DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE

Setton Pistachio Treated Wastewater Land Application Expansion Project

State Clearinghouse No. 2023030410

Prepared for:

Tulare County
Resource Management Agency

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STATE CLEARINGHOUSE NO. 2023030410

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LIST OF ABBREVIATIONS

°C	degrees Celsius
°F	degrees Fahrenheit
2016 Ozone Plan	2016 Ozone Plan for 8-Hour Ozone NAAQS Standard
2022 Scoping Plan	*Final 2022 Scoping Plan for Achieving Carbon Neutrality*
AAQA	ambient air quality analysis
AAQS	ambient air quality standard
AB	Assembly Bill
ACC	Advanced Clean Cars program
AFV	alternative fuel vehicle
Air District or SJVAPCD	San Joaquin Valley Air Pollution Control District
BMP	best management plan
BOD	biochemical oxygen demand
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	Corporate Average Fuel Economy
cal B.C.E.	calibrated before common era
CalEEMod	California Emissions Estimator Model
CAP	Tulare County Climate Action Plan 2018 Update
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
Central Valley RWQCB	Central Valley Regional Water Quality Control Board
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CI	carbon intensity
CNDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
Community Plan	Terra Bella Community Plan
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CV-SALTS	Central Valley-Salinity Alternatives for Long Term Sustainability
CWA	Clean Water Act

D/T	dilution to threshold
DAF	dissolved air floatation
DO	dissolved oxygen
DOC	California Department of Conservation
DOT	U.S. Department of Transportation
DPM	diesel particulate matter
Draft EIR	draft environmental impact report
DWR	California Department of Water Resources
EOP	Emergency Operations Plan
EPA	U.S. Environmental Protection Agency
EPAct	Energy Policy Act of 1992
ESA	federal Endangered Species Act
EV	electric vehicle
facility	Setton Terra Bella Pistachio Facility
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
GAMAQI	*Guidance for Assessing and Mitigating Air Quality Impacts*
General Permit	NPDES General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities
General Plan Update	Tulare County General Plan 2030 Update
GHG	greenhouse gas
GPA	General Plan Amendment
GSA	Groundwater Sustainability Agency
HAP	hazardous air pollutants
IEPR	Integrated Energy Policy Report
IPaC	Information for Planning and Consultation
IS/MND	Initial Study/Mitigated Negative Declaration
LAA	Land Application Area
lb/ac/yr	pounds per acre per year
lb/day	pounds per day
LCFS	Low Carbon Fuel Standard
MBTA	Migratory Bird Treaty Act
MGD	million gallons per day
MGY	million gallons per year
MLD	most likely descendant
MMscf/year	million standard cubic feet of gas per year
MMT	million metric tons
$MTCO_2e$	metric tons of carbon dioxide equivalent
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NFIP	National Flood Insurance Program

NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide
NOP	Notice of Preparation
NO_X	oxides of nitrogen
NPDES	National Pollution Discharge Elimination System
O_3	Ozone
OEHHA	Office of Environmental Health Hazard Assessment
OPR	The Governor's Office and Planning and Research
ozone	photochemical smog
Pb	Lead
PM_{10}	respirable particulate matter with aerodynamic diameter of 10 micrometers or less
$PM_{2.5}$	fine particulate matter with aerodynamic diameter of 2.5 or less
Porter-Cologne Act	Porter-Cologne Water Quality Control Act of 1970
ppm	parts per million
ppmw	parts per million by weight
PRC	Public Resources Code
PV	photovoltaic
RMA	Resource Management Agency [Tulare County]
ROG	reactive organic gases
RWQCB	regional water quality control board
SB	Senate Bill
Setton	Setton Farms
sf	square feet
SGMA	Sustainable Groundwater Management Act of 2014
SIP	state implementation plan
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SO_2	Sulfur dioxide
SO_X	sulfur
SR	State Route
SSJVIC	South San Joaquin Valley Information Center
State CEQA Guidelines	California Environmental Quality Act Guidelines
State Water Board	State Water Resources Control Board
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TBWQC	Tule Basin Water Quality Coalition
TCAG	Tulare County Association of Governments
TCFD	Tulare County Fire Department
Terra Bella facility	Setton Terra Bella Pistachio Facility
TMDL	total maximum daily load

TSS	Total Suspended Solids
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VMT	vehicle miles traveled
WDR	Waste Discharge Requirements
WQO	Water Quality Objective
ZEV	zero-emission vehicle

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EXECUTIVE SUMMARY

ES.1 INTRODUCTION

As required by the California Environmental Quality Act Guidelines (State CEQA Guidelines) Section 15123, this chapter includes (1) a summary description of the Setton Pistachio Treated Wastewater Land Application Expansion Project, (2) a synopsis of environmental impacts and recommended mitigation measures (Table ES-1), (3) identification of the alternatives evaluated and of the environmentally superior alternative, and (4) a discussion of the areas of controversy associated with the project.

ES.2 SUMMARY DESCRIPTION OF THE PROJECT

ES.2.1 Project Location

The Setton Terra Bella Pistachio Facility is located on an 80-acre site at 9370 Road 234, Terra Bella, east of State Route (SR) 65, in unincorporated Tulare County. This facility has a maximum daily wastewater discharge limit of 3.0 mgd, up to 60 million gallons annually, which is filtered and utilized for irrigation of 872 acres of agricultural lands (Land Application Areas [LAAs]). An additional 89 acres of LAAs are proposed on APNs 320-040-004, -005, -006, -007, -008, -009; 320-040-034; and 320-070-023, -024, and -025 (89 acres of pistachio orchards with crop cover). As with the existing LAAs, the proposed LAAs are owned by Setton Pistachio, zoned AE-20 (Exclusive Agricultural Zone - 20 Acre Minimum) by Tulare County, and are surrounded by agricultural lands and local roads.

ES.2.2 Background and Need for the Project

The Setton Terra Bella Pistachio Facility is an existing pistachio and citrus processing facility (the citrus processing facility is owned by Porterville Citrus, Inc.). It is the main processing and production facility for Setton Farms (Setton), operates year-round, and processes pistachios during the harvest operations in August, September, and October.

For the Setton Terra Bella Pistachio Facility to utilize its current design capacity (to process up to 122 million pounds of pistachios per year) during the harvest season, additional wastewater discharge capacity is necessary. Therefore, Setton is proposing to add 89 acres of LAAs to expand their wastewater disposal capacity (from 872 acres to 961 acres of LAAs). Improvements to the existing wastewater treatment facilities are also proposed to protect the beneficial uses of water, prevent nuisance conditions, and comply with waste discharge requirements issued by the Central Valley Regional Water Quality Control Board (Central Valley RWQCB).

ES.2.3 Project Objectives

The project has been designed to meet the following objectives:

- allow the Setton Terra Bella Pistachio facility to fully utilize its current design capacity;
- expand wastewater treatment disposal capacity;
- protect beneficial uses of water[1];
- prevent nuisance conditions (odors); and
- comply with the waste discharge requirement issued by the Central Valley RWQCB.

[1] The Tulare Lake Basin Plan designates beneficial uses of groundwater in vicinity of the Terra Bella facility as suitable or potentially suitable, at a minimum, for municipal and domestic water supply (MUN), agricultural supply (AGR), industrial service supply (IND), industrial process supply (PRO), and wildlife habitat (WILD).

ES.2.4 Characteristics of the Project

The project would include installation of a 15-inch subsurface pipeline to connect the additional LAAs to the existing treated wastewater distribution pipelines and installation of irrigation lines within the LAAs. Two encroachment permits would be required from Tulare County. The additional LAAs would allow Setton Pistachio to utilize its current design capacity (to process up to 122 million pounds of pistachios per year) during the harvest season. The increase in operations during the pistachio harvest processing would result in an increase in the annual wastewater discharge from 60 million gallons per year (MGY) to 85 MGY (maximum daily discharge rates would remain at 3 million gallons). Improvements to the existing wastewater treatment facilities are also proposed to protect beneficial uses of water, prevent nuisance conditions, and comply with waste discharge requirements issued by the Central Valley RWQCB. This includes adding fiber filters to the existing gunite-lined pond to remove excess solids from treated wastewater prior to its release into the east and west ponds, where it is stored on a short-term basis for distribution to the LAAs. Further, paddles would be installed in the west pond and a Venturi system would be installed in the east pond to improve aeration to prevent septicity and odor production.

The project would allow for an increase of approximately 20.6 million pounds pistachios being processed (over the average for the facility of 101.4 million pounds per year). Processing that increased amount of pistachios would require increased operations at the Terra Bella facility. The project does not propose the construction or operation of any new mechanical or storage facilities at the Terra Bella facility. However, the existing operations would potentially extend over a longer period of time, potentially from eight to ten weeks, and the increased processing would result in additional truck trips to deliver pistachios and off-haul the bio-matter to composting and cattle feed sites.

ES.3 AGENCY ROLES AND RESPONSIBILITIES

This Draft EIR has been prepared under the direction of Tulare County in accordance with the requirements of CEQA (PRC Section 21000 et seq.) and the State CEQA Guidelines (CCR Title 14, Division 6, Chapter 3, Sections 15000-15387). In general, a local government agency with jurisdiction over general land uses is the preferred public agency serving as lead agency (CEQA Guidelines Section 151367). Therefore, although the Central Valley RWQCB will be responsible for permitting the increased wastewater discharge through the Report of Waste Discharge, Tulare County is the local government agency with jurisdiction over land uses at the Setton Terra Bella facility and is therefore lead agency (Cal. Code Regs., tit. 14, sec. 15051(b)(1)). Furthermore, the Central Valley RWQCB believes that Tulare County is the appropriate lead agency for evaluating the Setton Pistachio Treated Wastewater Land Application Expansion Project because the Central Valley RWQCB has limited resources and infrastructure to carry out CEQA evaluations, particularly for projects with potential impacts outside the scope of water quality (C. Moskal, pers. comm., 2023).

Responsible agencies are public agencies, other than the lead agency, that have discretionary-approval responsibility for reviewing, carrying out, or approving elements of a project. As a responsible agency, the Central Valley RWQCB will use this EIR for their discretionary action related to the waste discharge permit.

ES.4 ENVIRONMENTAL IMPACTS AND RECOMMENDED MITIGATION MEASURES

ES.4.1 Project-Specific Impacts

Table ES-1, presented at the end of this chapter, provides a summary of the environmental impacts for the project. The table provides the level of significance of the impact before mitigation, recommended mitigation measures, and the level of significance of the impact after implementation of the mitigation measures.

ES.4.2 Significant-and-Unavoidable Impacts and Cumulative Impacts

The Setton Pistachio Treated Wastewater Land Application Expansion Project would not result in any significant impacts after implementation of required mitigation measures, as documented in Chapters 3 and 4 of this Draft EIR.

The only impacts that require mitigation are the potential impact to special-status wildlife species and habitat due to temporary construction disturbance, the potential impact to archaeological or tribal cultural resources due to ground disturbance, and the potential for odors due to additional process wastewater. Feasible mitigation is imposed for each of these impacts and the applicant has agreed to implement all mitigation measures in this EIR. Therefore, the project would not result in any significant or significant and unavoidable impacts.

ES.5 ALTERNATIVES TO THE PROPOSED PROJECT

Potentially feasible alternatives are developed with the CEQA guidance to avoid or lessen the significant, and potentially significant, adverse impacts of a project. However, the evaluation of environmental impacts due to the project presented in Chapters 3 and 4 of this Draft EIR provides evidence that the project would not result in any significant impacts after implementation of required mitigation measures. The applicant has agreed to implement all mitigation measures in this EIR, if the project is approved. Therefore, the only alternative evaluated in this Draft EIR is the No Project Alternative. The No Project Alternative assumes no new land application areas, no change in the pistachio processing wastewater discharge limit, and no change in current pistachio harvest operations. Two alternatives were considered but not evaluated further, wastewater detention in storage pond alternative and satellite facility alternative, because these alternatives would increase environmental impacts and would not achieve project objectives. The proposed project is designed to prevent nuisance odors from the process wastewater. There are limited solutions to address potential process wastewater odors and no other feasible alternatives were identified that could achieve the project objectives. The proposed project would not result in significant impacts that would be avoided by an alternative; therefore, no other alternatives are evaluated.

ES.5.1 Environmentally Superior Alternative

Alternative 1, the No Project-No Development Alternative would avoid the adverse impacts generated by the construction and operation of the project. Therefore, it is considered the environmentally superior alternative. However, the No Project–No Development Alternative would not meet the project objectives.

When the environmentally superior alternative is the No Project Alternative, the State CEQA Guidelines (Section 15126[d][2]) require selection of an environmentally superior alternative from among the other action alternatives evaluated. As stated and explained in Chapter 5, no feasible alternatives were identified that could achieve the project objectives and the proposed project would not result in significant impacts that would be avoided by an alternative. Therefore, the proposed project would be the environmentally superior action alternative.

ES.6 AREAS OF CONTROVERSY AND ISSUES TO BE RESOLVED

A notice of preparation (NOP) was distributed for the Setton Pistachio Treated Wastewater Land Application Expansion Project on March 15, 2023, to responsible agencies, interested parties, and organizations, as well as private organizations and individuals that may have an interest in the project. A public scoping meeting was held on March 30, 2023, at 1:30 p.m. at the Tulare County Resource Management Agency. The purpose of the NOP and the scoping meeting was to provide notification that an EIR for was being prepared for the project and to solicit input on the scope and content of the environmental document. The NOP and responses to the NOP are included in Appendix A of this Draft EIR. Key concerns and issues that were expressed during the scoping process included the following:

- determination of lead agency,
- odors from the pistachio processing,
- operational increases due to wastewater discharge increase, and
- process water discharge and groundwater contamination.

These issues are addressed in this Draft EIR. Impacts related to these issues are either identified as less than significant, or less than significant after mitigation.

Table ES-1 Summary of Impacts and Mitigation Measures

Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
Air Quality			
Impact 3.3-1: Generate Short-Term Construction-Related Emissions of ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$ Considering the Air District's guidance, annual and daily construction-generated emissions were quantified for the project. The project would not generate construction emissions of criteria air pollutants and ozone precursors exceeding the Air District's annual emissions thresholds of significance or daily screening criteria. Because construction-generated emissions would not exceed the Air District's annual emissions thresholds of significance or daily screening criteria, construction-generated emissions of criteria air pollutants and ozone precursors would be less than significant.	LTS	No mitigation is required for this impact.	LTS
Impact 3.3-2: Generate Long-Term Operational Emissions of ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$ Considering the Air District's guidance, annual and daily operations-generated emissions were quantified. The project would not generate operational emissions of criteria air pollutants and ozone precursors exceeding the Air District's annual emissions thresholds of significance or daily screening criteria. Because operation-related emissions would not exceed the Air District's annual emissions thresholds of significance or daily screening criteria, operational emissions of criteria air pollutants and ozone precursors would be less than significant.	LTS	No mitigation is required for this impact.	LTS
Impact 3.3-3: Expose Receptors to TAC Concentrations Adversely Affecting a Substantial Number of People Construction of the project would require relatively few pieces of heavy equipment, would last for a short period of time (approximately one month, (22 working days), and occur along a linear route (approximately 2,229 feet) ensuring that emissions of TACs are not generated in a single location for an extended period of time. Operation of the project would result in an increase in daily haul truck trips (1,662 annual trips, with a maximum of 19 daily trips during harvest season). Daily diesel PM emissions would be less than 1 lb/day. Due to the relatively small increase in daily trips even during the peak harvest season, the small amount of diesel PM emitted per day, and the highly dispersive properties of	LTS	No mitigation is required for this impact.	LTS

NI = No impact LTS = Less than significant PS = Potentially significant S = Significant SU = Significant and unavoidable

Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
diesel PM, this increase in trips would not result in the prolonged exposure of receptors to substantial concentrations of TAC emissions that would exceeding the Air District's carcinogenic risk exposure threshold of 20 in 1 million. This impact would be less than significant.			
Impact 3.3-4: Conflict with an Applicable Air Quality Plan The project would not result in population growth, a major factor in the development of air quality emissions reduction goals and strategies. Additionally, the project would not exceed Air District thresholds of significance for criteria air pollutants and would therefore not conflict with or obstruct implementation of any applicable Air District air quality plan. For these reasons, project impacts related to conflict with an applicable air quality plan would be less than significant.	LTS	No mitigation is required for this impact.	LTS
Impact 3.3-5: Generate Other Emissions (Such as Those Leading to Odors) Adversely Affecting a Substantial Number of People Operation of the Terra Bella facility has received nuisance odor complaints. The processing of pistachios and the discharge of process wastewater can be sources of odors due to biological plant matter. The project would increase the process wastewater discharge and allow for an increase in pistachio processing at the Terra Bella facility, which could result in increased odor complaints. This impact would be potentially significant.	PS	**Mitigation Measure 3.3-5: Implement Odor Control Measures** To reduce the potential for nuisance odors, Setton Pistachio shall implement the following measures. These measures shall be included as conditions of approval prior to the issuance of construction permits. 1. Track odor complaints related to the Terra Bella facility and Land Application Areas (LAAs) received directly by Setton Pistachio or received by the SJVAPCD (Air District). 2. Document any identified sources of nuisance odors. 3. During the harvest season, generally from August through October, Setton Pistachio shall have a qualified technician take measurements once per day, in the heat of the day (typically between 12 pm and 4 pm), with a field olfactometer at the property line of the Terra Bella facility between the East and West ponds and the nearest to sensitive receptors. 4. The technician shall document if the dilution to threshold (D/T) reading on the olfactometer exceeds seven, which is regarded as the level at which an odor may be considered objectionable, is exceeded (McGinley 2000). If the D/T is determined to be seven or higher, this would indicate constituents in the air are generating adverse odors. a. If the D/T reading does not register as seven or higher, no further action is required.	LTS

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		b. If the source of objectionable odor is determined to not be from Setton facilities, Setton will report its findings regarding the source and the olfactometer readings to the Air District. c. If the D/T reading registers as seven or higher, Setton shall determine the source of the nuisance odors. If it is determined that the source of the nuisance odor is from wastewater holding ponds, the following odor control measures from the Odor Control Plan shall be implemented as close to the time of the detection of a nuisance odor as possible. ▶ **Measure 3.1 Solids Removal:** ▪ **3.1.1 Dissolved Air Flotation System (DAF):** The DAF system shall remove total suspended solids (TSS), biochemical oxygen demand (BOD), and oil and grease (O&G) from a wastewater stream. ▪ **3.1.2 Filtration:** A series of screens and a sand filter shall be used to remove solids from the wastewater stream that could contain odor-causing compounds. ▶ **Measure 3.2 Aeration:** 2.2.1 Dissolved Oxygen and Odor Production: Setton Pistachio shall keep detention time of the wastewater in the pond to two hours or less. If the detention time exceeds two hours, Setton shall utilize additional portable aeration equipment, most likely two additional paddle wheel aerators in the East Pond, and one in the West Pond (if used to hold wastewater) and shall add oxidizer, such as hydrogen peroxide, if needed. ▶ **Measure 3.3 Chemical Treatment**: A 50 percent hydrogen peroxide solution shall be added to the pond if the dissolved oxygen of the water still falls below 1.0 milligram per liter (mg/L) even with aeration, and if it was determined from analysis that sulfide is present. ▶ **Measure 3.4 Wastewater Stream Segregation**: Wastewater shall be redirected as necessary using existing modifications to the water transfer pipeline connections to optimize the flow of wastewater. ▶ **Measure 3.5 Land Application System**: Wastewater shall be discharged to the Land Application Areas for irrigation through subsurface piping to reduce odors that could develop from the wastewater when in storage. ▶ **Measure 3.6 Monitoring Program**: Dissolved oxygen and oxidation reduction potential monitoring shall be performed continuously to monitor wastewater	

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		conditions and performance of the various treatment processes and odor control measures. ▶ **Measure 3.7 Pond Cleaning**: After each harvest, the gunite-lined pond will be cleaned using a "ditch witch vacuum excavator" or similar equipment. The cleaning wastewater will be collected and disposed off-site to a nearby composting facility. The "last rinse" water will be tested for pH and EC prior to using the pond for stormwater runoff. The line that is used to transfer pistachio wastewater from the gunite-lined pond to the East Pond and West Pond during harvest will be flushed with Terra Bella Irrigation District water before using the line for non-harvest stormwater discharge. The "flush water" will be drained into the East Pond and be commingled with any existing water in the pond. The "flush water" will be tested for pH and EC to verify that the line has been "cleaned". The East Pond and West Pond (if used) will be dredged annually after the pistachio harvest season or as needed to remove excess mud or sludge to maintain pond volume capacity. Cleaning these ponds should eliminate the solids as potential sources of future odorous compounds associated with the pistachio wastewater. **Measure 3.9 Odor Control Measures Implementation Schedule**: The odor control measures shall be implemented according to the schedule provided in the Odor Control Plan (provided in Table 3.3-11 below). **Table 3.3-11 Odor Control Plan Implementation Schedule**	

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation

Control Measure	Schedule	Notes
Aeration at East/West Ponds	Pistachio Harvest Season; as needed during non-harvest season	During non-harvest, aerator operation depends on water depth in the ponds.
Chemical Treatment	Pistachio Harvest Season, as needed based on monitoring data	Chemical oxidizer and pH control chemical will be in stock at the Facility during harvest season.
Wastewater Stream Segregation	Completed; year-round	Line from gunite-lined pond will be flushed yearly after harvest season.
Land Application System	Completed; year-round (historically, number of days in between wastewater application were typically more than 10 days)	N/A
Monitoring	Pursuant to MRP; additional during Pistachio Harvest Season	Frequency and sampling points may be increased, as needed.
Pond Cleaning	Annually after harvest; and as needed if odors are recorded to be high	N/A
Solid Waste Management	Pistachio Harvest Season	As applicable to the pistachio processing waste
DAF System	Pistachio Harvest Season	System is integrated in the hulling operation.
Filtration	Pistachio Harvest Season	Multiple filtration equipment is integrated in the hulling and irrigation operation.

Source: Trinity Consultants 2022.

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		d. If it is determined that the source of the nuisance odor is from hauling truck activity, Setton shall implement the following odor control measures from the Odor Control Plan: ▶ **Measure 3.8 Pistachio Solid Waste Management**: The hulls and other wet solids from the various filtration stages shall be collected in trucks and shipped offsite. Most of these wet materials are shipped to dairies as cattle feed and some are shipped to be mixed with some of the dry ground materials. Odors, if any, would most likely emanate from the wet materials or their residue. To prevent or minimize the potential for odors, Setton shall implement the following wet material odor control measures: ▪ Limit the number of sludge material trucks at the Setton plant site. Setton has 2 sludge loaders and can load up to 2 trucks simultaneously during the peak of the season. During this time, the number of standby sludge trucks will be limited to 2 such that only 4 trucks will be at the site at the same time. This will minimize cumulative truck related odors, if any. ▪ Setton has 4 augers and can load up to 4 hull trucks simultaneously. After a hauling truck is filled to capacity, the truck shall leave the plant as soon as possible, no more than a half hour, under normal operating conditions. If there are any issues, other arrangements shall be made such as transferring the load to another truck or bins for immediate removal from the site. ▪ All third-party wet hauling and sludge trucks shall be cleaned after final use and be removed from the site no later than two weeks after harvest. Any Setton hauling trucks used during the harvest shall be cleaned of all pistachio waste residue before long term parking at the site.	
Archaeological, Historical, and Tribal Cultural Resources			
Impact 3.4-1: Cause a Substantial Adverse Change in the Significance of Unique Archaeological Resources Project-related ground-disturbing activities could result in discovery or damage of yet undiscovered archaeological resources as defined in State CEQA Guidelines Section 15064.5 or PRC Section 21083.2(g). This would be a potentially significant impact.	PS	**Mitigation Measure 3.4-1: For All Ground-Disturbing Construction Activities, Halt Ground Disturbance Upon Discovery of Subsurface Archaeological Features** In the event that any precontact or historic-era subsurface archaeological features or deposits, including locally darkened soil ("midden"), that could conceal cultural deposits are discovered during construction, all ground-disturbing activity within 100 feet of the resources shall be halted and a qualified professional archaeologist shall be retained to assess the significance of the find and advise Tulare County on the site's significance. If the qualified archaeologist and the Tulare County	LTS

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		Resources Management Agency determine the archaeological material to be Native American in nature, Setton Pistachio shall contact the appropriate Native American tribe for their input on the preferred treatment of the find. If the find is determined to be significant by the archaeologist and the Tulare County Resources Management Agency (i.e., because it is determined to constitute a unique archaeological resource), the archaeologist and County shall develop, and Setton Pistachio shall implement, appropriate procedures to protect the integrity of the resource and ensure that no additional resources are affected. Procedures could include but would not necessarily be limited to preservation in place (which shall be the preferred manner of mitigating impacts to archaeological sites), archival research, subsurface testing, or contiguous block unit excavation and data recovery (when it is the only feasible mitigation, and pursuant to a data recovery plan).	
Impact 3.4-2: Cause a Substantial Adverse Change in the Significance of a Tribal Cultural Resource Tribal consultation under AB 52 has not resulted in the identification of tribal cultural resources on the project site. However, excavation activities associated with project construction may disturb or destroy previously undiscovered significant subsurface tribal cultural resources. This would be a potentially significant impact.	PS	Mitigation Measure 3.4-2: Implement Mitigation Measure 3.4-1	LTS
Impact 3.4-3: Disturb Human Remains Based on documentary research, no evidence suggests that any precontact or historic-era marked or un-marked human interments are present within or in the immediate vicinity of the project site. However, ground-disturbing construction activities could uncover previously unknown human remains. Compliance with California Health and Safety Code Section 7050.5 and California Public Resources Code Section 5097 would make this impact less than significant.	LTS	No mitigation is required for this impact.	LTS
Biological Resources			
Impact 3.5-1 Result in Disturbance to or Loss of Special-Status Wildlife Species and Habitat Project implementation would include development activities such as ground disturbance and heavy equipment use which could result in disturbance, injury, or mortality of several special-status wildlife species if present, reduced breeding	PS	**Mitigation Measure 3.5-1a: Conduct Focused Surveys for Swainson's Hawk and Other Nesting Raptors** Tulare County shall require Setton to implement the following measures to reduce impacts on Swainson's hawk and other tree-nesting raptors: ▶ A qualified biologist shall conduct nesting surveys for Swainson's hawk following the *Recommended Timing and Methodology for Swainson's Hawk Nesting*	LTS

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
productivity of these species, and loss of species habitat. This would be a potentially significant impact.		*Surveys in California's Central Valley* developed by the Swainson's Hawk Technical Advisory Committee (SWHA TAC 2000) in all areas of suitable nesting habitat within 0.5-mile of project disturbance areas. ▶ For project activities that begin between March 1 and September 15, qualified biologists will conduct additional preconstruction surveys for Swainson's hawk and other nesting raptors no more than 10 days prior to project implementation to identify active nests on and within 0.5 mile of the project site. The surveys will be conducted before the beginning of any construction activities between March 1 and September 15. ▶ Impacts to nesting Swainson's hawks and other raptors will be avoided by establishing appropriate buffers around active nest sites identified during preconstruction raptor surveys. The exclusionary buffer shall remain in place until the chicks have fledged or as otherwise determined by a qualified biologist. No project activity will commence within the buffer areas until a qualified biologist has determined, in coordination with CDFW, the young have fledged, the nest is no longer active, or reducing the buffer would not likely result in nest abandonment. CDFW guidelines recommend implementation of 0.5- mile-wide buffer for Swainson's hawk and 500-feet for other raptors, but the size of the buffer may be adjusted if a qualified biologist and Setton, in consultation with CDFW, determine that such an adjustment would not be likely to adversely affect the nest. The appropriate no-disturbance buffer for other raptor nests (i.e., species other than Swainson's hawk) shall be determined by a qualified biologist based on site-specific conditions, the species of nesting bird, nature of the project activity, visibility of the disturbance from the nest site, and other relevant circumstances. ▶ Monitoring of all active raptor nests by a qualified biologist during construction activities will be required if the activity has potential to adversely affect the nest. If construction activities cause the nesting bird to vocalize, make defensive flights at intruders, get up from a brooding position, or fly off the nest, then the no-disturbance buffer shall be increased until the agitated behavior ceases. The exclusionary buffer will remain in place until the chicks have fledged or as otherwise determined appropriate by a qualified biologist. **Mitigation Measure 3.5-1b: Conduct Take Avoidance Survey for Burrowing Owl, Implement Avoidance Measures, and Compensate for Loss of Occupied Burrows** Tulare County shall require Setton to implement the following measures to reduce impacts on burrowing owl:	

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		▶ A qualified biologist shall conduct focused breeding and nonbreeding season surveys for burrowing owls in areas of suitable habitat on and within 500 feet of the project site. Surveys will be conducted prior to the start of construction activities and in accordance with Appendix D of CDFW's Staff Report on Burrowing Owl Mitigation (2012), which recommends at least three surveys conducted at least 3 weeks apart. ▶ If no occupied burrows are found, the qualified biologist shall submit a report documenting the survey methods and results to Tulare County and Setton Pistachio, and no further mitigation shall be required. ▶ If an active burrow is found during the nonbreeding season (September 1 through January 31), the applicant will consult with CDFW regarding protection buffers to be established around the occupied burrow and maintained throughout construction. If occupied burrows are present that cannot be avoided or adequately protected with a no-disturbance buffer, a burrowing owl exclusion plan shall be developed, as described in Appendix E of the CDFW Staff Report. Burrowing owls shall not be excluded from occupied burrows until the project burrowing owl exclusion plan is approved by CDFW and only during the nonbreeding season. The exclusion plan shall include a compensatory habitat mitigation plan (see below). ▶ If an active burrow is found during the breeding season (February 1 through August 31), occupied burrows shall not be disturbed and shall be provided with a protective buffer at a minimum of 650 feet unless a qualified biologist verifies through noninvasive means that either: (1) the birds have not begun egg laying, or (2) juveniles from the occupied burrows are foraging independently and are capable of independent survival. The size of the buffer may be adjusted depending on the time of year and level of disturbance as outlined in the CDFW Staff Report (2012, pg 9). The size of the buffer may be reduced if a broad-scale, long-term, monitoring program acceptable to CDFW is implemented so that burrowing owls are not adversely affected. Once the fledglings are capable of independent survival, the owls can be evicted, and the burrow can be destroyed per the terms of a CDFW-approved burrowing owl exclusion plan developed in accordance with Appendix E of CDFW Staff Report. ▶ If burrowing owls are excluded from burrows and the burrows are destroyed by implementation of project construction activities, the applicant shall mitigate the loss of occupied habitat in accordance with guidance provided in the CDFW Staff	

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		Report, which states that permanent impacts on nesting, occupied and satellite burrows, and burrowing owl habitat (i.e., grassland or open habitat with suitable burrows) shall be mitigated such that habitat acreage and number of burrows are replaced through permanent conservation of comparable or better habitat with similar vegetation communities and burrowing mammals (e.g., ground squirrels) present to provide for nesting, foraging, wintering, and dispersal. The applicant shall retain a qualified biologist to develop a burrowing owl mitigation and management plan that incorporates the following goals and standards: ▪ Mitigation lands shall be selected based on comparison of the habitat lost to the compensatory habitat, including type and structure of habitat, disturbance levels, potential for conflicts with humans, pets, and other wildlife, density of burrowing owls, and relative importance of the habitat to the species throughout its range. ▪ If feasible, mitigation lands shall be provided adjacent or proximate to the development area so that displaced owls can relocate with reduced risk of injury or mortality. Feasibility of providing mitigation adjacent or proximate to the development area depends on availability of sufficient habitat to support displaced owls that may be preserved in perpetuity. ▪ If habitat suitable for burrowing owl is not available for conservation adjacent or proximate to the development area, mitigation lands can be secured offsite and shall aim to consolidate and enlarge conservation areas outside of planned development areas and within foraging distance of other conservation lands. Mitigation may be also accomplished through purchase of mitigation credits at a CDFW-approved mitigation bank, if available. Alternative mitigation sites and acreages may also be determined in consultation with CDFW. ▪ If burrowing owl habitat mitigation is completed through permittee-responsible conservation lands, the mitigation plan shall include mitigation objectives, site selection factors, site management roles and responsibilities, vegetation management goals, financial assurances and funding mechanisms, performance standards and success criteria, monitoring and reporting protocols, and adaptive management measures. Success shall be based on the number of adult burrowing owls and pairs using the site and if the numbers are maintained over time. Measures of success, as suggested in the CDFW Staff Report, shall include site tenacity, number of adult owls	

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		present and reproducing, colonization by burrowing owls from elsewhere, changes in distribution, and trends in stressors. **Mitigation Measure 3.5-1c: Conduct Focused Surveys for San Joaquin Kit Fox and Implement Avoidance Measures** Tulare County shall require Setton to implement the following measures to reduce impacts on San Joaquin kit fox: ▶ A qualified biologist shall conduct focused surveys for San Joaquin kit fox within a 200-foot buffer around the project area no less than 14 days and no more than 30 days prior to implementation ground disturbance activities. ▶ If potential kit fox dens are identified within the 200-foot buffer of the project area, a USFWS-approved biologist will determine if the dens are occupied by kit fox. If occupied dens are found, a no-disturbance buffer a minimum of 100 feet around occupied dens will be maintained for the duration of treatment activities. If a natal den is discovered within 200 feet of a treatment site, all activity shall cease, and the applicant will contact the USFWS and CDFW to consult about potential avoidance measures before activities can occur (USFWS 2011). ▶ Avoidance measures shall be implemented in accordance with the USFWS "Standard recommendations for protection of the endangered San Joaquin kit fix prior to or during ground disturbance" (USFWS 2011). Avoidance measures shall include, but are not limited to: ▪ Project related vehicles shall adhere to a 20-mph daytime speed limit and 10-mph nighttime speed limit, except on county roads and state and federal highways. ▪ All excavated trenches more than 2 feet deep shall be covered at the close of each day by plywood or a similar material. Before they are closed, they shall be thoroughly inspected for trapped animals. If they cannot be covered each night, they shall have sloped walls or will contain one or more escape ramps constructed of earthen-fill or wooden planks. If a trapped or injured kit fox is discovered, USFWS and CDFW shall be notified within three working days. ▪ All construction materials, including pipes, culverts, or similar structures with a diameter of 4 inches or greater, that are stored at the construction site for one or more overnight periods shall be thoroughly inspected for fit foxes before use or before the pipe is buried, capped, or otherwise used or moved in any way. If a kit fox is discovered inside a pipe, that section of pipe shall not be moved	

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
		until consultation with the USFWS and CDFW has occurred. If necessary, under the direct supervision of a biologist, the pipe may be moved one time to remove it from the path of construction activity until the fox has escaped. **Mitigation Measure 3.5-1d: Implement a Worker Environmental Awareness Program** Prior to any ground disturbing activities that would affect San Joaquin kit fix, a qualified biologist shall conduct an education program for all persons employed or otherwise working on the project. The program shall consist of a presentation from the biologist that includes a discussion of the biology and habitat needs of the species, legal protections for the species, penalties for violations, and project-specific protective measures identified by regulatory authorizations. Interpretation shall be provided for non-English speaking workers, and the same instruction shall be provided for any new workers prior to their performing work onsite. Setton Pistachio shall prepare and distribute wallet-sized cards or a fact sheet that contains relevant biological data for workers to carry onsite. Upon completion of the education program, employees shall sign a form stating they attended the program and understand all protection measures.	
Energy			
Impact 3.6-1: Wasteful, Inefficient, or Unnecessary Consumption of Energy Temporary construction of the project would result in the consumption of energy; however, construction activities would be temporary and would not increase long-term energy or fuel demand. Operation of the project would increase transportation energy consumption due to the increased off-haul of hull bio-matter; however, the increase in fuel consumption would be minor. Therefore, the project-related energy consumption would not be considered wasteful, inefficient, or unnecessary. This impact would be less than significant.	LTS	No mitigation is required for this impact.	LTS
Impact 3.6-2: Conflict with or Obstruct a State or Local Plan for Renewable Energy or Energy Efficiency Impact 3.7-2 of Section 3.7 "Greenhouse Gas Emissions" explains that implementation of the project would not conflict with the 2022 Scoping Plan or the Tulare County General Plan 2030 Update. These plans include measures and policies intended to reduce GHG emissions, which are directly linked to the expenditure of energy through the combustion of fossil fuels during project construction and operation. Because the analysis in Impact 3.7-2 determined that	LTS	No mitigation is required for this impact.	LTS

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
the project would be consistent with these plans, this impact would be less than significant with regard to energy.			
Greenhouse Gas Emissions			
Impact 3.7-1: Generate Greenhouse Gas Emissions, Either Directly or Indirectly, that May Have a Significant Impact on the Environment Because project-related construction and operational GHGs would be less than adopted thresholds, and long-term operational GHG emissions would demonstrate substantial progress towards carbon neutrality, the project would not generate GHG emissions, either directly or indirectly, that would have a significant impact on the environment. This impact would be less than significant.	LTS	No mitigation is required for this impact.	LTS
Impact 3.7-2: Conflict with an Applicable Plan, Policy or Regulation Adopted for the Purpose of Reducing the Emissions of Greenhouse Gases The project would not conflict applicable plans, policies, or regulations because it would be consistent with the GHG reduction goals of the 2022 Scoping Plan and the applicable Tulare County General Plan policies. This impact would be less than significant.	LTS	No mitigation is required for this impact.	LTS
Hydrology and Water Quality			
Impact 3.8-1: Compliance with Groundwater Quality Standards and Groundwater Management Plans Setton has requested changes to the waste discharge requirements for the Terra Bella facility and proposes additional LAAs to allow an increase in pistachio harvest processing and an increase in the discharge of pistachio process wastewater. Expansion of the LAAs allows application of treated effluent over a broader area. Existing process wastewater best management practices would remain in place at the Terra Bella facility and are effective in protecting the quality of discharge water. The depth to groundwater, agronomic application rate of the treated wastewater, and the nutrient uptake of the pistachios and cover crop effectively prevents the potential for adverse impacts on groundwater from process wastewater discharge. The project would not result in degradation to beneficial uses of water, or otherwise result in degradation to groundwater water quality. Therefore, the project would not violate water quality standards, waste discharge requirements,	LTS	No mitigation is required for this impact.	LTS

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Impacts	Significance before Mitigation	Mitigation Measures	Significance after Mitigation
or otherwise degrade groundwater quality and this impact would be less than significant.			
Impact 3.8-2: Groundwater Supply and Recharge The project-related increase in water use would represent less than 0.3 percent of the water allocated to the Terra Bella Irrigation District from the Central Valley Project; groundwater is only used as a supplement to surface water rarely during infrastructure maintenance. Therefore, the project would not result in excessive pumping of groundwater. In addition, the project would not result in insufficient recharge from irrigation, but rather would increase LAAs with below-surface irrigation lines and increased discharge of process wastewater. Sustainable water management practices, including irrigation at agronomic rates, water conservation measures, and monitoring water levels, would be carried out. Therefore, the project impact on groundwater supply and recharge would be less than significant.	LTS	No mitigation is required for this impact.	LTS

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1 INTRODUCTION

This draft environmental impact report (Draft EIR) evaluates the environmental impacts of the proposed Setton Pistachio Treated Wastewater Land Application Expansion Project. This Draft EIR has been prepared under the direction of Tulare County Resource Management Agency (RMA) in accordance with the requirements of the California Environmental Quality Act (CEQA) (Public Resources Code [PRC] Section 21000 et seq.) and the State CEQA Guidelines.

1.1 PURPOSE AND INTENDED USES OF THIS DRAFT EIR

According to CEQA, preparation of an EIR is required whenever it can be fairly argued, based on substantial evidence, that a proposed project may result in a significant environmental impact. An EIR is an informational document used to inform public-agency decision makers and the general public of the significant environmental impacts of a project, identify possible ways to minimize the significant impacts, and describe reasonable alternatives to the project that could feasibly attain most of the basic objectives of the project while substantially lessening or avoiding any of the significant environmental impacts. Public agencies are required to consider the information presented in the EIR when determining whether to approve a project. This Draft EIR has been prepared to meet the requirements of a project EIR as defined by Section 15161 of the State CEQA Guidelines. A project EIR focuses on the changes in the physical environment that would result from the implementation of a project, including its planning, construction, and operation. The County's intention in preparing a project EIR is that no further environmental analysis would be required for additional regulatory approvals following approval of the project.

1.2 SCOPE OF THIS DRAFT EIR

This Draft EIR includes an evaluation of the following environmental issue areas as well as other CEQA-mandated issues (e.g., cumulative impacts, growth-inducing impacts, significant unavoidable impacts, alternatives):

- Air Quality;
- Archaeological, Historical, and Tribal Cultural Resources;
- Biological Resources;
- Energy;
- Greenhouse Gas Emissions; and
- Hydrology and Water Quality.

Under the CEQA statutes and the State CEQA Guidelines, a lead agency may limit an EIR's discussion of environmental effects when such effects are not considered potentially significant (PRC Section 21002.1[e]; State CEQA Guidelines Sections 15128, 15143). Information used to determine which impacts would be potentially significant was derived from review of the project; review of applicable planning documents and CEQA documentation; field work; feedback from public and agency consultation; and comments received on the Notice of Preparation (NOP) (see Appendix A of this Draft EIR). The project effects found not to be significant are substantiated in Section 3.2 of this EIR.

The NOP was distributed on March 15, 2023, to responsible agencies, interested parties, and organizations, as well as private organizations and individuals that may have an interest in the project. The purpose of the NOP and the scoping meeting was to provide notification that an EIR for the project was being prepared and to solicit input on the scope and content of the environmental document. As a result of the review of existing information and the scoping process, it was determined that each of the issue areas listed above should be evaluated fully in this Draft EIR. Further information on the NOP and scoping process is provided below in Section 1.5, "Public Review Process."

1.3 AGENCY ROLES AND RESPONSIBILITIES

1.3.1 Lead Agency

This Draft EIR has been prepared under the direction of Tulare County RMA in accordance with the requirements of CEQA (PRC Section 21000 et seq.) and the State CEQA Guidelines (CCR Title 14, Division 6, Chapter 3, Sections 15000-15387). In general, a local government agency with jurisdiction over general land uses is the preferred public agency serving as lead agency (CEQA Guidelines Section 151367). Therefore, although the Central Valley Regional Water Quality Control Board (Central Valley RWQCB) will be responsible for permitting the increased wastewater discharge through the Report of Waste Discharge, Tulare County is the local government agency with jurisdiction over land uses at the Setton Terra Bella facility and is therefore lead agency (Cal. Code Regs., tit. 14, sec. 15051(b)(1)). Furthermore, the Central Valley RWQCB believes that Tulare County RMA is the appropriate lead agency for evaluating the Setton Pistachio Treated Wastewater Land Application Expansion Project because the Central Valley RWQCB has limited resources and infrastructure to carry out CEQA evaluations, particularly for projects with potential impacts outside the scope of water quality (pers. comm., Central Valley RWQCB C. Moskal 2023).

1.3.2 Trustee and Responsible Agencies

A trustee agency is a State agency that has jurisdiction by law over natural resources that are held in trust for the people of the State of California. The only trustee agency that has jurisdiction over resources potentially affected by the project is the California Department of Fish and Wildlife.

Responsible agencies are public agencies, other than the lead agency, that have discretionary-approval responsibility for reviewing, carrying out, or approving elements of a project. Responsible agencies should participate in the lead agency's CEQA process, review the lead agency's CEQA document, and use the document when making a decision on project elements. For example, Central Valley RWQCB will use this EIR for their discretionary action related to the waste discharge permit. Agencies that may have responsibility for, or jurisdiction over, the implementation of elements of the project include the following.

STATE AGENCIES

- California Department of Fish and Wildlife: California Endangered Species Act Compliance

REGIONAL AND LOCAL AGENCIES

- Central Valley Regional Water Quality Control Board: treated wastewater discharge permit
- San Joaquin Valley Air Pollution Control District: Permit to operate
- Tulare County RMA: roadway encroachment permits, utility easements

1.4 PUBLIC REVIEW PROCESS

As identified above in Section 1.3, "Scope of this Draft EIR," in accordance with CEQA regulations, an NOP was distributed on March 15, 2023, to responsible agencies, interested parties and organizations, and private organizations and individuals that could have interest in the project. The NOP was available on the County website at https://tularecounty.ca.gov/rma/planning-building/environmental-planning/environmental-impact-reports/setton-pistachio-land-application/, the Tulare County Resource Management Agency Permits Services Counter, 5961 S. Mooney Boulevard., Visalia, CA 93277, and the Porterville Public Library, 50 W Olive Ave Suite B, Porterville, CA 9325. In addition, availability of the NOP was advertised in the Visalia Times-Delta newspaper on March 15, 2023.

A public scoping meeting was held on March 30, 2023, at 1:30 p.m. at the Tulare County Resource Management Agency to inform interested parties about the project, and to provide agencies and the public with an opportunity to provide comments on the scope and content of the EIR. There were no attendees at the scoping meeting.

The purpose of the NOP and the scoping meeting were to provide notification that an EIR for the Project was being prepared and to solicit input on the scope and content of the document. Six letters were received in response to the NOP. The NOP, the six scoping comment letters, and a summary of the scoping comments are included in Appendix A of this Draft EIR.

This Draft EIR is being circulated for public review and comment for a period of 45+ days from March 20 through May 6, 2024. During this period, comments from the general public as well as organizations and agencies on environmental issues may be submitted to the lead agency.

A public meeting will be held on the Draft EIR on Wednesday April 10, 2024 between 1:00 p.m. and 3:30 p.m. at the Tulare County Resource Management Agency, Main Conference Room, 5961 S. Mooney Boulevard, Visalia, CA 93277. Upon completion of the public review and comment period, a Final EIR will be prepared that will include both written and oral comments on the Draft EIR received during the public-review period, responses to those comments, and any revisions to the Draft EIR made in response to public comments. The Draft EIR and Final EIR together will make up the EIR for the project.

Before adopting the Setton Pistachio Treated Wastewater Land Application Expansion Project, Tulare County as the lead agency, is required to certify that the EIR has been completed in compliance with CEQA, that the decision-making body reviewed and considered the information in the EIR, and that the EIR reflects the independent judgment of the lead agency.

1.5 DRAFT EIR ORGANIZATION

This Draft EIR is organized into chapters, as identified and briefly described below. Chapters are further divided into sections (e.g., Chapter 3, "Environmental Impacts and Mitigation Measures" and Section 3.3, "Air Quality"):

- The "Executive Summary": This chapter introduces the Setton Pistachio Treated Wastewater Land Application Expansion Project; provides a summary of the environmental review process, effects found not to be significant, and key environmental issues; and lists significant impacts and mitigation measures to reduce significant impacts to a less-than-significant level.
- Chapter 1, "Introduction": This chapter provides a synopsis of the project; a description of the type, purpose, and intended uses of this Draft EIR; a description of the scope of this EIR; a description of the lead and responsible agencies; a summary of the public review process; and a description of the organization of this EIR; and definitions of standard terminology used in this EIR.
- Chapter 2, "Project Description": This chapter describes the location, background, and goals and objectives for the Setton Pistachio Treated Wastewater Land Application Expansion Project, and describes the project elements in detail.
- Chapter 3, "Environmental Impacts and Mitigation Measures": The sections in this chapter evaluate the expected environmental impacts generated by the project, arranged by subject area (e.g., land use, hydrology and water quality). In each subsection of Chapter 3, the regulatory background, existing conditions, analysis methodology, and thresholds of significance are described. The anticipated changes to the existing conditions after development of the project are then evaluated for each subject area. For any significant or potentially significant impact that would result from project implementation, mitigation measures are presented and the level of impact significance after mitigation is identified. Environmental impacts are numbered sequentially within each section (e.g., Impact 3.3-1, Impact 3.3-2, etc.). Any required mitigation measures are numbered to correspond to the impact numbering; therefore, the mitigation measure for Impact 3.3-2 would be Mitigation Measure 3.3-2, with subsets of Mitigation Measure 3.3-2 shown as 3.3-2 (a), 3.3-2(b), 3.3-2 (c), etc.
- Chapter 4, "Cumulative Impacts": This chapter provides information required by CEQA regarding cumulative impacts that would result from implementation of the project, as well as other past, present, and probable future projects.

- Chapter 5, "Alternatives": This chapter evaluates alternatives to the project, including alternatives considered but eliminated from further consideration, the No Project Alternative, and two alternative development options. The environmentally superior alternative is identified.
- Chapter 6, "Other CEQA Sections": This chapter evaluates growth-inducing impacts and irreversible and irretrievable commitment of resources, and discloses any significant and unavoidable adverse impacts.
- Chapter 7, "Report Preparers": This chapter identifies the preparers of the document.
- Chapter 8, "References": This chapter identifies the organizations and persons consulted during preparation of this Draft EIR and the documents and individuals used as sources for the analysis.

1.6 STANDARD TERMINOLOGY

This Draft EIR uses the following standard terminology:

- "No impact" means no change from existing conditions (no mitigation is needed).
- "Less-than-significant impact" means no substantial adverse change in the physical environment (no mitigation is needed).
- "Potentially significant impact" means a substantial adverse change in the environment that might occur. Mitigation is required, because potentially significant impacts are treated as significant, which reduces the impact to "less than significant with mitigation."
- "Significant impact" means a substantial adverse change in the physical environment that would occur. Mitigation is required, which reduces the impact to "less than significant with mitigation."
- "Significant and unavoidable impact" means a substantial adverse change in the physical environment that would occur and that cannot be avoided, even with the implementation of all feasible mitigation.

2 PROJECT DESCRIPTION

2.1 PROJECT BACKGROUND

The Setton Terra Bella Pistachio Facility (Terra Bella facility) is an existing pistachio and citrus processing facility located on an 80-acre site at 9370 Road 234, in the unincorporated community of Terra Bella, east of State Route (SR) 65, in Tulare County (Figure 2-1). This facility is the main processing and production facility for Setton Farms (Setton). Although located at Setton, the citrus processing facility is owned by Porterville Citrus, Inc. The production facility operates year-round and processes pistachios during the harvest operations in August, September, and October.

2.1.1 Existing Pistachio Harvest Operations

Pistachios, like other nuts, are the seeds of fruits grown on pistachio trees. The nuts take about seven years to mature after a tree is planted. When the pistachios are ripe, harvesters use machines to shake the trees and allow the nuts to fall. They are then gathered and delivered to the Setton Terra Bella Pistachio Facility.

Throughout the year, the Terra Bella facility operates 5 days a week, year-round. However, during the approximately eight weeklong pistachio harvest season from mid-August to October, the facility operates 24-hours a day seven days a week and can process over 6,000 truckloads of pistachios directly from Setton's orchards and other orchards. Within 24 hours of arriving at the facility, all the pistachios are hulled (the outer hull is removed from the pistachio nut), cleaned, dried, and placed into large storage silos. The pistachios are protected from insects, moisture, and damage once inside the silos and can be stored safely for a year or more.

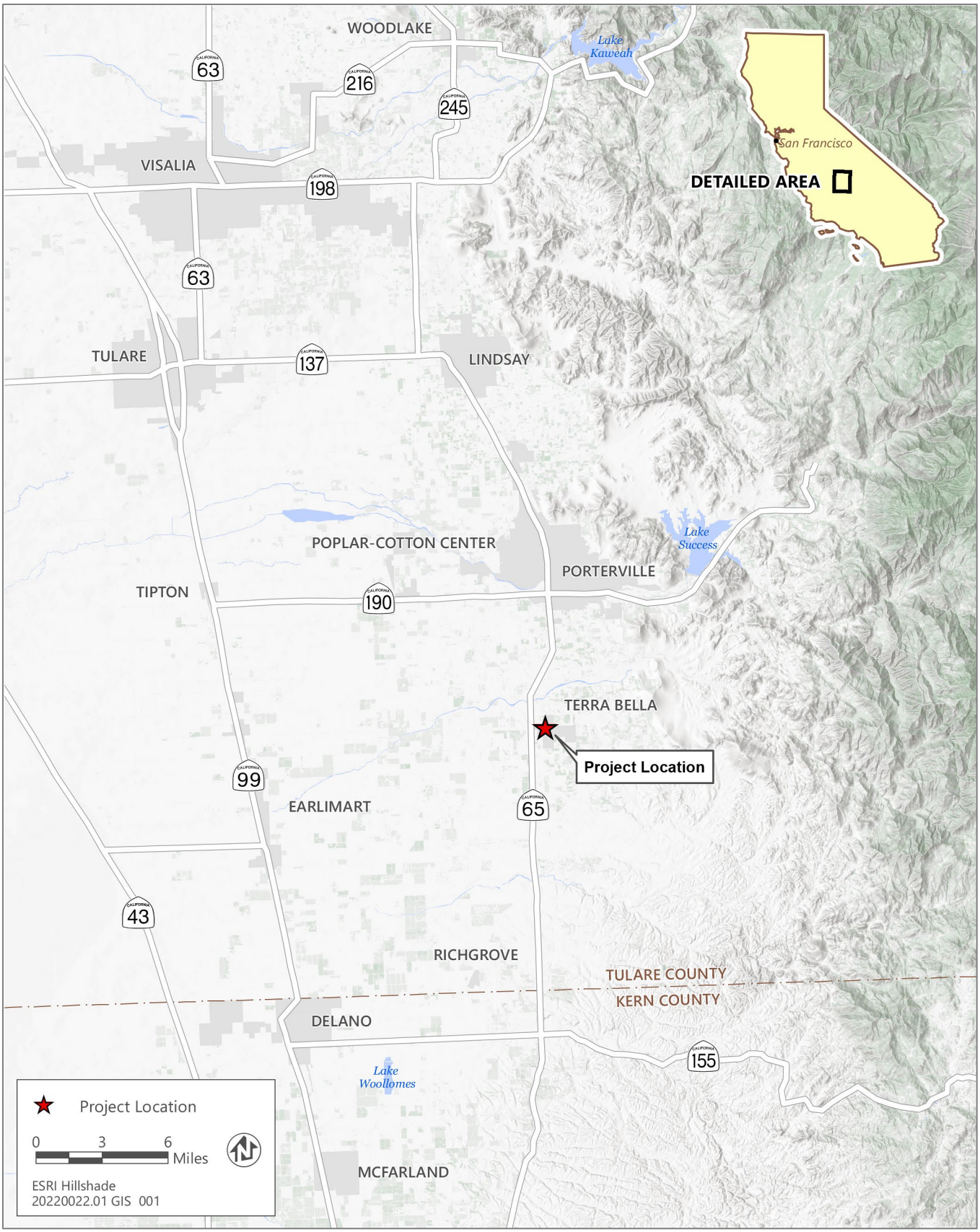
There is over 300,000 square feet (sf) of packaging and production space for pistachio manufacturing and processing. The facilities include pistachio sizing machinery, and pin-pickers to separate naturally opened pistachios from closed ones, dry roasters, sorting machinery, fully automated packaging lines, flavoring production lines, salt brining systems, dozens of metal detection systems, and vacuum-packaging. There is also research and development at the Terra Bella facility.

The Terra Bella facility has a design capacity to accommodate the processing of 122,000,000 (122 million) pounds of pistachios per year. The amount processed in any given year depends on the pistachio harvest. Pistachio trees are alternate bearing, meaning the harvest is heavier in alternate years. In 2021, the facility processed 106,290,737 pounds of pistachios. In 2022, the facility processed 96,531,385 pounds of pistachios. The average for the facility is 101,411,061 pounds of pistachios processed in a year.

2022 FACILITY UPGRADES

In 2020 Tulare County adopted an addendum to the 2015 Terra Bella Community Plan Initial Study/Mitigated Negative Declaration (IS/MND) and in 2022 the San Joaquin Valley Air Pollution Control District (SJVAPCD) issued Authority to Construct permits for an expansion of Setton's hulling operation. The environmental impacts associated with the construction and operation of the facilities were evaluated and disclosed in the addendum to the County's 2015 IS/MND and Setton received approval and permits for a new Pistachio Receiving, Hulling, Storage, and Fumigation Operation (SJVAPCD Project S-1193630) consisting of:

- pre-cleaning lines 5 and 6 with two receiving pits, each with two cyclones;
- twelve natural gas-fired column dryers;
- 24 silos for storage;
- drying and fumigation;
- 48 natural gas-fired silo fan/heater units; and
- associated permit exempt wet processing lines.



Source: adapted by Ascent Environmental in 2023.

Figure 2-1 Regional Location

Setton has constructed these facilities. The expanded hulling operation provides a closer, more convenient location to many of Setton's farms and growers, particularly during years with high yields. The expansion reduced vehicle miles traveled (VMT) by capturing trips that would otherwise be sent to Setton's existing peaker facility (Brooklyn, S-6704) located approximately 7 miles southwest of the main Terra Bella Facility at 19103 Ave 80, Terra Bella. The expanded hulling operation has reduced vehicle trips associated with hauling loads between the two facilities (a 15-mile round trip); it has resulted in a reduction of 3,076 round trips to/from the peaker facility. Assuming haul trucks average 8 miles per gallon, this would result in a reduction of 5,768 gallons of diesel fuel (15*3,076/8).

These facilities support the ability of the Terra Bella facility to operate at its design capacity of 122 million pounds of pistachios per year. However, Setton needs to expand the capacity to discharge the pistachio process wastewater, which is the focus of this project, as analyzed throughout this EIR.

HARVEST PROCESS AND WASTEWATER

In-hull pistachios harvested from the orchards and delivered to the Terra Bella facility are routed through a pre-cleaning stage to remove small twigs, leaves, and other debris. There are four pre-cleaning lines at the existing (western) huller and two pre-cleaning lines at the new (eastern) huller. The pistachios are hulled to prevent the shells from staining and also to prevent the production of toxins naturally found in pistachios. The hulling process uses water to lubricate nuts during hull removal, wash and sort nuts during the floater/sinker process, and washdown the equipment. The hulling wastewater, along with hulls and minor amounts of shells that are removed by the hullers are discharged to a hulling wastewater pit. From this pit, the wastewater with the solids is screened to separate the solids from the water. A process flow chart illustrating the steps in the treatment and discharge of the pistachio hulling wastewater is provided in Figure 2-2.

WASTEWATER DISCHARGE LIMIT

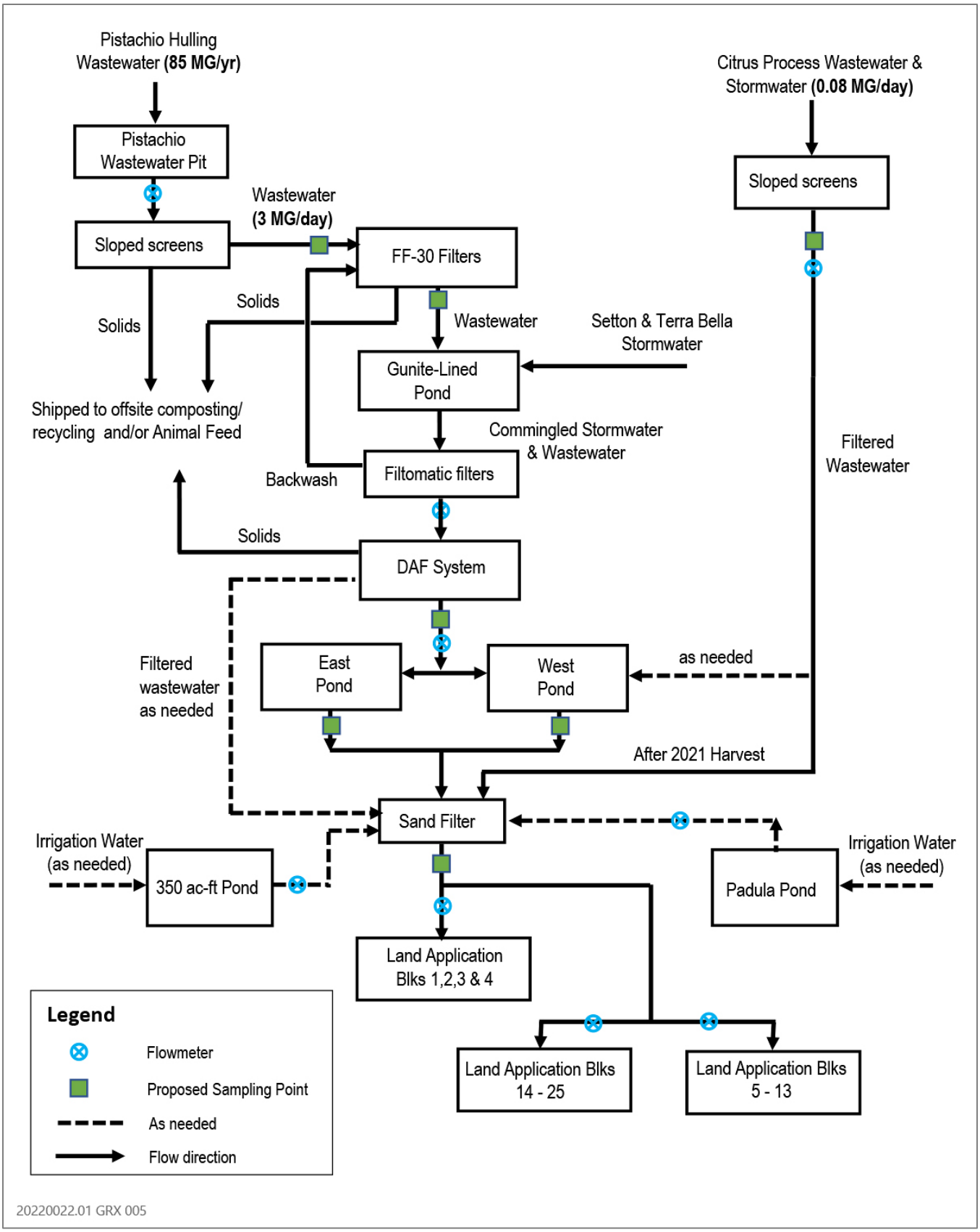
The Setton Pistachio Terra Bella Facility has a maximum daily wastewater discharge limit of 3.0 mgd, up to 60 million gallons annually, which is filtered, as described below, and utilized for irrigation of 872 acres of agricultural lands (Land Application Areas [LAAs]).

FILTRATION

Filtration is used to remove solids from all wastewater streams, which are ultimately used for beneficial uses such as crop irrigation. The facility currently has three filtration systems to remove solids from the wastewater. First, a set of parabolic (sloped) screens remove solids downstream from the pistachio pit and upstream of a gunite-lined pond. The first screen can remove solids down to 2,400 microns and the second screen can remove solids down to 800 microns. The screened solids are collected and trucked offsite by a licensed transportation company.

DISSOLVED AIR FLOATATION

The wastewater is then pumped into the dissolved air floatation (DAF) system for further solids removal. DAF works by dissolving air under pressure and then releasing millions of tiny air bubbles into the water at atmospheric pressure. This process allows the dissolved air bubbles to adhere to a suspended matter within the water, causing it to come to the surface to be skimmed away. The removal of solids reduces odors; the higher the percentage of organic solids separated from the water stream, the less source material remains in the wastewater to breakdown and generate odors. Operation of this system results in the approximate removal of greater than 90 percent of the Total Suspended Solids (TSS) from the wastewater stream. This allows direct land application of the DAF treated wastewater without clogging the sub-surface irrigation system.



Source: Image produced and provided by Trinity Consultants in 2023.

Figure 2-2 Harvest Wastewater Flowchart

From the DAF system, the wastewater stream goes into a gunite-lined pond from where the wastewater is pumped to the second filtration system. The filtered solids are back flushed to another concrete pit and pumped through the DAF system again to further remove suspended solids. The filtered wastewater is then routed to the East and West ponds for a short period prior to land application. The current pH limit of the treated wastewater at surface impoundments is 6.5 to 8.5 pH units. The water is temporarily held in these ponds then applied to crops through sub-surface irrigation systems on the Land Application Areas (LAAs).

AERATION

Aeration provides dissolved oxygen (DO) to the wastewater to support the biological and chemical oxidation of any odorous compounds and any precursors of odorous compounds. Surface aeration is used in the East and West ponds to treat the water as this type generally creates the maximum possible mixing and a high level of oxygen transfer. Two types of aerators are used at Setton: Paddle wheel aerators and Venturi aerators.

LAND APPLICATION AREAS

Land Application Areas (LAAs) are agricultural lands that are authorized by the Central Valley Regional Water Quality Control Board (Central Valley RWQCB) to receive treated wastewater from Setton's wastewater treatment facilities for irrigation purposes. Land application of the treated and filtered wastewater occurs via subsurface irrigation on the LAAs. Before entering the subsurface irrigation system, the wastewater is filtered again (third filtration system) in the sand filters to remove the finer solids to a size suitable for high-efficiency drip irrigation. Setton currently has 872 acres of LAAs.

SOLID WASTE

The Setton Pistachio Terra Bella Facility currently generates over 100 million pounds of agricultural hull bio-matter, a portion (12,500 tons) of which is composted and hauled off to composting and cattle feed locations outside of the project site, as follows:

- Air-Osa Dairy: 11275 Rd 96, Pixley, CA 93256 (24.1 miles)
- Borba Dairy: 14840 Rd 200, Porterville, CA 93257 (11.3 miles)
- Dairyland: 9441 Ave 104 Pixley, CA 93256 (20.2 miles)
- D & V Dairy: 15625 Ave 144, Tipton, CA 93272 (16.2 miles)
- De Boer Dairy: 14976 Ave 168, Tulare, CA 93274 (20.2 miles)
- Moonlight: 4974 Ave 272, Visalia, CA 93277 (44.9 miles, a few loads)
- Ranch Teresita Dairy: 21744 Rd 152, Tulare, CA 93274 (24.6 miles)
- Top o' the Morn: 17324 Rd 136, Tulare, CA 93274 (22.4 miles)
- Tri-Start Dairy: 12212 Ave 176, Tulare, CA 93274 (22.4 miles)
- Rainbow Orchards Compost: (7.3 miles)

Other solid waste generated at the Terra Bella facility is collected by H USA Waste, which provides garbage collection within the unincorporated community of Terra Bella. Solid waste is deposited at the Woodville Landfill, located south and east of the City of Tulare. The 1989 California Integrated Waste Management Act (AB 939) requires Tulare County to attain specific waste diversion goals. The Terra Bella facility is currently operating in compliance with all applicable Tulare County General Plan policies and municipal code regulations.

TRUCK TRIPS

The Setton Pistachio Terra Bella Facility averages 6,000 truckloads per year for pistachio deliveries, 3,000 truckloads per year for delivery of "finished" products, and 2,308 trips per year for off-hauling of solids to composting and cattle

feed locations. Based upon Setton Pistachio, the empty haul trucks originate from with the facility and pick up pistachios between 1 and approximately 400 miles.

ENERGY

In Tulare County, Southern California Edison (SCE) is the main provider of electricity and Southern California Gas provides natural gas. Per the 2022 facility upgrades and Authority to Construct permits, the SJVAPCD has permitted 260 million standard cubic feet of gas per year (MMscf/year) natural gas use for the Terra Bella facility, which is adequate for operation of the Terra Bella Facility at its design capacity (to process 122 million pounds of pistachios per year). Tracking with the harvest operations, in 2021, natural gas usage was 221 MMscf/year and 171 MMscf/year was used in 2022. Additionally, the Terra Bella facility currently uses approximately 12,642 megawatt-hours (MWh) of electricity, which is primarily provided by two photovoltaic (PV) systems totaling 1.7 MW. This system produces over 2.6 million kilowatt hours of energy. The balance of electrical demand is provided by Southern California Edison.

ODOR CONTROL

The Setton Pistachio Terra Bella Facility functions under an Updated Odor Control Plan (amended May 2022) (Appendix B). Odors from the pistachio processing and wastewater discharge are controlled through the use of chemical oxidizer and pH control chemicals, such as hydrogen peroxide, as well as the abandonment of the 350-acre-foot pond for pistachio process wastewater storage. The spike in odor complaints when the 350-acre-foot pond was in use dropped off distinctly after abandonment of that pond. There were approximately six confirmed odor complaints in 2021 and one confirmed complaint in 2022.

STAFFING

The Setton Pistachio Terra Bella Facility employs between 500 and 550 permanent people. During the peak harvesting and processing period, between August and October, an additional 500 to 550 temporary employees are added. Once peak harvest season is over, the staffing drops back down to the 500 to 550 permanent employees.

2.2 PROJECT NEED

For the Setton Terra Bella Pistachio Facility to utilize its current design capacity (to process up to 122 million pounds of pistachios per year) during the harvest season, additional wastewater discharge capacity is necessary. Therefore, Setton is proposing to add 89 acres of LAAs to expand their wastewater disposal capacity (from 872 acres to 961 acres of LAAs). Improvements to the existing wastewater treatment facilities are also proposed to protect the beneficial uses of water, prevent nuisance conditions, and comply with waste discharge requirements issued by the Central Valley RWQCB.

2.3 PROJECT OBJECTIVES

The project has been designed to meet the following objectives:

- allow the Setton Terra Bella Pistachio facility to fully utilize its current design capacity;
- expand wastewater treatment disposal capacity;
- protect beneficial uses of water[1];
- prevent nuisance conditions (odors); and
- comply with the waste discharge requirement issued by the Central Valley RWQCB.

[1] The Tulare Lake Basin Plan designates beneficial uses of groundwater in vicinity of the Terra Bella facility as suitable or potentially suitable, at a minimum, for municipal and domestic water supply (MUN), agricultural supply (AGR), industrial service supply (IND), industrial process supply (PRO), and wildlife habitat (WILD).

2.4 PROJECT LOCATION

The project would involve improvements to the existing Setton Terra Bella Pistachio Facility wastewater treatment facilities, the existing East and West storage ponds, and 89 acres of new LAAs (pistachio orchards with crop cover) on APNs 320-040-004, -005, -006, -007, -008, -009; 320-040-034; and 320-070-023, -024, and -025 (Figure 2-3). The project sites are owned by Setton Pistachio.

The Terra Bella facility is zoned Light and Heavy Manufacturing (M-1 and M-2) and is bordered by properties zoned Rural-Residential (R-A), General-Commercial and Mixed-Use (C-2-MU), and Light-Manufacturing (M-1) to the north; Single-Family Residential (R-1), Two-Family Residential (R-2), and Multiple-Family (R-3) to the east; Heavy-Manufacturing (M-2) and Rural-Residential (R-A) to the south; and Exclusive Agriculture (AE-10) to the west.

The pipeline connections and additional LAAs are located in the Exclusive Agriculture - 10-acre minimum (AE-10) zoning district, surrounded by lands also zoned AE-10. The proposed LAAs are surrounded by land developed with agriculture and local roads. The project area is relatively flat, sloping gently to the southwest with a slope of 20 to 40 feet per mile at elevations ranging from approximately 443 to 500 feet above mean sea level. Representative photographs of existing site conditions of the LAA areas, pipeline routes, and the East and West storage ponds are provided in Figure 2-4a-d.

2.5 PROJECT ELEMENTS

2.5.1 Land Application Area Expansion

To allow the Setton Pistachio Terra Bella Facility to fully utilize its current design capacity to process up to 122 million pounds of pistachios per year, Setton is proposing to add 89 acres of LAAs (from 872 acres to 961 acres) to expand the treated wastewater disposal capacity (Figure 2-3). The additional LAAs would allow Setton Pistachio to increase the annual wastewater discharge from 60 million gallons per year (MGY) to 85 MGY, a 30 percent increase over existing conditions (maximum daily discharge rates would remain at 3 million gallons).

The project would include installation of a 15-inch subsurface pipeline to connect the additional LAAs to the existing treated wastewater distribution pipelines as well as the installation of high-efficiency drip irrigation lines within the LAAs (Figure 2-3).

2.5.2 Encroachment Permits

As identified on Figure 2-3, two encroachment permits would be required from Tulare County RMA for the new subsurface pipeline, which would need to be installed under two county roads, Road 224 and Avenue 95, to reach two of the new LAAs.

2.5.3 Wastewater Treatment Improvements

Improvements to the existing wastewater treatment facilities are proposed to protect beneficial uses of water, prevent nuisance conditions, and comply with waste discharge requirements issued by the Central Valley RWQCB. Setton is proposing to add an additional fiber filter unit to the existing gunite-lined pond to remove excess solids from treated wastewater prior to its release into the East and West Ponds, where it is stored on a short-term basis for distribution to the LAAs.

Treated wastewater from the gunite-lined hulling pond and any stormwater during the harvest season are filtered, then pumped to the East and West Ponds. The retention time for wastewater in the ponds would be limited to two hours in each pond to prevent the degradation of remaining matter in the water that could cause odors. As an additional preventive measure, paddles would be installed in the West Pond and a venturi system would be installed in the East Pond to improve aeration to prevent septicity and odor production.

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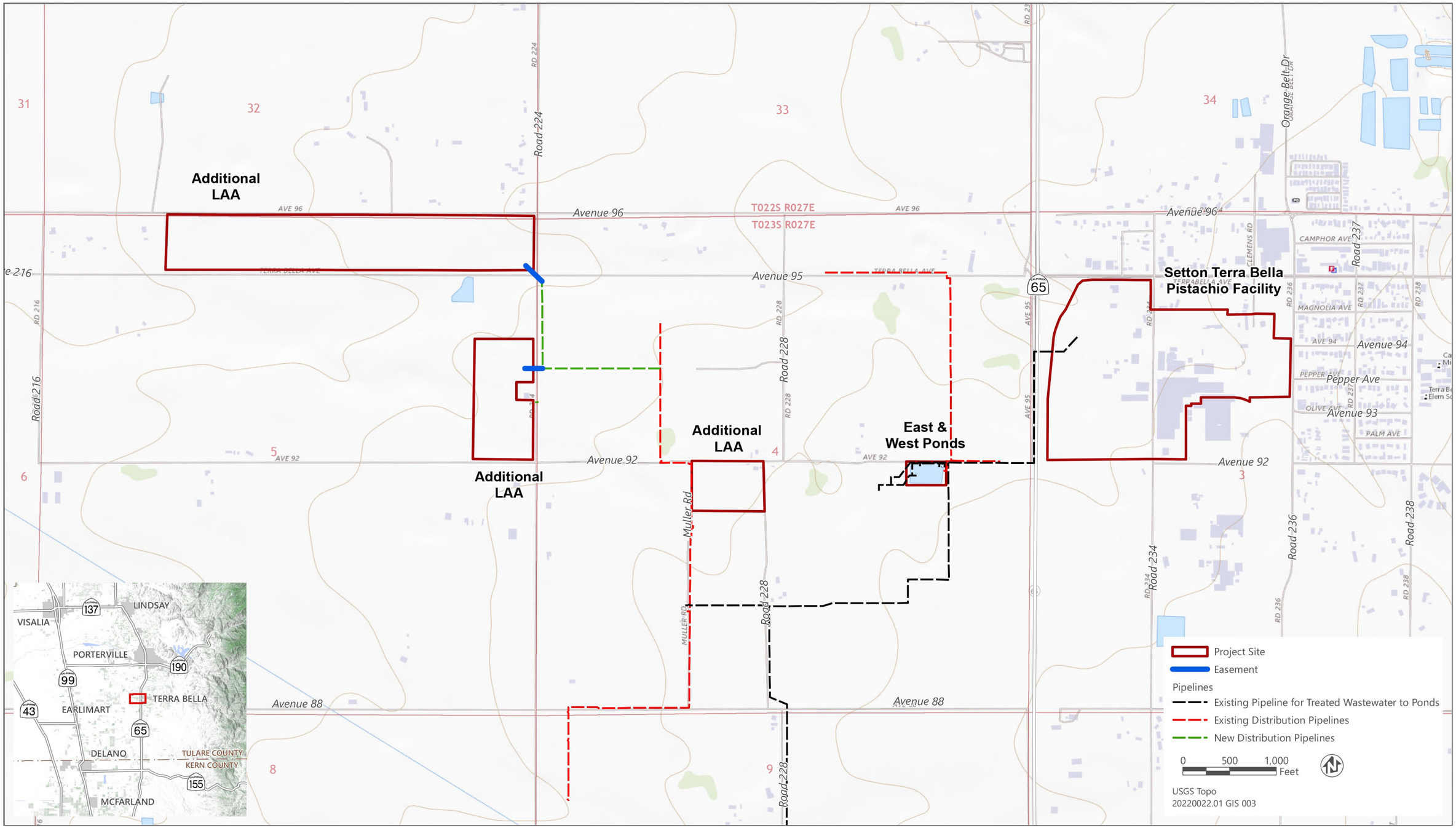


Source: adapted by Ascent Environmental in 2023.

Figure 2-3 Project Site Location

Source: Ascent Environmental in 2023.

Overview of LAA area with visible ground surface. North view. Taken on April 13, 2023.

Source: Ascent Environmental in 2023.

Overview of LAA area with wheat farm obscuring ground visibility. East view. Taken on April 13, 2023.

Figure 2-4a Additional LAA Locations

Source: Ascent Environmental in 2023.

Overview of area of proposed distribution pipeline, partially covered with fertilizer. North view. Taken on Taken on April 13, 2023.

Source: Ascent Environmental in 2023.

Overview of area of proposed distribution pipeline. East view. Taken on April 13, 2023.

Figure 2-4b New Distribution Pipeline Locations

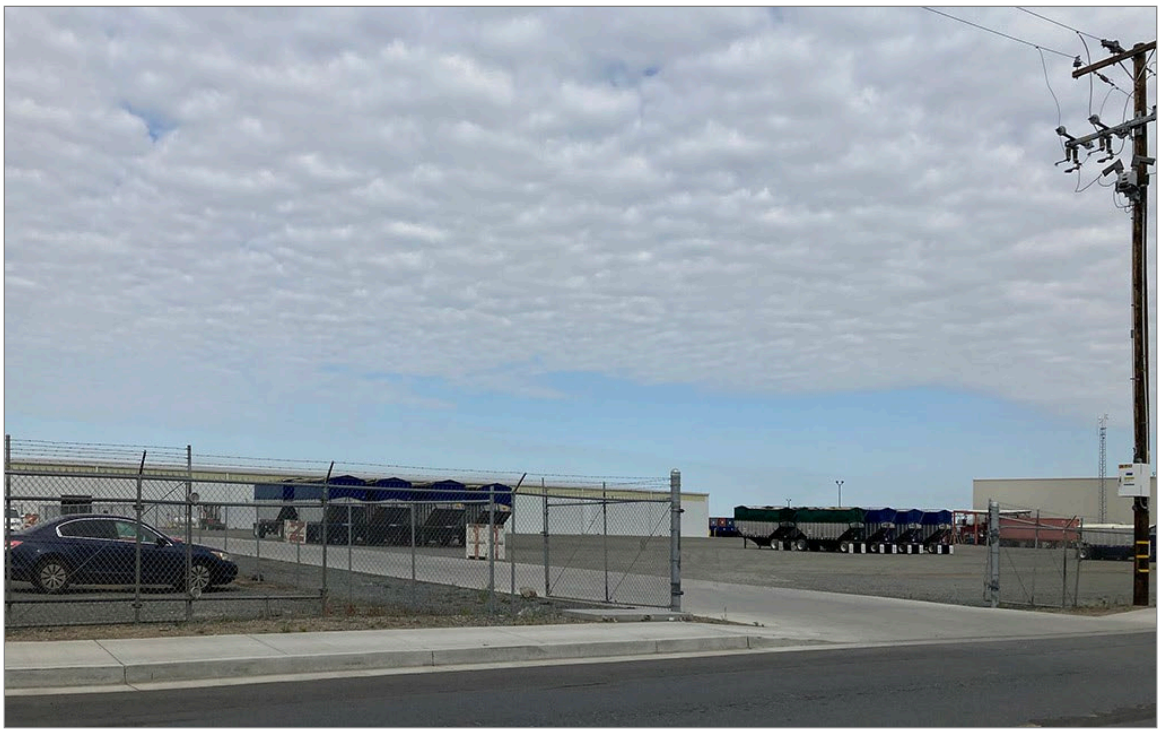
Source: Ascent Environmental in 2023.

Overview of west pond. East View. Taken on April 13, 2023.

Source: Ascent Environmental in 2023.

Overview of east pond. West view. Taken on April 13, 2023.

Figure 2-4c East and West Ponds



Source: Ascent Environmental in 2023.

Overview, western portion of the Terra Bella pistachio facility. West view. Taken on April 13, 2023.

Source: Ascent Environmental in 2023.

Overview, eastern portion of the Terra Bella pistachio facility. West view. Taken on April 13, 2023.

Figure 2-4d Setton Pistachio Facility

Both types of aerators would provide dissolved oxygen (DO) to ensure that carbonaceous biochemical oxygen demand in the treated effluent is degraded under aerobic conditions to prevent septicity and odor production.

Finally, as part of the existing Odor Control Plan for the Setton Pistachio Terra Bella Facility (Appendix B), chemical oxidizer and pH control chemicals, such as hydrogen peroxide have been used. It is anticipated that that the project would involve some use of hydrogen peroxide (50 percent solution) in the East and West Ponds to raise the DO levels, as needed. Lime may also be used to raise the pH levels in the ponds. Setton has requested that the current pH lower limit of the treated wastewater at surface impoundments for effluent be decreased from 6.5 to 4.5 pH units. If the Regional Board approves the proposed pH lower limit of 4.5, then lime would not be needed.

2.5.4 Increased Pistachio Harvest Operations

As stated above, the additional LAAs would allow the Terra Bella facility to fully utilize its current design capacity, to process up to 122 million pounds of pistachios. This would represent an increase of approximately 20.6 million pounds pistachios being processed (over the average for the facility of 101.4 million pounds per year). Processing that increased amount of pistachios would require increased operations at the Terra Bella facility. The project does not propose the construction or operation of any new mechanical or storage facilities at the Terra Bella facility. However, the existing operations would potentially extend over a longer period of time, potentially from eight to ten weeks. The anticipated changes due to the project-related increase in operations are described below.

SOLID WASTE

The project would result in a 20 percent increase in hull bio-matter, from 100 million pounds to approximately 120 million pounds of solid waste. The current limit of 12,500 tons of composting would not change as a result of the project.

Other solid waste generated at the Terra Bella facility would continue to be collected by H USA Waste, which provides garbage collection within the unincorporated community of Terra Bella. Solid waste would continue to be deposited at the Woodville Landfill, located south and east of the City of Tulare.

TRUCK TRIPS

Due to the expansion of capacity, operation of the project would result in an increase in daily haul truck trips (1,662 annual trips, with a maximum of 19 daily trips during harvest season). Although the trips would be spread across the year, the peak timeframe for trips would be the harvest processing season, which is anticipated to extend for approximately two more weeks, from August to October, and the haul routes would remain the same because the compost and cattle feed locations are not proposed to change. Trucks exit the Terra Bella facility via Road 234 north to Terra Bella Avenue, where they go west to State Route 65 or further west to disposal sites. Conservatively, assuming all the increase in trips would occur during the peak harvest and processing period from August through October (seven days a week), this would result in approximately 18 to 19 additional truck trips per day.

ENERGY

The project would not alter energy demand at the Terra Bella facility. As described above, in Section 2.1.1, "Existing Pistachio Harvest Operations," Setton received Authority to Construct permits from SJVAPCD that authorized natural gas and electricity usage that support the ability of the Terra Bella facility to operate at its design capacity of 122 million pounds of pistachios per year. The proposed increase in LAAs and discharge of the process wastewater would not require an increase in electrical or natural gas demand beyond what is currently permitted for the Terra Bella facility.

ODOR CONTROL

The project would not alter the existing Odor Control Plan (Appendix B) for the Terra Bella facility. As described above, the project would include installation of paddles in the West Pond and installation of a venturi system in the East Pond to improve aeration to prevent septicity and odor production.

STAFFING

The project would not change the existing permanent and peak harvest-period staffing at the Setton Pistachio Terra Bella Facility. There would continue to be between 500 and 550 permanent employees and an additional 500 to 550 temporary employees during the peak harvest season.

2.6 CONSTRUCTION

Construction of the project is anticipated to begin in August 2024 and take less than a month. Per Tulare County regulations, construction activity, including activities in staging areas and hauling of materials, would be restricted to daytime hours (7:00 a.m. to 7:00 p.m.), unless special permits are issued. No night construction is planned or anticipated. Minor grading and trenching would be necessary for installation of the pipelines. Trenches would be backfilled; no soil or other earthen material would be imported and none would be off-hauled. The sub-surface irrigation lines would be installed with a machine that cuts a shallow narrow trench, lays the irrigation line, and re-covers the surface soil in one pass. The machine would run back and forth across the new LAAs to install the irrigation lines, which may only take a few days to complete. Construction would not require any pile driving, blasting with explosives, or boring. The existing site drainage would not be modified and there would be no increase in impervious surfaces due to the project.

2.7 POTENTIAL PERMITS AND APPROVALS REQUIRED

2.7.1 State

Central Valley RWQCB

- Review and approval of Report of Waste Discharge
- National Pollutant Discharge Elimination System construction stormwater permit if more than one acre of soil is disturbed (Notice of Intent to proceed under General Construction Permit)

2.7.2 Local

Tulare County RMA

- Encroachment permits for pipelines under county roads

3 ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

3.1 APPROACH TO THE ENVIRONMENTAL ANALYSIS

This draft environmental impact report (Draft EIR) evaluates and discloses the environmental impacts associated with the Setton Pistachio Treated Wastewater Land Application Expansion Project (project), in accordance with the California Environmental Quality Act (CEQA) (Public Resources Code [PRC] Section 21000, et seq.) and the State CEQA Guidelines (California Code of Regulation, Title 14, Chapter 3, Section 1500, et seq.).

Sections 3.3 through 3.8 of this Draft EIR present a discussion of regulatory background, existing conditions, environmental impacts associated with construction and operation of the project, mitigation measures to reduce the level of impact, and residual level of significance (i.e., after application of mitigation, including impacts that would remain significant and unavoidable after application of all feasible mitigation measures). Issues evaluated in these sections consist of environmental topics identified for review in the notice of preparation (NOP) prepared for the project (see Appendix A of this Draft EIR):

- Section 3.3 Air Quality;
- Section 3.4 Archaeological, Historical, and Tribal Cultural Resources;
- Section 3.5 Biological Resources;
- Section 3.6 Energy;
- Section 3.7 Greenhouse Gas Emissions; and
- Section 3.8 Hydrology and Water Quality.

It should be noted that although Hazards and Hazardous Materials, Transportation, and Utilities and Service Systems were identified in the NOP for evaluation, as explained in Section 3.2, below, it has been determined that the project would not result in significant impacts to these resources.

Chapter 4 of this Draft EIR, "Cumulative Impacts," presents an analysis of the project's impacts considered together with those of other past, present, and probable future projects producing related impacts, as required by Section 15130 of the State CEQA Guidelines. Chapter 5, "Alternatives," presents a reasonable range of alternatives and evaluates the environmental effects of those alternatives relative to those of the project, as required by Section 15126.6 of the State CEQA Guidelines. Chapter 6, "Other CEQA Sections," includes an analysis of the project's growth inducing impacts, as required by Section 21100(b)(5) of CEQA.

Sections 3.3 through 3.8 of this Draft EIR each include the following components.

Regulatory Setting: This subsection presents information on the laws, regulations, plans, and policies that relate to the issue area being discussed. Regulations originating from the federal, state, and local levels are each discussed as appropriate.

Environmental Setting: This subsection presents the existing environmental conditions on the project site and in the surrounding area as appropriate, in accordance with State CEQA Guidelines Section 15125. The discussions of the environmental setting focus on information relevant to the issue under evaluation. The extent of the environmental setting area evaluated (the project study area) differs among resources, depending on the locations where impacts would be expected to occur. For example, the evaluation of air quality impacts considers the project contribution of emissions to the San Joaquin Valley Air Basin, which includes eight counties in the Central Valley: San Joaquin, Stanislaus, Merced, Madera, Fresno, Kings, Tulare and the San Joaquin Valley Air Basin portion of Kern. In contrast, odor impacts are localized and therefore only assessed for the project site and surrounding community, which is where the project could result in such impacts.

Environmental Impacts and Mitigation Measures: This subsection presents thresholds of significance and discusses significant and potentially significant effects of the Setton Pistachio Treated Wastewater Land Application Expansion Project on the existing environment, including the environment beyond the project boundaries, in accordance with State CEQA Guidelines Section 15126.2. The methodology for impact analysis is described, including technical studies upon which the analyses rely. The thresholds of significance are defined and thresholds for which the project would have no impact are disclosed and dismissed from further evaluation. Project impacts and mitigation measures are numbered sequentially in each subsection (Impact 3.3-1, Impact 3.3-2, Impact 3.3-3, etc.). A summary impact statement precedes a more detailed discussion of each environmental impact. The discussion includes the analysis, rationale, and substantial evidence on which conclusions are based. The determination of level of significance of the impact is presented in bold text. A "less-than-significant" impact is one that would not result in a substantial adverse change in the physical environment. A "potentially significant" impact or "significant" impact is one that would result in a substantial adverse change in the physical environment; both are treated the same under CEQA in terms of procedural requirements and the need to identify feasible mitigation. Mitigation measures are identified, as feasible, to avoid, minimize, rectify, reduce, or compensate for significant or potentially significant impacts, in accordance with the State CEQA Guidelines Section 15126.4. Unless otherwise noted, the mitigation measures presented are recommended in the EIR for consideration by the State to adopt as conditions of approval.

Where an existing law, regulation, or permit specifies mandatory and prescriptive actions about how to fulfill the regulatory requirement as part of the project definition, leaving little discretion in its implementation, and would avoid an impact or maintain it at a less-than-significant level, the environmental protection afforded by the regulation is considered before determining impact significance. Where existing laws or regulations specify a mandatory permit process for future projects, performance standards without prescriptive actions to accomplish them, or other requirements that allow substantial discretion in how they are accomplished, or have a substantial compensatory component, the level of significance is determined before applying the influence of the regulatory requirements. In this circumstance, the impact would be potentially significant or significant, and the regulatory requirements would be included as a mitigation measure.

This subsection also describes whether mitigation measures would reduce project impacts to less- than-significant levels. Significant-and-unavoidable impacts are identified as appropriate in accordance with State CEQA Guidelines Section 15126.2(b). Significant-and-unavoidable impacts are also summarized in Chapter 6, "Other CEQA Sections."

References: The full references associated with the references cited in Sections 3.3 through 3.8 are presented in Chapter 8, "References," organized by chapter or section number.

3.2 EFFECTS FOUND NOT TO BE SIGNIFICANT

It has been determined that the project would not significantly affect a number of environmental resource topics. Under the CEQA Statutes and the State CEQA Guidelines, a lead agency may limit an EIR's discussion of environmental effects when such effects are not considered potentially significant (PRC Section 21002.1[e]; State CEQA Guidelines Sections 15128, 15143). Information used to determine which impacts would be potentially significant was derived from review of the project plans for construction and operation; review of applicable planning documents and previous CEQA documentation; field surveys; feedback from agency consultation; and scoping comments received on the Notice of Preparation (NOP) (see Appendix A of this Draft EIR). The project effects found not to be significant are presented below.

3.1.1 Aesthetics

The project site and surrounding areas are flat and mostly rural with agricultural processing facilities mixed in, along with some commercial and residential development. There are views of agricultural fields and built wastewater facilities, but the site does not represent a scenic vista. In addition, the project site is not within a state scenic highway (Caltrans 2023). State Route (SR) 65, near the project site is not a state scenic highway. The nearest eligible state scenic highway, SR 190, is located approximately 12 miles northeast and the project would not be visible (Caltrans

2023). Additionally, the project site does not include trees determined to be scenic or of scenic value, the destruction of rock outcroppings, or degradation of any historic building(s).

The project would not result in new above-ground visible structures or new sources of light or glare. Rather, the project would install water pipes and irrigation lines underground and would place aerators in the existing ponds. The project would therefore not block or preclude public views to any areas containing important or what would be considered visually appealing landforms. Construction activities would occur during daytime hours, typically from 7:00 a.m. to 6:00 p.m. over less than a month. If any construction-related lighting would be necessary, it would be directed downward and shielded to focus illumination on the desired work area and prevent light spillage onto adjacent properties. Any use of temporary lighting during construction would be turned off by 6:00 p.m. and not used before 7:00 a.m. Vehicles and construction equipment could result in temporary sources of glare. However, construction would be completed in less than a month, equipment would move to the different LAAs as irrigation is installed, and the project site is surrounded by agricultural land. Therefore, temporary light or glare from construction would not adversely impact sensitive viewers from residences or public roadways. Furthermore, the project would be implemented in compliance with applicable County General Plan policies (ERM-1.15 Minimize Lighting Impacts, LU-7.19 Minimize Lighting Impacts, SL-1.2 Working Landscapes). Therefore, impacts to aesthetics would be less than significant and this issue is not discussed further in this EIR.

3.1.2 Agricultural and Forestry Resources

The project site consists of agricultural land, public roads, and the existing Setton Terra Bella Pistachio Facility (Terra Bella facility). No forestry resources or lands designated for forestry purposes are located within the project area. Surrounding land uses include agriculture, industrial, residential, and public roadways. The project site is identified as "Urban and Built-up Land", "Farmland of Local Importance", and "Farmland of Statewide Importance" (DOC 2022a). In addition, the additional LAAs are subject to a Williamson Act contract.

The project involves installation of irrigation lines to new LAAs; the LAAs are irrigated with wastewater that is regulated to allow certain crops, so the LAAs would support continued agricultural use. The project would not convert any farmland to non-agricultural use, would not conflict with adjacent agricultural land uses, and would not conflict with Williamson Act contract.

The project would have no impact on forestry resources and no impact on agricultural resources. Therefore, this topic is not discussed further in this EIR.

3.1.3 Geology and Soils

The project site is not located within an Alquist-Priolo Earthquake Fault Zone and no mapped active or potentially active fault traces are known to traverse the project site and there are no substantial faults known to occur in Tulare County (DOC 2015). Additionally, the project site is not within a seismic hazard zone for seismic-related ground failure, including liquefaction, or for landslides (DOC 2023). The project does not include structures for human habitation that could be affected by seismic hazards. Therefore, the project would not directly or indirectly cause substantial adverse effects involving seismic hazards or exacerbate earthquake potential in the project vicinity. Furthermore, the temporary ground disturbance related to trenching to install pipelines and irrigation lines would disturb a minimal amount of surface vegetation and soil and are consistent with regular agricultural operations. Installation of the pipelines and irrigation lines would not result in substantial soil erosion or the loss of topsoil.

If construction of the project is determined to disturb 1 acre of land or more, the project would require coverage under the General Construction Permit: State Water Resources Control Board (SWRCB) Water Quality Order No. 2009-0009-DWQ, National Pollution Discharge Elimination System (NPDES) General Permit No. CAS000002. Compliance with the NPDES General Construction Permit requires applicants to submit a notice of intent to the SWRCB and to prepare a stormwater pollution prevention plan (SWPPP). The SWPPP identifies best management practices (BMPs) that must be implemented to reduce construction effects on receiving water quality. The BMPs identified are directed at implementing both sediment and erosion control measures and other measures to control

potential chemical contaminants. The permit also requires dischargers to consider the use of post-construction permanent BMPs that remain in service to protect water quality throughout the life of the project. All NPDES permits also have inspection, monitoring, and reporting requirements.

The project does not involve the use of septic systems. Domestic water from the Setton Pistachio Terra Bella facility is discharged separately to the Terra Bella Sewer Maintenance District sewer collection system.

The depth of temporary site disturbance to install the pipelines and underground irrigation lines would not risk disturbance of paleontological materials.

Therefore, impacts to geology and soils would be less than significant and are not discussed further in this EIR.

3.1.4 Hazards and Hazardous Materials

A search of the Cortese List was conducted, which indicated that there are no hazardous or toxic sites on or within the vicinity of the project site (within 5,000-feet) (DTSC 2023). The project does not involve demolition of facilities and would not risk disturbance of materials containing asbestos or lead.

The project is not located within a quarter mile of a school; the nearest schools are Terra Bella Elementary School approximately 0.3 miles east and Carl F. Smith Middle School approximately 0.4 miles southeast of the project site. The project would not risk release of hazardous materials within a quarter mile of school.

The project is not located within two miles of a private airstrip or airport. There are no public airports within the vicinity of the project and no local airport land use plans. The nearest airport is the Porterville Municipal Airport located approximately 5.2 miles north of the project site. Therefore, the project would not result in a safety hazard or excessive noise.

Construction of the project would involve the transport and use of minor quantities of hazardous materials such as fuels, oils, lubricants, hydraulic fluids, paints, and solvents. The types and quantities of hazardous materials to be used and stored onsite would not be of a significant amount to create a reasonably foreseeable upset or accident condition. The handling and transport of all hazardous materials onsite would be performed in accordance with all applicable federal, State, and local laws and regulations.

The project would result in an increase in pistachio processing during the harvest. The existing Setton Pistachio Terra Bella facility utilizes ECO2FUME fumigant gas, which is a physical mixture of phosphine and carbon dioxide. Carbon dioxide, in a liquefied or solid state, can cause frostbite and freeze burns with contact. Carbon dioxide gas is an asphyxiant that depletes the amount of available oxygen in breathing air. Overexposure to carbon dioxide at low levels can cause headache, nausea, weakness, confusion, and labored breathing. Overexposure to higher concentrations can cause excitation, euphoria, dizziness, drowsiness, loss of consciousness, coma, and death. The 4-hour inhalation LC50 (rat) value is estimated to be >5,000 parts per million (ppm).

Phosphine has a 4-hour inhalation LC50 (rat) value of 57 ppm (0.079 mg/L). Inhalation overexposure is characterized by severe pulmonary irritation, dyspnea, dizziness, lethargy, and stupor. Human evidence indicates that pulmonary irritation and pulmonary edema are the main toxic effects of phosphine inhalation. Phosphine has also been shown to cause central nervous system depression and gastrointestinal irritation, as well as renal and hepatic toxicity. Acute inhalation overexposure to high concentrations of phosphine can be fatal.

Operations at the facility would be required to utilize these hazardous materials in compliance with the Safety Data Sheets, which were prepared in compliance with OSHA HazCom Standard 29 CFR 1910.1200 g0 and GHS Rev 03. These provide safety measures for the use of ECO2FUME fumigant gas, which include: hazard identification, first-aid measures, fire-fighting measures, accidental release measures, handling and storage, exposure controls/personal protection, disposal considerations, and transportation information. Furthermore, the facility would continue to operate in compliance with all applicable federal, State, and local laws and regulations for the routine transport, use, and storage of hazardous materials.

The Tulare County Emergency Operations Plan (EOP) establishes an emergency management organization and assigns functions and tasks consistent with California's Standardized Emergency Management System and the National Incident Management System. The EOP provides for the integration and coordination of planning efforts of the County with those of the cities, special districts, and Tule River Tribe comprising the Operational Area, as well as neighboring jurisdictions and the State. The EOP content is based on guidance from the State of California's Governor's Office of Emergency Services, the Federal Emergency Management Agency, and the U.S. Department of Homeland Security. The intent of the EOP is to facilitate coordinated emergency response and post emergency short-term recovery by providing a framework for response to all significant emergencies, regardless of the nature of the event (Tulare County 2023).

The project is consistent with Terra Bella Community Plan policies and criteria for emergency access and procedures. The project would not inhibit the ability of local roadways to continue to accommodate emergency response and evacuation activities or impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.

Impacts related to hazards and hazardous materials would be less than significant; therefore, this issue is not discussed further in this EIR.

3.1.5 Land Use and Planning

The Terra Bella facility is owned by Setton Pistachio and is zoned by Tulare County RMA as Light and Heavy Manufacturing (M-1 and M-2) and is bordered by properties zoned Rural-Residential (R-A), General-Commercial and Mixed-Use (C-2-MU), and Light-Manufacturing (M-1) to the north; Single-Family Residential (R-1), Two-Family Residential (R-2), and Multiple-Family (R-3) to the east; Heavy-Manufacturing (M-2) and Rural-Residential (R-A) to the south; and Exclusive Agriculture (AE-10) to the west. The pipeline connections and additional LAAs are located in the Exclusive Agriculture - 10 acre minimum (AE-10) zoning district, surrounded by lands also zoned AE-10.

The project would not alter the existing agricultural land uses of the new LAAs and the project site land uses would remain consistent with the County's General Plan designations. The project would not result in any above ground structures and would not divide an existing community. No land use impacts would occur, and this issue is not discussed further in this EIR.

3.1.6 Mineral Resources

Historic mineral resources located within Tulare County has included sand and gravel resources and to a lesser extent minerals such as asbestos, copper, gold, iron, and silver (Tulare County 2007). However, the project site is designated as MRZ-1, or areas that indicate that no significant mineral deposits are present (DOC 2022b). Installation of subsurface pipelines, irrigation lines, and improvements to the existing wastewater treatment facilities would not result in the loss of any known mineral resources. The project would have no impact on mineral resources; therefore, this issue is not discussed further in this EIR.

Noise and Vibration

Minor trenching would be necessary for installation of the pipelines. Construction may generate noise and groundborne vibration; however, these activities be short-term (less than a month), during daytime hours (between 7:00 a.m. and 7:00 p.m.), consistent the Tulare County Noise Ordinance. Additionally, the nearest airstrip is the Porterville Municipal Airport, which is located approximately 5 miles north of the project site, and the project would not involve any occupied structures.

As described below under Transportation, the project would result in an increase in daily haul truck trips (1,662 annual trips, with a maximum of 19 daily trips during harvest season). Although the trips would be spread across the year, the peak timeframe for trips would be the harvest processing season in approximately August to October and the haul routes would remain the same because the compost and cattle feed locations are not proposed to change. Trucks

exit the Terra Bella facility via Road 234 north to Terra Bella Avenue, where they go west to State Route 65 or further west to disposal sites. Conservatively, assuming all the increase in trips would occur during the peak harvest and processing period, which would extend for three months from August through October (seven days a week), this would result in approximately 18 to 19 additional truck trips per day. The noise levels due to the additional truck trips would be similar to current conditions, although they may occur for two weeks longer during the fall. The mobile-source noise due to the increased truck trips would therefore be less than significant.

Noise impacts would be less than significant; therefore, this issue is not discussed further in this EIR.

3.1.7 Population and Housing

The project would not include construction of new housing nor the removal of housing. The project would not displace existing people or housing and would not necessitate the construction of replacement housing elsewhere. The additional LAAs and operation of the Terra Bella facility at its design capacity would not support population growth or new housing. The agricultural land use designations would not change and the project would not extend roads or other infrastructure and therefore would not induce growth. The existing employees, which include 500 and 550 permanent employees and, between August and October, an additional 500 to 550 temporary employees, would continue to handle operations at the facility's design capacity to process 122 million pounds of pistachios per year. No increase in employees is needed or planned. Finally, construction would be short term (and the construction crew would be small, approximately five workers, which would likely be available from existing Setton employees, or from within the region). Therefore, the project would have no impact on population and housing; therefore, this issue is not discussed further in this EIR.

3.1.8 Public Services and Recreation

The Tulare County Fire Department (TCFD) provides fire prevention and protection services to the city of Terra Bella, including the project site. Fire stations closest to the project site include:

- Fire Station 21 at 23658 Avenue, Terra Bella, and
- Fire Station 10 at 20890 Grove Drive, Richgrove

Police protection within the project area is provided by the Tulare County Sheriff's Office (TCSO). The nearest Sheriff's substation is located in Porterville (approximately 10 miles north). Additional Sheriff services are available as needed via dispatch from the main Sheriff's Office in Visalia, CA.

The Terra Bella Union Elementary and Porterville Unified School Districts provide educational services to residents of the City of Terra Bella, as well as to the smaller communities and surrounding rural areas. Based on the most recent enrollment data from the California Department of Education, the Terra Bella Union Elementary School District currently serves 883 students, and the Porterville Unified School District currently serves 14,205 students (CDE 2023a; b).

There are no parks or recreational facilities within the project area or within the local unincorporated City of Terra Bella that would be affected by the project. Furthermore, the project does not include the use, construction, or expansion of parks or recreational facilities.

As stated above, the project would not increase the local population and would not result in any new above ground structures. Therefore, the project would not increase in demand for police or fire protection services, schools, or recreational facilities. The project would have no impact on public services and recreation; therefore, these issues are not discussed further in this EIR.

3.1.9 Transportation

Implementation of the project would not affect existing nor require new intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transits. The project would not modify existing roadway networks and

temporary construction vehicular travel would utilize existing roadways. Construction, which would take less than month, would not block public roadways, and would not alter emergency access. Furthermore, the existing employees, which include 500 and 550 permanent employees and, between August and October, an additional 500 to 550 temporary employees, would continue to handle operations at the facility's design capacity to process 122 million pounds of pistachios per year. No increase in employees is needed or planned.

Due to the expansion of capacity, the project would result in additional truck trips related to pistachio delivery, yard activities, finished product deliveries, and off-hauling hull bio-solids and trash. As described in Chapter 2, "Project Description," the project would result in an increase in daily haul truck trips (1,662 annual trips, with a maximum of 19 daily trips during harvest season). Although the trips would be spread across the year, the peak timeframe for trips would be the harvest processing season, which is anticipated to extend for approximately two more weeks, from August to October, and the haul routes would remain the same because the compost and cattle feed locations are not proposed to change. Trucks exit the Terra Bella facility via Road 234 north to Terra Bella Avenue, where they go west to State Route 65 (north/south) or further west to disposal sites. Conservatively, assuming all the increase in trips would occur during the peak harvest and processing period from August through October (seven days a week), this would result in approximately 18 to 19 additional truck trips per day.

Due to the low volume of increased daily trips during the peak harvest season and the fact that the trips are for goods movement, the project would not conflict with a program, plan, ordinance or policy addressing the circulation system.

The majority of trips generated by the project would be attributed to heavy vehicles used to transport agricultural goods and off-haul the hull bio-solids. CEQA Guidelines Section 15064.3(a) states that VMT refers to the amount and distance of **automobile** travel attributable to a project (**emphasis** added). The Governor's Office and Planning and Research (OPR) Technical Advisory describes that the term "automobile" as used in Section 15064.3(a), refers to on-road passenger vehicles, specifically cars and light trucks; heavy vehicles are not included in the definition. Furthermore, the Tulare County SB 743 Guidelines notes that goods movement is not subject to SB 743 (Tulare County 2020, pg. iv).

The stated intent of the Senate Bill (SB) 743 (Steinberg 2013) is to promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses. The greenhouse gas emissions of trips associated with heavy vehicles serving the project site are addressed in Section 3.7, "Greenhouse Gas Emissions," and through the implementation of statewide regulations such as CARB's Sustainable Freight Strategy, which will transition heavy-duty trucks operating within California to be 100 percent electric by 2045. Additionally, heavy vehicle trips associated with the project would occur regardless of the available modes of transportation (e.g., walking, bicycling, public transit) or the mix of land uses in the project vicinity. Therefore, limiting the VMT analysis to automobile travel would be consistent with the intent of the SB 743 and the ability to reduce GHG emissions from land use decisions and the availability of alternatives to automobile travel. As such, under CEQA, heavy vehicle VMT associated with hauling of agricultural goods and hull bio-solids is not considered a significant impact. Furthermore, the project would not result in any new employees and would therefore not increase automobile travel and would therefore not contribute to additional VMT.

The project is consistent with Terra Bella Community Plan policies and criteria for emergency access and procedures. The project would not inhibit the ability of local roadways to continue to accommodate emergency response and evacuation activities or impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan.

Project-related transportation impacts are less than significant; therefore, this issue is not discussed further in this EIR.

3.1.10 Utilities

Water is supplied by the Terra Bella Irrigation District. The project would increase the total water demand at the Terra Bella facility from the existing 60 million gallons annually to 85 million gallons annually, a 30 percent increase from existing conditions. The Terra Bella Irrigation District has a contract with the U.S. Bureau of Reclamation for 29,000 acre-feet of Class 1 water from the Friant Division of the Central Valley Project. Friant-Kern Canal carries water from Millerton Lake to the Tulare and Kern counties in the south. The increase of 25 million gallons (approximately 77 acre

feet) annually due to the project would not require any new entitlements and Terra Bella Irrigation District has sufficient water supply to serve the project. The increase of 25 million gallons (77 acre feet) represents 0.0027 percent of the District's contracted water.

The project would change the number of permanent or temporary employees at the Terra Bella facility. Therefore, the project would not increase wastewater, the need for wastewater treatment, nor would the project result in the need to construct additional wastewater conveyance or treatment facilities.

As explained in Section 2.1.2 of the Project Description, under "Solid Waste," the Setton Pistachio Terra Bella Facility currently generates over 100 million pounds of agricultural hull bio-matter, a portion of which (12,500 tons) is composted onsite and the remainder is hauled off to composting and cattle feed locations outside of the project site. The project would result in a 20 percent increase in hull bio-matter, increasing to approximately 120 million pounds of solid waste per year. The Terra Bella facility composting limit of 12,500 tons would not change due to the project. Rather, the additional hull bio-matter would continue to be trucked to the off-site composting and cattle feed locations listed in Chapter 2. Those ten facilities have capacity to receive the additional bio-matter; in fact, numerous facilities have requested to receive more.

Other solid waste generated at the Terra Bella facility is collected by H USA Waste, which provides garbage collection within the unincorporated community of Terra Bella. Solid waste is deposited at the Woodville Landfill, located south and east of the City of Tulare. The 1989 California Integrated Waste Management Act (AB 939) requires Tulare County to attain specific waste diversion goals. The Terra Bella facility is currently operating in compliance with all applicable Tulare County General Plan policies and municipal code regulations, and the project would be reviewed for compliance with County policies and municipal code regulations.

Project-related utility impacts are less than significant; therefore, this issue is not discussed further in this EIR.

3.1.11 Wildfire

The project site and surrounding land uses are not designated as a high fire hazard severity zone and are not located within a state responsibility area (CAL FIRE 2022); rather, Terra Bella, including the project site is within a Local Responsibility Area. The nearest "moderate" fire hazard severity zone is approximately six miles south (Ducor) and the nearest "high" fire hazard severity zone is approximately seven miles to the east along Tennessee Ridge. Due to the site's location and the flat surrounding terrain, the risk of wildfire is low. The project would not alter the agricultural land use, but rather would add irrigation to the proposed LAAs. In addition, the project site is not located within the vicinity of high voltage transmission lines; the nearest high voltage electrical transmission lines are outside the eastern portion of Terra Bella, parallel to Road 248. Furthermore, the water sources at Setton Pistachio Terra Bella could be used as an emergency source for firefighting. The project would not exacerbate wildfire risk; therefore, this issue is not discussed further in this EIR.

3.3 AIR QUALITY

This section includes a discussion of existing air quality conditions, a summary of applicable regulations, and an analysis of potential construction and operational air quality impacts caused by proposed development of the improvements to the Setton Terra Bella Pistachio facility's (facility) existing wastewater treatment facilities, East and West storage ponds, and 89 acres of new Land Application Areas (LAAs) (referred to as the "project"). Mitigation is developed as necessary to reduce significant air quality impacts to the extent feasible.

Public comments received in response to the notice of preparation included the following topics: the need to evaluate reasonably foreseeable effects of implementation of the project related to increased operational capacity, potential odors from operation of the project, and construction and operations emissions.

3.3.1 Regulatory Setting

Air quality in the project area is regulated through the efforts of various federal, state, regional, and local government agencies. These agencies work jointly, as well as individually, to improve air quality through legislation, planning, policy making, education, and a variety of programs. The agencies responsible for improving air quality within the San Joaquin Valley Air Basin (SJVAB) are discussed below.

REGULATORY

Federal Plans, Regulations, and Laws

The U.S. Environmental Protection Agency (EPA) has been charged with implementing national air quality programs. EPA's air quality mandates draw primarily from the federal Clean Air Act (CAA), which was enacted in 1970. The most recent major amendments were made by Congress in 1990. EPA's air quality efforts address both criteria air pollutants and hazardous air pollutants (HAPs).

Criteria Air Pollutants

The CAA required EPA to establish National Ambient Air Quality Standards (NAAQS) for six common air pollutants found all over the U.S., referred to as criteria air pollutants. EPA has established primary and secondary NAAQS for the following criteria air pollutants: ozone (O_3), carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), respirable particulate matter with aerodynamic diameter of 10 micrometers or less (PM_{10}) and fine particulate matter with aerodynamic diameter of 2.5 or less ($PM_{2.5}$), and lead (Pb). Criteria air pollutants are compounds that, at certain concentrations, can cause harm to human and animal health and the environment. Extensive scientific and economic research has been conducted to evaluate the specific concentrations where these pollutants may cause harm to health and environment and are reflected in EPA's NAAQS, which are shown in Table 3.3-1. The primary standards protect public health and the secondary standards protect public welfare. The CAA also required each state to prepare a state implementation plan (SIP) for attaining and maintaining the NAAQS. The federal Clean Air Act Amendments of 1990 added requirements for states with nonattainment areas to revise their SIPs to incorporate additional control measures to reduce air pollution. EPA is responsible for reviewing all SIPs to determine whether they conform to the mandates of the CAA and its amendments, and whether implementation will achieve air quality goals. If EPA determines a SIP to be inadequate, EPA may prepare a federal implementation plan that imposes additional control measures. If an approvable SIP is not submitted or implemented within the mandated time frame, sanctions may be applied to transportation funding and stationary air pollution sources in the air basin.

California's SIP is updated periodically to reflect the latest emissions inventories, planning documents, and rules and regulations of the air basins as reported by their jurisdictional agencies. The current SIP is a compilation of plans and regulations that govern how the region and state will comply with the CAA requirements to attain and maintain the NAAQS for ozone and $PM_{2.5}$.

Table 3.3-1 National and California Ambient Air Quality Standards

Pollutant	Averaging Time	California (CAAQS)[a,b]	National (NAAQS)[c]	
			Primary[b,d]	Secondary[b,e]
Ozone	1-hour	0.09 ppm (180 µg/m^3)	–[e]	Same as primary standard
	8-hour	0.070 ppm (137 µg/m^3)	0.070 ppm (147 µg/m^3)	
Carbon monoxide (CO)	1-hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)	Same as primary standard
	8-hour	9 ppm[f] (10 mg/m^3)	9 ppm (10 mg/m^3)	
Nitrogen dioxide (NO_2)	Annual arithmetic mean	0.030 ppm (57 µg/m^3)	53 ppb (100 µg/m^3)	Same as primary standard
	1-hour	0.18 ppm (339 µg/m^3)	100 ppb (188 µg/m^3)	—
Sulfur dioxide (SO_2)	24-hour	0.04 ppm (105 µg/m^3)	—	—
	3-hour	—	—	0.5 ppm (1300 µg/m^3)
	1-hour	0.25 ppm (655 µg/m^3)	75 ppb (196 µg/m^3)	—
Respirable particulate matter (PM_{10})	Annual arithmetic mean	20 µg/m^3	—	Same as primary standard
	24-hour	50 µg/m^3	150 µg/m^3	
Fine particulate matter ($PM_{2.5}$)	Annual arithmetic mean	12 µg/m^3	12.0 µg/m^3	15.0 µg/m^3
	24-hour	—	35 µg/m^3	Same as primary standard
Lead [f]	Calendar quarter	—	1.5 µg/m^3	Same as primary standard
	30-Day average	1.5 µg/m^3	—	—
	Rolling 3-Month Average	–	0.15 µg/m^3	Same as primary standard
Hydrogen sulfide	1-hour	0.03 ppm (42 µg/m^3)	No national standards	
Sulfates	24-hour	25 µg/m^3		
Vinyl chloride [f]	24-hour	0.01 ppm (26 µg/m^3)		
Visibility-reducing particulate matter	8-hour	Extinction of 0.23 per km		

Notes: µg/m^3 = micrograms per cubic meter; km = kilometers; ppb = parts per billion; ppm = parts per million.

a California standards for ozone, carbon monoxide, SO_2 (1- and 24-hour), NO_2, particulate matter, and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25 degrees Celsius (°C) and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

c National standards (other than ozone, particulate matter, and those based on annual averages or annual arithmetic means) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration in a year, averaged over three years, is equal to or less than the standard. The PM_{10} 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than one. The $PM_{2.5}$ 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. Environmental Protection Agency for further clarification and current federal policies.

d National primary standards: The levels of air quality necessary, with an adequate margin of safety to protect public health.

e National secondary standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

f The California Air Resources Board has identified lead and vinyl chloride as toxic air contaminants with no threshold of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

Source: CARB 2016.

The National Highway Traffic Safety Administration (NHTSA) also regulates vehicle emissions through the Corporate Average Fuel Economy (CAFE) Standards.

The CAFE Standards, which were first enacted by Congress in 1975, set fleet-wide averages that must be achieved by each automaker for its car and truck fleet. The purpose of the CAFE Standards is to reduce energy consumption by increasing the fuel economy of cars and light trucks. On April 1, 2022, Department of Transportation (DOT} Secretary unveiled new CAFE standards for 2024–2026 model year passenger cars and light-duty trucks, requiring new vehicles sold in the US to average at least 40 miles per gallon.

The EPA has also established a number of emission standards for on- and off-road heavy-duty diesel engines used in trucks and other equipment. This was done in part because diesel engines are a significant source of oxides of nitrogen (NO_X), PM_{10}, and $PM_{2.5}$, and because the EPA has identified diesel particulate matter (DPM) as a probable carcinogen. Implementation of the heavy-duty diesel on-road vehicle standards and the non-road diesel engine standards are estimated to reduce particulate matter and NO_X emissions from diesel engines up to 95 percent in 2030 when the heavy-duty vehicle fleet is completely replaced with newer heavy-duty vehicles that comply with these emission standards (EPA 2004:2-1).

In concert with the diesel engine emission standards, EPA regulations have also substantially reduced the amount of sulfur allowed in diesel fuels. The sulfur contained in diesel fuel is a significant contributor to the formation of particulate matter in diesel-fueled engine exhaust. The new standards reduced the amount of sulfur allowed by 97 percent for highway diesel fuel (from 500 parts per million by weight [ppmw] to 15 ppmw), and by 99 percent for off-highway diesel fuel (from about 3,000 ppmw to 15 ppmw). The low sulfur highway fuel (15 ppmw sulfur), also called ultra-low sulfur diesel is currently required for use by all vehicles in the U.S. (EPA 2023a). All the aforementioned federal diesel engine and diesel fuel requirements have been adopted by California, in some cases with modifications making the requirements more stringent or the implementation dates sooner.

Hazardous Air Pollutants and Toxic Air Contaminants

The toxic air contaminants (TACs), or in federal parlance, HAPs, are a defined set of airborne pollutants that may pose a present or potential hazard to human health. A TAC is defined as an air pollutant that may cause or contribute to an increase in mortality or in serious illness, or that may pose a hazard to human health. TACs are usually present in minute quantities in the ambient air; however, their high toxicity or health risk may pose a threat to public health even at low concentrations.

A wide range of sources, from industrial plants to motor vehicles, emit TACs. The health effects associated with TACs are quite diverse and generally are assessed locally, rather than regionally. TACs can cause long-term health effects such as cancer, birth defects, neurological damage, asthma, bronchitis, or genetic damage; or short-term acute effects such as eye watering, respiratory irritation (a cough), running nose, throat pain, and headaches.

For evaluation purposes, TACs are separated into carcinogens and non-carcinogens based on the nature of the physiological effects associated with exposure to the pollutant. Carcinogens are assumed to have no safe threshold below which health impacts would not occur. This contrasts with criteria air pollutants for which acceptable levels of exposure can be determined and for which the ambient standards have been established (Table 3.3-1). Cancer risk from TACs is expressed as excess cancer cases per one million exposed individuals, typically over a lifetime of exposure.

EPA regulates HAPs through its National Emission Standards for Hazardous Air Pollutants (NESHAPs). The standards for a particular source category require the maximum degree of emission reduction that the EPA determines to be achievable, which is known as the Maximum Achievable Control Technology—MACT standards. These standards are authorized by Section 112 of the 1970 CAA and the regulations are published in 40 CFR Parts 61 and 63.

STATE PLANES, POLICIES, REGULATIONS, AND LAWS

California Air Resources Board

The California Air Resources Board (CARB) is the agency responsible for coordination and oversight of state and local air pollution control programs in California and for implementing the California Clean Air Act (CCAA). The CCAA, which was adopted in 1988, required CARB to establish California Ambient Air Quality Standards (CAAQS) (see Table 3.3-1).

Criteria Air Pollutants

CARB has established CAAQS for sulfates, hydrogen sulfide, vinyl chloride, visibility-reducing particulate matter, and the above-mentioned federally regulated criteria air pollutants (O_3, CO, NO_2, SO_2, PM_{10} and $PM_{2.5}$). In most cases the CAAQS are more stringent than the NAAQS (see Table 3.3-1). Differences in the standards are generally explained by the health effects studies considered during the standard-setting process and the interpretation of the studies. In addition, the CAAQS incorporates a margin of safety to protect sensitive individuals.

The CCAA requires that all local air districts in the state endeavor to attain and maintain the CAAQS by the earliest date practical. The CCAA specifies that local air districts should focus particular attention on reducing the emissions from transportation and area-wide emission sources. The CCCA also provides air districts with the authority to regulate indirect sources, such as vehicle movement and residential, commercial, and industrial development.

Toxic Air Contaminants

TACs in California are regulated primarily through the Tanner Air Toxics Act (AB 1807, Chapter 1047, Statutes of 1983) and the Air Toxics Hot Spots Information and Assessment Act of 1987 (AB 2588, Chapter 1252, Statutes of 1987). AB 1807 sets forth a formal procedure for CARB to designate substances as TACs. Research, public participation, and scientific peer review are required before CARB can designate a substance as a TAC. To date, CARB has identified more than 21 TACs and adopted EPA's list of HAPs as TACs (CARB 1993). Most recently in 1998, particulate matter exhaust from diesel engines (DPM) was added to CARB's list of TACs (CARB n.d.).

After a TAC is identified, CARB then adopts an airborne toxics control measure (ATCM) for sources that emit that particular TAC. If a safe threshold exists for a substance at which there is no toxic effect, the control measure must reduce exposure below that threshold. If no safe threshold exists, the measure must incorporate best available control technology (BACT) for toxics to minimize emissions.

The Hot Spots Act requires that existing facilities that emit toxic substances above a specified level prepare an inventory of toxic emissions, prepare a risk assessment if emissions are significant, notify the public of significant risk levels, and prepare and implement risk reduction measures.

CARB has adopted diesel exhaust control measures and more stringent emissions standards for various transportation-related mobile sources of emissions, including transit buses, and off-road diesel equipment (e.g., tractors, generators). Over time, the replacement of older vehicles will result in a vehicle fleet that produces substantially lower levels of TACs than under current conditions. Mobile-source emissions of TACs (e.g., benzene, 1-3-butadiene, diesel PM) have been reduced significantly over the last decade and will be reduced further in California through a progression of regulatory measures (e.g., Low Emission Vehicle/Clean Fuels and Phase II reformulated gasoline regulations) and control technologies. With implementation of CARB's Risk Reduction Plan, it is expected that DPM concentrations will be 85 percent less in 2020 in comparison to year 2000 (CARB 2000). Adopted regulations are also expected to continue to reduce formaldehyde emissions emitted by cars and light-duty trucks. As emissions are reduced, it is expected that risks associated with exposure to the emissions will also be reduced.

LOCAL PLANS, POLICIES, REGULATIONS, AND ORDINANCES

Terra Bella Community Plan

The original Terra Bella Community Plan (Community Plan) was adopted in December of 2004 and amended by General Plan Amendment (GPA) 01-005. The Community Plan is a collection of goals, objectives, and policies for the physical development of the unincorporated community of Terra Bella. The plan outlines community goals regarding

physical development and serves to promote the general welfare of the community. The plan (GPA 01-005) serves as a general guide for both public and private decisions affecting the community, and provides for the overall direction, density, and type of growth consistent with the needs of the community. The Terra Bella Community Plan 2015 Update (Community Plan Update) was adopted on November 3, 2015, and emphasizes land use and circulation (active transportation and complete streets), and infrastructure planning. Included in the Community Plan Update are General Plan policies and goals as well as community-specific policies and goals. The community-specific goals included in the Community Plan Update do not relate to air quality and are therefore not included. The following General Plan policies and goals related to air quality included in the Community Plan Update would apply to the project:

- AQ-1.4 Air Quality Land Use Compatibility: The County shall evaluate the compatibility of industrial or other developments which are likely to cause undesirable air pollution with regard to proximity to sensitive land uses, and wind direction and circulation in an effort to alleviate effects upon sensitive receptors.
- AQ-1.7 Support Statewide Climate Change Solutions: The County shall monitor and support the efforts of Cal/EPA, CARB, and the SJVAPCD, under AB 32 (Health and Safety Code §38501 et seq.), to develop a recommended list of emission reduction strategies. As appropriate, the County will evaluate each new project under the updated General Plan to determine its consistency with the emission reduction strategies.
- AQ-2.2 Indirect Source Review: The County shall require major development projects, as defined by the SJVAPCD, to reasonably mitigate air quality impacts associated with the project. The County shall notify developers of SJVAPCD Rule 9510 – Indirect Source Review requirements and work with SJVAPCD to determine mitigations, as feasible, that may include, but are not limited to the following:
  - Providing bicycle access and parking facilities;
  - Increasing density;
  - Encouraging mixed use developments;
  - Providing walkable and pedestrian-oriented neighborhoods;
  - Providing increased access to public transportation;
  - Providing preferential parking for high-occupancy vehicles, car pools, or alternative fuels vehicles; and
  - Establishing telecommuting programs or satellite work centers.
- AQ-3.5 Alternative Energy Design: The County shall encourage all new development, including rehabilitation, renovation, and redevelopment, to incorporate energy conservation and green building practices to [the] maximum extent feasible. Such practices include, but are not limited to: building orientation and shading, landscaping, and the use of active and passive solar heating and water systems.

Tulare County General Plan 2030 Update

Tulare County last updated their General Plan in 2012. Now the Tulare County General Plan 2030 Update (General Plan Update), the General Plan Update is a comprehensive, long-term plan for the future land use and physical development of the County though the year 2030. Policies within the General Plan Update that pertain to air quality and are applicable to the project are listed below. Note that some policies are not included in this list because they are already listed above under "Terra Bella Community Plan".

- AQ-1 To improve air quality through a regional approach and interagency cooperation.
  - AQ-1.1 Cooperation with Other Agencies: The County shall cooperate with other local, regional, Federal, and State agencies in developing and implementing air quality plans to achieve State and federal Ambient Air Quality Standards. The County shall partner with the SJVAPCD, Tulare County Association of Governments (TCAG), and the California Air Resource Board to achieve better air quality conditions locally and regionally.
  - AQ-1.2 Cooperation with Local Jurisdictions: The County shall participate with cities, surrounding counties, and regional agencies to address cross-jurisdictional transportation and air quality issues.

- **AQ-1.3 Cumulative Air Quality Impacts:** The County shall require development to be located, designed, and constructed in a manner that would minimize cumulative air quality impacts. Applicants shall be required to propose alternatives as part of the State CEQA process that reduce air emissions and enhance, rather than harm, the environment.
- **AQ-1.5 California Environmental Quality Act (CEQA) Compliance:** The County shall ensure that air quality impacts identified during the CEQA review process are consistently and reasonable mitigated when feasible.

- **AQ-4** To implement the best available controls and monitoring necessary to regulate air emissions.
  - **AQ-4.1 Air Pollution Control Technology:** The County shall utilize the BACM and RACM as adopted by the County to support SJVAPCD air quality attainment plans to achieve and maintain healthful air quality and high visibility standards. These measures shall be applied to new development approvals and permit modifications as appropriate.
  - **AQ-4.2 Dust Suppression Measures:** The County shall require developers to implement dust suppression measures during excavation, grading, and site preparation activities consistent with SJVAPCD Regulation VIII - Fugitive Dust Prohibitions. Techniques may include, but are not limited to, the following:
    - Site watering or application of dust suppressants,
    - Phasing or extension of grading operations,
    - Covering of stockpiles,
    - Suspension of grading activities during high wind periods (typically winds greater than 25 miles per hour), and
    - Revegetation of graded areas.

San Joaquin Valley Air Pollution Control District

Criteria Air Pollutants

The San Joaquin Valley Air Pollution Control District (Air District or SJVAPCD) is the primary agency responsible for meeting the NAAQS and CAAQS in the SJVAB. The SJVAB has been designated as nonattainment with respect to the NAAQS and CAAQS for ozone and $PM_{2.5}$ (Table 3.3-3) (CARB 2020, EPA 2023b). The Air District works with CARB and EPA to maintain the region's portion of the SIP for ozone and $PM_{2.5}$.

The Air District also enforces air quality regulations, educates the public about air quality, and implements a number of programs to provide incentives for the replacement or retrofit of older diesel engines, including agricultural-related equipment and vehicles, and replacement of low-dust nut harvesters (SJVAPCD n.d.). The Air District's air quality guidance also influences land use development in the SJVAB by providing decision makers with suggested goals, policies, and science pertaining to siting receptors to known or planned locations of stationary and/or mobile sources of air pollution (SJVAPCD 2015a).

The Air District adopted its 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ NAAQS Standards ($PM_{2.5}$ Plan) on November 15, 2018. The $PM_{2.5}$ Plan utilizes extensive science and research, state of the art air quality modeling, and best available information to develop a strategy to attain the federal health-based 1997, 2006, and 2012 NAAQS (SJVAPCD 2018). Additionally, The Air District adopted its 2016 Ozone Plan for 8-Hour Ozone NAAQS Standard (2016 Ozone Plan) in June 2016. The 2016 Ozone Plan provides a comprehensive strategy to reduce NO_X emissions, which combine with reactive organic gases (ROG) to form ground-level ozone, by 60 percent between 2012 and 2031 to assist the SJVAB in attaining the 2008 8-hour ozone NAAQS (SJVAPCD 2016).

All projects are subject to adopted Air District rules and regulations in effect at the time of construction. Specific rules applicable to the project may include but are not limited to the following:

- **Regulation VIII—Fugitive Dust PM_{10} Prohibitions:** Rules 8011–8081 are designed to reduce PM_{10} emissions (predominantly dust and dirt) generated by human activity, including construction and demolition activities, road construction, bulk materials storage, paved and unpaved roads, carryout and track out, and landfill operations.

Compliance with Regulation VIII is mandatory and enforced through civil penalties, so compliance by the project proponent is assumed in this analysis. The Air District is made aware of actions that violate their regulations and rules, such as Regulation VIII, and may investigate claims that, if found to be accurate, may incur financial penalties.

- **Rule 2010—Permits Required:** This rule applies to anyone who plans to or does operate, construct, alter, or replace any source operation that may emit air contaminants or may reduce the emission of air contaminants. The proposed project would be subject to Air District permitting requirements for stationary sources such as boilers or back-up generators.
- **Rule 2201—New and Modified Stationary Source Review Rule:** This rule applies to all new stationary sources and all modifications of existing stationary sources. Stationary sources are subject to Air District permit requirements if, after construction, they emit or may emit one or more affected pollutant.
- **Rule 3180—Administration Fees for Indirect Source Review:** This rule serves to recover the Air District's costs for administering the requirements of Rule 9510, Indirect Source Review (summarized below).
- **Rule 3135—Dust Control Plan Fee:** This rule requires applicants to submit a fee in addition to a dust control plan. The purpose of this fee is to recover the Air District's cost for reviewing such plans and conducting compliance inspections.
- **Rule 4002—National Emissions Standards for Hazardous Air Pollutants**: This rule applies to all stationary sources of HAPs and requires them to comply with the standards, criteria, and requirements set forth therein.
- **Rule 4101—Visible Emissions:** This rule prohibits emissions of visible air contaminants to the atmosphere and applies to any source operation that emits or may emit air contaminants.
- **Rule 4102—Nuisance:** This rule applies to any source operation that emits or may emit air contaminants, including odors, or other materials. If such emissions create a public nuisance, the owner/operator could be in violation and be subject to enforcement action by the Air District. However, this rule does not apply to odors emanating from agricultural operations. Because the project is classified as an agricultural land use, it would therefore be exempt from this rule.
- **Rule 4601—Architectural Coatings:** This rule limits ROG from architectural coatings by specifying storage, cleanup, and labeling requirements for architectural coatings. This rule also establishes ROG limits for various architectural coating types.
- **Rule 4622—Gasoline Transfer Into Motor Vehicle Fuel Tanks:** The purpose of this rule is to limit emissions of gasoline vapors from the transfer of gasoline into motor vehicle fuel tanks. This rule applies to any gasoline storage and dispensing operation or mobile fueler from which gasoline is transferred into motor vehicle fuel tanks.
- **Rule 4641—Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations:** This rule applies to the manufacture and use of certain asphalt types for paving and maintenance operations.
- **Rule 9510—Indirect Source Review:** This rule, also referred to as ISR, is intended to reduce or mitigate emissions of NO_X and PM_{10} from the construction- and operation-related emissions of new land use development in the SJVAB. This rule requires specific percentage reductions in estimated onsite construction and operation emissions, and/or payment of a prescribed off-site mitigation fee for required reductions that cannot be met on the project site. Construction emissions of NO_X and PM_{10} exhaust must be reduced by 20 percent and 45 percent, respectively. Operational emissions of NO_X and PM_{10} must be reduced by 33.3 percent and 50 percent, respectively. The rule applies to residential developments of 50 units or more, and commercial development projects of 2,000 square feet and larger. Agricultural projects are not subject to Rule 9510, so the proposed project would not be subject to ISR. The provisions of Rule 9510 are described in more detail in the analysis of environmental impacts and mitigation measures.

The Air District's *Guidance for Assessing and Mitigating Air Quality Impacts* (GAMAQI) is an advisory document that provides lead agencies, consultants, and project applicants with analysis guidance and uniform procedures for addressing air quality in environmental documents. The GAMAQI describes the criteria that the Air District uses when reviewing and commenting on the adequacy of environmental documents. It recommends thresholds for

determining whether projects would have significant adverse environmental impacts, identifies methods for predicting project emissions and impacts, and identifies measures that can be used to avoid or reduce air quality impacts. If modeled construction- or operation-related emissions for a project exceed the Air District's - emission thresholds for criteria air pollutants and precursors, then the Air District recommends implementing mitigation to reduce these emissions. The Air District's emission thresholds are presented in Section 3.3.3, "Environmental Impacts and Mitigation Measures." Regarding odors, the GAMAQI provides guidance for addressing impacts related to project-generated odors and recommends mitigation if necessary. It is also recommended that, to the extent feasible, the analysis of potential odor impacts should be based on Air District experience and data regarding similar facilities in similar settings. Table 3.3-8 provides the Air District's screening thresholds for potential odor sources. Lead Agencies are encouraged to contact the Air District for information regarding specific facilities and categories of facilities, and associated odor complaint records (SJVAPCD 2015a).

Typically, air districts develop thresholds of significance for CEQA evaluation (summarized below) in consideration of maintaining or achieving attainment under the NAAQS and CAAQS for the geographical area they oversee (long-term regional air quality planning). These thresholds are often tied to the SIP of an air district in nonattainment for criteria air pollutants within a cumulative context. The associated air quality plans are submitted to CARB and contain an inventory of existing ambient air pollutant concentrations and, if applicable, a suite of measures to reduce air pollution along with a projected date of achieving attainment under the NAAQS and CAAQS. Air quality plans identify a budget that accounts for new, future sources of pollution from land use development and stationary sources. These budgets inform the development of CEQA thresholds of significance; "projects with emissions below the thresholds of significance for criteria pollutants would be determined to 'Not conflict or obstruct implementation of the [Air] District's air quality plan' (SJVAPCD 2015a:65)."

As discussed previously, the NAAQS and CAAQS represent concentrations of criteria air pollutants protective of human health and are substantiated by extensive scientific evidence. CARB states that ambient air quality standards "are established to protect even the most sensitive individuals in our communities. An air quality standard defines the maximum amount of a pollutant that can be present in outdoor air without harm to the public's health" (CARB 2022). As stated previously, the Air District, like other air districts in California and within the U.S., are tasked with producing local air quality plans to attain the NAAQS and CAAQS by an eventual date. These plans include mass emissions inventories coupled with control measures that achieve necessary reductions in certain criteria pollutants and precursors to meet the concentration-based NAAQS and CAAQS. In developing CEQA thresholds of significance, the Air District has developed quantitative, project-level thresholds based on anticipated levels of growth in the SJVAB in consideration of existing sources of air pollution and a future attainment date. These thresholds of significance are intended to optimize emission elimination of proposed projects while requiring a level of mitigation that is realistic and achievable. Thus, projects that demonstrate levels of construction and/or operational emissions below these thresholds would be consistent with long-term regional planning efforts in the SJVAB to attain the NAAQS and CAAQS and, therefore, avoid subjecting residents of the region to harmful concentrations of criteria air pollutants. Consequently, such projects would not result in emissions that would conflict with an area achieving future attainment status under the NAAQS and CAAQS as outlined by an applicable air quality plan.

Similarly, projects that demonstrate emissions levels in exceedance of an applicable threshold could contribute to the continued nonattainment designation of a region or potentially degrade a region from attainment to nonattainment, resulting in acute or chronic respiratory and cardiovascular illness associated with exposure to concentrations of criteria air pollutants above what EPA and CARB consider safe. Symptoms can include coughing, difficulty breathing, chest pain, eye and throat irritation and, in extreme cases, death caused by exacerbation of existing respiratory and cardiovascular disease, cancer, and impaired immune and lung function. However, the exact location and magnitude of specific health impacts that could occur as a result of an individual project's construction or operational emissions of primary and secondary pollutants are difficult to model with any degree of reliability for several reasons. Below includes a discussion of the types of modeling that may be used to estimate dispersion of pollutants, their inputs and scientific limitations, and use in estimating health impacts.

The most common approach to determining the fate and transport of directly emitted criteria air pollutants is through dispersion modeling. Dispersion modeling is best suited for primary criteria air pollutants, such as CO, PM_{10}

and $PM_{2.5}$, which are directly emitted into the atmosphere and, at certain concentrations, cause adverse health and environmental impacts. Other pollutants of concern are identified as secondary pollutants, which are emitted as one compound, which then combines with other pollutants, to form criteria air pollution. To follow these secondary pollutants into the ambient atmosphere, use of a photochemical model is required.

The secondary pollutants of concern for this analysis are ROG, NO_X, and oxides of sulfur (SO_X) that combine in the atmosphere to form ground-level ozone and secondary PM. Photochemical modeling of these secondary pollutants is a more difficult exercise than the modeling of primary pollutants for the following reasons. With respect to the formation of ground-level ozone from the oxidation (i.e., combination) of ROG and NO_X in the presence of sunlight, rates of ozone formation are a function of a variety of complex physical factors, including topography, building influences on air flow (e.g., downwash), ROG and NO_X concentration ratios, multiple meteorological conditions, and sunlight exposure (Seinfeld and Pandis 1996:298). For example, rates of ozone formation are highest in elevated temperatures and when the ratio of ROG to NO_X is 5.5:1. When temperatures are lower and this ratio shifts, rates of ozone formation are stunted (Seinfeld and Pandis 1996:299–300). In addition, ROG emissions are composed of many compounds that have different levels of reactivity leading to ozone formation. Methane, for instance, is the most common ROG compound, yet it has one of the lowest reactivity potentials (Seinfeld and Pandis 1996:309, 312).

Moreover, as confirmed by epidemiological studies reviewed and confirmed by EPA and CARB, some groups may develop more severe health impacts than others. For instance, infants, children, the elderly, and individuals with preexisting medical conditions are more susceptible to developing illnesses from exposure to air pollutants. Additionally, environmental conditions (e.g., exposure to secondhand smoke), lifestyle choices (e.g., diet, exercise, use of drugs or tobacco products), and presence of a health condition (e.g., cancer, chronic illness) that may affect an individual's existing health is privileged information unknown to an air quality expert, regulator, lead agency, or any other person using photochemical models. Air dispersion and photochemical modeling cannot account for the locations of these individuals on a regional basis, and, therefore, the degree to which an individual may respond to certain concentrations of criteria air pollutants (e.g., the development of lifelong chronic conditions such as asthma or the exacerbation of an existing respiratory or cardiovascular condition) cannot be meaningful predicted. As explained in greater detail in Section 3.3.3, "Impacts and Mitigation Measures," the best modeling tools available use regional and national health data to quantify potential health effects; however, these results are not specific to any one location and cannot account for nuances in health data that are unknown.

During the litigation process that led to the Friant Ranch Decision, the Air District submitted an *amicus curiae* brief in support of Fresno County and Friant Ranch LP (the parties that ultimately did not prevail in the Friant Ranch Decision). In that brief, the Air District provided scientific context and expert opinion regarding the feasibility of performing regional dispersion and photochemical modeling for ozone from one specific project. The Air District described the challenges of trying to correlate pollutants in the atmosphere and cited several variables as to how and where pollutants would ultimately settle and the connection to actual health effects that would be realized in any one specific location from the generation of such pollutants. Such modeling, as existed at that time in 2009, that could reasonably link secondary pollution formation to specific health effects in a meaningful context from one project *alone* was not readily available for use by lead agencies. This concern led the Air District to state that "CEQA does not require an EIR to correlate a project's air quality emissions to specific health impacts, because such an analysis is not reasonably feasible." As the Air District explains (SJVAPCD 2015b [footnotes omitted]):

> Attainment of a particular NAAQS occurs when the concentration of the relevant pollutant remains below a set threshold on a consistent basis throughout a particular region. For example, the San Joaquin Valley attained the 1-hour ozone NAAQS when ozone concentrations remained at or below 0.124 parts per million Valley-wide on 3 or fewer days over a 3-year period. Because the NAAQS are focused on achieving a particular concentration of pollution region-wide, the Air District's tools and plans for attaining the NAAQS are regional in nature.
>
> For instance, the computer models used to simulate and predict an attainment date for the ozone or particulate matter NAAQS in the San Joaquin Valley are based on regional inputs, such as regional inventories of precursor pollutants (NO_X, SO_X and [ROG]) and the atmospheric chemistry and meteorology of the Valley. At a very basic level, the models simulate future ozone or PM levels based on predicted changes

> in precursor emissions Valley wide. Because the NAAQS are set levels necessary to protect human health, the closer a region is to attaining a particular NAAQS, the lower the human health impact is from that pollutant.
>
> The goal of these modeling exercises is not to determine whether the emissions generated by a particular factory or development project will affect the date that the Valley attains the NAAQS. Rather, the Air District's modeling and planning strategy is regional in nature and based on the extent to which all of the emission-generating sources in the Valley (current and future) must be controlled in order to reach attainment.
>
> Accordingly, the Air District has based its thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the [SJVAB] can accommodate without affecting the attainment date for the NAAQS. The Air District has tied its CEQA significance thresholds to the level at which stationary pollution sources must "offset" their emissions…. Thus the CEQA air quality analysis for criteria air pollutants is not really a localized, project-level impact analysis but one of regional cumulative impacts.

The brief explains that these CEQA thresholds of significance are not intended to be applied such that any localized human health impact associated with a project's emissions could be identified. Rather, CEQA thresholds of significance are used to determine whether a project's emissions would obstruct a region's capability of attaining the NAAQS and CAAQS according to the emissions inventory prepared in a SIP, which is then submitted and reviewed by CARB and EPA. This sentiment is corroborated in an additional brief submitted to the California Supreme Court by the South Coast Air Quality Management District (SCAQMD 2015).

This analysis aligns with the sentiments of these *amicus curiae* briefs and does not perform dispersion or photochemical modeling to numerically correlate the project's emissions to potential human health impacts. Rather, this analysis follows the Air District's guidance in evaluating the project's emissions against the Air District's thresholds of significance and provides a qualitative correlation between the project's emissions and resulting health impact. The Air District has not developed its own model(s) for project-level evaluation of resulting concentrations of ozone precursors within the SJVAB that link emissions of an individual project to changes in health of individuals.

Toxic Air Contaminants

At the local level, air districts may adopt and enforce CARB control measures. Under Air District Rule 2010 ("Permits Required") and Rule 2201 ("New and Modified Stationary Source Review"), all sources that possess the potential to emit TACs are required to obtain permits from the Air District. Permits may be granted to these operations if they are constructed and operated in accordance with applicable regulations, including New Source Review standards and air toxics control measures. Non-permitted sources (i.e., mobile or indirect sources) are evaluated separately as they are subject to Rule 9510 (see above for details on this rule). The Air District limits emissions and public exposure to TACs through multiple programs. The Air District prioritizes TAC-emitting stationary sources based on the quantity and toxicity of the TAC emissions and the proximity of the facilities to sensitive receptors. Sensitive receptors are people or facilities that generally house people (e.g., residences, schools, hospitals), that may experience adverse effects from unhealthful concentrations of air pollutants. The Air District's *Final Staff Report Update to District's Risk Management Policy to Address OEHHA's Revised Risk Assessment Guidance Document*, *APR-1906 Framework for Performing Health Risk Assessments,* and *Guidance for Air Dispersion Modeling* are tools that may be utilized by experts to assess potential health effects at locations of sensitive receptors from the construction and operation of projects emitting TACs (SJVAPCD 2018 and 2022a). Table 3.3-7, provides a summary of the Air District's thresholds of significance for TACs.

3.3.2 Environmental Setting

METEROLOGY/TOPOGRAPHY/CLIMATE

The project site is within the unincorporated community of Terra Bella in Tulare County and within the SJVAB. The SJVAB is comprised of 8 counties: Fresno, Kings, Madera, Merced, San Joaquin, Stanislaus, Tulare, and Valley air basin portions of Kern counties). Ambient concentrations of air pollutants are determined by the levels of emissions released by pollutant sources and the ability of the atmosphere to transport and dilute such emissions. Natural factors that affect transport and dilution include terrain, wind, atmospheric stability, and the presence of sunlight. Attainment of the

NAAQS and CAAQS is based on regional concentrations of criteria pollutants within the air basin. Therefore, the SJVAB's attainment status for the NAAQS and CAAQS (summarized in Table 3.3-3 below) would also apply to Tulare County.

The SJVAB is in the southern half of California's Central Valley and is approximately 250 miles long and averages 35 miles wide. The SJVAB is bordered by the Sierra Nevada in the east, the Coast Ranges in the west, and the Tehachapi mountains in the south. There is a slight downward elevation gradient from Bakersfield in the southeast end (elevation 408 feet) to sea level at the northwest end where the valley opens to the San Francisco Bay at the Carquinez Straits. The bowl-shaped topography inhibits movement of pollutants out of the SJVAB.

The SJVAB is in a Mediterranean Climate Zone and is influenced by a subtropical high-pressure cell most of the year generated by the Pacific Ocean that influences the amount of rain that is deposited, the characteristics of temperature, and the deposition/collection of air pollution in the SJVAB. Rainfall is sparse and occurs mainly in winter. Summers are hot and dry. Summertime maximum temperatures often exceed 100 degrees Fahrenheit (°F).

The subtropical high-pressure cell is strongest during spring, summer and fall and produces subsiding air, which can result in temperature inversions, or a reversal of the normal behavior of temperature in the troposphere that results in a layer of cool air at the surface is overlaid by a layer of warmer air, in the SJVAB. A temperature inversion can act like a lid, inhibiting vertical mixing of the air mass at the surface. Any emissions of pollutants can be trapped below the inversion. Most of the surrounding mountains are above the normal height of summer inversions (1,500–3,000 feet). These mountains can function as a physical barrier to trap emissions of regional pollutants in the SJVAB leading to degraded, stagnant air quality.

Winter-time high pressure events can often last many weeks with surface temperatures often lowering to 30–40°F. During these events, fog can be present, and inversions are extremely strong. These wintertime inversions can inhibit vertical mixing of pollutants to a few hundred feet.

Solar radiation and temperature are particularly important in the chemistry of photochemical smog (ozone) formation. The SJVAB averages over 260 sunny days per year. Photochemical air pollution (primarily ozone) is produced by the atmospheric reaction of organic substances (such as ROG and NO_X) under the influence of sunlight (SJVAPCD 2015a).

The local meteorology of the project site and surrounding area is represented by measurements recorded at the Western Regional Climate Center Porterville Station, located approximately 7 miles north of the project site. The average annual precipitation from 1902 to 2004 period is approximately 11.06 inches. Average January temperatures range from a normal minimum of 36.5°F to a normal maximum of 57.4°F. July temperatures range from a normal minimum of 64.0°F to a normal maximum of 99°F (WRCC 2012). The prevailing wind direction is from the northwest (WRCC 2002).

EXISTING AMBIENT AIR QUALITY

Criteria Air Pollutants

Concentrations of criteria air pollutants are used to indicate the quality of the ambient air. A description of key criteria air pollutants in the SJVAB and their potential impacts on human health is provided below. Emission source types and health effects are summarized in Table 3.3-2. The SJVAB's attainment status for the CAAQS and the NAAQS are shown in Table 3.3-3.

Table 3.3-2 Sources and Health Effects of Criteria Air Pollutants

Pollutant	Sources	Acute[1] Health Effects	Chronic[2] Health Effects
Ozone (O_3)	Secondary pollutant resulting from reaction of ROG and NO_X in presence of sunlight. ROG emissions result from incomplete combustion and evaporation of chemical solvents and fuels; NO_X results from the combustion of fuels	increased respiration and pulmonary resistance; cough, pain, shortness of breath, lung inflammation	permeability of respiratory epithelia, possibility of permanent lung impairment
Carbon monoxide (CO)	Incomplete combustion of fuels; motor vehicle exhaust	headache, dizziness, fatigue, nausea, vomiting, death	permanent heart and brain damage

Pollutant	Sources	Acute[1] Health Effects	Chronic[2] Health Effects
Nitrogen dioxide (NO_2)	combustion devices; e.g., boilers, gas turbines, and mobile and stationary reciprocating internal combustion engines	coughing, difficulty breathing, vomiting, headache, eye irritation, chemical pneumonitis or pulmonary edema; breathing abnormalities, cough, cyanosis, chest pain, rapid heartbeat, death	chronic bronchitis, decreased lung function
Sulfur dioxide (SO_2)	coal and oil combustion, steel mills, refineries, and pulp and paper mills	Irritation of upper respiratory tract, increased asthma symptoms	Insufficient evidence linking SO_2 exposure to chronic health impacts
Respirable particulate matter (PM_{10}), Fine particulate matter ($PM_{2.5}$)	fugitive dust, soot, smoke, mobile and stationary sources, construction, fires and natural windblown dust, and formation in the atmosphere by condensation and/or transformation of SO_2 and ROG	breathing and respiratory symptoms, aggravation of existing respiratory and cardiovascular diseases, premature death	alterations to the immune system, carcinogenesis
Lead (Pb)	metal processing	reproductive/ developmental effects (fetuses and children)	numerous effects including neurological, endocrine, and cardiovascular effects

Notes: NO_X = oxides of nitrogen; ROG = reactive organic gases.

[1] Acute health effects refer to immediate illnesses caused by short-term exposures to criteria air pollutants at fairly high concentrations. An example of an acute health effect includes fatality resulting from short-term exposure to carbon monoxide levels in excess of 1,200 parts per million.

[2] Chronic health effects refer to cumulative effects of long-term exposures to criteria air pollutants, usually at lower, ambient concentrations. An example of a chronic health effect includes the development of cancer from prolonged exposure to particulate matter at concentrations above the national ambient air quality standards.

Source: CARB 2022.

Table 3.3-3 Attainment Status Designations for the SJVAB

Pollutant	National Ambient Air Quality Standard	California Ambient Air Quality Standard
Ozone	Nonattainment (8-hour)[1]	Nonattainment (1-hour) Classification-Serious[3]
	Nonattainment (8-hour)[2]	Nonattainment (8-hour)
Respirable particulate matter (PM_{10})	Attainment	Nonattainment
Fine particulate matter ($PM_{2.5}$)	Nonattainment	Nonattainment
Carbon monoxide (CO)	Unclassified/Attainment	Attainment
Nitrogen dioxide (NO_2)	Unclassified/Attainment	Attainment
Sulfur dioxide (SO_2)[5]	Unclassified/Attainment	Attainment
Lead (Particulate)	Unclassified/Attainment	Attainment
Hydrogen Sulfide	No Federal Standard	Unclassified
Sulfates		Attainment
Visibly Reducing Particles		Unclassified
Vinyl Chloride		Unclassified

[1] 2008 Standard.

[2] 2015 Standard.

[3] Per Health and Safety Code Section 40921.5(c), the classification is based on 1989–1991 data and therefore does not change.

Sources: CARB 2020, EPA 2023b.

Criteria pollutants would be emitted during construction of the which would last for a short period of time (approximately one month, (22 working days), and occur along a linear route (approximately 2,229 feet). Operation of the project would result in an increase in daily haul truck trips (1,662 annual trips, with a maximum of 19 daily trips during harvest season).

Ozone

Ozone is a photochemical oxidant (a substance whose oxygen combines chemically with another substance in the presence of sunlight) and the primary component of smog. Ozone is not directly emitted into the air but is formed through complex chemical reactions between precursor emissions of ROG and NO_X in the presence of sunlight. ROG are volatile organic compounds that are photochemically reactive. ROG emissions result primarily from incomplete combustion and the evaporation of chemical solvents and fuels. NO_X are a group of gaseous compounds of nitrogen and oxygen that result from the combustion of fuels. As discussed in greater detail above under the heading, "San Joaquin Valley Air Pollution Control District," in Section 3.3.1, "Regulatory Setting," the formation of ozone from the oxidation of ROG and NO_X is a complex interaction and is reliant on various functions and conditions.

Acute health effects of ozone exposure include increased respiratory and pulmonary resistance, cough, pain, shortness of breath, and lung inflammation. Chronic health effects include restriction of lung function and possibility of permanent lung impairment (EPA 2018). Emissions of the ozone precursors ROG and NO_X have decreased over the past several years because of more stringent motor vehicle standards and cleaner burning fuels. Emissions of ROG and NO_X decreased from 2000 to 2010 and are projected to continue decreasing from 2010 to 2035 (CARB 2013).

Nitrogen Dioxide

Nitrogen dioxide (NO_2) is a brownish, highly reactive gas that is present in all urban environments. The major human-made sources of NO_2 are combustion devices, such as boilers, gas turbines, and mobile and stationary reciprocating internal combustion engines. Combustion devices emit primarily nitric oxide, which reacts through oxidation in the atmosphere to form NO_2. The term NO_X is used to represent the combined emissions of seven compounds. The combined emissions are reported as equivalent NO_2, which are regulated by EPA and CARB through the CAA and CCAA. Because NO_2 is formed and depleted by reactions associated with photochemical smog (ozone), the NO_2 concentration in a particular geographical area may not be representative of the local sources of NO_X emissions (EPA 2012).

Acute health effects of exposure to NO_X includes coughing, difficulty breathing, vomiting, headache, eye irritation, chemical pneumonitis, or pulmonary edema, breathing abnormalities, cyanosis, chest pain, rapid heartbeat, and death. Chronic health effects include chronic bronchitis and decreased lung function (CARB 2022).

Particulate Matter

Respirable particulate matter with an aerodynamic diameter of 10 micrometers or less is referred to as PM_{10}. PM_{10} consists of particulate matter emitted directly into the air, such as fugitive dust, soot, and smoke from mobile and stationary sources, construction operations, fires and natural windblown dust, and particulate matter formed in the atmosphere by reaction of gaseous precursors (CARB 2013). Fine particulate matter ($PM_{2.5}$) includes a subgroup of smaller particles that have an aerodynamic diameter of 2.5 micrometers or less. PM_{10} emissions in the SJVAB are dominated by emissions from area sources, primarily fugitive dust from vehicle travel on unpaved and paved roads, farming operations, construction and demolition, and particles from residential fuel combustion. Direct emissions of PM_{10} are projected to remain relatively constant through 2035. Emissions of $PM_{2.5}$ in the SJVAB are dominated by the same sources as emissions of PM_{10} (CARB 2013). Additionally, emissions of ambient $PM_{2.5}$ are heavily influenced from secondary source emissions such as nitrates, sulfates, and organic compounds from combustion processes including biomass burning, soil and road dust, livestock operations, and use of aerosols (Behera and Sharma 2010). While primary $PM_{2.5}$ is from direct emissions, secondary $PM_{2.5}$ is formed in the atmosphere through photochemical reactions, condensation, and other atmospheric processes.

A number of adverse health impacts have been associated with exposure to both $PM_{2.5}$ and PM_{10} (CARB 2022). Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits. For $PM_{2.5}$, short-term exposures (up to 24 hours in duration) have been associated with premature mortality, increased hospital admissions for heart or lung cases, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the U.S. and

worldwide. Long-term (months to years) exposure to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children.

Carbon Monoxide

Carbon monoxide (CO) is an odorless, colorless gas formed by the incomplete combustion of fuels. CO is a product of motor vehicle exhaust, which comprises the majority of ambient CO concentrations. High concentrations of CO generally occur in areas with heavy traffic congestion. Other sources of CO emissions include industrial processes such as carbon black manufacturing, non-transportation related fuel combustion, and natural sources such as wildfires. CO can cause harmful health effects by reducing oxygen delivery to the body's organs (including the heart and brain) and tissues. For people with heart disease, short-term exposure to CO can further affect their body's capacity to respond to the increased oxygen demands of exercise or exertion. CO can also be deadly in indoor environments and closed spaces.

Monitoring Station Data and Attainment Designations

The Air District prepares an annual Air Monitoring Network Plan as required by the EPA. The Annual Network Plan includes information regarding the air monitoring equipment operating in the SJVAB, along with details of upcoming changes to the monitoring network and an analysis of how well the monitoring network covers the needs of the SJVAB's population (SJVAPCD 2023a). Each year, the Air District updates the air monitoring network plan and posts it for public comment for at least 30 days prior to submitting it to the EPA Regional Administrator. The most recent Air Monitoring Network Plan was prepared in 2023.

Criteria air pollutant concentrations are measured at several monitoring stations in the SJVAB which are used for measuring the localized concentration of various air pollutants across the SJVAB. The data from these stations is used to monitor exceedances for certain criteria pollutants as well as giving a snapshot of ambient air quality across the SJVAB. The Newcomb Street station located in the City of Porterville is the closest and most representative station to the project area with recent data for ozone. Because no PM_{10} and $PM_{2.5}$ concentrations are collected at the Newcomb Street station, measured concentrations from the next closest station, the Visalia-N Church Street station located in the City of Visalia, was used. Table 3.3-4 summarizes the air quality data from a recent 3-year period (2020–2022).

Both CARB and EPA use this type of monitoring data to designate areas according to their attainment status for criteria air pollutants (attainment designations are summarized in Table 3.3-2).

Table 3.3-4 Summary of Annual Data on Ambient Air Quality (2020-2022)1

	2020	2021	2022
Ozone			
Maximum concentration (1-hour/8-hr avg, 0.09 ppm/0.070 ppm)	0.116/0.099	0.106/0.093	0.099/0.085
Number of days state/national standard exceeded (8-hr avg, 0.070 ppm)	*/64	*/61	*/62
Number of days national standard exceeded (1-hr, 0.09 ppm)	0	0	0
Fine Particulate Matter ($PM_{2.5}$)			
Maximum concentration (24-hour 12 µg/m^3)	149.7	41.6	40.2
Number of days national standard exceeded (24-hour measured 12 µg/m^3)	*	*	*
Respirable Particulate Matter (PM_{10})			
Maximum concentration (24-hour 50 µg/m^3)	317.4	299.9	*
Number of days state standard exceeded (24-hour 50 µg/m^3)	157	*	*
Number of days national standard exceeded (24-hour 150 µg/m^3)	20.2	4.7	*

Notes: µg/m^3 = micrograms per cubic meter; ppm = parts per million.

[1] Measurements from the Newcomb station for ozone. Measurement for fine particulate matter ($PM_{2.5}$) were taken from the Visalia-N Church Street station.

* data not available

Source: CARB 2023.

Toxic Air Contaminants

According to the *California Almanac of Emissions and Air Quality* (CARB 2013), the majority of the estimated health risks from TACs can be attributed to relatively few compounds, the most important being DPM. DPM differs from other TACs in that it is not a single substance, but rather a complex mixture of hundreds of substances. Although DPM is emitted by diesel-fueled internal combustion engines, the composition of the emissions varies depending on engine type, operating conditions, fuel composition, lubricating oil, and whether an emissions control system is being used. Unlike the other TACs, no ambient monitoring data is available for DPM because no routine measurement method currently exists. However, CARB has made preliminary concentration estimates based on a PM exposure method. This method uses the CARB emissions inventory's PM_{10} database, ambient PM_{10} monitoring data, and the results from several studies to estimate concentrations of DPM. These estimates can be used as a surrogate for DPM where information specific to DPM is limited due to its highly dispersive character. In addition to DPM, the TACs for which data are available that pose the greatest existing ambient risk in California are benzene, 1,3-butadiene, acetaldehyde, carbon tetrachloride, hexavalent chromium, para-dichlorobenzene, formaldehyde, methylene chloride, and perchloroethylene.

Diesel PM poses the greatest health risk among these 10 TACs mentioned. Overall, levels of most TACs, except para-dichlorobenzene and formaldehyde, have decreased since 1990 (CARB 2013).

Sensitive Receptors

Sensitive receptors include those land uses where exposure to pollutants could result in health-related risks to sensitive individuals, such as children or the elderly. Residential dwellings, schools, hospitals, playgrounds, and similar facilities are of primary concern because of the presence of people particularly sensitive to pollutants and/or the potential for increased and prolonged exposure to pollutants. The project site is comprised of the Setton Terra Bella Pistachio facility and the four proposed LAAs located to the west of the facility. The Terra Bella facility is located in a mixed-use area with a mix of commercial and residential development to the north and east, and commercial development to the south and west. The four LAAs are surrounded by land developed with agriculture, local roads, and scattered residential dwellings.

The nearest sensitive receptors to the Terra Bella facility include multiple single-family residences located north of the project site which are located directly against the project site's northern boundary. Other sensitive receptors include multiple single-family homes and a playground both located approximately 50 feet from the project's eastern boundary. The LAA located south-east of the intersection of Muller Road and Avenue 92 is proximate to two residential dwellings, with one dwelling being located within the project boundary and the other dwelling being located approximately 50 feet to the north of the LAA's project boundary. The LAA located to the north-west of the intersection of Road 224 and Avenue 92 is proximate to several residential dwellings, the nearest of which abuts the project boundary. This receptor would also be approximately 200 feet to the west of the proposed pipeline. Finally, the LAA located to the south-west of the intersection of Road 224 and Avenue 96 is proximate to several residential dwellings, the nearest of which is located approximately 100 feet to the north of the LAA's project boundary. See Figure 2 in Chapter 2, "Project Description," for specific project site locations.

Odors

Odors are generally regarded as an annoyance rather than a health hazard. However, manifestations of a person's reaction to foul odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache).

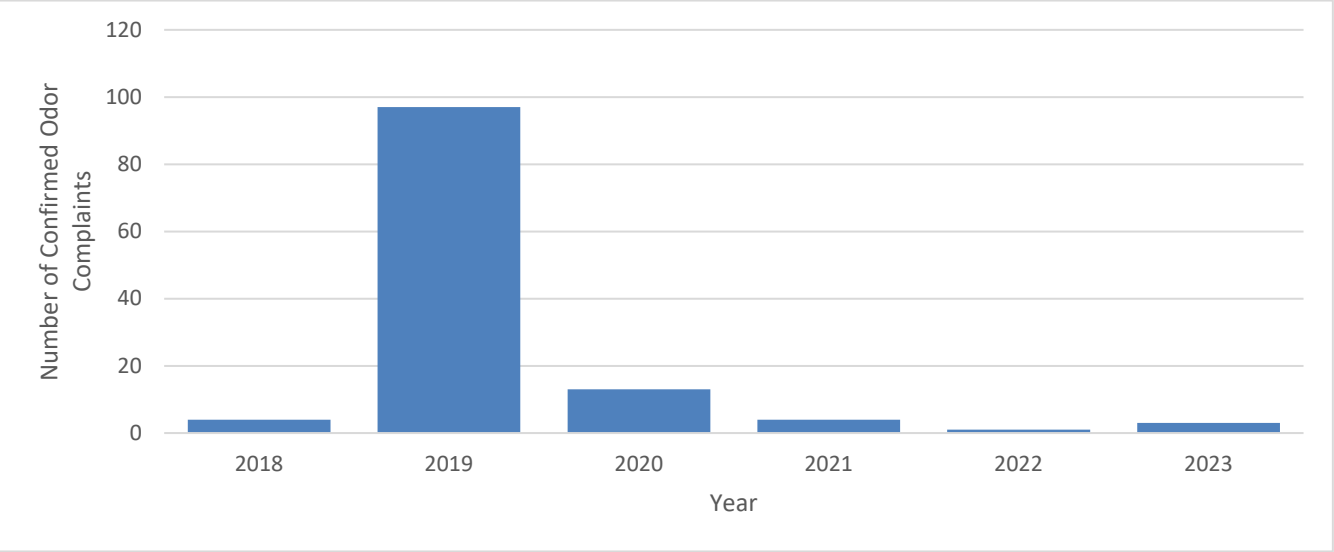
The ability to detect odors varies considerably among the population and overall is quite subjective. Some individuals can smell very minute quantities of specific substances; others may not have the same sensitivity but may have sensitivities to odors of other substances. In addition, people may have different reactions to the same odor; an odor that is offensive to one person may be perfectly acceptable to another (e.g., fast food restaurant, perfume). It is important to also note that an unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. This is because of the phenomenon known as odor fatigue, in which a person can become desensitized to almost any odor and recognition only occurs with an alteration in the intensity. Odor sources of concern include wastewater treatment plants, sanitary landfills, composting facilities, recycling facilities, petroleum refineries, chemical manufacturing plants, painting operations, rendering plants, and food packaging plants (SJVAPCD 2015a).

Due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, there are no quantitative or formulaic methodologies that the Air District recommends to determine the presence of a significant odor impact. Rather, the Air District recommends that odor analyses strive to fully disclose all pertinent information (Corder, pers. comm., 2023). Therefore, the following analysis discloses annual odor complaint history up to the most recently available data and addresses the odor sources that could result from the project. Additionally, the analysis discusses the continued implementation of the Odor Control Plan (described in detail below) to reduce nuisance odors from the project.

Wastewater generated during the pistachio hulling and citrus packing processes is a known existing odor source at the Terra Bella facility. The Terra Bella facility is subject to an Updated Odor Control Plan (Odor Control Plan) (Appendix B), which was submitted to the Air District in February 2022, updating the previous 2020 plan (Trinity Consultants 2022). The Odor Control Plan includes numerous odor control measures that were developed in consultation with the Air District to control odors generated during operation of the facility.

The Odor Control Plan describes the use of solids removal, a dissolved air flotation (DAF) system, filtration, aeration, chemical treatment, wastewater stream segregation, land application systems, wastewater collection monitoring, pond cleaning, and solid waste management to reduce odors generated from the wastewater that results from pistachio hulling and citrus packing processes. Some of these measures utilize odor control equipment such as screens, filters, and aerators to aid in odor reduction. Further, the Odor Control Plan incorporates an Emergency and Contingency Plan to prevent or mitigate any odors that could result from emergency scenarios occurring at the facility that could disrupt regular operations and existing odor control measures/practices. Compliance with the district-approved Odor Control Plan was a condition of the Authority to Construct issued by the Air District (SJVAPCD 2022).

The Setton Terra Bella Pistachio facility has received a number of complaints pertaining to odors. These include complaints about strong, unpleasant odors coming from the general area of the facility as well as odors coming from the wastewater pond. Odors from these sources are generally caused by the decomposition of organic waste material that results from the pistachio hulling process. Figure 3.3-1 shows the number of confirmed odor complaints received per year. The Terra Bella facility received its highest number of confirmed complaints in 2019 with 97 confirmed complaints. This corresponds with the installation and use of an experimental wastewater detention pond for the 2018 hulling season. Use of this pond for wastewater holding and treatment was discontinued in 2020 following the end of the pistachio harvesting season. Since that time, confirmed odor complaints have dropped off substantially, numbering four confirmed complaints in 2021, one confirmed complaint in 2022, and three confirmed complaints in 2023, which is the most recent year available for odor data and the second year the Odor Control Plan Update was in effect (SJVAPCD 2023b, SJVAPCD 2024).



Source: SJVAPCD 2023b, SJVAPCD 2024.

Figure 3.3-1 Setton Terra Bella Facility Confirmed Odor Complaints per Year (2018 – 2023)

Examples of Odor Regulations in Other Jurisdictions

There are no numerical odor thresholds (such as a dilution to threshold (D/T[1]) or an intensity rating established at the local level by an air district or at the state level in California. As shown in Table 3.3-5, some states have established numerical thresholds for all odor types along with an established frequency and receptor location (e.g., property line, off property, sensitive receptor). Compliance with these numerical odor thresholds is determined with tools such as a field olfactometer, dynamic olfactometer (in an odor laboratory) or through odor dispersion modeling. The sense of smell, like vision and hearing, is logarithmic. The Nasal Ranger, a type of field olfactometer, measures 2 D/T, 4 D/T, 7 D/T, 15 D/T, 30 D/T, and 60 D/T odor strength ratios, essentially doubling the amount of clean air added to the odorous air each test measurement, to reflect an increment of change that would be perceptible to the human nose.

Many states use 7 D/T as an odor nuisance threshold. Many states require multiple observations within an hour to establish a nuisance. However, some jurisdictions establish alternative thresholds or do not allow any odor in excess of 7 D/T. There is also some variability in where the odor must be observed or measured to constitute a nuisance (property line versus receptor location). The 7 D/T standard is based on scientific publications on odor pollution control that have identified that odors above 7 D/T will often result in complaints (i.e., objectionable), with 15 D/T often described as a nuisance, and odors above 30 D/T described as a serious nuisance (i.e., nauseating) (McGinley 2000; Huey et al. 1960).

The use of an olfactometer and D/T reflects the strength of an odor. Examples of odor types that have been documented at the 7 D/T standard includes the following:

- Wastewater treatment plant site (on the site): smelled like a musty/musky odor;
- Compost facility that accepts biosolids and food waste (across the street): smelled like manure septic odor;
- Compost facility (adjacent to the site): smelled like an earthy/urine odor; and
- Agricultural area (adjacent to the field): smelled like a grassy odor (Wanger 2019).

Use of an Odor Control Plan and/or establishment of other applicable best practices in addition to numerical limits, are common methods for regulating odor. As explained above and provided in Appendix B, there is an Odor Control Plan in place for the Terra Bella facility.

Table 3.3-5 Ambient Air Odor Threshold Examples

Jurisdiction	Ambient Air Odor Threshold	Observed Frequency of Potential Violation	Observed Location	Regulatory Citation (cites to a relevant law, rule or ordinance)
Colorado[1]	7 D/T (residential/commercial) 15 D/T (all other areas) 127 D/T (violation level)	2 measurements in 1 hour separated by 15 minutes	Outside the property line	Regulation Number 2
Connecticut	7 D/T	3 samples or observations in 1 hour separated by 15 minutes	Ambient air (off-property)	Section 22a-174-23
Illinois	8 D/T (residential) 16 D/T (other land uses) 24 D/T (industrial property line)	2 out of 3 positive determinations where 2 observations are 15 minutes apart within 1 hour with 3 person team	On or adjacent to specified land use	Title 35, Part 245
Kentucky	7 D/T	At any time	Ambient air	401 KAR 53:010
Nevada	8 D/T	2 measurements in 1 hour separated by 15 minutes[2]	Places of occupancy	NAC 445B.22087

[1] Dilution-to-threshold techniques dilute an odor sample with odorless air at a number of levels and the dilution series is presented in ascending order of odor concentration. From one level to the next, the dilution decreases and the amount of odorous air in the mixture increases.

Jurisdiction	Ambient Air Odor Threshold	Observed Frequency of Potential Violation	Observed Location	Regulatory Citation (cites to a relevant law, rule or ordinance)
North Dakota	7 D/T	May not discharge at 7 D/T or higher	Property boundary for sources in City; residential/near public receptor for sources outside of City[3]	Chapter 33-15-16
Wyoming	7 D/T	2 measurements in 1 hour separated by at least 15 minutes	Odor producer property line	WDEQ Chapter 2 Section 11

D/T=dilution to threshold

[1] Colorado also has industry specific thresholds for swine, which are not summarized in the table above.

[2] Nevada requires investigation when 30% or more of sample of people are exposed to odor and believe it to be objectionable; sample must be at least 20 people or 75% of those exposed if sample is less than 20 people exposed.

[3] North Dakota has an additional provision for agricultural operations that have been in operation for more than 1 year and the business or residence making the complaint was built/established after the agricultural operation. There are different thresholds depending on whether the complainant is in the City or outside of the City. In this situation, for a complainant in the City, measurement must be taken within 100 ft of established residence rather than the property boundary of the agricultural operation, and the measurement may not be taken within 500 ft of the property boundary of the agricultural operation. See rule for additional provision for complainants located outside of the City.

Source: Trinity Consultants 2019.

3.3.3 Environmental Impacts and Mitigation Measures

METHODOLOGY

The following resources were used for this analysis:

- the California Emissions Estimator Model (CalEEMod) 2022.1 Computer Program (CAPCOA 2022), and
- the Air District's Guide to Assessing and Mitigating Air Quality Impacts (SJVAPCD 2015a)

Criteria Air Pollutants

The Air District has established thresholds for determining environmental significance of air pollutant emissions. These thresholds distinguish between a project's short-term emissions from its long-term emissions. The short-term emissions are related to the construction phase of a project, which are recognized to be temporary, short-term and intermittent. The long-term emissions are related to the activities that will occur on an ongoing basis as a result of project operations.

Impacts are evaluated both on the basis of CEQA Guidelines Appendix G questions and Air District significance criteria. The impacts evaluated are those involving construction- and operational-related emissions of criteria pollutants [i.e., ROG and NO_X (precursors to ozone), CO, SO_2, PM_{10}, and $PM_{2.5}$], and cumulative air quality impacts. Because the area is nonattainment for ozone, PM_{10}, and $PM_{2.5}$, a major criterion for review is whether the project would result in a net increase of pollutants impacting ozone precursor pollutants, PM_{10}, and $PM_{2.5}$.

Construction-related activities would involve the installation of an underground pipeline as well as irrigation systems within the proposed LAAs. Minor grading and trenching would be necessary for installation of the pipelines. Trenches would be backfilled; no soil or other earthen material would be imported, and none would be off-hauled. Emissions modeling was based on project-specific information (e.g., site area to be prepared, energy consumption, pipeline size) where available; reasonable assumptions based on typical construction activities; and default values in CalEEMod version 2022.1 that are based on the project's location and land use type. The site area was calculated based on the new distribution pipeline length (approximately 2,229 feet) and assumed disturbance width (i.e., no greater than 10 feet). To be conservative, it was assumed that construction would be completed in a span of one month, although it

would likely take less time to complete. Construction-related equipment is conservatively estimated to include a trencher, excavator and off-highway truck or tractor, operating for eight hours per day for the duration of construction-related activities. However, it is likely that sub-surface irrigation lines would occur on a smaller scale by utilizing a single piece of equipment (e.g., a tractor) which is capable of cutting a small line, laying the irrigation pipe, and applying soil covering in a single pass.

Emissions from area sources were estimated using CalEEMod defaults. Energy-related emissions were estimated using Southern California Edison emissions factors applied to the anticipated additional energy consumption for the project. Mobile-source emissions were calculated using project-specific vehicle miles traveled (VMT) and trip rates based on anticipated project operations and known locations/distances to truck delivery sites. These trips include increased pistachio delivery trips and an increase in off-hauling of solids to composting and cattle feed locations.

See Appendix C for more details regarding construction and operations modeling assumptions.

TAC and CO impacts were assessed qualitatively.

THRESHOLDS OF SIGNIFICANCE

In its March 2015 *Guidance for Assessing and Mitigating Air Quality Impacts* (GAMAQI), the Air District provides evidence to support the development and applicability of its thresholds of significance for project-generated emissions of criteria air pollutants and precursors, which may be used at the discretion of a lead agency overseeing the environmental review of projects located within the SJVAB. As stated in the GAMAQI, "a Lead Agency may consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the Lead Agency to adopt such thresholds is supported by substantial evidence" (SJVAPCD 2015a:63-64). CEQA-related air quality thresholds of significance are tied to long-term air quality planning, which focuses on achieving or maintaining attainment designations with respect to the NAAQS and CAAQS for criteria air pollutants, which are scientifically substantiated, numerical concentrations considered to be protective of human health.

These numerical thresholds for construction- and operation-related emissions of criteria air pollutants and precursors would determine whether a project's discrete emissions would result in a regional contribution (i.e., significant) to the baseline nonattainment status of SJVAB. In developing thresholds of significance for individual project emissions, the Air District analyzed emissions values against the Air District 's offset thresholds to ozone precursors, which, when applied, prevent further deterioration of ambient air quality in the SJVAB. Thresholds for PM_{10} and $PM_{2.5}$ were adopted from the Air District's PM_{10} New Source Review offset thresholds for stationary sources, which represent the greatest component of the Air District's long-term regional air quality planning (SJVAPCD 2015a:82). Using these parameters, the Air District developed quantitative thresholds of significance for project-level CEQA evaluation that may be used to determine the extent to which a project's emissions of criteria air pollutants and precursors would contribute to the regional degradation of ambient air quality within the SJVAB. According to the Air District, projects with emissions below these thresholds of significance would demonstrate consistency with the Air District's air quality plans. Notably, annual - emissions thresholds of significance are not designed to determine whether a project's contribution of emissions would directly result in a violation of the NAAQS or CAAQS, which are hourly, concentration-based standards.

The Air District has also developed daily emissions screening criteria for ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$ to determine whether an ambient air quality analysis (AAQA) is needed to provide a refined analysis to determine if project emissions would result in a violation of an ambient air quality standard (AAQS). Unlike the Air District's annual emissions thresholds, which are used to evaluate a project's consistency with long-term regional air quality planning, these daily emissions screening criteria serve to determine the location where an exceedance of an AAQS, and resulting adverse health impacts, could occur. Because the NAAQS and CAAQS are concentration-based standards presented hourly, daily emissions are a more suitable estimate to determine whether a project would contribute to a violation of an AAQS. Projects that emit emissions below these daily screening criteria would likely not generate emissions in levels that would result in a violation of an AAQS, and air dispersion modeling would not be required. Consequently, projects that emit emissions above these criteria are recommended to perform an ambient air quality analysis to evaluate whether an exceedance, and resulting health impact, would occur.

Using federal and state guidance pertaining to TACs, in addition to the findings of several scientific studies, the Air District developed cancer risk and non-cancer health hazard thresholds for TAC exposure. Unlike criteria air pollutants, there is no known safe concentration of TACs for cancer risk. Moreover, TAC emissions contribute to the deterioration of localized air quality. Due to the dispersion characteristics of TACs, emissions generally do not cause regional-scale air quality impacts. The Air District's thresholds are designed to ensure that a source of TACs does not contribute to a localized, significant impact to existing or new receptors.

New or modified stationary sources of criteria pollutants are subject to the requirements of Rule 2010 "Permits Required" and Rule 2201 "New and Modified Stationary Source Review". All sources that possess the potential to emit TACs are required to obtain permits from the Air District. Permits may be granted to these operations if they are constructed and operated in accordance with applicable regulations, including New Source Review standards and air toxics control measures. Under Rule 2201, projects are required to obtain an "Authority to Construct" which is only issued by the Air District for new or modified sources that comply with the provisions of Air District Rule 2201 and all other applicable Air District Rules and Regulations. Non-permitted sources (i.e., mobile or indirect sources) are considered separate from stationary sources and are thus subject to the regulations and requirements under Air District Rule 9510 "Indirect Source Review". Rule 9510 outlines regulations for any project that would result in construction and/or operational mobile source emissions. Emissions from construction-related mobile sources (e.g., mobile construction equipment and worker vehicles) and operational mobile sources (e.g., delivery truck trips, commute trips) are each subject to separate requirements under Rule 9510.

Per Appendix G of the CEQA Guidelines and Air District recommendations, the following thresholds are used to determine whether implementing the project would result in a significant air quality impact.

- **Conflict with or obstruct implementation of an applicable air quality plan.** The project would result in a significant impact if its implementation conflicted with or obstruct the implementation of an applicable air quality plan.
- **Short and long-term increases in regional criteria pollutants.** Short-term construction impacts associated with the proposed project as well as long-term operational impacts associated with the proposed project would be considered significant if project-related emissions would exceed the Air District's emissions thresholds provided in Table 3.3-6 below.

  Regarding operations, additional air dispersion modeling would be required if operational emissions would exceed the Air District's mass emissions screening criteria of 100 pounds per day (lb/day) for ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$.

Table 3.3-6 San Joaquin Valley Air Pollution Control District Criteria Pollutant Thresholds of Significance

Pollutant/Precursor	Construction Emissions	Operational Emissions
	Emissions (tpy)	Emissions (tpy)
CO	100	100
NO_x	10	10
ROG	10	10
SO_x	27	27
PM_{10}	15	15
$PM_{2.5}$	15	15

Notes: CO = carbon monoxide; NO_x = oxides of nitrogen; ROG = reactive organic compounds; SO_x = oxides of sulfur; PM_{10} = respirable particulate matter; $PM_{2.5}$ = fine particulate matter

Source: SJVAPCD 2015a.

- **Increases in Toxic Air Contaminants**. TAC impacts associated with the proposed project would be considered significant if the project would expose the public to substantial levels of TACs so that the probability of contracting cancer for the Maximally Exposed Individual (MEI) exceeds 20 in 1 million or an acute or chronic Hazard Index that equals or exceeds 1 for the MEI for non-carcinogens. Table 3.3-7 below provides a summary of the Air District's TAC thresholds.

Table 3.3-7 San Joaquin Valley Air Pollution Control District Toxic Air Contaminant Thresholds

Carcinogens	Maximally Exposed Individual risk equals or exceeds 20 in one million
Non-Carcinogens	Acute: Hazard Index equals or exceeds 1 for the Maximally Exposed Individual
	Chronic: Hazard Index equals or exceeds 1 for the Maximally Exposed Individual

Source: SJVAPCD 2015a.

- Increase in odorous emissions. Odor impacts associated with the proposed project would be considered significant if the project has the potential to frequently expose members of the public to objectionable odors. The Air District provides the following threshold for determining project-level odor impacts: Odor impacts associated with the proposed project would be considered significant if the Air District or Setton:
  - receives more than one confirmed complaint per year averaged over a 3-year period, or
  - three unconfirmed complaints per year averaged over a 3-year period.

  The Air District also provides screening thresholds for various sources of odors based on land use type. These screening thresholds are provided below in Table 3.3-8.

Table 3.3-8 San Joaquin Valley Air Pollution Control Screening Levels for Potential Odor Sources

Type of Facility	Distance (miles)
Wastewater Treatment Facilities	2
Sanitary Landfill	1
Transfer Station	1
Composting Facility	1
Petroleum Refinery	2
Asphalt Batch Plant	1
Chemical Manufacturing	1
Fiberglass Manufacturing	1
Painting/Coating Operations (e.g. auto body shops)	1
Food Processing Facility	1
Feed Lot/Dairy	1
Rendering Plant	1

Source: SJVAPCD 2015a.

- Increases in local mobile source CO concentrations. Local mobile source impacts associated with the proposed project would be considered significant if the project contributes to CO concentrations that exceed the CAAQS of 9.0 ppm for 8 hours or 20 ppm for 1 hour.

ISSUES NOT DISCUSSED FURTHER

Increases in local mobile source CO concentrations. Local mobile-source CO emissions near roadway intersections are a direct function of traffic volume, vehicle speed, and traffic delay. A CO hotspot is an area of localized CO pollution that is caused by severe vehicle congestion on major roadways, typically near intersections. Transport of CO is extremely limited because it disperses rapidly with distance from the source under normal meteorological conditions. Construction-related activities of the irrigation lines would be very limited, no longer than a month, which would not result in substantial traffic increases at any one location. For operations, the project would result in a maximum increase of 19 truck trips per day (i.e., haul trucks used for pistachio delivery and off-hauling of biosolids) compared to the baseline, and the number of these additional haul truck trips traveling through any one intersection at the same time would be far fewer. Because intersections are susceptible to creating CO hotspots due to the

frequency of vehicles idling when stopped, vehicle trips through intersections are typically used as an indicator of potential exceedances of CO thresholds. Because the number of trips added by the project is minimal, it is highly unlikely that these additional trips would cause an exceedance of the NAAQS and CAAQS for CO. Therefore, project-generated local mobile-source CO emissions would not result in or substantially contribute to concentrations that exceed the NAAQS and CAAQS for CO. No impact would occur, and this issue is not discussed further.

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Impact 3.3-1: Generate Short-Term Construction-Related Emissions of ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$

According to the Air District's guidance, annual and daily construction-generated emissions were quantified for the project. The project would not generate construction emissions of criteria air pollutants and ozone precursors exceeding the Air District's annual emissions thresholds of significance or daily screening criteria. Because construction-generated emissions would not exceed the Air District's annual emissions thresholds of significance or daily screening criteria, construction-generated emissions of criteria air pollutants and ozone precursors would be **less than significant**.

Construction-related activities would generate emissions of ROG, NO_X, CO, SO_2, PM_{10}, and $PM_{2.5}$ associated with off-road equipment use, material and equipment delivery trips, worker commute trips, and other miscellaneous activities. Fugitive dust emissions of PM_{10} and $PM_{2.5}$ would be associated primarily with earthmoving activities (e.g., trenching and grading) and would vary as a function of soil silt content, soil moisture, wind speed, and acreage of disturbance. PM_{10} and $PM_{2.5}$ are also contained in exhaust from off-road equipment and on-road vehicles. Emissions of ozone precursors, ROG and NO_X, would be associated primarily with construction equipment and on-road mobile exhaust. No building construction is expected as part of the project and therefore no VOC emissions would result from the application of architectural coatings.

Construction activities are anticipated to occur over a one-month period. For specific construction assumptions and modeling inputs, refer to Appendix C. Construction emissions estimates for the proposed project were calculated using CalEEMod). Table 3.3-9 summarizes the modeled maximum daily and annual ROG, NO_x, CO, SOx, and PM emissions from construction activities over the assumed one-month construction period and presents the Air District's daily emissions screening criteria thresholds and annual emission significance thresholds for comparison. The Air District's project thresholds are intended to maintain or achieve attainment designations in the SJVAB with respect to the CAAQS and NAAQS.

Table 3.3-9 Maximum Annual and Daily Emissions of Criteria Pollutants and Precursors Associated with Construction of the Project

	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Annual Emissions						
Maximum (TPY)	0.01	0.04	0.05	<0.005	<0.005	<0.005
SJVAPCD CEQA Significance Threshold	10	10	100	27	15	15
Exceeds Threshold?	No	No	No	No	No	No
Daily Emissions						
Maximum (lb/day)	0.57	3.46	4.39	<0.005	0.01	0.01
SJVAPCD Screening Criteria	100	100	100	100	100	100
Exceeds Screening Criteria?	No	No	No	No	No	No

Notes: TPY = tons per year, lb/day = pounds per day, ROG = reactive organic gases, NO_X = oxides of nitrogen, CO = carbon monoxide, SO_X = sulfur oxides, PM_{10} = respirable particulate matter, $PM_{2.5}$ = fine particulate matter, SJVAPCD = San Joaquin Valley Air Pollution Control District.

Source: Modeling performed by Ascent in 2023.

As shown in Table 3.3-9, annual and daily emissions of ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$ would not exceed the Air District's annual emissions threshold of significance or daily screening criteria. This level of emissions indicates that the project would not conflict with long-term regional air quality planning in the SJVAB and would not result in a cumulative contribution to air pollution. Additionally, as long-term regional air quality planning is directly tied to attainment of the NAAQS and CAAQS, the project would not directly result in an adverse health outcome. This impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

Impact 3.3-2: Generate Long-Term Operational Emissions of ROG, NO_X, CO, SO_X, PM_{10}, and $PM_{2.5}$

Considering the Air District's guidance, annual and daily operations-generated emissions were quantified. The project would not generate operational emissions of criteria air pollutants and ozone precursors exceeding the Air District's annual emissions thresholds of significance or daily screening criteria. Because operation-related emissions would not exceed the Air District's annual emissions thresholds of significance or daily screening criteria, operational emissions of criteria air pollutants and ozone precursors would be **less than significant**.

The first year of operation following the conclusion of construction would be 2024. The facility would generate higher amounts of criteria pollutants than are currently emitted with existing conditions because the project would support the ability for Setton to operate at higher capacity. The project would allow for an annual wastewater discharge increase from 60 million gallons per year (MGY) to 85 MGY to support increased pistachio processing (maximum daily discharge rates would remain at the baseline 3 million gallons). In addition, the increased operations would result in more solid waste generation and truck haul trips for pistachio delivery and to off-haul solids to composting and cattle feed facilities.

Operational emissions estimates for the project were calculated using CalEEMod (see Appendix C for specific modeling details). Table 3.3-10 summarizes the total modeled operational emissions associated with the project for the assumed first full year of operation (i.e., 2024) for the expanded facility.

Table 3.3-10 Annual and Daily Emissions of Criteria Pollutants and Precursors Associated with Operations of the Project[1]

	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Annual Emissions						
Total (TPY)	<1	<1	<1	<1	<1	<1
SJVAPCD CEQA Significance Threshold	10	10	100	27	15	15
Exceeds Threshold?	No	No	No	No	No	No
Daily Emissions						
Maximum (lb/day)	0.54	0.61	0.97	0.01	0.30	0.08
SJVAPCD Screening Criteria	100	100	100	100	100	100
Exceeds Screening Criteria?	No	No	No	No	No	No

Notes: TPY = tons per year, lb/day = pounds per day, ROG = reactive organic gases, NO_X = oxides of nitrogen, CO = carbon monoxide, SO_X = sulfur oxides, PM_{10} = respirable particulate matter, $PM_{2.5}$ = fine particulate matter, SJVAPCD = San Joaquin Valley Air Pollution Control District.

[1] Operational modeling includes both onsite and offsite emissions. The SJVAPCD's screening criteria only applies to onsite emissions, therefore, this model is conservative in its estimation of operational emissions. Modeling data provided in Appendix C.

Source: Modeling performed by Ascent in 2023.

As shown in Table 3.3-10, no emissions of any modeled criteria air pollutant and ozone precursor would exceed the Air District's annual or daily emissions thresholds. This level of emissions indicates that the project would not conflict with long-term regional air quality planning in the SJVAB. Additionally, as long-term regional air quality planning is

directly tied to attainment of the NAAQS and CAAQS, the project would not directly result in an adverse health outcome. This impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

Impact 3.3-3: Expose Receptors to TAC Concentrations Adversely Affecting a Substantial Number of People

Construction of the project would require relatively few pieces of heavy equipment, would last for a short period of time (approximately one month, (22 working days)), and occur along a linear route (approximately 2,229 feet) ensuring that emissions of TACs are not generated in a single location for an extended period of time. Operation of the project would result in an increase in daily haul truck trips (1,662 annual trips, with a maximum of 19 daily trips during harvest season). Daily diesel PM (DPM) emissions would be less than 1 lb/day. Due to the relatively small increase in daily trips even during the peak harvest season, the small amount of DPM emitted per day, and the highly dispersive properties of DPM, this increase in trips would not result in the prolonged exposure of receptors to substantial concentrations of TAC emissions that would exceed the Air District's carcinogenic risk exposure threshold of 20 in 1 million. This impact would be **less than significant**.

The Air District has developed quantitative thresholds of significance for carcinogenic risk exposure (i.e., 20 in 1 million) and non-carcinogenic risk exposure (i.e., acute or chronic Hazard Index of 1) in consideration of dosage, risk exposure, background risk levels, and guidance established by AB 2588, the Air Toxics "Hot Spots" Information and Assessment Act. Emissions of TACs can occur from the operation of diesel equipment and vehicles. Construction of the project would utilize a trencher and truck or tractor, while operation of the project would increase hauling truck trips. These activities would result in the emissions of TACs. The analysis below examines whether TACs from construction and operations activities associated with the project would expose receptors to TAC concentrations adversely affecting a substantial number of people.

Construction-related emissions

Particulate exhaust emissions from diesel-fueled engines (i.e., DPM) were identified as a TAC by CARB in 1998. The potential cancer risk from the inhalation of DPM, as discussed in Section 3.3.2, "Environmental Setting," outweighs the potential for all other health impacts (i.e., noncancer chronic risk, short-term acute risk) and health impacts from other TACs. Regarding exposure to DPM, the dose to which receptors are exposed is the primary factor used to determine health risk. Dose is a function of the concentration of a substance or substances in the environment and the duration of exposure to the substance. It is positively correlated with time, meaning that a longer exposure period would result in a higher level of health risk for any exposed receptor. Thus, the risks estimated for an exposed individual are higher if a fixed exposure occurs over a longer period. According to the Office of Environmental Health Hazard Assessment (OEHHA), when an HRA is prepared to project the results of exposure of sensitive receptors to selected compounds, exposure of sensitive receptors to TAC emissions should be based on a 70- or 30-year exposure period; however, such assessments should be limited to the duration of activities associated with a project if emissions would occur for shorter periods (OEHHA 2015:5-23, 5-24).

Nevertheless, it is becoming more common for HRAs to be conducted for construction projects with durations shorter than 70 and 30 years if certain conditions are met. For construction projects that occur close to sensitive receptors or construction projects that require the use of overlapping, high-emitting heavy-duty equipment, an HRA may be conducted to assess incremental increases in cancer risk. However, construction would be minor, limited only to trenching activities required to install new irrigation lines. This activity was conservatively assumed to occur for up to one month but would likely require less time. In accordance with OEHHA guidance, due to the uncertainty in assessing cancer risk from very short-term exposures, OEHHA does not recommend assessing cancer risk for projects lasting less than two months (OEHAA 2015).

Construction-related activities would result in temporary, intermittent emissions of DPM from the exhaust of off-road equipment and trucks. Construction activities would utilize approximately 1 to 3 pieces of equipment. Construction of the

project would use relatively few pieces of equipment (see Appendix C for a list of construction-related equipment modeled) and would last for a short period of time (i.e., one month). Therefore, emissions of TACs would be minimal, short-term, and would not be emitted in a single location, as construction-related activities would occur linearly along the pipeline, not exposing any one location to substantial pollutants for extended periods of time. Based on the construction-related emissions modeling conducted (see Table 3.3-9), maximum daily emissions of PM_{10} would be less than 1 pound during peak construction-related activities, which is below the Air District's recommended screening threshold of 100 lb/day for exhaust emissions. Therefore, construction-related TAC emissions would be less than significant.

Operation-related emissions

The project would allow the Terra Bella facility to operate at a higher capacity, which would involve more use of existing stationary equipment, as described in Section 2, "Project Description." As stated previously, stationary equipment (i.e., stationary sources) are subject to Air District Rule 2201 "New and Modified Stationary Source Review Rule" and all other applicable Air District rules and regulations, which establishes rules and requirements for new and modified stationary sources. These sources are evaluated separately from non-permitted (i.e., mobile or indirect sources) as described in Section 3.3.3. The anticipated increase in fuel consumption and associated emissions for the Terra Bella facility to operate at a higher capacity have already been reviewed and evaluated by the Air District. Furthermore, the Air District issued an Authority to Construct permit, which includes emissions limits and controls that ensure the equipment would not result in violations of stationary source emissions limits or health risk. An Authority to Construct is only issued by the Air District for new or modified sources that comply with the provisions of Air District Rule 2201 "New and Modified Stationary Source Review Rule" and all other applicable Air District rules and regulations. Thus, this analysis does not address stationary sources. Regarding TAC mobile-sources, high-volume roadways (i.e., major freeways) and truck routes traveled primarily by heavy-duty diesel trucks have the greatest potential for resulting in high TAC exposure. The project would introduce, on average, 1,662 new vehicle trips per year, or an additional average of 5 trucks per day (19 trucks during harvest time), on local and regional roads associated with hauling activities.

The minor increase in daily vehicle off-hauling activities would result in a small amount of additional diesel exhaust. However, the incremental increase in daily hauling activities would not be concentrated on any one roadway as materials would be hauled to 10 different locations including facilities in Tulare, Visalia, Tipton, Pixley, and Porterville, effectively reducing the concentrations of mobile-source TACs on any one road and associated nearby sensitive receptors. This level of new vehicle trips would not generate TAC emissions that could result in a cancer risk greater than 20 in one million.

Because TAC emissions from construction and operation of the project would not expose sensitive receptors to an incremental increase in cancer risk greater than 20 in one million or a chronic health hazard greater than 1.0, this impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

Impact 3.3-4: Conflict with an Applicable Air Quality Plan

The project would not result in population growth, a major factor in the development of air quality emissions reduction goals and strategies. Additionally, the project would not exceed Air District thresholds of significance for criteria air pollutants and would therefore not conflict with or obstruct implementation of any applicable Air District air quality plan. For these reasons, project impacts related to conflict with an applicable air quality plan would be **less than significant**.

The Air District has established thresholds of significance for criteria pollutant emissions, which are based on New Source Review offset requirements for stationary sources. Stationary sources in the SJVAB are subject to some of the most stringent regulatory requirements in the nation. Emission reductions achieved through implementation of Air District offset requirements are a major component of the Air District's air quality plans. Thus, for purposes of CEQA analysis, projects with emissions below the thresholds of significance for criteria pollutants would be determined to not conflict or obstruct implementation of the Air District's air quality plan (SJVAPCD 2015a: 65). Additionally, regional air quality

strategies, emissions budgets and emissions reduction targets are developed based on assumptions of forecasted growth in the area. The project would allow the Terra Bella facility to operate at its authorized design capacity, but it would not result in new or changed employment at the facility and would not change any housing in the area. The project would not result in population growth and would therefore not interfere with established emissions reduction targets.

As noted below, the project would not result in a significant increase in short-term construction or long-term operational emissions because the proposed additions to the existing project site would not introduce levels of emissions which exceed Air District thresholds. Thus, the project would not conflict or obstruct implementation of any applicable Air District air quality plan. This impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

Impact 3.3-5: Generate Other Emissions (Such as Those Leading to Odors) Adversely Affecting a Substantial Number of People

Operation of the Terra Bella facility has received confirmed nuisance odor complaints. The processing of pistachios and the discharge of process wastewater can be sources of odors due to biological plant matter. The project would increase the process wastewater discharge and allow for an increase in pistachio processing at the Terra Bella facility, which could result in increased confirmed odor complaints. This impact would be **potentially significant**.

The occurrence and severity of odor impacts depend on numerous factors, including the nature, frequency, and intensity of the source; wind speed and direction; and the presence of sensitive receptors. Although offensive odors rarely cause physical harm, they may still be very unpleasant, leading to considerable distress and often generating citizen complaints to local governments and regulatory agencies.

The Air District provides odor screening guidance, which can be used as a screening tool to qualitatively assess a project's potential to adversely affect area receptors. If the project would result in sensitive receptors being located closer than the screening level distances, a more detailed analysis should be provided. The project includes an expansion of the existing wastewater treatment facilities. Based on Air District guidance, the screening distance for this type of facility is 2 miles. The Terra Bella facility is bordered by a mixed-use area which includes residential dwellings and a playground along the main facility's northern and eastern borders. The nearest sensitive receptors to the Terra Bella facility are multiple single-family residences located directly north of (i.e., within 50 feet) the facility's northern project boundary. Regarding the LAAs, the nearest receptors are residences located within the project boundary. In both cases, the screening criteria is met and further analysis is provided herein.

According to the Air District's *Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI)*, each project that would generate odors should be evaluated to determine the likelihood that it would result in nuisance odors. The Air District recognizes the subjective nature of odor impacts and recommends that each project should be assessed on a "case-by-case" basis, taking into consideration all available pertinent information to qualitatively determine if a significant impact is likely to occur, such as information regarding the characteristics of the buffer zone between the sensitive receptor(s) and the odor source(s), local meteorological conditions, and the nature of the odor source.

Construction associated with the project could expose existing nearby residents to odorous emissions from diesel equipment. However, such emissions would be short-term in nature (less than a month for project construction) and would dissipate rapidly with increasing distance from the source.

Regarding operational odors, as described in Chapter 2, "Project Description," the project site is subject to Waste Discharge Requirements (WDRs) issued by the Central Valley Regional Water Quality Control Board, which states that objectionable odors originating at the Terra Bella facility shall not be perceivable beyond the limits of the property. Consistency with WDRs will ensure that the project would not result in other emissions (such as those leading to odors) adversely affecting a substantial number of people, since the WDRs prohibit objectionable odors originating at the Terra Bella facility to be perceivable beyond the limits of the property. Additionally, as described in Section 3.3.2, the Setton Terra Bella Pistachio facility is subject to the Odor Control Plan, which outlines numerous odor control

measures as well as an Emergency and Contingency Plan to reduce odors that could result from regular operation of the facility or from emergency scenarios. The Odor Control Plan implemented several additional odor control measures (i.e., wastewater stream segregation, land application system, wastewater monitoring program, pond cleaning, and pistachio solid waste management) in addition to measures already employed by Setton to mitigate potential odor concerns. For example, the DAF system was shown to be effective in removing 91.4 percent of odor-causing substances in the wastewater stream (Trinity Consultants 2022). The Odor Control Plan directs that an oxidation-reduction potential sensor be used to monitor the production of offensive odors from wastewater. These measures were created in consultation with the Air District.

The project would result in an increase of 25 million gallons of wastewater discharged annually via additional LAAs with new sub-surface irrigation lines. The addition of LAAs as part of the project would aid in further reducing odors because the discharge of wastewater to the LAAs prevents prolonged storage of wastewater in the storage ponds which can result in odors. However, the daily discharge limit would not change from the baseline (3 million gallons per day). According to the Odor Control Plan, the subsurface irrigation and wastewater transportation system help prevent or reduce odors that could develop from the wastewater when in storage ponds. In addition, the wastewater applied by subsurface irrigation naturally filters wastewater in the soil and rapidly breaks down organic matter through natural aerobic bacteria in the soil (Trinity Consultants 2022).

However, there remains the potential that operations could occasionally experience an issue that causes process wastewater to remain in the East and West ponds longer, potentially resulting in nuisance odors. Based on previous documentation of confirmed odor complaints recorded by the Air District, the project-related increase in process wastewater and discharge could potentially result in additional odor complaints. The continued implementation of the Odor Control Plan would aid in reducing potential odors. As noted under the heading, "Thresholds of Significance," the Air District threshold for odors is more than one confirmed complaint per year averaged over a 3-year period or three unconfirmed complaints per year averaged over a 3-year period. The number of confirmed complaints averaged over the three-year period of 2020 through 2023 is approximately three complaints, although the number of confirmed odor complaints received per year has decreased substantially due to the implementation of the Odor Control Plan Update in 2022, with one confirmed complaint being received in 2022 and three confirmed complaints being received in 2023 (Figure 3.3-1) (SJVAPCD 2023b, SJVAPCD 2024).

Because of the potential for nuisance odors to occur due to increased process wastewater as well as the number of confirmed odor complaints exceeding the Air District threshold of one confirmed complaint per year averaged over a three-year period, this impact would be **potentially significant.**

Mitigation Measures

Mitigation Measure 3.3-5: Implement Odor Control Measures

To reduce the potential for nuisance odors, Setton Pistachio shall implement the following measures. These measures shall be included as conditions of approval prior to the issuance of construction permits.

1. Track odor complaints related to the Terra Bella facility and Land Application Areas (LAAs) received directly by Setton Pistachio or received by the SJVAPCD (Air District).
2. Document any identified sources of nuisance odors.
3. During the harvest season, generally from August through October, Setton Pistachio shall have a qualified technician take measurements once per day, in the heat of the day (typically between 12 pm and 4 pm), with a field olfactometer at the property line of the Terra Bella facility between the East and West ponds and the nearest to sensitive receptors.
4. The technician shall document if the dilution to threshold (D/T) reading on the olfactometer exceeds seven, which is regarded as the level at which an odor may be considered objectionable, is exceeded (McGinley 2000). If the D/T is determined to be seven or higher, this would indicate constituents in the air are generating adverse odors.
    a. If the D/T reading does not register as seven or higher, no further action is required.

b. If the source of objectionable odor is determined to not be from Setton facilities, Setton will report its findings regarding the source and the olfactometer readings to the Air District.

c. If the D/T reading registers as seven or higher, Setton shall determine the source of the nuisance odors. If it is determined that the source of the nuisance odor is from wastewater holding ponds, the following odor control measures from the Odor Control Plan shall be implemented as close to the time of the detection of a nuisance odor as possible.

- Measure 3.1 Solids Removal:
  - 3.1.1 Dissolved Air Flotation System (DAF): The DAF system shall remove total suspended solids (TSS), biochemical oxygen demand (BOD), and oil and grease (O&G) from a wastewater stream.
  - 3.1.2 Filtration: A series of screens and a sand filter shall be used to remove solids from the wastewater stream that could contain odor-causing compounds.
- Measure 3.2 Aeration: 2.2.1 Dissolved Oxygen and Odor Production: Setton Pistachio shall keep detention time of the wastewater in the pond to two hours or less. If the detention time exceeds two hours, Setton shall utilize additional portable aeration equipment, most likely two additional paddle wheel aerators in the East Pond, and one in the West Pond (if used to hold wastewater) and shall add oxidizer, such as hydrogen peroxide, if needed.
- Measure 3.3 Chemical Treatment: A 50 percent hydrogen peroxide solution shall be added to the pond if the dissolved oxygen of the water still falls below 1.0 milligram per liter (mg/L) even with aeration, and if it was determined from analysis that sulfide is present.
- Measure 3.4 Wastewater Stream Segregation: Wastewater shall be redirected as necessary using existing modifications to the water transfer pipeline connections to optimize the flow of wastewater.
- Measure 3.5 Land Application System: Wastewater shall be discharged to the Land Application Areas for irrigation through subsurface piping to reduce odors that could develop from the wastewater when in storage.
- Measure 3.6 Monitoring Program: Dissolved oxygen and oxidation reduction potential monitoring shall be performed continuously to monitor wastewater conditions and performance of the various treatment processes and odor control measures.
- Measure 3.7 Pond Cleaning: After each harvest, the gunite-lined pond will be cleaned using a "ditch witch vacuum excavator" or similar equipment. The cleaning wastewater will be collected and disposed off-site to a nearby composting facility. The "last rinse" water will be tested for pH and EC prior to using the pond for stormwater runoff. The line that is used to transfer pistachio wastewater from the gunite-lined pond to the East Pond and West Pond during harvest will be flushed with Terra Bella Irrigation District water before using the line for non-harvest stormwater discharge. The "flush water" will be drained into the East Pond and be commingled with any existing water in the pond. The "flush water" will be tested for pH and EC to verify that the line has been "cleaned". The East Pond and West Pond (if used) will be dredged annually after the pistachio harvest season or as needed to remove excess mud or sludge to maintain pond volume capacity. Cleaning these ponds should eliminate the solids as potential sources of future odorous compounds associated with the pistachio wastewater.
- Measure 3.9 Odor Control Measures Implementation Schedule: The odor control measures shall be implemented according to the schedule provided in the Odor Control Plan (provided in Table 3.3-11 below).

Table 3.3-11 Odor Control Plan Implementation Schedule

Control Measure	Schedule	Notes
Aeration at East/West Ponds	Pistachio Harvest Season; as needed during non-harvest season (If there is wastewater in the east/west ponds and the dissolved oxygen content in the upper zone registers less than 1.0 mg/l, aeration is required.)	During non-harvest, aerator operation depends on water depth in the ponds.
Chemical Treatment	Pistachio Harvest Season, as needed based on monitoring data	Chemical oxidizer and pH control chemical will be in stock at the Facility during harvest season.
Wastewater Stream Segregation	Completed; year-round (The pistachio wastewater line is flushed once a year after harvest. No set schedule; it is generally flushed before it rains, after harvest. Every year the gunite-line pond is cleaned and the line is flushed to capture storm water. This allows for the storage of storm water *only* in the 350 ac. ft. pond.)	Line from gunite-lined pond will be flushed yearly after harvest season.
Land Application System	Completed; year-round (historically, number of days in between wastewater application were typically more than 10 days)	N/A
Monitoring	Pursuant to MMRP; additional during Pistachio Harvest Season	Frequency and sampling points may be increased, as needed.
Pond Cleaning	Annually after harvest; and as needed if odors are recorded to be high	N/A
Solid Waste Management	Pistachio Harvest Season	As applicable to the pistachio processing waste
DAF System	Pistachio Harvest Season	System is integrated in the hulling operation.
Filtration	Pistachio Harvest Season	Multiple filtration equipment is integrated in the hulling and irrigation operation.

Notes: pH = potential hydrogen; N/A = not applicable; MMRP = mitigation monitoring and reporting program

Source: Trinity Consultants 2022.

d. If it is determined that the source of the nuisance odor is from hauling truck activity, Setton shall implement the following odor control measures from the Odor Control Plan:

- Measure 3.8 Pistachio Solid Waste Management: The hulls and other wet solids from the various filtration stages shall be collected in trucks and also shipped offsite. Most of these wet materials are shipped to dairies as cattle feed and some are shipped to be mixed with some of the dry ground materials. Odors, if any, would most likely emanate from the wet materials or their residue. To prevent or minimize the potential for odors, Setton shall implement the following wet material odor control measures:
  - Limit the number of sludge material trucks at the Setton plant site. Setton has 2 sludge loaders and can load up to 2 trucks simultaneously during the peak of the season. During this time, the number of standby sludge trucks will be limited to 2 such that only 4 trucks will be at the site at the same time. This will minimize cumulative truck related odors, if any.
  - Setton has 4 augers and can load up to 4 hull trucks simultaneously. After a hauling truck is filled to capacity, the truck shall leave the plant as soon as possible, no more than a half hour, under normal operating conditions. If there are any issues, other arrangements shall be made such as transferring the load to another truck or bins for immediate removal from the site.

- All third-party wet hauling and sludge trucks shall be cleaned after final use and be removed from the site no later than two weeks after harvest. Any Setton hauling trucks used during the harvest shall be cleaned of all pistachio waste residue before long term parking at the site.

Significance after Mitigation

Implementation of Mitigation Measure 3.3-5 (which includes Odor Control Plan Measures 3.1 through 3.8) would reduce significant odor impacts to a less-than-significant level by preventing odors, tracking odor complaints, taking measurements with an olfactometer, and implementing odor control measures from the Odor Control Plan as well as installing covers on hauling truck beds containing wet materials should hauling activities be determined as the source of a nuisance odor. This impact would be **less-than-significant** with mitigation.

3.4 CULTURAL AND TRIBAL CULTURAL RESOURCES

This section analyzes and evaluates the potential impacts of the project on known and unknown cultural resources. Cultural resources include districts, sites, buildings, structures, or objects generally older than 50 years and considered to be important to a culture, subculture, or community for scientific, traditional, religious, or other reasons. They include pre-historic resources, historic-period resources, and "tribal cultural resources" (the latter as defined by AB 52, Statutes of 2014, in PRC Section 21074).

Archaeological resources are locations where human activity has measurably altered the earth or left deposits of prehistoric or historic-period physical remains (e.g., stone tools, bottles, former roads, house foundations). Historical (or built-environment) resources include standing buildings (e.g., houses, barns, outbuildings, cabins) and intact structures (e.g., dams, bridges, roads, districts), or landscapes. A cultural landscape is defined as a geographic area (including both cultural and natural resources and the wildlife therein), associated with a historic event, activity, or person or exhibiting other cultural or aesthetic values. Tribal cultural resources are sites, features, places, cultural landscapes, sacred places and objects, with cultural value to a tribe.

One comment letter regarding cultural resources was received in response to the Notice of Preparation (see Appendix A). The Native American Heritage Commission (NAHC) requested AB 52 and SB 18 compliance information. As this document is an EIR, the AB 52 process (summarized as Tribal consultation) will be completed per CEQA requirements. SB 18 does not apply to the project because there is not a General Plan amendment associated with the project (which is the trigger for SB 18 compliance); additionally, SB 18 is not a CEQA requirement and therefore is not discussed in this section. AB 52 compliance is described below.

3.4.1 Regulatory Setting

FEDERAL

National Register of Historic Places

The National Register of Historic Places (NRHP) is the nation's master inventory of known historic properties. It is administered by the National Park Service and includes listings of buildings, structures, sites, objects, and districts that possess historic, architectural, engineering, archaeological, or cultural significance at the national, state, or local level.

The formal criteria (36 CFR 60.4) for determining NRHP eligibility are as follows:

1. The property is at least 50 years old (however, properties under 50 years of age that are of exceptional importance or are contributors to a district can also be included in the NRHP);
2. It retains integrity of location, design, setting, materials, workmanship, feeling, and associations; and
3. It possesses at least one of the following characteristics:

   Criterion A Is associated with events that have made a significant contribution to the broad patterns of history (events).

   Criterion B Is associated with the lives of persons significant in the past (persons).

   Criterion C Embodies the distinctive characteristics of a type, period, or method of construction, or represents the work of a master, or possesses high artistic values, or represents a significant, distinguishable entity whose components may lack individual distinction (architecture).

   Criterion D Has yielded, or may be likely to yield, information important in prehistory or history (information potential).

For a property to retain and convey historic integrity, it must possess most of the seven aspects of integrity: location, design, setting, materials, workmanship, feeling, and association. Location is the place where the historic property was constructed or the place where a historic event occurred. Integrity of location refers to whether the property has been moved since its construction. Design is the combination of elements that create the form, plan, space, structure, and style of a property. Setting is the physical environment of a historic property that illustrates the character of the place. Materials are the physical elements that were combined or deposited during a particular period and in a particular pattern or configuration to form a historic property. Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory. Feeling is a property's expression of the aesthetic or historic sense of a particular period. This intangible quality is evoked by physical features that reflect a sense of a past time and place. Association is the direct link between the important historic event or person and a historic property. Continuation of historic use and occupation help maintain integrity of association.

Listing in the NRHP does not entail specific protection or assistance for a property, but it does guarantee consideration in planning for federal or federally assisted projects, eligibility for federal tax benefits, and qualification for federal historic preservation assistance. In addition, project effects on properties listed in the NRHP must be evaluated under CEQA.

The National Register Bulletin series was developed to assist evaluators in the application of NRHP criteria. For example, National Register Bulletin #36 provides guidance in the evaluation of archaeological site significance. If a property cannot be placed within a particular theme or time period, and thereby lacks "focus," it will be unlikely to possess characteristics that would make it eligible for listing in the NRHP.

STATE

California Register of Historical Resources

All properties in California that are listed in or formally determined eligible for listing in the NRHP are also listed in the California Register of Historical Resources (CRHR). The CRHR is a listing of State of California resources that are significant in the context of California's history. It is a Statewide program with a scope and with criteria for inclusion similar to those used for the NRHP. In addition, properties designated under municipal or county ordinances are also eligible for listing in the CRHR.

California Historical Landmarks—buildings, structures, sites, or places that have been determined to have statewide historical significance—are also automatically listed in the CRHR. California Points of Historical Interest are sites, buildings, features, or events that are of local (city or county) significance. Points of Historical Interest designated after December 1997 and recommended by the State Historical Resources Commission are also listed in the CRHR.

A historical resource must be significant at the local, state, or national level under one or more of the criteria defined in CCR Title 15, Chapter 11.5, Section 4850 to be included in the CRHR. The CRHR criteria are tied to CEQA because any resource that meets the criteria listed below is considered a significant historical resource under CEQA. As noted above, all resources listed in or formally determined eligible for listing in the NRHP are automatically listed in the CRHR.

The CRHR uses four evaluation criteria:

Criterion 1. Is associated with events that have made a significant contribution to the broad patterns of local or regional history, or to the cultural heritage of California or the United States.

Criterion 2. Is associated with the lives of persons important to local, California, or national history.

Criterion 3. Embodies the distinctive characteristics of a type, period, region, or method of construction; represents the work of a master; or possesses high artistic values.

Criterion 4. Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California or the nation.

Similar to the NRHP, a historical resource must meet one of the above criteria and retain integrity to be listed in the CRHR. The CRHR uses the same seven aspects of integrity used by the NRHP.

California Environmental Quality Act

CEQA requires public agencies to consider the effects of their actions on "historical resources," "unique archaeological resources," and "tribal cultural resources." Pursuant to PRC Section 21084.1, a "project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment." Section 21083.2 requires agencies to determine whether projects would have effects on unique archaeological resources. PRC Section 21084.2 establishes that "[a] project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment."

Historical Resources

"Historical resource" is a term with a defined statutory meaning (PRC Section 21084.1; State CEQA Guidelines Sections 15064.5[a] and [b]). Under State CEQA Guidelines Section 15064.5(a), historical resources include the following:

1) A resource listed in, or determined to be eligible by the State Historical Resources Commission for listing in, the CRHR is considered a historical resource (PRC Section 5024.1).

2) A resource included in a local register of historical resources, as defined in PRC Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1(g), will be presumed to be historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.

3) Any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be a historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource will be considered by the lead agency to be historically significant if the resource meets the criteria for listing in the CRHR (PRC Section 5024.1).

4) The fact that a resource is not listed in or determined to be eligible for listing in the CRHR, not included in a local register of historical resources (pursuant to PRC Section 5020.1[k]), or not identified in a historical resources survey (meeting the criteria in PRC Section 5024.1[g]) does not preclude a lead agency from determining that the resource may be a historical resource as defined in PRC Sections 5020.1(j) or 5024.1.

Unique Archaeological Resources

CEQA also requires lead agencies to consider whether projects would affect unique archaeological resources. PRC Section 21083.2(g) states that "unique archaeological resource" means an archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets one or more of the following criteria:

1. Contains information needed to answer important scientific research questions, and there is a demonstrable public interest in that information.
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

Tribal Cultural Resources

CEQA also requires lead agencies to consider whether projects would affect tribal cultural resources. PRC Section 21074 states:

a) "Tribal cultural resources" are either of the following:

   1) Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are either of the following:

      A) Included or determined to be eligible for inclusion in the California Register of Historical Resources.

      B) Included in a local register of historical resources as defined in subdivision (k) of Section 5020.1.

2) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Section 5024.1. In applying the criteria set forth in subdivision (c) of Section 5024.1 for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.

b) A cultural landscape that meets the criteria of subdivision (a) is a tribal cultural resource to the extent that the landscape is geographically defined in terms of the size and scope of the landscape.

c) A historical resource described in Section 21084.1, a unique archaeological resource as defined in subdivision (g) of Section 21083.2, or a "nonunique archaeological resource" as defined in subdivision (h) of Section 21083.2 may also be a tribal cultural resource if it conforms with the criteria of subdivision (a).

Public Resources Code Section 21080.3

AB 52, signed by the California Governor in September of 2014, established a new class of resources under CEQA: "tribal cultural resources," defined in PRC Section 21074. Pursuant to PRC Sections 21080.3.1, 21080.3.2, and 21082.3, lead agencies undertaking CEQA review must, upon written request of a California Native American Tribe, begin consultation before the release of an EIR, negative declaration, or mitigated negative declaration. CEQA Sections 21080.3.1 and 21080.3.2 state that within 14 days of determining that a project application is complete, or to undertake a project, the lead agency must provide formal notification, in writing, to the tribes that have requested notification of proposed projects in the lead agency's jurisdiction. If it wishes to engage in consultation on the project, the tribe must respond to the lead agency within 30 days of receipt of the formal notification. The lead agency must begin the consultation process with the tribes that have requested consultation within 30 days of receiving the request for consultation. Consultation concludes when either: 1) the parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource, or 2) a party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached.

Public Resources Code Section 21083.2

Treatment options under PRC Section 21083.2(b) to mitigate impacts to archaeological resources include activities that preserve such resources in place in an undisturbed state. PRC Section 21083.2 states:

(a) As part of the determination made pursuant to Section 21080.1, the lead agency shall determine whether the project may have a significant effect on archaeological resources. If the lead agency determines that the project may have a significant effect on unique archaeological resources, the environmental impact report shall address the issue of those resources. An environmental impact report, if otherwise necessary, shall not address the issue of nonunique archaeological resources. A negative declaration shall be issued with respect to a project if, but for the issue of nonunique archaeological resources, the negative declaration would be otherwise issued.

(b) If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of that treatment, in no order of preference, may include, but are not limited to, any of the following:

(1) Planning construction to avoid archaeological sites.

(2) Deeding archaeological sites into permanent conservation easements.

(3) Capping or covering archaeological sites with a layer of soil before building on the sites.

(4) Planning parks, greenspace, or other open space to incorporate archaeological sites.

(c) To the extent that unique archaeological resources are not preserved in place or not left in an undisturbed state, mitigation measures shall be required as provided in this subdivision.

(d) Excavation as mitigation shall be restricted to those parts of the unique archaeological resource that would be damaged or destroyed by the project.

(e) In no event shall the amount paid by a project applicant for mitigation measures required pursuant to subdivision (c) exceed the following amounts:

(1) An amount equal to one-half of 1 percent of the projected cost of the project for mitigation measures undertaken within the site boundaries of a commercial or industrial project.

(2) An amount equal to three-fourths of 1 percent of the projected cost of the project for mitigation measures undertaken within the site boundaries of a housing project consisting of a single unit.

(3) If a housing project consists of more than a single unit, an amount equal to three-fourths of 1 percent of the projected cost of the project for mitigation measures undertaken within the site boundaries of the project for the first unit plus the sum of the following:

(A) Two hundred dollars ($200) per unit for any of the next 99 units.

(B) One hundred fifty dollars ($150) per unit for any of the next 400 units.

(C) One hundred dollars ($100) per unit in excess of 500 units.

(f) Unless special or unusual circumstances warrant an exception, the field excavation phase of an approved mitigation plan shall be completed within 90 days after final approval necessary to implement the physical development of the project or, if a phased project, in connection with the phased portion to which the specific mitigation measures are applicable. However, the project applicant may extend that period if he or she so elects. Nothing in this section shall nullify protections for Indian cemeteries under any other provision of law.

California Native American Historical, Cultural, and Sacred Sites Act

The California Native American Historical, Cultural, and Sacred Sites Act (PRC Section 5097.9) applies to both State and private lands. The act requires, upon discovery of human remains, that construction or excavation activity cease and that the county coroner be notified. If the remains are those of a Native American, the coroner must notify the Native American Heritage Commission (NAHC), which notifies and has the authority to designate the most likely descendant (MLD) of the deceased. The act stipulates the procedures the descendants may follow for treating or disposing of the remains and associated grave goods.

Health and Safety Code, Sections 7050.5

Section 7050.5 of the Health and Safety Code requires that construction or excavation be stopped in the vicinity of discovered human remains until the coroner can determine whether the remains are those of a Native American. If they are determined to be those of a Native American, the coroner must contact NAHC.

Public Resources Code, Section 5097

PRC Section 5097 specifies the procedures to be followed if human remains are unexpectedly discovered on nonfederal land. The disposition of Native American burials falls within the jurisdiction of NAHC. Section 5097.5 of the code states:

> No person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, or any other archaeological, paleontological or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over such lands. Violation of this section is a misdemeanor.

LOCAL

Tulare County General Plan

The Tulare County General Plan contains the following policies that are relevant to cultural resources (Tulare County 2012):

- **ERM-6.1** Evaluation of Cultural and Archaeological Resources - The County shall participate in and support efforts to identify its significant cultural and archaeological resources using appropriate State and Federal standards.

- **ERM-6.2** Protection of Resources with Potential State or Federal Designations - The County shall protect cultural and archaeological sites with demonstrated potential for placement on the National Register of Historic Places and/or inclusion in the California State Office of Historic Preservation's California Points of Interest and California Inventory of Historic Resources. Such sites may be of Statewide or local significance and have anthropological, cultural, military, political, architectural, economic, scientific, religious, or other values as determined by a qualified archaeological professional.
- **ERM-6.3** Alteration of Sites with Identified Cultural Resources - When planning any development or alteration of a site with identified cultural or archaeological resources, consideration should be given to ways of protecting the resources. Development can be permitted in these areas only after a site-specific investigation has been conducted pursuant to CEQA to define the extent and value of resource, and mitigation measures proposed for any impacts the development may have on the resource.
- **ERM-6.4** Mitigation - If preservation of cultural resources is not feasible, every effort shall be made to mitigate impacts, including relocation of structures, adaptive reuse, preservation of facades, and thorough documentation and archival of records.
- **ERM-6.7** Cooperation of Property Owners - The County should encourage the cooperation of property owners to treat cultural resources as assets rather than liabilities, and encourage public support for the preservation of these resources.
- **ERM-6.8** Solicit Input from Local Native Americans - The County shall continue to solicit input from the local Native American communities in cases where development may result in disturbance to sites containing evidence of Native American activity and/or to sites of cultural importance.
- **ERM-6.9** Confidentiality of Archaeological Sites - The County shall, within its power, maintain confidentiality regarding the locations of archaeological sites in order to preserve and protect these resources from vandalism and the unauthorized removal of artifacts.
- **ERM-6.10** Grading Cultural Resources Sites - The County shall ensure all grading activities conform to the County's Grading Ordinance and California Code of Regulations, Title 20, § 2501 et. seq.

3.4.2 Environmental Setting

PRECONTACT HISTORY

Human occupation in the Central Valley is generally subdivided into distinct time periods, each of which is marked by various adaptive patterns and geographical distributions. The following classification system has been defined for the precontact period: Paleo-Indian (11,500–8550 calibrated before common era [cal B.C.E.]), Lower Archaic (8550–5550 cal B.C.E.), Middle Archaic (5550–550 cal B.C.E.), Upper Archaic (550 cal B.C.E.– 1100 cal. C.E.), and Emergent Period (1100 cal C.E.–European Contact).

Paleo-Indian and Lower Archaic Periods (11,500–5550 cal B.C.E)

There is little evidence of the Paleo-Indian and Lower Archaic periods in the Central Valley. The archaeological evidence that is available for the Paleo-Indian Period is primarily defined by basally thinned, fluted projectile points. These points are morphologically similar to well-dated Clovis points found elsewhere in North America. In the Central Valley, fluted points have been recovered from remnant features of the Pleistocene landscape at only three archaeological localities, the Woolfsen Mound in Merced County; Tracey Lake in San Joaquin County; and Tulare Lake basin in Kings County.

Middle Archaic Period (5550–550 cal B.C.E.)

Archaeological sites dating to the first 3,000 years of the Middle Archaic are relatively scarce in the Central Valley, mainly due to natural geomorphic processes. Excavations at Windmiller Pattern sites have yielded abundant remains of terrestrial fauna (deer, tule elk, pronghorn, and rabbits) and fish (sturgeon, salmon, and smaller fishes). Projectile

points with triangular blades and contracting stems are common at Windmiller Pattern sites. A variety of fishing implements such as angling hooks, composite bone hooks, spears, and baked clay artifacts, which may have been used as net or line sinkers, are also relatively common. The points are classified within the Sierra Contracting Stem and Houx Contracting Stem series. The presence of milling implements (grinding slabs, handstones, and mortar fragments) indicate that acorns or seeds were an important part of the Middle Archaic diet.

The artifact assemblage in Berkeley Pattern sites demonstrates that populations continued to exploit a variety plant and animal resources from different environmental zones, including grassland, riparian, and freshwater marsh settings. Deposits of this temporal period have a characteristic well-developed brown midden containing hearth features, fire-fractured rock, storage pits, and house floors. These features indicate that Upper Archaic sites were intensively occupied by large populations.

Upper Archaic Period (550 cal B.C.E. – 1100 cal. C.E.)

The Upper Archaic is characterized by a shift over a 1,000-year period to the more specialized, adaptive Berkeley Pattern. Archaeologists generally agree mortars and pestles are better suited to crushing and grinding acorns, while milling slabs and handstones may have been used primarily for grinding wild grass grains and seeds. New types of shell beads, charmstones, bone tools, and ceremonial blades are additional evidence of the more specialized technology present during this period. The artifact assemblage in Berkeley Pattern sites demonstrates that populations continued to exploit a variety plant and animal resources from different environmental zones, including grassland, riparian, and freshwater marsh settings. Deposits of this temporal period have a characteristic well-developed brown midden containing hearth features, fire-fractured rock, storage pits, and house floors. These features indicate that Upper Archaic sites were intensively occupied by large populations.

Emergent Period (1100 cal. C.E. – European Contact)

The archaeological record for the Emergent or Late Precontact Period shows an increase in the number of archaeological sites associated with the Augustine Pattern in the Sacramento River Valley, as well as an increase in the number and diversity of artifacts. The Emergent Period was shaped by a number of cultural innovations, such as the bow and arrow and intricate fishing technology, as well as an elaborate social and ceremonial organization. Cultural patterns typical of the Emergent Period appear to be reflected in the cultural traditions known from historic period Native American groups.

During the Emergent Period, villages were located along major waterways with smaller settlements found in outlying areas. Settlements on natural levees and high spots in floodplains were common. House floors or other structural remains have been preserved at some sites dating to this period. The increase in sedentism and population growth led to the development of social stratification, with an elaborate social and ceremonial organization. Examples of items associated with rituals and ceremonials include flanged tubular pipes, incised patterned bird bone tubes and whistles, and baked clay effigies representing animals and humans. Mortuary practices changed to include flexed burials, cremations with grave goods and offerings, and pre-interment burning in a burial pit. Currency, in the form of clamshell disk beads, also developed during the later part of the period together with extensive exchange networks that included the Pacific Northwest and southern California (Ascent 2023).

ETHNOHISTORY

The Native Americans who occupied the project vicinity at the time of Euro-American contact (ca. 1850s) are known as the Southern Valley Yokuts. The Southern Yokuts homeland comprised Buena Vista, Kern, and Tulare lakes, their connecting sloughs, and the lower portions of the Kings, Kaweah, Tule, and Kern Rivers (Wallace 1978: 448). Signs of human presence go back in time at least 8,000 years where a number of early-type projectile points, some of the fluted variety. It has been estimated that the Yokuts political unis averaged 350 persons each totaling over 5,000 for the southern San Joaquin Valley tribes.

The Yokuts established permanent villages. Residential structures were most often of two types: single-family dwellings and larger communal residences that housed ten families or more. Villages frequently included mat-covered granaries and a sweathouse.

Yokuts subsistence was based on a mixed economy focused on fishing, collecting, and hunting small game. Fishermen employed tule rafts and caught fish with nets, spears, basket traps, and bow and arrow. Yokuts often gathered mussels and hunted turtles in lakes, rivers, and streams. Wild seeds and roots contributed a large portion of the Yokuts diet. Tule roots were gathered, dried, and pounded into a flour to be prepared as a mush. Tule seeds and grass and flowering herb seeds were prepared in the same way. Leaves and stems of certain plants, such as clover and fiddle-neck, were also collected. Acorns, a staple of most California Native Americans, were not readily available in the Yokuts ethnographic territory. Some Yokuts tribes journeyed to neighboring groups to trade for acorns. Waterfowl was frequently hunted with snares, nets, and bow and arrow. Land mammals and birds contributed a smaller part of the Yokuts diet. Small game was occasionally taken in snares or traps or shot with bows and arrows.

The basic economic unit among the Yokuts was the nuclear family. Totemic lineages were based on patrilineal descent. Totem symbols were passed from father to offspring and families sharing the same totem formed an exogamous lineage. Totems were associated with one of two moieties, a division which played a role during ceremonies and other social events. Yokuts were split into self-governing local groups, most often including several villages. Each group had a chief who directed ceremonies, mediated disputes, handled punishment of those doing wrong, hosted visitors, and provided aid to the impoverished. In certain cases, settlements had two chiefs, one for each moiety. Other political positions included the chief's messenger and the spokesman.

Shamans were also an important part of Yokuts village life. The Yokuts' Shaman gained power through a dream or vision. If, after this vision, the man accepted the role as shaman, he would pray, fast, and acquire talismans to aid him in his future work. Shamans had the ability to heal the sick and served the primary role in religious life. Yokuts technology depended primarily on tule. Stems of the plant served as the raw material for baskets, cradles, boats, housing, and many other items. Tools such as knives, projectile points, and scraping tools were made from imported lithic materials as stone was not readily available in the Central Valley. Marine shells secured through trade with coastal peoples were used in the manufacture of shell money and personal adornment items (Wallace 1978).

HISTORIC SETTING

Regional History

Historic-era California history is divided into three distinct periods: the Spanish Period (1769–1822), the Mexican Period (1822–1848), and the American Period (1848–present). Although there were brief visits by Spanish, Russian, and British explorers from 1529 to 1769, the first significant settlement in California was established by the Spanish at San Diego in 1769. Between 1769 and 1823, 21 missions were built by the Spanish and the Franciscan Order along the coast between San Diego and San Francisco. The Spanish expeditions into the Central Valley in 1806 and 1808 led by Lieutenant Gabriel Moraga explored along the main rivers, including the American, Calaveras, Cosumnes, Feather, Merced, Mokelumne, Sacramento, San Joaquin, and Stanislaus. Moraga is said to have named the lower Sacramento River and the valley region Sacramento.

In 1813, Moraga led another expedition in the lower portion of the Central Valley and gave the San Joaquin River its name. The abundance of wildlife, such as waterfowl, fish, and fur-bearing animals, within or along the banks of the rivers attracted immigrants to this region. The last Spanish expedition into California's interior was led by Luis Arguello in 1817. He and his men traveled up the Sacramento River, past the future site of the City of Sacramento to the mouth of the Feather River, before returning to the coast.

The first American trapper to enter California was Jedediah Smith, who explored along the Sierra Nevada in 1826 and in 1827, entering the Sacramento Valley and traveling along the American and Cosumnes Rivers. In 1827, Smith also traveled through the San Joaquin Valley. Other trappers soon followed, including employees of the Hudson's Bay Company in 1832. Between 1830 and 1833, and again in 1837, diseases were introduced by the non-indigenous explorers, trappers, and settlers. These along with relocation to the missions, military raids, and settlement by non-native groups, decimated native Californian populations, communities, and tribes in the Sacramento and San Joaquin valleys.

The American Period was initiated in 1848 with the signing of the Treaty of Guadalupe Hidalgo, which ended the Mexican–American War (1846–1848) and incorporated California as a territory of the United States. Gold was

discovered at John Sutter's Mill on the American River in Coloma the same year, and by 1849, nearly 90,000 people had journeyed to the gold fields to share in the riches. In 1850, largely as a result of the Gold Rush, California became the thirty-first state. Four years later, the bustling boomtown of Sacramento became the state capital. In contrast to the economic boom and population growth that enabled statehood, the loss of land and territory (including traditional hunting and gathering locales), malnutrition, starvation, and violence contributed to the further decline of indigenous Californians from the Northern California coast to the Sierra Nevada foothills (Ascent 2023).

Local History

Terra Bella was first called Deer Creek Switch, and then "Terrabella" until 1909. The Deer Creek area attracted sheep and cattlemen long before grain was planted in the area. Before the Southern Pacific Railroad came through in 1888, grain from the area had to be hauled to shipping platforms at Pixley, Tipton, and Alila. In 1890, the McNear Warehouse Company constructed warehouses in Terra Bella and Ducor, allowing grain to be shipped from both points.

Land colonization and real estate promotions brought citrus to Terra Bella. In 1908 a group incorporated the Terra Bella Development Company. The next year, a group from Southern California took control of the company. These men included George and Phillip Hart, Marco Hellman, F.J. Thomas, and Frank Ensign. They planned a townsite and built streets, sidewalks, and a water system. The Hart brothers also built a large hotel, a bank, and a depot. Seven thousand surrounding acres were divided into small farms. Excursion trains from Southern California brought in hundreds of prospective buyers.

Although Lindsay became the region's major center of olive processing, the first olive processing plant was built in Terra Bella in 1907 by A. Adams of the Sunland Processing Company of Southern California. Olives were originally shipped in as the first record of an olive grove planted in Terra Bella was 1911. That same year "STOMA", the Southern Tulare County Olive Marketing Association, was established in Terra Bella.

In 1909 a tract of land northeast of Terra Bella was subdivided and sold to local German settlers. The Lutheran Colony grew and prospered over the years. The Zion Lutheran Church and the Zion School were built in 1909. In the early 1900s, Terra Bella suffered from a lack of water for irrigation. The Terra Bella Irrigation District was formed in 1915 but a series of dry years in the 1920s, followed by the Depression, brought bankruptcy to many investors. Land was sold for unpaid taxes and many people were forced to move away (Tulare County 2015: 10).

RECORDS SEARCHES, SURVEYS, AND CONSULTATION

On March 27, 2023, a records search of the project site and a 0.5-mile buffer was conducted at the South San Joaquin Valley Information Center (SSJVIC), at California State University, Bakersfield. The following information was reviewed as part of the records search:

- NRHP and CRHR,
- California Office of Historic Preservation Historic Property Directory,
- California Inventory of Historic Resources,
- California State Historic Landmarks,
- California Points of Historical Interest, and
- Historic properties reference map.

Review of the SSJVIC records search results revealed one previously recorded cultural resource within the project site, a historic-era archaeological site. No cultural resources were recorded within 0.5-mile radius from the project site. The search also found that one previous investigation encompassed the entirety of the project site, and another encompasses approximately one percent of the project site. An additional investigation occurred within one-half mile radius of the project site.

As noted in the *Cultural Resources Inventory Report for the Setton Pistachio Facility Project* (Ascent 2023) (see Appendix D of this Draft EIR), a pedestrian survey of the project site was conducted on April 13, 223. The survey

consisted of a pedestrian inspection, with the surveyors walking 15-meter-wide intervals to ensure maximum ground. Surface visibility was generally poor across the project site due to paved built-out landscaped areas. Cursory survey was conducted on built-out areas. All open areas where the ground was visible were examined. Special attention was given to bare patches of ground, exposed soils, rodent burrows, and dirt piles. No historic-era archaeological or precontact archaeological sites were observed. No intensive level architectural survey was conducted because the project, as currently proposed, would not affect or alter the built environment. The segment of the previously recorded historic-era archaeological site (P-54-004626) within the project site is no longer present as it has been removed or obscured by a paved driveway.

Archaeological Sites

P-54-004626

This historic feature is a long segment of the Southern Pacific Railroad (P-54-004626/CA-TUL-002880H) located between Strathmore, CA and the southern city limits of Porterville. This site was evaluated and determined ineligible for inclusion on the NRHP/CRHR (Baloian et. al 2017). This segment does not retain sufficient integrity to convey its significance under Criterion 1/A. No historically significant individual that is closely associated with the evaluated segment, so it is therefore not considered significant under Criterion 2/B. This railroad segment does not possess the engineering and technological qualities necessary for significance under Criterion 3/C. Lastly, the entire railroad segment appears to be entirely modern and further study would clearly not add any new information. Therefore, the recorded segment is thus not considered significant under Criterion 4/D.

Tribal Cultural Resources

Native American Heritage Commission

A search of the NAHC Sacred Lands File database was requested, to identify tribally sensitive properties on file in or near the Project site. On February 27, 2023, Ascent received the negative results of the SLF search (Ascent 2023).

Native American Consultation

Pursuant to AB 52, the County sent opportunity for tribal consultation notification letters (via certified mail) to these tribal representatives on March 15, 2023.

- Big Sandy Rancheria of Western Mono Indians; Elizabeth D. Kipp, Chairperson
- Tule River Indian Tribe; Neil Peyron, Chairperson
- Tule River Indian Tribe; Dept. of Environmental Protection
- Tule River Indian Tribe; Joey Garfield, Tribal Archaeologist
- Wuksache Indian Tribe/Eshom Valley Band; Kenneth Woodrow, Chairperson

No responses for tribal consultation were received from any of the recipients as a result of this notification. Therefore, no tribal consultation under AB 52 occurred.

3.4.3 Impacts and Mitigation Measures

METHODOLOGY

The impact analysis for archaeological and historical resources is based on the findings and recommendations of the *Cultural Resources Inventory Report for the Setton Pistachio Facility Project* (Ascent 2023) (Appendix D). The analysis is also informed by the provisions and requirements of federal, state, and local laws and regulations that apply to cultural resources.

PRC Section 21083.2(g) defines a "unique archaeological resource" as an archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high

probability that it meets one or more of the following CRHR-related criteria: (1) that it contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information; (2) that it as a special and particular quality, such as being the oldest of its type or the best available example of its type; or (3) that it is directly associated with a scientifically recognized important prehistoric or historic event or person. An impact on a resource that is not unique is not a significant environmental impact under CEQA (State CEQA Guidelines Section 15064.5[c][4]). If an archaeological resource qualifies as a resource under CRHR criteria, then the resource is treated as a unique archaeological resource for the purposes of CEQA.

PRC Section 21074 defines "tribal cultural resources" as "sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe" that are listed or determined eligible for listing in the CRHR, listed in a local register of historical resources, or otherwise determined by the lead agency to be a tribal cultural resource.

For the purposes of the impact discussion, "historical resource" is used to describe built-environment historic-period resources. Archaeological resources (both precontact and historic-era), which may qualify as "historical resources" pursuant to CEQA, are analyzed separately from built-environment historical resources.

THRESHOLDS OF SIGNIFICANCE

Based on Appendix G of the State CEQA Guidelines, the project would result in a significant impact on cultural resources if it would:

- cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5 of the State CEQA Guidelines;
- cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5 of the State CEQA Guidelines;
- cause a substantial adverse change in the significance of a tribal cultural resource, defined in PRC Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe; and that is:
  - Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or
  - A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.
- disturb any human remains, including those interred outside of formal cemeteries.

ISSUES NOT DISCUSSED FURTHER

No historical resources were identified on the project site, either through the records search or the pedestrian survey. Therefore, project construction and operation would have no impact on historical resources. This issue is not analyzed further.

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Impact 3.4-1: Cause a Substantial Adverse Change in the Significance of Unique Archaeological Resources

Project-related ground-disturbing activities could result in discovery or damage of yet undiscovered archaeological resources as defined in State CEQA Guidelines Section 15064.5 or PRC Section 21083.2(g). This would be a **potentially significant** impact.

The SSJVIC records search revealed that one archaeological site has been previously documented within the project site. This historic-era archaeological site (P-54-004626) was evaluated and recommended not eligible for inclusion in the CRHR and therefore is not a resource under CEQA. The pedestrian survey revealed that this previously recorded archaeological site is no longer present within the project limits. Additionally, the pedestrian survey found no anthropogenic soils (i.e., midden), above ground features, or concentrations of shell, bone, or lithic materials that would have indicated the presence of a pre-contact indigenous archaeological deposit. No unique archaeological resources as defined in PRC Section 21083.2(g) or archaeological resources as defined in State CEQA Guidelines Section 15064.5 were identified during the survey.

Nonetheless, project construction could encounter previously undiscovered or unrecorded archaeological sites and materials during preconstruction or construction-related ground disturbing activities. These activities could damage or destroy previously undiscovered unique archaeological resources. This would be a **potentially significant** impact.

Mitigation Measures

Mitigation Measure 3.4-1: For All Ground-Disturbing Construction Activities, Halt Ground Disturbance Upon Discovery of Subsurface Archaeological Features

In the event that any precontact or historic-era subsurface archaeological features or deposits, including locally darkened soil ("midden"), that could conceal cultural deposits are discovered during construction, all ground-disturbing activity within 100 feet of the resources shall be halted and a qualified professional archaeologist shall be retained to assess the significance of the find and advise Tulare County on the site's significance. If the qualified archaeologist and the Tulare County Resources Management Agency determine the archaeological material to be Native American in nature, Setton Pistachio shall contact the appropriate Native American tribe for their input on the preferred treatment of the find. If the find is determined to be significant by the archaeologist and the Tulare County Resources Management Agency (i.e., because it is determined to constitute a unique archaeological resource), the archaeologist and County shall develop, and Setton Pistachio shall implement, appropriate procedures to protect the integrity of the resource and ensure that no additional resources are affected. Procedures could include but would not necessarily be limited to preservation in place (which shall be the preferred manner of mitigating impacts to archaeological sites), archival research, subsurface testing, or contiguous block unit excavation and data recovery (when it is the only feasible mitigation, and pursuant to a data recovery plan).

Significance after Mitigation

Implementation of Mitigation Measure 3.4-1 would reduce impacts associated with archaeological resources to a **less-than-significant** level because it would require the performance of professionally accepted and legally compliant procedures for the discovery and protection of previously undocumented significant archaeological resources.

Impact 3.4-2: Cause a Substantial Adverse Change in the Significance of a Tribal Cultural Resource

Tribal consultation under AB 52 has not resulted in the identification of tribal cultural resources on the project site. However, excavation activities associated with project construction may disturb or destroy previously undiscovered significant subsurface tribal cultural resources. This would be a **potentially significant** impact.

As described above, the County sent notification letters (via certified mail) to all tribes indicated by the NAHC; however, none of the representatives responded. Therefore, this attempt at AB 52 consultation did not result in the identification of tribal cultural resources within the project site. On February 27, 2023, negative results were received from the NAHC for the SLF search. Additionally, neither the SSJVIC records search nor the pedestrian survey revealed any indigenous materials within the project site. Nevertheless, the potential for unidentified subsurface resources to be present that could qualify as a tribal cultural resource remains, and project related ground-disturbing activities could damage or destroy tribal cultural resources. This would be a **potentially significant** impact.

Mitigation Measures

Implement Mitigation Measure 3.4-1

Significance after Mitigation

Implementation of Mitigation Measure 3.4-1 would reduce impacts associated with tribal cultural resources to a **less than significant** level by requiring appropriate treatment and proper care of significant tribal cultural resources, in accordance with the wishes of the geographically and culturally affiliated tribe, in the case of a discovery.

Impact 3.4-3: Disturb Human Remains

Based on documentary research, no evidence suggests that any precontact or historic-era marked or un-marked human interments are present within or in the immediate vicinity of the project site. However, ground-disturbing construction activities could uncover previously unknown human remains. Compliance with California Health and Safety Code Section 7050.5 and California Public Resources Code Section 5097 would make this impact **less than significant**.

Based on documentary research, no evidence suggests that any precontact or historic-era marked or un-marked human interments are present within or in the immediate vicinity of the project site. However, the location of grave sites and Native American remains can occur outside of identified cemeteries or burial sites. Therefore, there is a possibility that unmarked, previously unknown Native American or other graves could be present within the project site and could be uncovered by project-related construction activities.

California law recognizes the need to protect Native American human burials, skeletal remains, and items associated with Native American burials from vandalism and inadvertent destruction. The procedures for the treatment of Native American human remains are contained in California Health and Safety Code Section 7050.5 and California Public Resources Code Section 5097.

These statutes require that, if human remains are discovered, potentially damaging ground-disturbing activities in the area of the remains shall be halted immediately, and the appropriate County coroner shall be notified immediately. If the remains are determined by the coroner to be Native American, NAHC shall be notified within 24 hours and the guidelines of the NAHC shall be adhered to in the treatment and disposition of the remains. Following the coroner's findings, the NAHC-designated Most Likely Descendant, and the landowner shall determine the ultimate treatment and disposition of the remains and take appropriate steps to ensure that additional human interments, if present, are not disturbed. The responsibilities for acting upon notification of a discovery of Native American human remains are identified in PRC Section 5097.94.

Compliance with California Health and Safety Code Section 7050.5 and California Public Resources Code Section 5097 would provide an opportunity to avoid or minimize the disturbance of human remains, and to appropriately treat any remains that are discovered. Therefore, this impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

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3.5 BIOLOGICAL RESOURCES

This section addresses common and sensitive biological resources that could be affected by implementation of the project. Data reviewed in preparation of this analysis, as provided in Appendix E of this EIR, include:

- Results of California Natural Diversity Database (CNDDB) record search of the Porterville, Ducor, Woodville, Sausalito School, Delano East, Richgrove, Quincy School, Fountain Springs, and Success Dam U.S. Geological Survey (USGS) 7.5-minute quadrangles (CNDDB 2023);
- Results of California Native Plant Society (CNPS), Inventory of Rare Plants search of the Porterville, Ducor, Woodville, Sausalito School, Delano East, Richgrove, Quincy School, Fountain Springs, and Success Dam USGS 7.5-minue quadrangles (CNPS 2023);
- A list of species obtained from U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC), that are known or expected to be on or near the project location or could be affected by projects in this location (USFWS 2023);
- Aerial imagery of the project site and region.

In addition, a biologist from Ascent Environmental conducted a reconnaissance-level survey of the project site on April 4-5, 2023.

A scoping comment letter was received from the California Department of Fish and Wildlife (CDFW) regarding biological resources (Vance 2023). Recommendations regarding the wildlife species addressed in the CDFW letter have been included in the impact analysis and required mitigation measures provided below.

3.5.1 Regulatory Setting

FEDERAL

Federal Endangered Species Act

Pursuant to the federal Endangered Species Act (ESA) (16 U.S.C. Section 1531 et seq.), the U.S. Fish and Wildlife Service (USFWS) regulates the taking of species listed in the ESA as threatened or endangered. In general, persons subject to ESA (including private parties) are prohibited from "taking" endangered or threatened fish and wildlife species on private property, and from "taking" endangered or threatened plants in areas under federal jurisdiction or in violation of state law. Under Section 9 of the ESA, the definition of "take" is to "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct." USFWS has also interpreted the definition of "harm" to include significant habitat modification that could result in take.

Section 10 of the ESA applies if a non-federal agency is the lead agency for an action that results in take and no other federal agencies are involved in permitting or funding the action. Section 7 of the ESA applies if a federal discretionary action is required (e.g., a federal agency must issue a permit), in which case the involved federal agency consults with USFWS.

Migratory Bird Treaty Act

The Migratory Bird Treaty Act (MBTA), first enacted in 1918, provides for protection of international migratory birds and authorizes the Secretary of the Interior to regulate the taking of migratory birds. The MBTA provides that it will be unlawful, except as permitted by regulations, to pursue, take, or kill any migratory bird, or any part, nest, or egg of any such bird. Under the MBTA, "take" is defined as "to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or any attempt to carry out these activities." A take does not include habitat destruction or alteration, as long as there is not a direct taking of birds, nests, eggs, or parts thereof. The current list of species protected by the MBTA can be

found in Title 50 of the Code of Federal Regulations (CFR), Section 10.13 (50 CFR 10.13). The list includes nearly all birds native to the United States.

Clean Water Act

Section 404 of the Clean Water Act (CWA) requires project applicants to obtain a permit from U.S. Army Corps of Engineers (USACE) before performing any activity that involves any discharge of dredged or fill material into waters of the United States, including wetlands. Waters of the United States include navigable waters of the United States, interstate waters, tidally influenced waters, and all other waters where the use, degradation, or destruction of the waters could affect interstate or foreign commerce, tributaries to any of these waters, and wetlands that meet any of these criteria or that are adjacent to any of these waters or their tributaries. Many surface waters and wetlands in California meet the criteria for waters of the United States.

In accordance with Section 401 of the CWA, projects that apply for a USACE permit for discharge of dredged or fill material must obtain water quality certification from the appropriate state agency, which in California is the State Water Resources Control Board or designated regional water quality control board (RWQCB), indicating that the action would uphold state water quality standards.

STATE

California Endangered Species Act

Pursuant to the California Endangered Species Act (CESA), a permit from CDFW is required for projects that could result in the "take" of a plant or animal species that is listed by the state as threatened or endangered. Under CESA, "take" is defined as an activity that would directly or indirectly kill an individual of a species but does not include "harm" or "harass," as does the federal definition. As a result, the threshold for take is higher under CESA than under the federal ESA. Authorization for take of state-listed species can be obtained through a California Fish and Game Code Section 2081 incidental take permit.

California Fish and Game Code Sections 3503 and 3503.4—Protection of Bird Nests and Raptors

Section 3503 of the Fish and Game Code states that it is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird. Section 3503.4 of the California Fish and Game Code states that it is unlawful to take, possess, or destroy any raptors (i.e., species in the orders *Falconiformes* and *Strigiformes*), including their nests or eggs. Typical violations include destruction of active nests as a result of tree removal or disturbance caused by project construction or other activities that cause the adults to abandon the nest, resulting in loss of eggs and/or young.

Fully Protected Species under the California Fish and Game Code

Sections 3511, 4700, 5050, and 5515 of the California Fish and Game Code prohibit take of fully protected birds, mammals, reptiles and amphibians, and fish. Species listed under these statutes may not be taken or possessed at any time and no incidental take permits can be issued for these species except for scientific research purposes, for relocation to protect livestock, or as part of a Natural Community Conservation Plan (NCCP).

California Fish and Game Code Section 1602—Lake and Streambed Alteration

All diversions, obstructions, or changes to the natural flow or bed, channel, or bank of any river, stream, or lake in California that supports fish or wildlife resources are subject to regulation by CDFW under Section 1602 of the California Fish and Game Code. Under Section 1602, it is unlawful for any person, governmental agency, or public utility to do any of the following without first notifying CDFW:

- substantially divert or obstruct the natural flow of, or substantially change or use any material from, the bed, channel, or bank of any river, stream, or lake; or
- deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake.

The regulatory definition of a stream is a body of water that flows at least periodically or intermittently through a bed or channel that has banks and supports fish or other aquatic life. This definition includes watercourses with a surface or subsurface flow that supports or has supported riparian vegetation (California Code of Regulations Title 14, Section 1.72). CDFW jurisdiction within altered or artificial waterways is based on the value of those waterways to fish and wildlife. A lake and streambed alteration agreement must be obtained for any diversion or alteration that would substantially adversely affect a fish or wildlife resource in a river, stream, or lake. A substantial change or use of material from bed, bank, or channel includes the alteration or removal of riparian vegetation associated with a lake or stream.

Porter-Cologne Water Quality Control Act

Under the Porter-Cologne Act, waters of the state fall under the jurisdiction of the appropriate RWQCB. The project site is within the Central Valley RWQCB. The RWQCB must prepare and periodically update water quality control plans (basin plans). Each basin plan sets forth water quality standards for surface water and groundwater, as well as actions to control point and nonpoint sources of pollution to achieve and maintain these standards. The RWQCB's jurisdiction includes federally protected waters as well as areas that meet the definition of "waters of the state," including waters meeting the state definition of a wetland. Waters of the state are defined as any surface water or groundwater, including saline waters, within the boundaries of the state. Under the state definition, an area is a wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater or shallow surface water or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area either lacks vegetation or the vegetation is dominated by hydrophytes (i.e., wetland plants).

RWQCB has the discretion to take jurisdiction over areas not federally protected under Section 401 of the CWA provided they meet the definition of waters of the state. The California Water Code generally regulates more substances contained in discharges and defines discharges to receiving waters more broadly than does the CWA. In addition, waters of the state cover a broader range of aquatic habitats than the CWA, including ephemeral streams and wetlands that do not have a connection to waters of the United States. Actions that affect waters of the state, including wetlands, must meet the RWQCB waste discharge requirements. This issue is addressed comprehensively in Section 3.9, "Hydrology and Water Quality," as well as herein with respect to state protected wetlands and associated biological resources.

LOCAL

Tulare County General Plan

The Tulare County 2030 General Plan contains the following policies that are relevant to biological resources, including:

- **Policy ERM-1.1: Protection of Rare and Endangered Species.** The County shall ensure the protection of environmentally sensitive wildlife and plant life, including those species designated as rare, threatened, and/or endangered by state and/or federal government, through compatible land use development.
- **Policy ERM-1.6: Management of Wetlands.** The County shall support the preservation and management of wetland and riparian plant communities for passive recreation, groundwater recharge, and wildlife habitats.
- **Policy ERM-1.14: Mitigation and Conservation Banking Program.** The County shall support the establishment and administration of a mitigation banking program, including working cooperatively with TCAG, federal, state, not-for-profit, and other agencies and groups to evaluate and identify appropriate lands for protection and recovery of threatened and endangered species impacted during the land development process.
- **Policy ERM-1.16: Cooperate with Wildlife Agencies.** The County shall cooperate with state and federal wildlife agencies to address linkages between habitat areas.
- **Policy ERM-1.17: Conservation Plan Coordination.** The County shall coordinate with local, state, and federal habitat conservation planning efforts (including Section 10 Habitat Conservation Plan) to protect critical habitat areas that support endangered species and other special-status species.

3.5.2 Environmental Setting

The project site consists of agricultural parcels in the unincorporated community of Terra Bella in Tulare County. One portion of the project site lies within the Setton Terra Bella Pistachio Facility. The LAA expansion sites are owned by Setton Pistachio and are zoned AE-20 (Exclusive Agricultural Zone - 20 Acre Minimum) by Tulare County. The project site is surrounded mostly by agricultural land, with limited residential and industrial development.

VEGETATION AND WILDLIFE

Habitat within the project site is comprised of winter grain crops and deciduous orchard (pistachio). In the rows between pistachio trees, along roadsides and pond edges, and throughout the agricultural crop fields, the vegetation consists of predominately common barley (*Hordeum vulgare)* with some nonnative forbs scattered throughout, including mustard (*Brassica* spp.), radish (*Raphanus* spp.), and stork's bill (*Erodium* spp.). Very few native grasses and forbs were observed during the reconnaissance survey, including purple needle grass (*Stipa pulchra)* and common fiddleneck (*Amsinckia intermedia)*. The project site does not contain any riparian habitat, sensitive natural communities, or other sensitive habitats. There are several ponds in the project area, including the East and West Ponds, which are human constructed as part of the Setton Pistachio processing wastewater treatment and disposal system. During the reconnaissance survey, honeybees were observed immediately adjacent to the project area. A Setton Farms employee reported sightings of foxes throughout the orchards, however the species of fox was unknown. Small mammal burrows were also observed adjacent to the LAA expansion area.

SENSITIVE BIOLOGICAL RESOURCES

Special-Status Species

Special-status species are defined as species that are legally protected or that are otherwise considered sensitive by federal, state, or local resource agencies. Special-status species are species, subspecies, or varieties that fall into one or more of the following categories, regardless of their legal or protection status:

- officially listed by California under CESA, or the federal government under ESA, as endangered, threatened, or rare;
- a candidate for state or federal listing as endangered or threatened under CESA or ESA;
- taxa (i.e., taxonomic category or group) that meet the criteria for listing, even if not currently included on any list, as described in California Code of Regulations (CCR) Section 15380 of the State CEQA Guidelines;
- species identified by CDFW as species of special concern;
- species listed as fully protected under the California Fish and Game Code;
- species afforded protection under local planning documents; and
- taxa considered by the CDFW to be "rare, threatened, or endangered in California" and assigned a California Rare Plant Rank (CRPR) of 1A, 1B, 2A, or 2B, which are summarized as follows:
  - CRPR 1A - Plants presumed to be extinct in California;
  - CRPR 1B - Plants that are rare, threatened, or endangered in California and elsewhere;
  - CRPR 2A - Plants presumed to be extinct in California but common elsewhere;
  - CRPR 2B - Plants that are rare, threatened, or endangered in California but more common elsewhere;

The term "California species of special concern" is applied by CDFW to animals not listed under ESA or CESA, but that are considered to be declining at a rate that could result in listing, or that historically occurred in low numbers and known threats to their persistence currently exist. CDFW's fully protected status was California's first attempt to identify and protect animals that were rare or facing extinction. Most species listed as fully protected were eventually listed as threatened or endangered under CESA; however, some species remain listed as fully protected

but do not have simultaneous listing under CESA. Fully protected species may not be taken or possessed at any time and no take permits can be issued for these species except for scientific research purposes or for relocation to protect livestock.

Table 3.5-1 provides a list of special-status wildlife species potentially occurring in the project vicinity. The list was developed through a review of biological studies previously conducted in the area and observations made during the April 4-5, 2023 reconnaissance-level site survey.

Based on review of the CNDDB, CNPS Inventory, IPaC, and biological studies previously conducted in the project area, 18 special-status plant species are known to occur in the region. No suitable habitat for special-status plant species was found on the project site due to current and historic agricultural use and disturbance (pistachio orchards, grain crops). No sensitive natural communities or native vegetation types are present onsite. Many of the special-status species identified in Table 3.5-1 do not occur on the project site or have a low potential for occurrence because the habitat elements they require either were never present or are no longer found on the agricultural parcels. Special-status wildlife species that could occur on or adjacent to the project site are evaluated in this DEIR and are discussed in further detail below.

Table 3.5-1 Special–Status Wildlife Species Known or Expected to Occur in the Vicinity of the Project Area and Their Potential for Occurrence in the Project Area

Species	Listing Status[1] Federal	Listing Status[1] State	Habitat	Potential for Occurrence[2]
Amphibians and Reptiles				
Anniella pulchra, Northern California legless lizard	—	SSC	Sandy or loose loamy soils under sparse vegetation. Soil moisture is essential. They prefer soils with a high moisture content.	Not expected to occur. Sparse vegetation suitable for this species is not present in the project area. The grassland areas are densely covered, with only some sparse areas immediately adjacent to paved roads, which would likely exclude this species.
Gambelia sila, Blunt–nosed leopard lizard	FE	SE; FP	Resident of sparsely vegetated alkali and desert scrub habitats, in areas of low topographic relief. Seeks cover in mammal burrows, under shrubs or structures such as fence posts; they do not excavate their own burrows.	Not expected to occur. The project area is located just outside of the easternmost extent of the current known range of this species. Sparse vegetation in scrub habitat suitable for this species are not present in the project area. The project area does not contain any shrub cover.
Spea hammondii, Western spadefoot	—	SSC	Occurs primarily in vernal pool grassland habitats but can be found in valley–foothill hardwood woodlands with vernal pools. Vernal pools are essential for breeding and egg–laying.	Not expected to occur. Vernal pool or seasonal wetland habitat suitable for this species is not present in the project area.
Birds				
Agelaius tricolor, Tricolored blackbird	—	ST	Highly colonial species, most numerous in the Central Valley and vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony. Nest in dense cattails and tulles, riparian scrub, and other low, dense vegetation; forage in grasslands and agricultural fields.	Not expected to occur. Large open waters or nesting habitat suitable for tricolored blackbirds (e.g., riparian habitat, marsh habitat, blackberry brambles) are not present in the project area. The project area is unlikely to support foraging habitat of substantial importance to this species.

Species	Listing Status[1] Federal	Listing Status[1] State	Habitat	Potential for Occurrence[2]
Athene cunicularia, Burrowing owl	—	SSC	Open, dry annual or perennial grasslands, deserts, and scrublands characterized by low–growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	May occur. Open habitat with low-growing vegetation suitable for this species is present in the project area. Additionally, several small mammal burrows were observed during the reconnaissance survey.
Buteo swainsoni, Swainson's hawk	—	ST	Breeds in grasslands with scattered trees, juniper–sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	May occur. Trees within the project area are regularly pruned, harvested, and otherwise disturbed, however large areas of linear trees suitable for this species are present surrounding the project area. Crops may provide foraging habitat, and power poles in the area may provide opportunity for perching.
Gymnogyps californianus, California condor	FE	SE; FP	Require vast expanses of open savannah, grasslands, and foothill chaparral in mountain ranges of moderate altitude. Deep canyons containing clefts in the rocky walls provide nesting sites. Forages up to 100 miles from roost/nest.	Not expected to occur. The project area does not contain large expanses of open savannah or deep canyons for nesting sites. The project area is outside of the current known range of this species.
Empidonax traillii extimus, Southwestern willow flycatcher	FE	—	Inhabits extensive thickets of low, dense willows on edge of wet meadows, ponds, or backwaters; 2,000–8,000 feet elevation. Requires dense willow thickets for nesting/roosting. Low, exposed branches are used for singing posts/hunting perches.	Not expected to occur. Suitable thickets of willows near meadows or ponds are not present in the project area. The project area is below the known elevation range of this species.
Fish				
Lampetra hubbsi, Kern brook lamprey	—	SSC	Sacramento/San Joaquin flowing waters. San Joaquin River system and Kern River. Gravel–bottomed areas for spawning and muddy–bottomed areas where ammocoetes can burrow and feed.	Not expected to occur. The project area does not contain flowing aquatic habitat suitable for this species.

Species	Listing Status[1] Federal	Listing Status[1] State	Habitat	Potential for Occurrence[2]
Invertebrates				
Danaus plexippus, Monarch	FP	—	Winter roost sites extend along the coast from northern Mendocino to Baja California, Mexico. Roosts located in wind–protected tree groves (eucalyptus, Monterey pine, cypress), with nectar and water sources nearby. Along migration routes and within summer ranges, monarch butterflies require two suites of plants: (1) host plants for monarch caterpillars, which are primarily milkweeds (Asclepias spp.) within the family Apocynaceae upon which adult monarchs lay eggs; and (2) nectar–producing flowering plants of many other species that provide food for adult butterflies. Having both host and nectar plants available from early spring to late fall and along migration corridors is critical to the survival of migrating pollinators	Not expected to occur. The project area does not contain coastal habitat suitable for overwintering monarch butterflies. No milkweed species were observed during the reconnaissance–level survey on April 4, 2023. Croplands in the project area are comprised mostly of barley, and do not contain adequate nectar sources.
Branchinecta lynchi, Vernal pool fairy shrimp	FT	—	Endemic to the grasslands of the Central Valley, Central Coast mountains, and South Coast mountains, in astatic rain–filled pools. Inhabit small, clear–water sandstone–depression pools and grassed swale, earth slump, or basalt–flow depression pools.	Not expected to occur. Vernal pool fairy shrimp have been observed within one mile, however they have little ability to disperse, and vernal pool habitat suitable for this species is not present in the project area (CNDDB 2023). The East and West Ponds are much deeper than waters used by this species.
Bombus crotchii, Crotch bumble bee	—	SC	Coastal California east to the Sierra–Cascade crest and south into Mexico. Food plant genera include *Antirrhinum, Phacelia, Clarkia, Dendromecon, Eschscholzia, and Eriogonum*. Bumble bees have three basic habitat requirements: suitable nesting sites for the colonies, availability of nectar and pollen from floral resources throughout the duration of the colony period (spring, summer, and fall), and suitable overwintering sites for the queens.	Not expected to occur. Croplands in the project area are comprised mostly of barley and pistachio orchards, and do not contain adequate nectar sources to support this species. There is no grassland or scrub habitat in the project area.
Desmocerus californicus dimorphus, Valley elderberry longhorn beetle	FT	—	Occurs only in the Central Valley of California, in association with blue elderberry (Sambucus mexicana). Prefers to lay eggs in elderberries 2–8 inches in diameter; some preference shown for "stressed" elderberries.	Not expected to occur. The project area does not contain blue elderberry shrub habitat suitable for this species.

Species	Listing Status[1] Federal	Listing Status[1] State	Habitat	Potential for Occurrence[2]
Mammals				
Antrozous pallidus, Pallid bat	—	SSC	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting. Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	Not expected to occur. The project site does not contain cliffs, crevices, or human-made structures suitable for pallid bat roosting. The trees within the project area are used for agricultural purposes with regular pruning, harvesting, and other disturbance, which likely excludes them for use by this species. The project area is unlikely to support foraging habitat of substantial importance to pallid bat.
Corynorhinus townsendii, Townsend's big–eared bat	—	SSC	Throughout California in a wide variety of habitats. Most common in mesic sites. Roosts in the open, hanging from walls and ceilings. Roosting sites limiting. Extremely sensitive to human disturbance.	Not expected to occur. The project site does not contain walls, ceilings, or other tall structures suitable for Townsend's big-eared bat roosting. The trees within the project area are used for agricultural purposes with regular pruning, harvesting, and other disturbance, which likely excludes them for use by this species. Human disturbance from farming activities is common in the project area. The project area is unlikely to support foraging habitat of substantial importance to Townsend's big-eared bat.
Eumops perotis californicus, Western mastiff bat	—	SSC	Many open, semi–arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grasslands, and chaparral. Roosts in crevices in cliff faces, high buildings, trees, and tunnels.	Not expected to occur. Coniferous forest, woodland, coastal scrub, or chaparral habitat suitable for this species is not present in the project area. The project site does not contain cliff faces, high buildings, or tunnels suitable for western mastiff bat roosting. The trees within the project area are used for agricultural purposes with regular pruning, harvesting, and other disturbance, which likely excludes them for use by this species. The project area is unlikely to support foraging habitat of substantial importance to western mastiff bat.
Dipodomys nitratoides nitratoides, Tipton kangaroo rat	FE	SE	Chenopod scrub, saltbrush scrub, and sink scrub communities in the Tulare Lake Basin of the southern San Joaquin Valley. Needs soft friable soils which escape seasonal flooding. Digs burrows in elevated soil mounds at bases of shrubs.	Not expected to occur. Scrub habitat suitable for this species is not present in the project area, and the area may be subject to seasonal flooding. The project area is outside the current known extent of this species' distribution.
Perognathus inornatus, San Joaquin pocket mouse	—	—	Grassland, oak savanna, and arid scrubland in the southern Sacramento Valley, Salinas Valley, San Joaquin Valley and adjacent foothills, south to the Mojave Desert. Associated with fine–textured, sandy, friable soils.	Not expected to occur. The project area is outside the current known extent of this species' distribution.
Taxidea taxus, American badger	—	SSC	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	Not expected to occur. Shrub, grassland, or forest habitat suitable for this species is not present in the project area. American badger is not known to use agricultural lands.

Species	Listing Status[1] Federal	Listing Status[1] State	Habitat	Potential for Occurrence[2]
Vulpes macrotis mutica, San Joaquin kit fox	FE	ST	Annual grasslands or grassy open stages with scattered shrubby vegetation. Need loose–textured sandy soils for burrowing, and suitable prey base.	Known to occur. The project area contains agricultural habitat with friable soils suitable for San Joaquin kit fox denning. This species is known to occupy disturbed environments and has historically been observed in the project area (CNDDB 2023).
Pekania pennanti, Fisher	FE	SSC	Intermediate to large–tree stages of coniferous forests and deciduous–riparian areas with high percent canopy closure. Uses cavities, snags, logs and rocky areas for cover and denning. Needs large areas of mature, dense forest.	Not expected to occur. Large areas of mature coniferous forest and riparian habitat suitable for this species are not present in the project area. There is no suitable denning habitat for this species (eg., cavities, snags, logs, rocks).
Sorex ornatus relictus, Buena Vista Lake ornate shrew	FE	—	Inhabits wetland habitats surrounding Kern, Buena Vista, and Tulare lakes in elevations below 350 feet. Requires dense ground cover and moist soils that support diverse prey populations of insects, earthworms, and other small invertebrates.	Not expected to occur. Wetland habitats suitable for this species are not present in the project area. Ground cover surrounding the East and West Ponds is sparse to open. The project area is above the known elevation range of this species.

[1] Legal Status Definitions

Federal:

FE Federally Listed as Endangered (legally protected)
FT Federally Listed as Threatened (legally protected)
FD Federally Delisted
FP Proposed for Listing under the federal Endangered Species Act

State:

SSC Species of Special Concern (no formal protection other than CEQA consideration)
SE State Listed as Endangered (legally protected)
ST State Listed as Threatened (legally protected)
SC State Candidate for listing (legally protected)
SD State Delisted
FP Fully Protected (legally protected)

[2] Potential for Occurrence Definitions

Not expected to occur: Species is unlikely to be present because of poor habitat quality, lack of suitable habitat features, or restricted current distribution of the species.
May occur: Suitable habitat is available; however, there are little to no other indicators that the species might be present.
Known to occur: Species has been documented within the treatment site.

Sources: CNDDB 2023; USFWS 2023.

Sensitive Natural Communities

Sensitive natural communities are those native plant communities defined by CDFW as having limited distribution statewide or within a county or region and that are often vulnerable to environmental effects of projects (CDFW 2018). These communities may or may not contain special-status plants or their habitat (CDFW 2018). CDFW designates sensitive natural communities based on their state rarity and threat ranking using NatureServe's Heritage Methodology. Natural communities with rarity ranks of S1 to S3, where S1 is critically imperiled, S2 is imperiled, and S3 is vulnerable, are considered sensitive natural communities to be addressed in the environmental review processes of CEQA and its equivalents (CDFW 2018). There are no sensitive natural communities within or adjacent to the project site.

3.5.3 Environmental Impacts and Mitigation Measures

METHODOLOGY

This impact evaluation is based on data collected during a reconnaissance-level field survey conducted on April 4-5, 2023, review of aerial imagery, and information from several previously completed documents that address biological resources in the project vicinity, as well as species lists and records obtained from the CNDDB and IPaC.

THRESHOLDS OF SIGNIFICANCE

An impact on biological resources is considered significant if implementation of the project would do any of the following:

- have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by CDFW or USFWS;
- have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by CDFW or USFWS;
- have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means;
- interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites;
- conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; and/or
- conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

ISSUES NOT DISCUSSED FURTHER

Special-Status Plants

No special-status plants have potential to occur on the project site. No impact would occur, and this issue is not discussed further.

Riparian Habitat or Other Sensitive Natural Communities

The project site does not contain riparian habitat or any sensitive natural communities. No impact would occur, and this issue is not discussed further.

State or Federally Protected Wetlands

There are no aquatic resources on the project site that meet the state or federal definitions of a wetland and ponds that were constructed in uplands as part of a wastewater treatment system are not subject to regulation pursuant to the federal CWA or the state Porter-Cologne Act. No impact would occur, and this issue is not discussed further.

Wildlife Movement Corridors or Nurseries

According to the California Essential Habitat Connectivity Project, the project site is not located within a Natural Landscape Block or Essential Habitat Connectivity area (Spencer et al. 2010; CDFW 2023). Because the project site does not currently provide an important connection between any areas of natural habitat that would otherwise be isolated. While wildlife may use the project site for nesting and roosting or may pass through the site occasionally, it is unlikely that the project site functions as a significant wildlife movement corridor or wildlife nursery site due to the lack of natural habitat surrounding the site. The project's temporary disturbance to install pipelines and irrigation lines

would not interfere substantially with the movement of any native resident or migratory wildlife species. In addition, the project would not result in any new above-ground structures or alteration of the existing agricultural land uses; therefore, it would not interfere substantially with the movement of any native resident or migratory wildlife species. No impact would occur, and this issue is not discussed further.

Consistency with Habitat Conservation Plans

The project site is not within the plan area of any adopted Habitat Conservation Plan or NCCP. No impact would occur, and this issue is not discussed further.

Consistency with Local Policies or Ordinances

The Tulare County General Plan includes policies designed to protect and preserve special-status species (See Section 3.5.1, "*Regulatory Setting*"). Mitigation measures imposed below are in accordance with these policies. No impact would occur, and this impact is not discussed further.

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Impact 3.5-1 Result in Disturbance to or Loss of Special-Status Wildlife Species and Habitat

Project implementation would include development activities such as ground disturbance and heavy equipment use which could result in disturbance, injury, or mortality of several special-status wildlife species if present, reduced breeding productivity of these species, and loss of species habitat. This would be a **potentially significant** impact.

A total of three special-status wildlife species have the potential to occur on or immediately adjacent to the project site and could be affected by project activities. These species are Swainson's hawk, burrowing owl, and San Joaquin kit fox. Additionally, common native birds and raptor species that do not meet the definition of special-status species but are protected by California Fish and Game Code and the federal MBTA may also nest on or near the project site. Project activities (i.e., vegetation clearing, ground disturbance, staging, heavy equipment use) may result in direct loss of special-status wildlife species, loss of or disturbance to nests or dens, or disturbance leading to abandonment of active nests or dens. This would be a **potentially significant** impact.

Swainson's Hawk

Swainson's hawks typically are found in California only during the breeding season (March–September) and generally begin to arrive in the Central Valley in March. Nesting territories are usually established by April, with incubation and rearing of young occurring through June. Nesting pairs frequently return to the same nest site for multiple years. Swainson's hawks in the Central Valley are generally concentrated on the valley floor and typically do not extend into the foothill ranges.

Swainson's hawks most commonly occur in grasslands, low shrublands, and agricultural habitats that include large trees for nesting. Nests are found in riparian woodlands, roadside trees, trees along field borders, and isolated trees. Prey abundance and accessibility are the most important features determining the suitability of Swainson's hawk foraging habitat. Agricultural operations (e.g., mowing, flood irrigation) have a substantial influence on the accessibility of prey and thus create important foraging opportunities. Swainson's hawks feed primarily on small rodents but also consume insects and birds.

Grain crops on the project site may provide foraging habitat suitable for Swainson's hawk, while trees and power poles in the project vicinity may be suitable for nesting and perching. Construction activities associated with site preparation and the installation of subsurface pipelines during the breeding season near active nest trees could disturb Swainson's hawks or other raptors if they are nesting nearby. Construction disturbance could result in nest abandonment, failure, and/or mortality of chicks or eggs. Other raptor nests located near proposed facilities could also be disturbed or fail as a result of project construction during the breeding season.

Mitigation Measures

Mitigation Measure 3.5-1a: Conduct Focused Surveys for Swainson's Hawk and Other Nesting Raptors

Tulare County shall require Setton to implement the following measures to reduce impacts on Swainson's hawk and other tree-nesting raptors:

- A qualified biologist shall conduct nesting surveys for Swainson's hawk following the *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley* developed by the Swainson's Hawk Technical Advisory Committee (SWHA TAC 2000) in all areas of suitable nesting habitat within 0.5-mile of project disturbance areas.
- For project activities that begin between March 1 and September 15, qualified biologists will conduct additional preconstruction surveys for Swainson's hawk and other nesting raptors no more than 10 days prior to project implementation to identify active nests on and within 0.5 mile of the project site. The surveys will be conducted before the beginning of any construction activities between March 1 and September 15.
- Impacts to nesting Swainson's hawks and other raptors will be avoided by establishing appropriate buffers around active nest sites identified during preconstruction raptor surveys. The exclusionary buffer shall remain in place until the chicks have fledged or as otherwise determined by a qualified biologist. No project activity will commence within the buffer areas until a qualified biologist has determined, in coordination with CDFW, the young have fledged, the nest is no longer active, or reducing the buffer would not likely result in nest abandonment. CDFW guidelines recommend implementation of 0.5- mile-wide buffer for Swainson's hawk and 500-feet for other raptors, but the size of the buffer may be adjusted if a qualified biologist and Setton, in consultation with CDFW, determine that such an adjustment would not be likely to adversely affect the nest. The appropriate no-disturbance buffer for other raptor nests (i.e., species other than Swainson's hawk) shall be determined by a qualified biologist based on site-specific conditions, the species of nesting bird, nature of the project activity, visibility of the disturbance from the nest site, and other relevant circumstances.
- Monitoring of all active raptor nests by a qualified biologist during construction activities will be required if the activity has potential to adversely affect the nest. If construction activities cause the nesting bird to vocalize, make defensive flights at intruders, get up from a brooding position, or fly off the nest, then the no-disturbance buffer shall be increased until the agitated behavior ceases. The exclusionary buffer will remain in place until the chicks have fledged or as otherwise determined appropriate by a qualified biologist.

Significance after Mitigation

Implementing Mitigation Measure 3.5-1a would reduce significant project-related impacts on Swainson's hawk and other nesting raptors to a **less-than-significant** level because it would ensure that these species are not disturbed during nesting so that project construction would not result in nest abandonment and loss of eggs or young if nests are detected.

Burrowing Owl

Grain crops and edges of agricultural fields and areas with burrowing mammals on the project site may provide habitat suitable for burrowing owl. While no sign of burrowing owl (e.g., individuals, whitewash, scat, pellets) was observed during the reconnaissance-level survey for biological resources on April 4-5, 2023, it is possible that a burrowing owl could occupy the project site prior to project implementation. Burrowing owls need burrows at all times to survive and displacing individuals from their burrows can result in indirect impacts such as predation, increased energy demands, increased stress, and risks associated with having to find and compete for burrows, all of which can lead to take or reduced reproduction. Project activities (i.e., ground disturbance, staging, heavy equipment use) may result in direct loss of burrowing owls or active burrows if present on the project site. This would be a **significant** impact.

Mitigation Measures

Mitigation Measure 3.5-1b: Conduct Take Avoidance Survey for Burrowing Owl, Implement Avoidance Measures, and Compensate for Loss of Occupied Burrows

Tulare County shall require Setton to implement the following measures to reduce impacts on burrowing owl:

- A qualified biologist shall conduct focused breeding and nonbreeding season surveys for burrowing owls in areas of suitable habitat on and within 500 feet of the project site. Surveys will be conducted prior to the start of construction activities and in accordance with Appendix D of CDFW's Staff Report on Burrowing Owl Mitigation (2012), which recommends at least three surveys conducted at least 3 weeks apart.
- If no occupied burrows are found, the qualified biologist shall submit a report documenting the survey methods and results to Tulare County and Setton Pistachio, and no further mitigation shall be required.
- If an active burrow is found during the nonbreeding season (September 1 through January 31), the applicant will consult with CDFW regarding protection buffers to be established around the occupied burrow and maintained throughout construction. If occupied burrows are present that cannot be avoided or adequately protected with a no-disturbance buffer, a burrowing owl exclusion plan shall be developed, as described in Appendix E of the CDFW Staff Report. Burrowing owls shall not be excluded from occupied burrows until the project burrowing owl exclusion plan is approved by CDFW and only during the nonbreeding season. The exclusion plan shall include a compensatory habitat mitigation plan (see below).
- If an active burrow is found during the breeding season (February 1 through August 31), occupied burrows shall not be disturbed and shall be provided with a protective buffer at a minimum of 650 feet unless a qualified biologist verifies through noninvasive means that either: (1) the birds have not begun egg laying, or (2) juveniles from the occupied burrows are foraging independently and are capable of independent survival. The size of the buffer may be adjusted depending on the time of year and level of disturbance as outlined in the CDFW Staff Report (2012, pg 9). The size of the buffer may be reduced if a broad-scale, long-term, monitoring program acceptable to CDFW is implemented so that burrowing owls are not adversely affected. Once the fledglings are capable of independent survival, the owls can be evicted, and the burrow can be destroyed per the terms of a CDFW-approved burrowing owl exclusion plan developed in accordance with Appendix E of CDFW Staff Report.
- If burrowing owls are excluded from burrows and the burrows are destroyed by implementation of project construction activities, the applicant shall mitigate the loss of occupied habitat in accordance with guidance provided in the CDFW Staff Report, which states that permanent impacts on nesting, occupied and satellite burrows, and burrowing owl habitat (i.e., grassland or open habitat with suitable burrows) shall be mitigated such that habitat acreage and number of burrows are replaced through permanent conservation of comparable or better habitat with similar vegetation communities and burrowing mammals (e.g., ground squirrels) present to provide for nesting, foraging, wintering, and dispersal. The applicant shall retain a qualified biologist to develop a burrowing owl mitigation and management plan that incorporates the following goals and standards:
    - Mitigation lands shall be selected based on comparison of the habitat lost to the compensatory habitat, including type and structure of habitat, disturbance levels, potential for conflicts with humans, pets, and other wildlife, density of burrowing owls, and relative importance of the habitat to the species throughout its range.
    - If feasible, mitigation lands shall be provided adjacent or proximate to the development area so that displaced owls can relocate with reduced risk of injury or mortality. Feasibility of providing mitigation adjacent or proximate to the development area depends on availability of sufficient habitat to support displaced owls that may be preserved in perpetuity.
    - If habitat suitable for burrowing owl is not available for conservation adjacent or proximate to the development area, mitigation lands can be secured offsite and shall aim to consolidate and enlarge conservation areas outside of planned development areas and within foraging distance of other conservation lands. Mitigation may be also accomplished through purchase of mitigation credits at a CDFW-approved mitigation bank, if available. Alternative mitigation sites and acreages may also be determined in consultation with CDFW.

- If burrowing owl habitat mitigation is completed through permittee-responsible conservation lands, the mitigation plan shall include mitigation objectives, site selection factors, site management roles and responsibilities, vegetation management goals, financial assurances and funding mechanisms, performance standards and success criteria, monitoring and reporting protocols, and adaptive management measures. Success shall be based on the number of adult burrowing owls and pairs using the site and if the numbers are maintained over time. Measures of success, as suggested in the CDFW Staff Report, shall include site tenacity, number of adult owls present and reproducing, colonization by burrowing owls from elsewhere, changes in distribution, and trends in stressors.

Significance after Mitigation

Implementation of Mitigation Measure 3.5-1b would reduce potential impacts on burrowing owl to a **less-than-significant** level by requiring protocol-level surveys for the species, implementation of measures to avoid injury or mortality of burrowing owls and destruction of active burrows if detected, and compensation for loss of burrows.

San Joaquin Kit Fox

San Joaquin kit fox is state listed as threatened and federally listed as endangered. As such, it is protected under both CESA and FESA and consultation with both CDFW and USFWS is required for activities that could result in take. The project area is within the current known distribution of this species, and it has been observed within one mile (CNDDB 2023). San Joaquin kit fox have been known to occupy a range of habitats including grasslands, agricultural lands, and urban and disturbed environments. San Joaquin kit fox primarily feed on small mammals. Females begin cleaning and enlarging natal or pupping dens between September–October, and mating takes place from December–March. Litters are born between February–March. Pups will begin emerging above ground around 1 month old and begin dispersing after 4–5 months in August–September (USFWS 2020). Project implementation including ground disturbance and the use of heavy machinery may result in injury of loss of kit fox and disturbance or loss of dens if this species is present. This would be a **significant** impact.

Mitigation Measure 3.5-1c: Conduct Focused Surveys for San Joaquin Kit Fox and Implement Avoidance Measures

Tulare County shall require Setton to implement the following measures to reduce impacts on San Joaquin kit fox:

- A qualified biologist shall conduct focused surveys for San Joaquin kit fox within a 200-foot buffer around the project area no less than 14 days and no more than 30 days prior to implementation ground disturbance activities.
- If potential kit fox dens are identified within the 200-foot buffer of the project area, a USFWS-approved biologist will determine if the dens are occupied by kit fox. If occupied dens are found, a no-disturbance buffer a minimum of 100 feet around occupied dens will be maintained for the duration of treatment activities. If a natal den is discovered within 200 feet of a treatment site, all activity shall cease, and the applicant will contact the USFWS and CDFW to consult about potential avoidance measures before activities can occur (USFWS 2011).
- Avoidance measures shall be implemented in accordance with the USFWS "Standard recommendations for protection of the endangered San Joaquin kit fix prior to or during ground disturbance" (USFWS 2011). Avoidance measures shall include, but are not limited to:
  - Project related vehicles shall adhere to a 20-mph daytime speed limit and 10-mph nighttime speed limit, except on county roads and state and federal highways.
  - All excavated trenches more than 2 feet deep shall be covered at the close of each day by plywood or a similar material. Before they are closed, they shall be thoroughly inspected for trapped animals. If they cannot be covered each night, they shall have sloped walls or will contain one or more escape ramps constructed of earthen-fill or wooden planks. If a trapped or injured kit fox is discovered, USFWS and CDFW shall be notified within three working days.

- All construction materials, including pipes, culverts, or similar structures with a diameter of 4 inches or greater, that are stored at the construction site for one or more overnight periods shall be thoroughly inspected for fit foxes before use or before the pipe is buried, capped, or otherwise used or moved in any way. If a kit fox is discovered inside a pipe, that section of pipe shall not be moved until consultation with the USFWS and CDFW has occurred. If necessary, under the direct supervision of a biologist, the pipe may be moved one time to remove it from the path of construction activity until the fox has escaped.

Mitigation Measure 3.5-1d: Implement a Worker Environmental Awareness Program

Prior to any ground disturbing activities that would affect San Joaquin kit fix, a qualified biologist shall conduct an education program for all persons employed or otherwise working on the project. The program shall consist of a presentation from the biologist that includes a discussion of the biology and habitat needs of the species, legal protections for the species, penalties for violations, and project-specific protective measures identified by regulatory authorizations. Interpretation shall be provided for non-English speaking workers, and the same instruction shall be provided for any new workers prior to their performing work onsite. Setton Pistachio shall prepare and distribute wallet-sized cards or a fact sheet that contains relevant biological data for workers to carry onsite. Upon completion of the education program, employees shall sign a form stating they attended the program and understand all protection measures.

Significance after Mitigation

Implementation of the Mitigation Measures 3.5-1c and 3.5-1d would reduce significant impacts on San Joaquin kit fox to a **less-than-significant** level by requiring preconstruction surveys and implementation of measures to avoid injury or mortality of San Joaquin kit fox and destruction of dens, if detected.

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3.6 ENERGY

This section was prepared pursuant to CEQA Guidelines Section 15126 and Appendix F of the CEQA guidelines, which require that EIRs include a discussion of the potential energy impacts of projects. The analysis considers whether the proposed improvements to the Setton Terra Bella Pistachio Facility's (facility) existing wastewater treatment plant, East and West storage ponds, and 89 acres of new Land Application Areas (LAAs) (together, the "project") would result in inefficient, wasteful, and unnecessary consumption of energy or conflict with an applicable plan related to energy efficiency or renewable energy.

Public comments were received in response to the notice of preparation. Only one comment was received related to energy. This comment was related to the evaluation of reasonably foreseeable effects of implementation of the project related to increased operational capacity. Impacts 3.6-1 and 3.6-2, below, address the reasonably foreseeable effects of the increase in energy demand and usage that would result from the increase in operational capacity associated with the project.

3.6.1 Regulatory Setting

FEDERAL

Energy Policy and Conservation Act, and IE Standards

The Energy Policy and Conservation Act of 1975 established nationwide fuel economy standards to conserve oil. Pursuant to this Act, the National Highway Traffic and Safety Administration, part of the U.S. Department of Transportation (DOT), is responsible for revising existing fuel economy standards and establishing new vehicle economy standards.

The Corporate Average Fuel Economy (CAFE) program was established to determine vehicle manufacturer compliance with the government's fuel economy standards. Compliance I the CAFE standards is determined based on each manufacturer's average fuel economy for the portion of their vehicles produced for sale in the country. The U.S. Environmental Protection Agency calculates a CAFE value for each manufacturer based on the city and highway fuel economy test results and vehicle sales. Based on information generated under the CAFE program, DOT is authorized to assess penalties for noncompliance.

Energy Policy Act of 1992 and 2005

The Energy Policy Act of 1992 (EPAct) was passed to reduce the country's dependence on foreign petroleum and improve air quality. EPAct includes several parts intended to build an inventory of alternative fuel vehicles (AFVs) in large, centrally fueled fleets in metropolitan areas. EPAct requires certain federal, state, and local government and private fleets to purchase a percentage of light-duty AFVs capable of running on alternative fuels each year. In addition, financial incentives are also included in EPAct. Federal tax deductions are allowed for businesses and individuals to cover the incremental cost of AFVs. States are also required by the act to consider a variety of incentive programs to help promote AFVs. The Energy Policy Act of 2005 provides renewed and expanded tax credits for electricity generated by qualified energy sources, such as landfill gas; provides bond financing, tax incentives, grants, and loan guarantees for clean renewable energy and rural community electrification; and establishes a federal purchase requirement for renewable energy.

Energy Independence and Security Act of 2007

The Energy Independence and Security Act of 2007 is designed to improve vehicle fuel economy and help reduce U.S. dependence on oil. It represents a major step forward in expanding the production of renewable fuels, reducing dependence on oil, and confronting global climate change. The Energy Independence and Security Act of 2007 increases the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022, which represents a nearly fivefold increase over current levels; and reduces U.S. demand for oil by setting a national fuel economy standard of 35 miles per gallon by 2020—an increase in fuel economy standards of 40 percent.

By addressing renewable fuels and the CAFE standards, the Energy Independence and Security Act of 2007 builds upon progress made by the Energy Policy Act of 2005 in setting out a comprehensive national energy strategy for the 21st century.

STATE

Warren-Alquist Act

The 1975 Warren-Alquist Act established the California Energy Resources Conservation and Development Commission, now known as the California Energy Commission (CEC). The act established state policy to reduce wasteful, uneconomical, and unnecessary uses of energy by employing a range of measures. The California Public Utilities Commission regulates privately owned utilities in the energy, rail, telecommunications, and water fields.

State of California Energy Action Plan

CEC is responsible for preparing the state energy plan, which identifies emerging trends related to energy supply, demand, conservation, public health and safety, and the maintenance of a healthy economy. The current plan is the 2003 California Energy Action Plan (2008 update). The plan calls for the state to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero-emission vehicles and addressing their infrastructure needs; and encouragement of urban design that reduces vehicle miles traveled (VMT) and accommodates pedestrian and bicycle access.

Assembly Bill 2076: Reducing Dependence on Petroleum

Pursuant to AB 2076 (Chapter 936, Statutes of 2000), CEC and the California Air Resources Board (CARB) prepared and adopted a joint agency report in 2003, *Reducing California's Petroleum Dependence*. Included in this report are recommendations to increase the use of alternative fuels to 20 percent of on-road transportation fuel use by 2020 and 30 percent by 2030, significantly increase the efficiency of motor vehicles, and reduce per capita VMT (CEC and CARB 2003). A performance-based goal of AB 2076 was to reduce petroleum demand to 15 percent below 2003 demand by 2030.

SB 1389: Integrated Energy Policy

Senate Bill (SB) 1389 (Chapter 568, Statutes of 2002) required CEC to "conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices. The Energy Commission shall use these assessments and forecasts to develop energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety" (PRC Section 25301[a]). This work culminated in the Integrated Energy Policy Report (IEPR).

CEC adopts an IEPR every 2 years and an update every other year. The 2021 IEPR is the most recent IEPR. The 2021 IEPR provides a summary of priority energy issues currently facing the State, outlining strategies and recommendations to further the State's goal of ensuring reliable, affordable, and environmentally responsible energy sources. The report contains an assessment of major energy trends and issues within California's electricity, natural gas, and transportation fuel sectors. The report provides policy recommendations to conserve resources, protect the environment, ensure reliable, secure, and diverse energy supplies, enhance the state's economy, and protect public health and safety. Topics covered in the 2021 IEPR include building decarbonization, coordination between state energy agencies, decarbonizing the State's natural gas system, increasing transportation efficiencies, improving energy reliability and an assessment of the California Energy Demand Forecast (CEC 2022).

Renewables Portfolio Standard

The State passed legislation referred to as the Renewables Portfolio Standard that requires increasing use of renewable energy to produce electricity for consumers. California utilities are required to generate 33 percent of their electricity from renewables by 2020 (SB X1-2 of 2011); 52 percent by 2027 (SB 100 of 2018); 60 percent by 2030 (also SB 100 of 2018); and 100 percent by 2045 (also SB 100 of 2018).

Senate Bill 350: Clean Energy and Pollution Reduction Act of 2015

The Clean Energy and Pollution Reduction Act of 2015 (SB 350) requires that the amount of electricity generated and sold to retail customers per year from eligible renewable energy resources be increased to 50 percent by December 31, 2030. It also establishes energy efficiency targets that achieve statewide, cumulative doubling of the energy efficiency savings in electricity and natural gas end uses by the end of 2030.

Assembly Bill 1007: State Alternative Fuels Plan

AB 1007 (Chapter 371, Statues of 2005) required CEC to prepare a state plan to increase the use of alternative fuels in California. CEC prepared the State Alternative Fuels Plan in partnership with CARB and in consultation with other state, federal, and local agencies. The plan presents strategies and actions California must take to increase the use of alternative nonpetroleum fuels in a manner that minimizes the costs to California and maximizes the economic benefits of in-state production. The plan assessed various alternative fuels and developed fuel portfolios to meet California's goals to reduce petroleum consumption, increase alternative fuel use, reduce greenhouse gas (GHG) emissions, and increase in-state production of biofuels without causing a significant degradation of public health and environmental quality.

Assembly Bill 32, Senate Bill 32, and Climate Change Scoping Plan and Update

In December 2008, CARB adopted its Climate Change Scoping Plan, which contains the main strategies California will implement to achieve reduction of approximately 118 million metric tons (MMT) of carbon dioxide equivalent (CO_2e) emissions, or approximately 21.7 percent from the State's projected 2020 emission level of 545 $MMTCO_2e$ under a business-as-usual scenario (this is a reduction of 47 $MMTCO_2e$, or almost 10 percent, from 2008 emissions). In May 2014, CARB released and has since adopted the *First Update to the Climate Change Scoping Plan* to identify the next steps in reaching AB 32 goals and evaluate progress that has been made between 2000 and 2012 (CARB 2014). According to the update, California is on track to meet the near-term 2020 GHG limit and is well positioned to maintain and continue reductions beyond 2020 (CARB 2014). The update also reports the trends in GHG emissions from various emission sectors (e.g., transportation, building energy, agriculture).

In August 2016, SB 32 and AB 197, which serve to extend California's GHG reduction programs beyond 2020, were signed into law. SB 32 amended the Health and Safety Code to include Section 38566, which contains language to authorize CARB to achieve a statewide GHG emission reduction to at least 40 percent below 1990 levels by no later than December 31, 2030. SB 32 codified the targets established by EO B-30-15 for 2030, which set the next interim step in the State's continued efforts to pursue the long-term target expressed in EOs S-3-05 and B-30-15 of 80 percent below 1990 emission levels by 2050. Achievement of these goals will have the co-benefit of reducing California's dependency of fossil fuels and making land use development and transportation systems more energy efficient.

California's 2017 Climate Change Scoping Plan, prepared by CARB, outlines the main strategies California will implement to achieve the legislated GHG emission target for 2030. It identifies the reductions needed by each GHG emission sector (e.g., transportation, industry, electricity generation, agriculture, commercial and residential, pollutants with high global warming potential, and recycling and waste).

On September 16, 2022, the State legislature passed AB 1279 that codified stringent emissions targets for the State of achieving carbon neutrality and an 85 percent reduction in 1990 emissions level by 2045. CARB released the Final 2022 Scoping Plan for Achieving Carbon Neutrality (2022 Scoping Plan) on November 16, 2022, as also directed by AB 1279 (CARB 2022). The 2022 Scoping Plan traces the pathway for the State to achieve its carbon neutrality and an 85 percent reduction in 1990 emissions goal by 2045 using a combined top down, bottoms up approach using various scenarios. CARB adopted the 2022 Scoping Plan on December 16, 2022.

LOCAL

Tulare County

Tulare County adopted the 2030 Update to the Tulare County General Plan (General Plan Update) in August 2012. The following policy, related to transportation and agriculture, is applicable to the proposed project:

- AG-2.10 Regional Transportation: The County shall work to improve regional transportation systems to support the movement of agricultural products locally, nationally, and globally.

3.6.2 Environmental Setting

ENERGY TYPES AND SOURCES

In Tulare County, Southern California Edison is the main provider of electricity and Southern California Gas provides natural gas. Per the 2022 facility upgrades and Authority to Construct permits, the SJVAPCD has permitted 260 million standard cubic feet of gas per year (MMscf/year) natural gas use for the Terra Bella facility, which is adequate for operation of the Terra Bella Facility at its design capacity (to process 122 million pounds of pistachios per year). Tracking with the harvest operations, in 2021, natural gas usage was 221 MMscf/year and 171 MMscf/year was used in 2022. Additionally, the Terra Bella facility currently uses approximately 12,642 megawatt-hours of electricity, which is primarily provided by two photovoltaic systems totaling 1.7 megawatts. This system produces over 2.6 million kilowatt hours of energy. The balance of electrical demand is provided by Southern California Edison.

3.6.3 Impacts and Mitigation Measures

METHODOLOGY

Levels of construction- and operation-related energy consumption by the project were measured in gallons of gasoline and gallons of diesel fuel. Energy consumption estimates for the proposed increase in operations were based on project-specific information. Where project-specific information was not known, CalEEMod version 2022.1 default values based on the project's location were used. Table 3.6-1 summarizes the levels of energy consumption for the span of construction and Table 3.6-2 summarizes the levels of energy consumption for the year of operation, 2023. Table 3.6-3 summarizes the gasoline and diesel consumption estimated for the project in 2023.

THRESHOLDS OF SIGNIFICANCE

The following significance criteria area based on CEQA Guidelines Appendix F (energy), under which implementation of the project would have a potentially significant adverse impact if the project would:

- result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy, or wasteful use of energy resources, during project construction or operation; and/or
- conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

ISSUES NOT DISCUSSED FURTHER

Natural Gas and Electricity Demand

Although the additional LAAs and increase in process wastewater discharge would allow the Terra Bella facility to operate at its design capacity, the mechanical equipment and facilities necessary to operate at that level were already approved and constructed. As described in Chapter 2 "Project Description" (see 2022 Facility Upgrades), the increased demand for natural gas and electricity due to the expanded hulling operation were previously analyzed in an addendum to the 2015 Terra Bella Community Plan Initial Study/Mitigated Negative Declaration. Those facility improvements were approved and installed. However, without the proposed LAA expansion project, the Terra Bella facility could not operate at full capacity; nevertheless, the facility operations improvements were approved (accept the LAAs), are operational, and this project, would not alter those operations accept that it facilitates operations as approved. Therefore, there is no new natural gas or electrical demand due to the proposed project and this issue is not discussed further.

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Impact 3.6-1: Wasteful, Inefficient, or Unnecessary Consumption of Energy

Temporary construction of the project would result in the consumption of energy; however, construction activities would be temporary and would not increase long-term energy or fuel demand. Operation of the project would increase transportation energy consumption due to the increased off-haul of hull bio-matter; however, the increase in fuel consumption would be minor. Therefore, the project-related energy consumption would not be considered wasteful, inefficient, or unnecessary. This impact would be **less than significant.**

Construction-Related Energy

Construction-related energy consumption would be associated with the consumption of diesel fuel used for off-road equipment to install the wastewater pipeline and below surface irrigation lines in the new LAAs, which would take less than a month to install. Consumption of diesel fuel would occur primarily from operation of heavy-duty equipment (i.e., a trencher, truck and excavator). The energy needs for project construction would be temporary and short-term and are not anticipated to require additional capacity or to substantially increase peak or base period demands for electricity and other forms of energy. Gasoline and diesel would be consumed during construction-related activities by heavy-duty equipment and construction worker commute trips. The one-time energy expenditure required to construct the project would be nonrecoverable. There is no atypical construction-related energy demand associated with the project. Additionally, the energy consumed during construction would be used for the purpose of reducing nuisance odors through the expansion of LAA's and thus be considered necessary. Nonrenewable energy would not be consumed in a wasteful, inefficient, or unnecessary manner when compared to other construction activity in the region. Table 3.6-1 below provides a summary of anticipated construction energy consumption. See Appendix C for detailed energy calculations.

Table 3.6-1 Construction Energy Consumption

Year	Diesel (Gallons)	Gasoline (Gallons)
2023	2 (negligible)	244
Total	2 (negligible)	244

Notes: Gasoline gallons include on-road gallons from worker trips. Diesel gallons include off-road equipment and on-road gallons from worker and vendor trips.

Source: Calculations by Ascent in 2023 (see Appendix C).

Transportation Energy

Implementation of the project would introduce, on average, 1,662 new vehicle trips per year with a peak daily trip rate of 18 trips occurring during peak harvest season during the months of August through October. Outside of peak harvest season, there would be an increase of approximately 5 daily truck trips. These trips are made to various delivery sites associated with delivery of pistachios from the harvest and the off-haul of hull bio-matter. This would result in increased fuel consumption. Additional operational workers are not anticipated due to the project; therefore, there would be no increase in employee trips. See Appendix C for detailed energy calculations. Table 3.6-2 provides a summary of the estimated fuel consumption that would result from the additional vehicular trips.

Table 3.6-2 Project-Related Gasoline and Diesel Consumption Due to Vehicular Trips

Vehicle Category	Gasoline (gal/year)	Diesel (gal/year)
Trucks	2,608	515
Total (All Vehicle Types)	2,608	515

Notes: gal/year = gallons per year. Estimated for the year 2023.

Source: Calculations by Ascent in 2023 (see Appendix C).

Summary

The project would result in energy consumption due to temporary construction-related activities. However, construction-related activities would consume the necessary amount of fuel/energy to complete work in an efficient and timely manner and the consumption of energy for construction purposes would cease upon project completion. Because only the necessary amount of energy would be used to complete the project, and because the expenditure of energy would aid in reducing odor impacts through the expansion of LAAs, the use of energy during construction and operation of the project would not be considered wasteful, inefficient, or unnecessary and this impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

Impact 3.6-2: Conflict with or Obstruct a State or Local Plan for Renewable Energy or Energy Efficiency

Impact 3.7-2 of Section 3.7 "Greenhouse Gas Emissions" explains that implementation of the project would not conflict with the 2022 Scoping Plan or the Tulare County General Plan 2030 Update. These plans include measures and policies intended to reduce GHG emissions, which are directly linked to the expenditure of energy through the combustion of fossil fuels during project construction and operation. Because the analysis in Impact 3.7-2 determined that the project would be consistent with these plans, this impact would be **less than significant** with regard to energy.

The project would introduce additional haul truck trips (including up to 18 additional trips during peak harvest season) for the purpose of transporting both wet and dry biosolids to dairies as well as the delivery of pistachios. These additional haul trips would consume energy (that is, diesel and/or gasoline fuel) in a manner identical to existing haul trips at the Setton Pistachio facility (i.e., transporting biosolids left over from the pistachio hulling process to dairies via haul trucks). No other sources of energy consumption are proposed as part of the project. Therefore, the project would not introduce new energy uses.

Regarding energy, both the 2022 Scoping plan and the Tulare County General Plan prioritize reducing energy consumption, improving energy efficiency and avoiding the introduction of new sources of energy use such as stationary sources that utilize fossil fuels. Therefore, the project would not conflict with these plans because, as stated, the project would not introduce new sources of energy.

The project would increase truck trips associated with delivery of pistachios from the harvest and the off-haul of hull bio-matter. This increase in truck trips would be minimal, limited to a maximum of 18 additional daily truck trips during peak harvest season.

Emissions of GHGs are directly linked to the expenditure of energy from the combustion of fossil fuels during project operation and construction. Therefore, the analysis in Impact 3.7-2 of Section 3.7 "Greenhouse Gas Emissions," which provides an in-depth analysis of project consistency with the GHG reduction goals of the 2022 Scoping Plan and the Tulare County General Plan 2030 Update, can also be used to evaluate project consistency with these plans in regards to energy. As concluded in Impact 3.7-2, the project would have a less than significant impact related to compliance with the 2022 Scoping Plan. Therefore, the project would also have a **less than significant** impact related to consistency with the 2022 Scoping Plan and Tulare County General Plan 2030 Update regarding energy.

Mitigation Measures

No mitigation is required for this impact.

3.7 GREENHOUSE GAS EMISSIONS

This analysis considers whether the proposed development of the improvements to the Setton Terra Bella Pistachio Facility's (facility) existing wastewater treatment facilities, East and West storage ponds, and 89 acres of new Land Application Areas (LAAs) (referred to as the "project") would generate greenhouse gas (GHG) emissions that could have a significant impact on the environment or conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs.

One comment was received in response to the notice of preparation related to GHGs and climate change. The comment was related to the evaluation of reasonably foreseeable effects of increased operational capacity at the Terra Bella facility. Impact 3.7-1 below addresses the anticipated increase in GHG emissions associated with the project-related increase in operations.

3.7.1 Regulatory Setting

FEDERAL

There are no Federal regulations on GHG that pertain to the project.

STATE

Statewide GHG Emission Targets and Climate Change Scoping Plan

Reducing GHG emissions in California has been the focus of the State government for approximately two decades. GHG emission targets established by the State legislature include reducing statewide GHG emissions to 1990 levels by 2020 (AB 32 of 2006) (Health and Safety Code [HSC] Section 38500-38599) and reducing them to 40 percent below 1990 levels by 2030 (SB 32 of 2016) (HCS Section 38566). AB 1279 (HSC 38562.2) codifies a goal for carbon neutrality and reduction of GHG emissions by 85 percent below 1990 levels by 2045. These targets are in line with the scientifically established levels needed in the US to limit the rise in global temperature to no more than 2 degrees Celsius (°C), the warming threshold at which major climate disruptions, such as super droughts and rising sea levels, are projected; these targets also reflect efforts to limit the temperature increase even further to 1.5 °C (United Nations 2015).

CARB adopted the *Final 2022 Scoping Plan for Achieving Carbon Neutrality* (2022 Scoping Plan) on December 16, 2022, establishing the state's pathway to achieve carbon neutrality and an 85 percent reduction in 1990 emissions goal by 2045 using a combined top-down, bottom-up approach under various scenarios. The 2022 Scoping Plan identifies the reductions needed by each GHG emission sector (e.g., transportation [including off-road mobile source emissions], industry, electricity generation, agriculture, commercial and residential, pollutants with high global warming potential, and recycling and waste) to achieve these goals. CARB and other state agencies released the *January 2019 Draft California 2030 Natural and Working Lands Climate Change Implementation Plan* consistent with the carbon neutrality goal of Executive Order B-55-18 (CalEPA et al. 2019).

The State has also passed more detailed legislation addressing GHG emissions associated with transportation, electricity generation, and energy consumption, as summarized below.

Transportation-Related Standards and Regulations

As part of its Advanced Clean Cars program (ACC), CARB established more stringent GHG emission standards and fuel efficiency standards for fossil fuel–powered on-road vehicles than EPA standards. In addition, the program's zero-emission vehicle (ZEV) regulation requires battery, fuel cell, and plug-in hybrid electric vehicles (EVs) to account for up to 15 percent of California's new vehicle sales by 2025 (CARB 2017). In August 2022, CARB adopted the ACC II program, which sets sales requirements to reach the goal of 100 percent ZEV sales in the state by 2035 (CARB 2022a).

Executive Order B-48-18, signed into law in January 2018, requires all State entities to work with the private sector to have at least 5 million ZEVs on the road by 2030, as well as 200 hydrogen-fueling stations and 250,000 EV-charging stations installed by 2025. It specifies that 10,000 of these charging stations must be direct-current fast chargers.

CARB adopted the Low Carbon Fuel Standard (LCFS) in 2007 to reduce the carbon intensity (CI) of California's transportation fuels. Low-CI fuels emit less carbon dioxide (CO_2) than other fossil fuel–based fuels such as gasoline and fossil diesel. The LCFS applies to fuels used by on-road motor vehicles and off-road vehicles, including construction equipment (Wade, pers. comm., 2017). The LCFS was most recently amended in 2019 (CARB 2019).

LOCAL

San Joaquin Valley Air Pollution Control District

The San Joaquin Valley Air Pollution Control District (SJVAPCD or Air District) is the primary agency responsible for addressing air quality concerns in Tulare County. Its role is discussed further in Section 3.1, "Air Quality." The Air District recommends methods for analyzing project-generated GHGs in CEQA analyses and offers multiple potential GHG reduction measures for land use development projects. The Air District published its *Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA* in 2009, which it incorporated into its 2015 *Guidance for Assessing and Mitigating Air Quality Impacts* (GAMAQI) (SJVAPCD 2015). The Air District developed a three-tiered approach to establish thresholds of significance, including a numerical threshold and two qualitative thresholds which include implementation of Air District-adopted Best Performance Standards (BPS) and consistency with a CEQA-backed, adopted Climate Action Plan (CAP). These thresholds provide a uniform scale to measure the significance of GHG emissions from land use and stationary source projects in compliance with CEQA and AB 32. The Air District's goals in developing GHG thresholds include ease of implementation, use of standard analysis tools, and emissions mitigation consistent with AB 32. The Air District's guidance also requires quantification of GHG emissions for any project in which an EIR is prepared. However, since the passage of SB 32 and AB 1279, which mandates a statewide emissions target of 40 percent below 1990 levels by 2030 and an 85 percent reduction below 1990 levels and carbon neutrality by 2045, respectively, the Air District has not developed new numerical thresholds in compliance with this target.

Tulare County

Tulare County Climate Action Plan 2018 Update

Tulare County adopted the Tulare County Climate Action Plan (CAP) in 2012 and updated it in 2018 (Tulare County 2018). The CAP provides a comprehensive list of goals and actions intended to achieve reductions in GHG emissions throughout the county. A GHG inventory for the County was prepared for the CAP using 2015 as the baseline year for emissions. The 2015 inventory is provided in Table 3.7-2. The CAP sets an emissions reduction goal of 31.1 percent of GHG emissions reduced from the baseline year by 2030, or for new developments a 9.0 percent reduction from the 2030 business-as-usual (BAU) scenario. These reductions are consistent with the reductions required by the State to achieve the 2030 target. The CAP refers to the implementation measures outlined in the Tulare County General Plan 2030 Update (General Plan Update) as aiding in achieving the CAP's GHG emissions reduction goal. These measures are listed below. The CAP Update was approved by the Board of Supervisors on December 11, 2018, by Resolution No. 2018-1014 and a Notice of Exemption was filed. The CAP is considered a CEQA qualified document for streamlining principles; however, the measures of the CAP are suited to new development and therefore not applicable to the project, which proposes brief construction activity.

Tulare County General Plan 2030 Update

Tulare County adopted the General Plan Update in August 2012. The following policies from the General Plan Update pertaining to GHGs relate to the project:

- Water Conservation Energy Savings
  - **WR-1.5** Expand Use of Reclaimed Wastewater. To augment groundwater supplies and to conserve potable water for domestic purposes, the County shall seek opportunities to expand groundwater recharge efforts.

- **WR-1.6** Expand Use of Reclaimed Water. The County shall encourage the use of tertiary treated wastewater and household gray water for irrigation of agricultural lands, recreation and open space areas, and large landscaped areas as a means of reducing demand for groundwater resources.

- Solid Waste Reduction and Recycling
  - **PFS-5.4** County Usage of Recycled Materials and Products. The County shall encourage all industries and government agencies in the County to use recycled materials and products where economically feasible.
  - **PFS-5.5** Private Use of Recycled Products. The County shall work with recycling contractors to encourage businesses to use recycled products and encourage consumers to purchase recycled products.

3.7.2 Environmental Setting

GREENHOUSE GAS EMISSIONS AND CLIMATE CHANGE

Certain gases in the earth's atmosphere, classified as GHGs, play a critical role in determining the earth's surface temperature. Solar radiation enters the atmosphere from space, a portion of which is absorbed by the earth's surface, and a smaller portion is reflected toward space. The absorbed radiation is then emitted from the earth as low-frequency infrared radiation. Most solar radiation passes through GHGs; however, infrared radiation is absorbed by these gases. As a result, radiation that otherwise would have escaped back into space is instead "trapped," resulting in a warming of the atmosphere. This phenomenon, known as the greenhouse effect, is responsible for maintaining a habitable climate on earth.

Prominent GHGs contributing to the greenhouse effect are CO_2, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. Human-caused emissions of these GHGs in excess of natural ambient concentrations are found to be responsible for intensifying the greenhouse effect and leading to a trend of unnatural warming of the earth's climate, known as global climate change or global warming. It is "extremely likely" that more than half of the observed increase in global average surface temperature from 1951 to 2010 was caused by the anthropogenic increase in GHG concentrations and other anthropogenic forcing (Intergovernmental Panel on Climate Change [IPCC] 2014).

Climate change is a global problem. GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants, which are pollutants of regional and local concern. Whereas most pollutants with localized air quality effects have relatively short atmospheric lifetimes (approximately 1 day), GHGs have long atmospheric lifetimes (1 year to several thousand years). GHGs persist in the atmosphere long enough to be dispersed around the globe. Although the lifetime of any GHG molecule depends on multiple variables and cannot be determined with any certainty, it is understood that more CO_2 is emitted into the atmosphere than is sequestered by ocean uptake, vegetation, and other forms of sequestration. Of the total annual human-caused CO_2 emissions, approximately 55 percent are estimated to be sequestered through ocean and land uptake every year, averaged over the last 50 years, whereas the remaining 45 percent of human-caused CO_2 emissions remain stored in the atmosphere (IPCC 2013).

Human-caused climate change is a consequence of more than a century of net GHG emissions from energy use, land-use and land use change, lifestyle and patterns of consumption, and production (IPCC 2023:44). Because anthropogenic GHG emissions generated and released in extremely large quantities over an extended period are responsible for the accelerated warming of the earth's surface, it stands to reason that no single project alone would measurably contribute to an incremental change in the global average temperature or to global or local climates or microclimates. From the standpoint of CEQA, GHG impacts relative to global climate change are inherently cumulative.

GREENHOUSE GAS EMISSION SOURCES

As discussed previously, GHG emissions are attributable in large part to human activities. The total GHG inventory for California in 2020 was 370 million metric tons of carbon dioxide equivalent ($MTCO_2e$) (CARB 2022b). This is less than the 2020 target of 431 million $MTCO_2e$ (CARB 2022b).

As shown in Table 3.7-1, which summarizes the statewide GHG inventory for California, transportation, industry, and electricity generation are the largest GHG emission sectors (CARB 2022b).

Emissions of CO_2 are byproducts of fossil fuel combustion. Methane, a highly potent GHG, primarily results from off-gassing (i.e., the release of chemicals from nonmetallic substances under ambient or greater pressure conditions) and is largely associated with agricultural practices and landfills. Nitrous oxide is also largely attributable to agricultural practices and soil management. CO_2 sinks, or reservoirs, include vegetation and the ocean, which absorb CO_2 through sequestration and dissolution (i.e., CO_2 dissolving into the water), respectively, two of the most common processes for removing CO_2 from the atmosphere (EPA 2023).

Table 3.7-1 Statewide GHG Emissions by Economic Sector (2020)

Sector	Emissions ($MMTCO_2e$)	Percent
Transportation	141	38%
Industrial	85	23%
Electricity generation (in state)	41	11%
Agriculture and Forestry	33	9%
Residential	30	8%
Commercial	22	6%
Electricity generation (imports)	19	5%
Total	370	100%

Notes: $MMTCO_2e$ = metric tons of carbon dioxide equivalent

Sources: CARB 2022b.

In 2018, a GHG inventory for the preparation of the 2018 CAP was conducted using 2015 as the emissions baseline year (Tulare County 2018). The County's baseline year inventory is summarized in Table 3.7-2. As shown in Table 3.7-2, on-road transportation and agriculture livestock are the largest GHG emission sectors for the county.

Table 3.7-2 Tulare County Greenhouse Gas Emissions Inventory for 2015

Sector	Emissions ($MTCO_2e$)	Percent
Energy	263,745	3%
Transportation	573,821	68%
Agriculture	8,437,327	88%
Solid Waste	176,925	2%
Water and Wastewater	1,942	<1%
Industrial	173,190	2%
Total	**9,626,950**	**100%**

Notes: Totals may not add due to rounding.

$MTCO_2e$ = metric tons of carbon dioxide equivalent

Source: Tulare County 2018.

EFFECTS OF CLIMATE CHANGE ON THE ENVIRONMENT

According to IPCC, which was established in 1988 by the World Meteorological Organization and the United Nations Environment Programme, global average temperature will increase by 3.7 to 4.8 °C (6.7 to 8.6 degrees Fahrenheit [°F]) by the end of the century unless additional efforts to reduce GHG emissions are made (IPCC 2014:10). According to *California's Fourth Climate Change Assessment*, with global GHGs reduced at a moderate rate California will experience average daily high temperatures that are warmer than the historic average by 2.5 °F from 2006 to 2039, by 4.4 °F from 2040 to 2069, and by 5.6 °F from 2070 to 2100; and if GHG emissions continue at current rates then

California will experience average daily high temperatures that are warmer than the historic average by 2.7 °F from 2006 to 2039, by 5.8 °F from 2040 to 2069, and by 8.8 °F from 2070 to 2100 (OPR et al. 2018).

California has experienced several of the most extreme natural events in its recorded history since 2012: a severe drought from 2012–2016, an almost non-existent Sierra Nevada winter snowpack in 2014-2015, increasingly large and severe wildfires, and back-to-back years of the warmest average temperatures (OPR et al. 2018). According to California Natural Resource Agency's (CNRA's) *Safeguarding California Plan: 2018 Update*, California experienced the driest 4-year statewide precipitation on record from 2012 through 2015; the warmest years on average in 2014, 2015, and 2016; and the smallest and second smallest Sierra snowpack on record in 2015 and 2014 (CNRA 2018). According to the National Oceanic and Atmospheric Administration (NOAA) and the National Aeronautics and Space Administration, 2016, 2017, and 2018 were the hottest recorded years in history (NOAA 2019). In contrast, the northern Sierra Nevada experienced one of its wettest years on record during the 2016-2017 water year (CNRA 2018). The changes in precipitation exacerbate wildfires throughout California through a cycle of high vegetative growth coupled with dry, hot periods which lowers the moisture content of fuel loads. As a result, the frequency, size, and devastation of forest fires has increased. Eastern portions of Merced County were recently evacuated in response to the SCU Lightning Complex Fire, which began on August 18, 2020 and spanned multiple locations throughout Santa Clara County, Alameda County, Contra Costa County, San Joaquin County, Merced County, and Stanislaus County. The fire burned 396,624 acres and was contained on October 1, 2020.

As temperatures increase, the amount of precipitation falling as rain rather than snow also increases, which could lead to increased flooding because water that is normally held in the snowpack of the Sierra Nevada and Cascade Range until spring would flow into the Central Valley during winter rainstorm events. This scenario would place more pressure on California's levee/flood control system (CNRA 2018). Furthermore, in the extreme scenario involving the rapid loss of the Antarctic ice sheet and the glaciers atop Greenland, the sea level along California's coastline is expected to rise 54 inches by 2100 if GHG emissions continue at current rates (OPR et al. 2018).

Temperature increases and changes to historical precipitation patterns will likely affect ecological productivity and stability. Existing habitats may migrate from climatic changes where possible, and those habitats and species that lack the ability to retreat will be severely threatened. Altered climate conditions will also facilitate the movement of invasive species to new habitats, where they could outcompete native species. Altered climatic conditions dramatically endanger the survival of arthropods (e.g., insects, spiders) which could have cascading effects throughout ecosystems (Lister and Garcia 2018). Conversely, a warming climate may support the populations of other insects such as ticks and mosquitos, which transmit diseases harmful to human health such as the Zika virus, West Nile virus, and Lyme disease (European Commission Joint Research Centre 2018).

Changes in temperature, precipitation patterns, extreme weather events, wildfires, and sea-level rise have the potential to threaten transportation and energy infrastructure, crop production, forests and rangelands, and public health (CNRA 2018; OPR et al. 2018). The effects of climate change will also have an indirect adverse impact on the economy as more severe natural disasters cause expensive, physical damage to communities and the state.

Additionally, adjusting to the physical changes associated with climate change can produce mental health impacts such as depression and anxiety.

3.7.3 Environmental Impacts and Mitigation Measures

METHODOLOGY

Regional and local GHG emissions and associated impacts were estimated in accordance with Air District-recommended methodologies.

The California Emissions Estimator Model (CalEEMod) 2022.1 Computer Program was used to estimate project emissions of GHGs (CAPCOA 2022). CalEEMod modeling was based on project-specific information (e.g., land use type, construction phase and equipment to be used, trip projections) where available, reasonable assumptions based

on anticipated construction activities, and default values in CalEEMod that are based on the project's location and land use type. Construction emissions were estimated using equipment mix assumptions based on project-specific data and usage assumptions from CalEEMod defaults. Construction activities associated with the project would likely require the use of equipment like a trencher, an off-highway truck, and an excavator. For the purpose of this evaluation, it is assumed that construction of the project would be completed in a span of one month, commencing on August 1, 2023, and ending on August 30, 2023.

To assess the climate change impacts that would result from the project, the increases in operational activity (e.g., water use and truck deliveries), project-specific information on construction and operational activities were used to estimate GHG emissions, using CalEEMod. Project-specific vehicle miles traveled (VMT) was calculated based on existing haul-trips and adjusted up based on the anticipated increase in project operations. These were then applied to adjust CalEEMod version 2022.1 defaults to calculate operational mobile emissions to provide the most current vehicle emissions rates for on-road vehicles. These trips include increased pistachio delivery trips and an increase in off-hauling of solids to composting and cattle feed locations.

Emissions from energy consumption (electricity and natural gas combustion) were estimated using Southern California Edison emissions factors applied to the anticipated increase in energy consumption for the project. Increased solid waste tonnage from the project was used to estimate solid waste emissions. Area and wastewater-source emissions were estimated using CalEEMod default values for the proposed land use type.

See Appendix C for a detailed description of modeling assumptions, CalEEMod outputs, and calculations.

THRESHOLDS OF SIGNIFICANCE

State CEQA Guidelines Section 15064 and relevant portions of Appendix G recommend that a lead agency consider a project's consistency with relevant, adopted plans and discuss any inconsistencies with applicable regional plans, including plans to reduce GHG emissions. Under Appendix G of the State CEQA Guidelines, implementing a project would result in a cumulatively considerable contribution to climate change if it would:

- generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment, or
- conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of GHGs.

As stated above, the Air District's GAMAQI established a three-tiered approach to evaluating project-related GHG impacts which included a numerical threshold, implementation of Air District-adopted BPS, and consistency with an adopted CAP. Projects consistent with an adopted CAP would be determined to have a less than significant impact related to GHG emissions; however, projects requiring preparation of an EIR, regardless of consistency with a CAP, require quantification of GHG emissions.

Tulare County has adopted a CAP for the purpose of reducing GHG emissions in the county. As indicated in the CAP, most reductions will be achieved through measures that apply to all existing and new sources. The CAP strategy builds on the policies and implementation measures contained in the General Plan combined with existing and planned regulations and programs implementing AB 32 and SB 32. New development projects implementing the General Plan are subject to CEQA and are required to demonstrate consistency with the CAP and achieve emission reductions that enable the County to meet its GHG reduction target. According to the CAP, proposed development projects that are consistent with the emission reduction and adaptation measures included in the CAP and the programs that are developed as a result of the CAP, would be considered to have a less than significant cumulative impact on climate change and emissions consistent with CEQA Guidelines Section 15064(h)(3) as amended to comply with SB 97 (Tulare County 2018). The CAP and its consistency checklist, which provide a way for project applicants to streamline the CEQA process by showing project consistency with the CAP, are intended to be used to determine GHG-related impacts for new development projects (Tulare County 2018). Because the project proposes only an increase in the existing operational capacity and does not introduce new development, it is not considered a development project. Furthermore, the existing pistachio processing facility became operational prior to 2015 and its

transportation (on-road vehicles), off-road equipment, electricity, and fertilizer emissions are accounted for in the CAP emissions inventory.

Additionally, CAPs are developed primarily to address GHG emissions resulting from the addition of square footage and parking (i.e. physical development and transportation-related sources of GHGs). The proposed project does not include additional building square footage, but rather an increase of operational capacity and expansion to the existing wastewater land application area. Also, consistent with SB 743, the analysis of VMT generated by the project is limited to automobile travel. This would be consistent with the intent of the SB 743 and the ability to reduce GHG emissions from land use decisions and the availability of alternatives to automobile travel. As such, under CEQA, heavy duty vehicle VMT associated with hauling of agricultural goods and hull bio-solids is not considered in this analysis. Furthermore, the project would not result in any new employees and would therefore not increase automobile travel and would therefore not contribute to additional VMT.

For the reasons above, the use of the CAP and its consistency checklist is not an applicable approach to determine potential GHG impacts related to the proposed project. As noted previously, the CAP is intended to be used to reduce emissions from new development; therefore, given the project's characteristics (i.e., no new square footage of development proposed), a CAP consistency evaluation has not been prepared. However, consistent with Air District guidance, project-related GHG emissions have been quantified. As detailed below, comparison of these emissions to Sacramento Metro Air Quality Management District (SMAQMD) significance thresholds is provided for illustrative and transparency purposes.

The Air District has not adopted an updated numerical GHG thresholds for the purpose of assessing potential project-related GHG impacts in compliance with the State's 2030 reduction targets. Because the Air District has not adopted updated numerical thresholds, numerical thresholds from other air districts may be used to assess project related GHG impacts. SMAQMD, along with a committee of other regional air districts, has issued guidance for addressing GHG emissions in CEQA documents (SMAQMD 2021). The guidance outlines a numeric threshold for construction-related activities of 1,100 $MTCO_2e$ per year, which has been adopted by SMAQMD. Accordingly, annual construction emissions would be considered significant if they exceed 1,100 $MTCO_2e$ per year.

SMAQMD has also adopted a bright-line threshold of significance for assessing impacts from stationary sources of pollution in Sacramento County of 10,000 $MTCO_2e$ per year. This emissions level is derived from the reporting requirements of the State's Cap-and-Trade Program, which targets emissions from the largest sources of GHGs and air pollution in the state. The State's Cap-and-Trade Program continues to be instrumental in assisting the State in meeting its long-term GHG reduction goals as set forth by AB 1279 (i.e., carbon neutrality and an 80 percent reduction in 1990 level GHG emissions by 2045) as identified in the 2022 Scoping Plan; therefore, SMAQMD's stationary source bright-line threshold can be applied to the project to demonstrate consistency with the 2022 Scoping Plan. The project is not a land use development project and is characterized as a stationary source of GHGs. Therefore, the Project's operational emissions will be compared to SMAQMD's threshold of significance of 10,000 $MTCO_2e$ per year.

Based on these parameters, the Project would have a significant impact on climate change if it would:

- generate GHG emissions during construction that would exceed 1,100 $MTCO_2e$ per year or,
- generate GHG emissions during operation that would exceed 10,000 $MTCO_2e$ per year.

For the reasons above, the use of the CAP and its consistency checklist is not required to determine potential GHG impacts related to the proposed project. However, consistent with Air District guidance, project-related GHG emissions have been quantified. Comparison of these emissions to SMAQMD significance thresholds is provided for transparency purposes.

ISSUES NOT DISCUSSED FURTHER

All issues pertaining to climate change are evaluated in this analysis.

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Impact 3.7-1: Generate Greenhouse Gas Emissions, Either Directly or Indirectly, that May Have a Significant Impact on the Environment

Because project-related construction and operational GHGs would be less than adopted thresholds, and long-term operational GHG emissions would demonstrate substantial progress towards carbon neutrality, the project would not generate GHG emissions, either directly or indirectly, that would have a significant impact on the environment. This impact would be **less than significant**.

Construction-related activities that would generate GHGs include worker commute trips, off-road construction-related equipment (e.g., trenchers, trucks and excavators). Project construction would occur in a single phase over a one-month construction timeline. A detailed description of construction-related modeling methodology is provided above in Section 3.7.2. Total construction-related emissions for the construction-related phase of the project are summarized in Table 3.7-3. Additional details on the modeling assumptions, inputs, and outputs are provided in Appendix C.

Operation of the project would result in emissions of GHGs from increased electricity usage, wastewater generation, and hauling trips associated with solid waste transportation and pistachio delivery, relative to the baseline. Total operations-related emissions are summarized in Table 3.7-3. Additional details on the modeling assumptions, inputs, and outputs are provided in Appendix C.

Table 3.7-3 Project-Generated Construction- and Operational-Related Annual GHG Emissions

Emissions Category	GHG Emissions ($MTCO_2e$/year)
Construction	6
Operational	
Area Sources	<1
Mobile Source	105
Wastewater Generation	58
Solid Waste Disposal	624
Refrigerants	1
Operational Total	**788**

Note: $MMTCO_2e$ = million metric tons of carbon dioxide equivalent.

Source: Calculations by Ascent Environmental 2023.

As shown, construction activities would result in maximum annual emissions of 6 $MTCO_2e$ per year. As detailed earlier, the Air District has not adopted a GHG emission threshold for construction-related emissions. However, this level of one-time GHG emissions is below the applicable threshold of 1,100-$MTCO_2e$/year.

Operational activities would result in maximum annual emissions of 788 tons of $MTCO_2e$. This would also be below the bright-line threshold of 10,000 $MTCO_2e$ recommended by SMAQMD.

Construction- and operation-related activities of the project would not result in emissions of GHGs that exceed the applied thresholds for construction or operations. Therefore, this impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

Impact 3.7-2: Conflict with an Applicable Plan, Policy, or Regulation Adopted for the Purpose of Reducing the Emissions of Greenhouse Gases

The project would not conflict applicable plans, policies, or regulations because it would be consistent with the GHG reduction goals of the 2022 Scoping Plan and the applicable Tulare County General Plan policies. This impact would be **less than significant**.

As stated in "Thresholds of Significance," above, the CAP and its associated consistency checklist are intended to be used to determine GHG impacts from development projects. Because the project does not propose the addition of square footage and would not result in additional VMT, per the intent of SB 743, the CAP consistency checklist would not be applicable to this project. Therefore, the 2022 Scoping Plan is the most relevant plan applicable to the project. Tulare County's General Plan also contains policies relevant to reduction of GHG emissions associated with the project.

2022 Scoping Plan

As stated in Appendix D of the 2022 Scoping plan, lead agencies may analyze the GHG impact of proposed projects by employing a threshold of significance recommended by the applicable air district or other lead agencies (CARB 2022c). As stated in CEQA Guidelines section 15064.7(b), "a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence. As stated above, in the absence of updated Air District-recommended numerical thresholds, numerical thresholds from other air districts may be used to assess project related GHG impacts. For the purpose of this analysis, SMAQMD numerical thresholds were used to evaluate impacts related to GHGs. SMAQMD has adopted a bright-line threshold of significance for assessing impacts from stationary sources of pollution in Sacramento County of 10,000 $MTCO_2e$ per year. This emissions level is derived from the reporting requirements of the State's Cap-and-Trade Program, which targets emissions from the largest sources of GHGs and air pollution in the state. The State's Cap-and-Trade utilized extensively in assisting the State in meeting its long-term GHG reduction goals as set forth by AB 1279 (i.e., carbon neutrality and an 80 percent reduction in 1990 level GHG emissions by 2045) as identified in the 2022 Scoping Plan; therefore, SMAQMD's stationary source bright-line threshold can be applied to the project to demonstrate consistency with the 2022 Scoping Plan. Impact 3.7-1, above, demonstrates that emissions of GHGs from implementation of the project would not exceed the SMAQMD bright-line threshold of 10,000 $MTCO_2e$ per year. Because the project would not result in emissions that exceed SMAQMD's bright-line threshold of significance, it would not conflict with the 2022 Scoping Plan.

Tulare County General Plan 2030 Update

The project would be consistent with the following Tulare County General Plan Update (2012) policies that relate to GHGs.

Water Conservation Energy Savings, Policy WR-1.5 Expand Use of Reclaimed Wastewater and WR-1.6 Expand Use of Reclaimed Water: The project is consistent with these policies because it would increase the discharge of treated process wastewater to irrigate crops in the expanded LAAs, which in turn would expand groundwater recharge.

Solid Waste Reduction and Recycling. PFS-5.4 County Usage of Recycled Materials and Products and PFS-5.5 Private Use of Recycled Products: The project would result in a 20 percent increase in hull bio-matter, from 20 million pounds to 24 million pounds of solid waste. The Terra Bella facility would continue to compost up to its current limit of 12,500 tons of composting and off-haul bio solids to composting and cattle feed locations.

Because the project would not conflict with the GHG reduction goals of the 2022 Scoping Plan and the applicable Tulare County General Plan policies, this impact would be less than significant.

This impact would therefore be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

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3.8 HYDROLOGY AND WATER QUALITY

This section identifies the regulatory context and policies related to hydrology and water quality, describes the existing hydrologic conditions at the project site, and evaluates potential hydrology and receiving water-quality impacts of the proposed Setton Pistachio Terra Bella Project.

Scoping comments received in response to the Notice of Preparation raised concerns regarding impacts of the increased discharge of the process wastewater on underlying groundwater quality, compliance with the Basin Plan salt and nitrate control programs, potential permitting requirements, and evaluation of the increased operations related to the increase on land application areas (LAAs).

3.8.1 Regulatory Setting

FEDERAL

Clean Water Act

The U.S. Environmental Protection Agency (EPA) is the lead federal agency responsible for water quality management for waters of the United States. The Clean Water Act (CWA) is the primary federal law that governs and authorizes water quality control activities by EPA as well as the states. Various elements of the CWA address water quality as it pertains to waters of the United States. These are discussed below.

CWA Water Quality Criteria/Standards

Pursuant to federal law, EPA has published water quality regulations under Title 40 of the CFR. Section 303 of the CWA requires states to adopt water quality standards for all surface waters of the United States that meet the definition of being waters of the United States. As defined by the act, water quality standards consist of designated beneficial uses of the water body in question and criteria that protect the designated uses. Section 304(a) requires EPA to publish advisory water quality criteria that accurately reflect the latest scientific knowledge on the kind and extent of all effects on health and welfare that may be expected from the presence of pollutants in water. Where multiple uses exist, water quality standards must protect the most sensitive beneficial use. As described in the discussion of state regulations below, the State Water Resources Control Board and its nine regional water quality control boards (RWQCBs) have designated authority in California to identify beneficial uses and adopt applicable water quality objectives.

CWA Section 303(d) Impaired Waters List

Under Section 303(d) of the CWA, states are required to develop lists of water bodies that do not attain water quality objectives after implementation of required levels of treatment by point source dischargers (municipalities and industries). Section 303(d) requires that the state develop a total maximum daily load (TMDL) for each of the listed pollutants and waterbody combinations. A TMDL is generally the amount of the pollutant that the water body can receive and still comply with water quality objectives. The TMDL is also a plan to reduce loading of a specific pollutant from various sources to achieve compliance with water quality objectives. In California, implementation of TMDLs is generally achieved through the water quality control plans, known as Basin Plans, of the RWQCBs. See "State Plans, Policies, Regulations, and Laws," below.

National Pollutant Discharge Elimination System

The National Pollutant Discharge Elimination System (NPDES) permit program was established in the Section 402 of the CWA to regulate municipal and industrial discharges to surface waters of the United States. NPDES permit regulations have been established for broad categories of discharges including point source waste discharges and non-agricultural point sources of stormwater runoff. Each NPDES permit identifies limits on allowable concentrations and mass emissions of pollutants contained in the discharge. Sections 401 and 402 of the CWA contain general requirements regarding NPDES permits.

Discharges caused by general construction activities and the general quality of stormwater in municipal stormwater systems is subject to section 402 of the CWA. The goal of the NPDES regulations is to improve the quality of stormwater discharged to receiving waters. The RWQCBs in California are responsible for implementing the NPDES permit system (see the "State Plans, Policies, Regulations, and Laws" section below).

National Flood Insurance Act

The Federal Emergency Management Agency (FEMA) is tasked with responding to, planning for, recovering from and mitigating against disasters. The Federal Insurance and Mitigation Administration within FEMA is responsible for administering the National Flood Insurance Program (NFIP) and administering programs that aid with mitigating future damages from natural hazards.

FEMA prepares Flood Insurance Rate Maps (FIRMs) that delineate the regulatory floodplain to assist local governments with the land use planning and floodplain management decisions needed to meet the requirements of NFIP. Floodplains are divided into flood hazard areas, which are areas designated per their potential for flooding, as delineated on FIRMs. Special Flood Hazard Areas are the areas identified as having a one percent chance of flooding each year (otherwise known as the 100-year flood). In general, the NFIP mandates that development is not to proceed within the regulatory 100-year floodplain if the development is expected to increase flood elevation by 1 foot or more.

STATE

California Porter-Cologne Act

California's primary statute governing water quality and water pollution issues with respect to both surface waters and groundwater is the Porter-Cologne Water Quality Control Act of 1970 (Porter-Cologne Act). The Porter-Cologne Act grants the State Water Board and each of the nine RWQCBs power to protect water quality and is the primary vehicle for implementation of California's responsibilities under the Clean Water Act. The applicable RWQCB for the proposed project is the Central Valley RWQCB. The State Water Resources Control Board and the Central Valley RWQCB have the authority and responsibility to adopt plans and policies, regulate discharges to surface and groundwater, regulate waste disposal sites, and require cleanup of discharges of hazardous materials and other pollutants. The Porter-Cologne Act also establishes reporting requirements for unintended discharges of any hazardous substances, sewage, or oil or petroleum products.

Under the Porter-Cologne Act, each RWQCB must formulate and adopt a water quality control plan (known as a "Basin Plan") for its region. The Central Valley RWQCB has adopted two Basin Plans. The relevant Basin Plan for this project is the Tulare Lake Basin Plan. The Tulare Lake Basin Plan for the Central Valley Region includes a comprehensive list of waterbodies within the Tulare Lake region and detailed language about the components of applicable Water Quality Objectives (WQOs). The Basin Plan recognizes natural water quality, existing and potential beneficial uses, and water quality problems associated with human activities throughout the Tulare Lake Basin. The Basin Plan includes both narrative and numerical WQOs designed to provide protection for all designated and potential beneficial uses for waters of the state, which includes both surface and ground water. The Basin Plan designates beneficial uses of groundwater in vicinity of the Terra Bella facility as suitable or potentially suitable, at a minimum, for municipal and domestic water supply (MUN), agricultural supply (AGR), industrial service supply (IND), industrial process supply (PRO), and wildlife habitat (WILD).

The Central Valley RWQCB also administers the adoption of waste discharge requirements (WDRs), manages groundwater quality, and issues Notice of Applicability for projects within its boundaries under the NPDES General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (General Permit). Basin Plan amendments adopted by the Central Valley Water Board in 2018 and revised in 2020 (Resolution R5-2020-0057), created the new Central Valley-wide salt and nitrate control programs, which have specific requirements for both existing and new dischargers of salts and nitrate in the Central Valley.

Salt and Nitrate Control Programs

Elevated salinity and nitrates are problems affecting much of California's waters. As water supplies become scarcer, and as wastewater streams become more concentrated (as a result of water conservation; less water is mixed with the

same waste load), salinity impairments are occurring with greater frequency and magnitude in areas across the state. Further, some groundwater basins and subbasins exceed drinking water objectives for nitrate due to discharges from agriculture, dairies, septic systems, publicly owned treatment works (POTWs), and other sources such as food processing facilities. The Central Valley RWQCB has taken steps to address this problem, which culminated in an amendment to the Tulare Lake Basin Plan consisting of adoption of the salt and nitrate control programs through Resolution R5-2018-0034. This resolution addresses both legacy and ongoing salt and nitrate accumulation issues and establishes two programs—a prioritized Nitrate Control Program for Discharges to Groundwater and a phased Salt Control Program for Discharges to Surface water and Groundwater—throughout the Central Valley.

Salt and nitrate discharges to groundwater are controlled through permitting approaches under each program. Compliance with each of these programs is required on a schedule identified by the Central Valley RWQCB and involves specific actions, monitoring, and deliverables to ensure that dischargers are meeting their obligations under the program, based on the permitting stream or pathway selected.

Under the Program to Control Salt Discharges to Surface Water and Groundwater, which regulates salinity impacts throughout the Central Valley, dischargers must comply through either Option 1 (Conservative Salinity Permitting Approach) or Option 2 (Alternative Salinity Permitting Approach) upon receiving a Notice to Comply from the Central Valley RWQCB. The Central Valley RWQCB issued Notices to Comply for the Salt Control Program in January 2021, after receiving approval from EPA for the portions of the program that are subject to EPA approval. The Terra Bella facility complies with the Program to Control Salt Discharges to Surface Water and Groundwater through Option 2 and has completed the Permitting and Operation Fee Participation process (under CV-SALTS ID No. 2479).

Under the Program to Control and Permit Nitrate Discharges to Groundwater, dischargers have the option to comply either individually (Pathway A) or collectively with other dischargers (Pathway B) upon receiving a Notice to Comply. Existing permittees within Priority 1 (highest priority) groundwater basins have already received a Notice to Comply. The Terra Bella facility is within the Tule subbasin, which is a Priority 1 subbasin. The Terra Bella facility is complying with the program under Path B as an Industrial Facility Permittee, and is a party to the Tule Basin Water Quality Coalition (TBWQC). As a participating party to the TBWQC, the facility pays its proportionate share of the costs of developing the Tule Subbasin Local Management Zone program and the annual operating costs on a cost share basis and cooperates with Tule Basin Water Foundation as the entity that submitted a Preliminary Management Zone Proposal, including an Early Action Plan, to the Central Valley RWQCB that met the requirements contained in the Basin Plan for the establishment of the Tule Subbasin Local Management Zone. Subsequently, the TBWQC submitted its Preliminary Management Zone Proposal and Early Action Plan on March 8, 2021, its Final Management Zone Proposal on August 29, 2022, and a Management Zone Implementation Plan on September 5, 2023.

Waste Discharge Orders

The Terra Bella facility operates under the following two WDR orders issued by the Central Valley RWQCB as well as Reports of Waste Discharge that were found by the Central Valley Water Board to be complete and that met the requirements of Water Code Section 13264.

- WDR Order 92-191 for Dole Dried Fruit and Nut Company and Terra Bella Pistachio Processing Plant; adopted on September 25, 1992. (WDID 5D541071001)
- WDR Order 94-302 for Dole Citrus and Central Valley Citrus, adopted on October 28, 1994. (WDID 5D542008001)

WDR Order 92-191 regulates the Terra Bella facility and authorizes the discharge of pistachio processing wastewater and stormwater to an unlined wastewater pond and to the facility's LAAs. The facility is currently authorized by the Central Valley RWQCB for a maximum process water flow rate of 3.0 million gallons per day, and 60 million gallons per year to be discharged on a total of 872 acres of LAAs. The pistachio wastewater includes pistachio hulling wastewater (during the harvest season), stormwater from the Terra Bella facility and Terra Bella community, equipment washdown water (approximately 500 gallons per year), and water used to flush clean pipelines (approximately 8,000 gallons per year).

NPDES Construction General Permit for Stormwater Discharges Associated with Construction Activity

The State Water Board adopted the statewide NPDES General Permit in August 1999. The State requires that projects disturbing more than one acre of land during construction file a Notice of Intent with the RWQCB to be covered under this permit. Construction activities subject to the General Permit include clearing, grading, stockpiling, and excavation. Dischargers are required to eliminate or reduce non stormwater discharges to storm sewer systems and other waters. A stormwater pollution prevention plan (SWPPP) must be developed and implemented for each site covered by the permit. The SWPPP must include best management plans (BMPs) designed to prevent construction pollutants from contacting stormwater and keep products of erosion from moving off-site into receiving waters throughout the construction and life of the project; the BMPs must address source control and, if necessary, pollutant control. Construction of the underground pipeline system for the expanded LAAs would disturb more than one acre of land, which would make the project subject to the General Permit pursuant to the CWA Section 402.

Groundwater Management

Groundwater Management is outlined in the California Water Code, Division 6, Part 2.75, Chapters 1-5, Sections 10750 through 10755.4. The Groundwater Management Act was first introduced in 1992 as AB 3030 and has since been modified by SB 1938 in 2002, AB 359 in 2011, and the Sustainable Groundwater Management Act (SB 1168, SB 1319, and AB 1739) in 2014. The intent of the Acts is to encourage local agencies to work cooperatively to manage groundwater resources within their jurisdictions and to provide a methodology for developing a Groundwater Management Plan.

The Sustainable Groundwater Management Act of 2014 (SGMA) became law on January 1, 2015, and applies to all groundwater basins in the state (Water Code Section 10720.3). By enacting the SGMA, the legislature intended to provide local agencies with the authority and the technical and financial assistance necessary to sustainably manage groundwater within their jurisdiction (Water Code Section 10720.1).

Pursuant to the SGMA, any local agency that has water supply, water management or land use responsibilities within a groundwater basin may elect to be a groundwater sustainability agency for that basin (Water Code Section 10723). The San Joaquin Valley – Tule subbasin (Basin number 5-022.13) has six Groundwater Sustainability Agencies (GSAs) that are working together to coordinate under Water Code Section 10723.8: Alpaugh GSA, Delano-Earlimart Irrigation District, Lower Tule River Irrigation District, Pixley Irrigation District, Eastern Tule GSA, and Tri-County Water Authority. The Terra Bella facility is located within the jurisdiction of the Eastern Tule GSA.

Eastern Tule Groundwater Sustainability Agency Groundwater Sustainability Plan

The Eastern Tule GSA Groundwater Sustainability Plan addresses the items identified in the SGMA regulations specific to the Eastern Tule Groundwater Sustainability Agency Joint Powers Authority, including descriptions of the physical characteristics, the water budget (historic and future), specific monitoring features and locations, quantifiable measurable objectives, interim milestones and minimum thresholds for the applicable sustainable management criteria including depth to groundwater, groundwater storage, groundwater quality, and land subsidence between 2020 and 2040, and those projects and management actions proposed to implement during the 20-year planning horizon to achieve groundwater sustainability goals. The Eastern Tule GSA ensures that the interests of beneficial users of groundwater participate in the process of achieving sustainability and works to protect beneficial uses of groundwater identified in the Basin Plan.

LOCAL

Tulare County Code

The Tulare County Code is current through Ordinance 3621, passed January 31, 2023.

Part IV, Health, Safety and Sanitation

Chapter 27 Storm Water Quality and Regulation

The purpose of this Chapter is to provide for the health, safety, and general welfare of the citizens of Tulare County through the regulation of non-storm water discharges to the storm drainage systems owned by the County of Tulare

(also known as the "Municipal Separate Storm Sewer System" or "MS4"), to the maximum extent practicable as required by Federal and state law, including but not limited to the Clean Water Act (33 U.S.C. §1251 et seq.), the Porter-Cologne Water Quality Control Act (Cal. Water Code § 13000 et seq.), and any subsequent amendments. This Chapter establishes methods for controlling the introduction of pollutants into the storm drain system to comply with requirements of the NPDES permit process.

Tulare County General Plan

The Tulare County General Plan identifies the following hydrologic resource goals and policies that are potentially applicable to the proposed project:

Policy WR-1.8 Groundwater Basin Management
The County shall take an active role in cooperating in the management of the County's groundwater resources.

Policy WR-2.4 Construction Site Sediment Control
The County shall continue to enforce provisions to control erosion and sediment from construction sites.

3.8.2 Environmental Setting

CLIMATE

The Terra Bella facility is in a region with an arid climate characterized by dry summers and mild winters. The region experiences a Mediterranean climate, characterized by mild, wet winters and hot, dry summers. Precipitation mainly occurs during the winter months, with most of the rain falling between November and March. The average annual precipitation in Terra Bella is around 10 inches per year, with some variation across years. Average maximum temperatures occur in July and August (approximately 97 degrees Fahrenheit) and minimum temperatures occur in December and January (approximately 46 degrees Fahrenheit) (WRCC 2022).

HYDROLOGY AND DRAINAGE

Regional Hydrology

Terra Bella is in the Tule River watershed, which originates in the Sierra Nevada Mountains. The Tule River connects to the Friant-Kern Canal, which was constructed as a part of the Central Valley Project by the federal government to augment irrigation capacity in Fresno, Tulare, and Kern counties. The Tule River watershed contributes to the local water supply and supports the local ecosystem and local agriculture.

The Friant-Kern Canal is operated by the U.S. Bureau of Reclamation and diverts almost the entire flow of the San Joaquin River, except for occasional flood control and irrigation releases. The Friant Dam sends irrigation water south through the Friant-Kern Canal, and north through the Madera Canal; together this infrastructure makes up the Friant Division of the Central Valley Project. The canal represents a major water conveyance system through the Central Valley, supplying irrigation water to agricultural lands, and therefore playing a crucial role in supporting the local agricultural economy. The Terra Bella facility obtains its source water from Terra Bella Irrigation District (TBID), which in turn obtains its water mainly from the Friant-Kern Canal, and only occasionally supplementing it with groundwater during canal maintenance.

Local Hydrology

The project site slopes gently to the southwest at a slope of 20 to 40 feet per mile at elevations ranging from approximately 443 to 500 feet above mean sea level (Trinity 2021). Surface water drains to Deer Creek located approximately 1.2 miles to the north. The Kern-Friant Canal is approximately 2 miles to the west of LAA Block 9 (the nearest LAA to the canal).

Stormwater Drainage

The project site consists of both the built Terra Bella facilities (processing equipment, buildings, and site improvements), as well as agricultural fields, where stormwater runoff infiltrates directly into the soil. Stormwater from

the built facilities and impervious surfaces is collected, directed into underground pipelines, and discharged to a lined pond, where it is comingled with DAF-treated process wastewater during the harvest season, and stored in the lined pond. During the harvest season, water in the lined pond is filtered and pumped to the east and west ponds before it is distributed to the LAAs to be used for subsurface irrigation (where it infiltrates into the soil).

Flood Conditions

The Terra Bella facilities and the proposed LAAs are located within flood Zone X as shown on FEMA FIRM panels 06107C1958E and 06107C1975E. Zone X is the area determined to be outside the 500-year flood and protected by a levee from a 100-year flood event. The project site is also located outside of the DWR Flood Awareness area (DWR 2023).

Groundwater Hydrology

Like much of the Central Valley, Terra Bella relies heavily on groundwater resources. The main aquifer in the region is the Tulare Basin, which consists of various alluvial and sedimentary deposits. Groundwater pumping is common for agricultural irrigation, domestic water supply, and industrial use. However, overreliance on groundwater has led to issues such as land subsidence and declining water levels in the past.

The Eastern Tule Groundwater Sustainability Agency's Groundwater Sustainability Plan (ETGSA 2020) identifies the Terra Bella facility and LAAs as within the Tule Subbasin, which is in the southern portion of the San Joaquin Valley Groundwater Basin. The hydrogeologic conceptual model states that the Tule Subbasin is located on coalescing alluvial fans and is grouped into five generalized geologic units: unconsolidated continental deposits, Pliocene marine deposits. Santa Margarita Formation, Tertiary sedimentary deposits, and granitic crystalline basement. The youngest geologic unit, the unconsolidated continental deposits, is noted as the primary groundwater reservoir in the subbasin. No groundwater elevation contours were developed for the Terra Bella area of the Tule Subbasin, which includes the Terra Bella facility and LAAs. Based on recent data from the DWR California Statewide Groundwater Elevation Monitoring (CASGEM) system, groundwater depth in the LAAs is more than 100 feet below ground surface (Trinity 2021). The contour lines of groundwater flow from the DWR SGMA Data Viewer reviewed in the fall of 2019 and spring of 2020 in preparation of the 2021 Report of Waste Discharge for the facility indicate a northeast flow direction in the project area and a groundwater gradient of approximately 0.16 inches per foot in the fall of 2019 and approximately 0.085 inches per foot in the spring of 2020 (Trinity 2023).

WATER QUALITY

Surface Water Quality

Deer Creek is the closest waterway to the project site and is 1.2 miles north of the proposed project site. It is listed on the State Water Board 303(d) list as impaired for high pH, chlorpyrifos, and unknown toxicity (State Water Board 2018). Deer Creek is chiefly fed by snowmelt and surface water runoff generated in the Sierra Nevada mountains but is also fed locally by surface runoff during wet periods. The point of discharge for process wastewater from the Terra Bella facility is subsurface discharge to LAAs; process wastewater is not discharged to surface waters and therefore there is no hydrological link between discharged process water and Deer Creek.

Groundwater Quality

Groundwater quality can be affected by many things, but the chief controls on the characteristics of groundwater quality are the source and chemical composition of recharge water, properties of the host sediment, and history of discharge or leakage of pollutants. Groundwater beneath the Terra Bella facility and the LAAs is not currently included as a part of a regular monitoring program. However, groundwater monitoring using existing wells was previously conducted in the general area in December 2016, August 2017, December 2017, and August 2018 that indicated that groundwater quality was not degraded due to Terra Bella facility operations or process wastewater discharge. The past groundwater monitoring does not show evidence of land application of process wastewater negatively impacting groundwater quality beneath or in the vicinity of the facility (Trinity 2023).

Existing Terra Bella Facility Process Wastewater Management

A process flow chart illustrating the steps in the treatment and discharge of the pistachio hulling wastewater is provided in Figure 2-2. As described in Chapter 2, "Project Description," process wastewater from pistachio hulling and processing is comingled with stormwater, when applicable, and discharged to a lined process water storage pond, from where it is sent through the filtration circuit, including twice filtered through the dissolved air flotation (DAF) system. The DAF system is designed to remove suspended solids, biochemical oxygen demand (BOD), and oil and grease from the wastewater by dissolving air in the water or wastewater under pressure and then releasing the air at atmospheric pressure in a floatation tank basin utilizing coagulants and flocculation methods to improve particle removal. The released air forms tiny bubbles which adhere to the suspended matter causing the suspended matter to float to the surface of the water where it is removed by a skimming device. The DAF process removes 90 percent of suspended solids from process water. The filtered wastewater is then routed to the East and West ponds for a short period prior to land application. The water is temporarily held in these ponds then applied to crops through sub-surface irrigation systems on the LAAs.

3.8.3 Environmental Impacts and Mitigation Measures

METHODOLOGY

Evaluation of potential hydrologic and water quality impacts is based on a review of the proposed project plans, as described in Chapter 2, "Project Description," of this EIR and the following documents and studies that address water resources in the vicinity of the project.

- Publicly available data, technical reports, and regulatory documents published by the State Water Board, Central Valley RWQCB, DWR, and other federal, state, and local agencies.
- Waste Discharge Order 92-191
- Waste Discharge Order 94-302
- 2021 and 2023 Reports of Waste Discharge for the Terra Bella facility (Trinity 2021; 2023)
- Application/Report of Waste Discharge General Information Forms for the Terra Bella facility

Information obtained from these sources was reviewed and summarized to describe existing conditions and to identify potential environmental effects, based on the regulatory requirements and thresholds of significance presented below. In determining the level of significance, the analysis assumes that the project would comply with relevant federal, state, and local laws, ordinances, and regulations.

THRESHOLDS OF SIGNIFICANCE

An impact on hydrology or water quality is considered significant if implementation of the project would do any of the following:

- violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality;
- substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin;
- substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would
    - result in substantial erosion or siltation on- or off-site;
    - result in flooding on-site or off-site;
    - create or contribute runoff water that would exceed the capacity of existing or planned stormwater- drainage systems or provide substantial additional sources of polluted runoff;

- impede or redirect flood flows

- in flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation; and/or
- conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

ISSUES NOT DISCUSSED FURTHER

The project would increase pistachio processing wastewater discharge, which would be discharged through underground irrigation lines in additional LAAs at agronomic rates (i.e., the rate that plants naturally uptake water and at which plants would be expected to optimally absorb nutrients). The project would not alter drainage patterns, would not increase impervious surfaces, and would not result in any surface water discharges. As described under 3.8.2, Environmental Setting, above, the existing Terra Bella facility does not discharge to surface waters; the proposed project would not change this. Therefore, surface water drainage and quality would not be affected by the project and these issues are not discussed further.

The Terra Bella facilities and the proposed LAAs are located within flood Zone X as shown on FEMA FIRM panels 06107C1958E and 06107C1975E. Zone X is the area determined to be outside the 500-year flood and protected by a levee from a 100-year flood event. The project site is also located outside of the DWR Flood Awareness area (DWR 2023). The increased discharge of process wastewater via underground irrigation lines in the new LAAs would be applied at agronomic rates. The project would not increase impervious surfaces, would not alter drainage, would not impede or redirect flood flows, and would not result in flooding on-site or off-site. Therefore, the project would have no impact related to flood risk and this issue is not discussed further.

The Terra Bella facility is located over 100 miles east of the Pacific Ocean coast, and approximately ten miles southwest of the nearest lake (Lake Success); therefore, it is not located in an area subject to tsunami or seiche and these issues are not discussed further.

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Impact 3.8-1: Compliance with Groundwater Quality Standards and Groundwater Management Plans

Setton has requested changes to the waste discharge requirements for the Terra Bella facility and proposes additional LAAs to allow an increase in pistachio harvest processing and an increase in the discharge of pistachio process wastewater. Expansion of the LAAs allows application of treated effluent over a broader area. Existing process wastewater best management practices would remain in place at the Terra Bella facility and are effective in protecting the quality of discharge water. The depth to groundwater, agronomic application rate of the treated wastewater, and the nutrient uptake of the pistachios and cover crop effectively prevent the potential for adverse impacts on groundwater from process wastewater discharge. The project would not result in degradation to beneficial uses of water, or otherwise result in degradation to groundwater water quality. Therefore, the project would not violate water quality standards, waste discharge requirements, or otherwise degrade groundwater quality and this impact would be **less than significant**.

Setton has requested changes to the existing WDRs under which the Terra Bella facility is currently authorized to operate and discharge treated wastewater to land. The discharge specifications identified in the WDRs and Reports of Waste Discharge that have become operational under Water Code Section 13264 control various aspects of the Terra Bella wastewater treatment system including effluent characteristics in the ponds and at the point of discharge to the LAAs. The WDRs establish a minimum excess storage capacity, a maximum daily discharge volume, a minimum dissolved oxygen content and pH limits within surface impoundments, and a maximum limit on measured conductivity and TDS in effluent at the point of discharge to LAAs.

Setton has requested the following WDR modifications from the Central Valley RWQCB, which would establish new regulatory limits:

(1) Increase in the maximum annual discharge from 60 million gallons per year to 85 million gallons per year (a 41.6 percent increase);

(2) Add 89 acres of LAAs to allow for a total of 961 acres of land (a 10.2 percent increase) for the land discharge of process wastewater.

(3) Revise the lower end of the current pH range limit for treated wastewater stored in surface impoundments from 6.5 to 4.5 pH units; and

(4) Authorize improvements to the wastewater treatment and distribution system to maintain treatment efficacy while implementing the above three changes.

The primary concerns regarding impacts to groundwater from the proposed project are degradation of groundwater quality from percolation of process wastewater applied to an additional 89 acres of LAAs. The facility's pistachio process wastewater contains elevated salts (particularly potassium), nitrogen, and organic matter, which can degrade groundwater if not managed appropriately. Impacts related to salts, nutrient loading, and the lower pH limit are discussed below.

Process Wastewater and LAA Application Rates

As described above under Section 3.8.2, Environmental Setting, groundwater depth in the area below the LAAs is more than 100 feet below ground surface. The opportunity for wastewater to comingle with groundwater is limited because some evapotranspiration occurs in the upper part of the soil profile. Nevertheless, because percolation of land-applied wastewater occurs below ground, it is expected that some deep percolation of wastewater is occurring and would continue to occur with expansion of the LAAs. Furthermore, the past sampling of groundwater wells did not indicate groundwater quality degradation from past land application of the process wastewater (Trinity 2023).

The Terra Bella facility implements best management practices (BMPs) and effluent treatment control measures to protect water quality. All of these BMPs would continue to be implemented for the project-related increase in pistachio processing and discharge of the process wastewater to additional LAAs. First, the amount of water used in the hulling process is the minimum amount necessary to maintain quality, avoid discoloration, and prevent the formation of aflatoxins. (Aflatoxins are a family of carcinogenic toxins produced by certain fungi that are found in tree nuts such as pistachios). Second, the hulling process water is filtered to remove suspended solids, which serves to remove insoluble BOD, consisting of particulate matter, colloidal solids (protein) and lipids (fats and oils). Third, prior to land application, the treated wastewater is held in ponds for a short period of time to prevent hydrolysis and degradation of insoluble BOD that remains after the solids removal process. Finally, the process wastewater is used primarily as irrigation water for the pistachio orchards in the LAAs. Other BMPs and effluent treatment control measures include using only chemical products according to the intended purpose and as described on labels, management of solid waste generated during the treatment process, and source water and effluent water quality monitoring.

The project would limit the retention time for wastewater in the East and West ponds to approximately two hours in each pond to prevent the hydrolysis and degradation of insoluble cBOD that remains from the DAF treatment and filtration processes. As an additional preventive measure, the ponds would be aerated with either the use of Venturi aerator and/or paddle wheel aerators. Both types of aerators would provide dissolved oxygen ensure that any soluble cBOD in the treated effluent is degraded under aerobic condition (i.e., to prevent septicity and odor production).

The project would involve installation of subsurface irrigation within the new LAAs, which would consist of two rows of irrigation lines laid at a depth of approximately 18 inches below ground surface between the rows of pistachio trees beneath the cover crop. Less than 10 percent of the subsurface irrigation water is lost; thus, most of the applied process wastewater percolates into the ground for plant uptake. The application rate of the treated wastewater to the LAAs would continue to be monitored and managed to ensure that it is consistent with agronomic rates. Optimized agronomic rates are determined by plant leaf and tissue analysis of the pistachio crop. Sufficient resting periods, during which wastewater is not applied to plants to allow them to regrow, restore nutrients, and stay viable, are scheduled between applications of the treated process wastewater.

Between 50 and 100 percent of the LAAs, depending on a given year and the time of year, are planted with a cover crop (winter wheat) to reduce nitrogen loading in the soil and groundwater. The cover crop is planted in the rows between the pistachio trees and is intended to prevent soil and groundwater salt and nutrient loading. The wheat

crop at the facility has been measured to have a root system that penetrates to three and a half feet below ground surface by day 55 of growth. With the LAA drip emitters installed at approximately one and a half feet below ground surface, the root system is in contact with wastewater discharged by the LAA system as well as the soil, facilitating nutrient uptake during growth. Both the winter wheat and pistachio plants utilize potassium and nitrogen from the soil, at rates that are met, in part, by salt and nutrients deposited from land-applied process wastewater.

Pistachio trees are alternate-bearing, meaning the harvest is heavier (yield-wise) in alternate years. According to University of California Davis Fruits & Nut Research & Information Center, pistachio crops during heavier harvest yield years utilize between approximately 200 and 225 pounds per acre per year (lb/ac/yr) of nitrogen and 110 to 200 lb/ac/yr of potassium. During lower yield-years, pistachios utilize approximately 100 to 113 lb/ac/yr of nitrogen and 36 to 100 lb/ac/yr of potassium. Nitrogen uptake of common wheat in San Joaquin Valley is estimated to be 108 lb/ac/yr while potassium uptake is 67 lb/ac/yr. The Central Valley RWQCB has suggested that for pistachios and wheat combined, nitrogen uptake is 375-400 lb/ac/yr for on-years and 275-288 lb/ac/yr for off-years and that potassium uptake is 266-366 lb/ac/yr for on-years and 202-266 lb/ac/yr for off-years (Trinity 2023). This degree of uptake is substantial and contributes to lower soil nutrient loading. Because the proposed increase in process wastewater would be discharged to LAAs, planted in pistachios and cover crops and discharged at agronomic rates, the salt and nutrient loading effects on groundwater and groundwater quality would remain consistent with what is currently observed, and this impact would be less than significant.

Revised pH Limit

The proposed amendment to lower the lower pH limit in WDR 92-191 from 6.5 to 4.5 pH units would allow the Terra Bella process water to be stored in ponds and discharged to the LAAs at a more acidic pH than currently authorized. pH is an important parameter in water quality monitoring because it affects most other chemical and biological processes in water, including the toxicity of some water quality constituents. The wastewater generated during the pistachio hulling process typically has low, mildly acidic pH, ranging from 4.5 to 6.0. This low pH is consistent with pistachio hulling wastewater from other pistachio processing facilities in the Central Valley. The original 1992 WDR acknowledged this feature of pistachio processing wastewater; at the time pH measured at the ponds ranged between 5.1 and 5.9. Monitoring in 2021 and 2022 at the Terra Bella facility documented that the process wastewater has remained in this 5.1 to 5.9 range (Trinity 2023).

The Terra Bella facility has, in the past, tried to address process wastewater management such that pH would measure within the limit of 6.5 pH units per WDR 92-191. During the 2020 harvest season, operations were modified to raise the pH of wastewater during residence time in the holding pond prior to discharge by mixing wastewater with caustic soda and lime. The addition of basic chemicals such as caustic soda or lime to adjust pH is a commonly used and safe way to raise pH in treatment plants. These modifications were met with limited success; due to natural fatty-acid production from the removed pistachio hulls, pH remained consistently lower than desired, and it was determined that pH adjustment is not possible from both an engineering and cost standpoint. As such, this method of treatment is not a viable option for the Terra Bella facility to manage the pH of wastewater in the treatment stream. Thus, the project also includes an amendment to reduce the current lower pH limit of wastewater discharge from 6.5 to 4.5 units.

The low pH wastewater stored in the unlined wastewater ponds during harvest does not substantially affect the underlying soils capacity to maintain stable pH (also known as the "buffering capacity" of a soil) either during storage in the ponds or following discharge to the LAAs. A combination of site soil characteristics and treatment conditions result in soil and groundwater conditions that are relatively unaffected by the pH of water contained in the ponds and making it unlikely that leaching of charged ions or nutrients into groundwater would occur. There are multiple reasons for this. The first is that the bottom of the storage ponds consist of a hardened impervious layer (a "hardpan") that impairs drainage and minimizes the percolation of wastewater through the bottom of the pond and prevents contact with soil and comingling with groundwater. In addition to the hardpan, approximately three feet of sludge accumulates and settles to the bottom of the pond by the end of the harvest season. While removed annually to maintain pond capacity, this sludge provides additionally buffering for the low pH wastewater while in temporary storage during the harvest season. The sludge is an organic material produced by the pistachio production process, has a high buffering capacity, and serves as a barrier to downward migration of charged ions and nutrients in the wastewater.

While the hardpan and sludge layers effectively limit the amount of wastewater that can percolate downward below the ponds, they are not fully impervious. Therefore, there is some degree of wastewater percolation into the underlying soils. To evaluate the effects on soil and groundwater quality from percolation of pond water, the facility has investigated the soil chemistry of pond-adjacent soils. Based on soil sampling at the facility in 2017, the clay and clay loam soils exhibited high buffering capacity, which means that they have the ability to maintain a relatively stable pH. Additionally, soil in the vicinity of the treatment ponds at the Terra Bella facility have been measured to have pHs in the range of 8.6 to 8.7 (Trinity 2023), which is slightly alkaline. Contact with acidic process wastewater would not reduce the existing soils below neutral conditions. These factors indicate that leaching of charged ions or nutrients to groundwater from contact with wastewater are unlikely to alter groundwater chemistry or result in a degraded groundwater condition.

The project would allow the facility to discharge wastewater to the LAAs at pHs as low as 4.5. Ideal pH soil conditions for pistachio production range from 6.3 to 6.5. Within this range, pistachio crops are most efficient at absorbing nutrients and minerals from the soil. Site conditions in production fields at the Terra Bella Facility are in the range of 7.6 pH units, which, while a neutral pH, is slightly more alkaline than the ideal range for pistachio production. Thus, application of slightly acidic wastewater to the soil would be anticipated to benefit crop production by optimizing nutrient and mineral uptake (Trinity 2023). Therefore, the project-related effects of lower pH process wastewater on groundwater and groundwater quality would be less than significant.

Compliance with the Basin Plan

Salt and Nitrates

The Central Valley RWQCB adopted a salt and nitrate control program through Resolution R5-2018-0034. This resolution addresses both legacy and ongoing salt and nitrate accumulation issues and establishes a prioritized Program to Control and Permit Nitrate Discharges to Groundwater for discharges to groundwater and a phased Program to Control Salt Discharges to Surface Water and Groundwater throughout the Central Valley. The Central Valley RWQCB issued Notices to Comply to dischargers for the Salt Control Program in January 2021, after receiving approval from U.S. EPA for the portions of the program that are subject to EPA approval.

As described above, under 3.8.1, Regulatory Setting, salt and nitrate discharges to groundwater are controlled through permitting approaches under the Program to Control Salt Discharges to Surface Water and Groundwater and the Program to Control and Permit Nitrate Discharges to Groundwater. Compliance with each of these programs is required on a schedule identified by the Central Valley RWQCB and involves specific actions, monitoring, and deliverables to ensure that dischargers are meeting their obligations under the program, based on the permitting stream or pathway selected. The Terra Bella facility is within the Tule subbasin, which is a Priority 1 subbasin under the Nitrate Control Program. The Terra Bella facility complies with the Program to Control Salt Discharges to Surface Water and Groundwater through Option 2 and has completed the Permitting and Operation Fee Participation process (under CV-SALTS ID No. 2479). The Terra Bella facility is complying with the Program to Control and Permit Nitrate Discharges to Groundwater under Path B as an Industrial Facility Permittee, party to TBWQC. As a participating party to the TBWQC, the facility pays for a proportionate share of the costs of developing the Tule Subbasin Local Management Zone program and the annual operating costs on a cost share basis and cooperates with Tule Basin Water Foundation as the entity to submit a Preliminary Management Zone Proposal, including an Early Action Plan, to the Central Valley RWQCB that meets the requirements contained in the Basin Plan for the establishment of the Tule Subbasin Local Management Zone. The TBWQC timely submitted its Preliminary Management Zone Proposal and Early Action Plan on March 8, 2021. The Terra Bella facility would continue to comply with the adopted components of the Basin Plan that regulate salt and nitrate discharges and would therefore not conflict with this portion of the Basin Plan. In addition, the Tulare Lake Basin Plan designates uses of groundwater in the discharge vicinity as suitable or potentially suitable, at a minimum, for municipal and domestic water supply (MUN), agricultural supply (AGR), industrial service supply (IND), industrial process supply (PRO), and wildlife habitat (WILD). Because the proposed project would not degrade groundwater sources, there would be a less than significant impact in relation to compliance with the Basin Plan and meeting applicable water quality objectives, which protect the beneficial uses.

The increased quantity of pistachio process wastewater and expanded LAAs would not result in degradation of groundwater existing environmental conditions and would not conflict with the Basin Plan; therefore, this impact would be **less than significant**.

Mitigation Measures

No mitigation is required for this impact.

Impact 3.8-2: Groundwater Supply and Recharge

The project-related increase in water use would represent less than 0.3 percent of the water allocated to the Terra Bella Irrigation District from the Central Valley Project; groundwater is only used as a supplement to surface water rarely during infrastructure maintenance. Therefore, the project would not result in excessive pumping of groundwater. In addition, the project would not result in insufficient recharge from irrigation, but rather would increase LAAs with below-surface irrigation lines and increased discharge of process wastewater. Sustainable water management practices, including irrigation at agronomic rates, water conservation measures, and monitoring water levels, would be carried out. Therefore, the project impact on groundwater supply and recharge would be **less than significant**.

Terra Bella, like other Central Valley agricultural communities that utilize water from the Friant-Kern Canal system, relies primarily on surface water from the Central Valley Project. The Friant Division of the Central Valley Project provides water to the Terra Bella Irrigation District, which in turn provides water to the Terra Bella facility. The Terra Bella Irrigation District has a contract with the U.S. Bureau of Reclamation for 29,000 acre-feet of water from the Friant Division of the Central Valley Project. The project would require an additional 76.7 acre-feet (or 25 million gallons) of water per year to support harvest operations at the Terra Bella facility's maximum operational capacity. The total amount of water being requested from the Terra Bella Irrigation District to support the project represents less than 0.3 percent of its total water from the Central Valley Project. This water is entirely supplied by surface water from the Kern-Friant Canal. The Terra Bella Irrigation District only supplements with groundwater during periods of canal maintenance; therefore, a small fraction of groundwater would potentially be used to support the project relative to overall supply in the region. This quantity of groundwater use would not significantly affect groundwater supply, cause subsidence, or impact groundwater quality.

Additionally, the project would increase the discharge of process wastewater to irrigate 89 additional acres of LAAs, which would reduce the need for irrigation water from the Central Valley Project and would provide some limited recharge to the groundwater aquifer. The soil is permeable at the Terra Bella facility; therefore, a portion of the irrigation water percolates downward and results in recharge of the aquifer. The treated process wastewater at the Terra Bella facility is discharged through subsurface irrigation lines, which limits evapotranspiration and allows water to percolate downward more efficiently, which makes it more available for plant uptake, recharging the water table, and potentially reaching underground aquifers. Given that, aside from during periods of canal maintenance, the water supply for the Terra Bella facility is sourced from surface water, it is expected that groundwater infiltrating to ground from process wastewater applied to the LAAs would exceed that which is drawn down by the facility for use in pistachio processing.

In summary, the additional 76.7-acre feet of water use associated with the proposed project achieving operational capacity would represent less than 0.3 percent of the total water allocated from the Central Valley Project to the Terra Bella Irrigation District. and groundwater is only supplement is only used by the Terra Bella Irrigation District during limited periods of infrastructure maintenance. Therefore, the project would not result in excessive pumping of groundwater and groundwater recharge would be greater than groundwater drawdown due to the primary use of surface water and the discharge of treated process wastewater via subsurface irrigation in the LAAs. Therefore, the project would have a **less-than-significant** impact on groundwater supply and recharge.

Mitigation Measures

No mitigation is required for this impact.

4 CUMULATIVE IMPACTS

4.1 INTRODUCTION TO THE CUMULATIVE ANALYSIS

This draft environmental impact report (Draft EIR) provides an analysis of cumulative impacts of the proposed Setton Pistachio Treated Wastewater Land Application Expansion Project taken together with other past, present, and probable future projects producing related impacts, as required by Section 15130 of the California Environmental Quality Act Guidelines (State CEQA Guidelines). The goal of such an exercise is twofold: first, to determine whether the overall long-term impacts of all such projects would be cumulatively significant; and second, to determine whether the incremental contribution to any such cumulatively significant impacts by the project would be "cumulatively considerable" (and thus significant). (See State CEQA Guidelines Sections 15130[a]–[b], Section 15355[b], Section 15064[h], and Section 15065[c]; and Communities for a Better Environment v. California Resources Agency [2002] 103 Cal. App. 4th 98, 120.) In other words, the required analysis intends first to create a broad context in which to assess cumulative impacts, viewed on a geographic scale beyond the project site itself, and then to determine whether the project's incremental contribution to any significant cumulative impacts from all projects is itself significant (i.e., "cumulatively considerable").

Cumulative impacts are defined in State CEQA Guidelines Section 15355 as "two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts." A cumulative impact occurs from "the change in the environment which results from the incremental impact of the project when added to other closely related past, present, and reasonably foreseeable probable future projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period of time" (State CEQA Guidelines Section 15355[b]).

Consistent with State CEQA Guidelines Section 15130, the discussion of cumulative impacts in this Draft EIR focuses on significant and potentially significant cumulative impacts. Section 15130(b) of the State CEQA Guidelines provides, in part, the following:

> [t]he discussion of cumulative impacts shall reflect the severity of the impacts and their likelihood of occurrence, but the discussion need not provide as great detail as is provided for the effects attributable to the project alone. The discussion should be guided by the standards of practicality and reasonableness, and should focus on the cumulative impact to which the identified other projects contribute rather than the attributes of other projects which do not contribute to the cumulative impact.

A proposed project is considered to have a significant cumulative effect if:

- the cumulative effects of development without the project are not significant and the project's additional impact is substantial enough, when added to the cumulative effects, to result in a significant impact; or
- the cumulative effects of development without the project are already significant and the project contributes measurably to the effect.

The term "measurably" is subject to interpretation. The standards used herein to determine measurability are that the impact must be noticeable to a reasonable person, or must exceed an established threshold of significance (defined throughout the resource sections in Chapter 3 of this Draft EIR).

4.2 CUMULATIVE SETTING

4.2.1 Geographic Scope

The geographic area that could be affected by the project and is appropriate for a cumulative impact analysis varies depending on the environmental resource topic, as presented in Table 4-1.

Table 4-1 Geographic Scope of Cumulative Impacts

Resource Topic	Geographic Area
Air Quality	Regional (San Joaquin Valley Air Basin —pollutant emissions that have regional effects) Local (immediate project vicinity—pollutant emissions that are highly localized)
Archaeological, Historical, and Tribal Cultural Resources	Regional (San Joaquin Valley)
Biological Resources	Regional (San Joaquin Valley)
Energy	Regional (Southern California Edison energy grid and Tulare County)
Greenhouse Gas Emissions	Global
Hydrology and Water Quality	Regional (watershed and groundwater basin) and local (immediate project vicinity)

Source: Compiled by Ascent Environmental in 2023.

4.2.2 Cumulative Context

Table 4-2 lists past, present, and reasonably foreseeable probable future development projects in Tulare County that are within a 10-to-15-mile radius of the Terra Bella facility. This list is not intended to be an all-inclusive list of projects in the project vicinity but rather a list of projects recently constructed, approved, or under review in the vicinity of the project site that have some relation to the environmental impacts of constructing and operating the project. Note that there are no similar types of projects in the County; the only other projects within a 10-to-15-mile radius are two solar farms and a light industrial project.

Table 4-2 Cumulative Projects List

Project Name	Developed or Proposed Land Use	Location	Size	Status
Tulare County				
Rexford Solar Project	Solar Farm	South of Avenue 68, west of Road 272, north of Avenue 12, and east of Road 216. The majority of the site is bisected by and lies east of SR-65	Special Use Permit No. PSP 19-073 to construct and operate an up to 700 MW AC utility-scale solar farm and an up to 700 MW AC energy storage system (ESS) on 40 APNs totaling approximately 3,614 gross acres in the Exclusive Agricultural – 10 Acre Minimum (AE-10) and the Exclusive Agricultural – 40 Acre Minimum (AE-40) Zones.	Planning Commission approved on August 26, 2020 by Resolution Nos. 9762 and 9763
Rexford 2 Solar Farm Project	Solar Farm	West of SR 65 and generally located north of Avenue 56, east of Road 200, south of Avenue 75, and west of Road 224. The site is located near the unincorporated community of Ducor	Special Use Permit No. PSP 22-006 to allow a 500 MW-AC utility-scale solar farm with up to 500 MW-AC of energy storage capacity on six APNs encompassing approximately 1,200 acres of land in the AE-20 (Exclusive Agricultural – 20 Acre Minimum) Zone and the AE-40 (Exclusive Agricultural – 40 Acre Minimum) Zone.	Planning Commission approved on September 28, 2022 by Resolution Nos. 10008 and 10009
Rivers Industrial Park Project	Light Industrial Park	Southeast Corner of SR 65 and Avenue 124 (APN 302-124-003), approximately 4 miles south of the City of Porterville and 4 miles north of Terra Bella	Project to develop 3.8-acres of a 29.29-acre site into a 50,000 square foot (sf) light industrial park to accommodate eight tenants at 6,250 sf per tenant.	Board of Supervisors approved on August 30, 2022 by Resolution No. 2022-0738

Source: Data compiled by Ascent Environmental in 2023 based on data obtained from Tulare County.

4.3 ANALYSIS OF CUMULATIVE IMPACTS

The following sections contain a discussion of the cumulative effects anticipated from implementation of the project, together with related projects in the vicinity of Terra Bella, for each of the environmental issue areas evaluated in Chapter 3 of this Draft EIR. The analysis conforms with Section 15130(b) of the State CEQA Guidelines, which specifies that the "discussion of cumulative impacts shall reflect the severity of the impacts and their likelihood of occurrence, but the discussion need not provide as great detail as is provided for the effects attributable to the project alone. The discussion should be guided by the standards of practicality and reasonableness, and should focus on the cumulative impact to which the identified other projects contribute rather than the attributes of other projects which do not contribute to the cumulative impact."

When considered in relation to other reasonably foreseeable projects, cumulative impacts to some resources would be significant and more severe than those caused by the proposed project alone.

For purposes of this EIR, the project would result in a significant cumulative effect if:

- the cumulative effects of related projects (past, current, and probable future projects) are not significant and the incremental impact of implementing the project is substantial enough, when added to the cumulative effects of related projects, to result in a new cumulatively significant impact; or
- the cumulative effects of related projects (past, current, and probable future projects) are already significant and implementation of the project makes a considerable contribution to the effect. The standards used herein to determine a considerable contribution are that either the impact must be substantial or must exceed an established threshold of significance.

This cumulative analysis assumes that all mitigation measures identified in Chapter 3 to mitigate project impacts are adopted and implemented. The analysis herein analyzes whether, after implementation of project-specific mitigation and performance criteria that minimize environmental effects, the residual impacts of the project would cause a cumulatively significant impact or would contribute considerably to existing/anticipated (without the project) cumulatively significant effects. If the project contributes, additional mitigation is recommended where feasible and necessary.

4.3.1 Air Quality

CRITERIA AIR POLLUTANTS

Construction-related activities of the project would result in emissions of criteria air pollutants (e.g., particulate matter [PM_{10} and $PM_{2.5}$]) and ozone precursors (e.g., oxides of reactive organic gases [ROG] and nitrogen [NO_X]). The project site is located in Tulare County, which is located within the San Joaquin Valley Air Basin (SJVAB). The San Joaquin Valley Air Pollution Control District (SJVAPCD) is the primary agency responsible for meeting the National Ambient Air Quality Standard (NAAQS) and the California Ambient Air Quality Standard (CAAQS) in the SJVAB. Tulare County is currently in nonattainment for ozone and fine particulate matter ($PM_{2.5}$) in regard to the NAAQS, while ozone, respirable particulate matter (PM_{10}) and $PM_{2.5}$ are classified as being in nonattainment in regard to the CAAQS.

Ozone concentrations result from the cumulative emissions from numerous sources in the region and transport from outside the region. Ozone is formed in chemical reactions involving ROG, NO_X, and sunlight. All but the largest individual sources emit ROG and NO_X in amounts too small to have a measurable effect on ambient ozone concentrations by themselves.

Air districts in California develop air quality attainment plans, which include a multitude of air pollution control strategies to attain the federal ozone standard by the earliest practicable date. In developing air quality attainment plans, air districts account for the emissions from all present and future development in the region by relying on city and county general plans. Because the project would be consistent with existing uses and with the land use designations in the applicable general plans, emissions associated with implementation of the project are accounted for in the SJVAPCD's air quality attainment plan (see Section 3.3, "Air Quality," for a detailed discussion of SJVAPCD's

air quality attainment plans, as well as the applicable local general plans). In addition, as described in Impact 3.3-1, estimated emissions of ozone precursors associated with project construction-related activities would not exceed the SJVAPCD-recommended daily mass emission thresholds of significance. Project operation (see Impact 3.3-2) would not involve ground-disturbing activities, would not increase operational-related emissions beyond the previously authorized operations for Terra Bella facility's authorized capacity, and would not generate substantial new vehicle trips (approximately 5 trips per day). Therefore, the project would not produce operational-related emissions that could contribute to a violation of an air quality standard. Because construction- and operation-related emissions would not result in a violation of an ambient air quality standard, the project **would not result in a considerable contribution to a cumulative impact related to emissions of criteria air pollutants**.

TOXIC AIR CONTAMINANTS

The primary toxic air contaminant (TAC) of concern within this analysis is diesel PM which would result from heavy-duty equipment usage during construction as well as hauling trips during operations. While some overlap may occur between construction of the project and other nearby projects, it is unlikely that a considerable cumulative impact would occur due to the highly dispersive properties of diesel PM paired with the small number of construction equipment used and the relatively short construction period (one month). Additionally, the California Air Resources Board has adopted diesel control measures and more stringent emissions standards for transportation-related mobile sources, which include off-road equipment commonly used in construction-related activities such as tractors and generators. Going forward, it can be reasonably assumed that nearby projects would similarly use construction-related equipment held to higher emissions standards, further reducing the potential for a cumulative impact of diesel PM in the region.

As discussed under Impact 3.3-4, and reiterated here, the project would not result in significant health risks associated with TACs because it would not expose any single receptor to a level of cancer risk that exceeds an incremental increase of 20 in one million, or to a noncarcinogenic hazard index of 1. Furthermore, the cancer and non-cancer risk is calculated using site specific meteorological and topographical conditions, which would differ along the alignment of the proposed pipeline, therefore affecting the dispersion of TACs. Given the distances to cumulative projects, there is no reasonable possibility that TACs from the proposed project and cumulative projects would comingle. For these reasons, the increases in health risk attributable to the project **would not result in a considerable contribution to a significant cumulative impact related to TACs**.

ODORS

Existing odor sources at the Terra Bella facility are the process wastewater generated during the pistachio hulling and citrus packing processes. As stated in Section 3.3 "Air Quality", and reiterated here, impacts related to project-generated odors would be less than significant with mitigation. As shown in Table 4-2 above, the nearest cumulative projects to the project site are two solar farms and a light industrial land use. Construction of these land uses may result in limited localized odors from the use of diesel equipment, however, construction-related odors do not typically occur for long periods of time and disperse quickly. Operation of land uses such as solar farms and light industrial land uses are not typically associated with the generation of nuisance odors or significant numbers of odor complaints. Because these land uses are not likely to produce objectionable odors during construction- or operation-related activities that would affect a substantial number of people, and are distant enough from the project site that, if odors would occur, they would affect different people than those in the project vicinity, there is no reasonable possibility that the odors from the project site would combine with any cumulative projects. Therefore, the project would **not result in a considerable contribution to a significant cumulative impact related to odors**.

4.3.2 Archaeological, Historical, and Tribal Cultural Resources

The historic lands of the Southern Valley Yokuts have been affected by development since Spanish explorer Gabriel Moraga crossed Southern Valley Yokut territory in 1808. The discovery of gold at Sutter's Mill in Coloma in 1848 was the catalyst that caused a dramatic alteration of Native American cultural patterns as a flood of Euro-Americans entered the region. In 1854, gold was discovered, which brought a tremendous influx of miners into Tulare County. When the Gold Rush was over, many of the miners settled in the Central Valley communities and established farms, ranches, and lumber mills. These activities have resulted in an existing significant adverse effect on archaeological resources and human remains.

Impacts to a subsurface archaeological or tribal cultural resource at one project site are generally not made worse by impacts from another project to a cultural resource at another site. Rather, the resources and the effects upon them are generally independent. However, some archaeological resources or tribal cultural resources could have regional importance, and individual impacts to these resources could collectively result in greater, more adverse impacts. Because all significant cultural resources are unique and nonrenewable members of finite classes, meaning there are a limited number of significant cultural resources, all adverse effects erode a dwindling resource base.

No known unique archaeological or tribal cultural resources are located within the boundaries of the project site; nonetheless, project-related earth-disturbing activities could damage undiscovered resources. Implementation of Mitigation Measures 3.5-1 (as shown in Section 3.5 "Cultural Resources") would reduce the project's contribution to a less-than-significant level by requiring construction to halt if potential archaeological resources are discovered, coordination with Native American groups (if applicable), implementation of preservation options (including data recovery, mapping, capping, or avoidance), and proper curation if significant artifacts are recovered.

Therefore, the proposed project would not result in a considerable contribution to a significant cumulative impact related to archaeological or tribal cultural resources. Cumulative archaeological and tribal cultural resource impacts would be **less than significant**.

4.3.3 Biological Resources

Past development in the San Joaquin Valley, ranging from conversion of land to agricultural production more than a hundred years ago to recent expansion of urban development, has resulted in a substantial loss of native habitat to other uses. This land conversion has benefited a few species, such as those adapted to agricultural uses, but the overall effect on native plants, animals, and habitat has been adverse. Although most future projects proposed in the region would be required to mitigate significant impacts on terrestrial biological resources, in compliance with CEQA, the federal Endangered Species Act (ESA), the California Endangered Species Act (CESA), and other state, local, and federal statutes, many types of common habitats and species are provided no protection. Therefore, it can be expected that the net loss of native habitat for plants and wildlife, agricultural lands, and open space areas that support important terrestrial biological resources in the San Joaquin Valley will continue. Thus, cumulative conditions related to biological resources in the region would be significant.

As analyzed and described in Section 3.4 "Biological Resources," and reiterated here, implementation of the project could result in significant impacts to western burrowing owl, Swainson's hawk, other nesting birds, and San Joaquin kit fox. Mitigation measures include provisions to reduce, avoid, and/or compensate for impacts in accordance with the requirements of ESA and CESA and other regulatory programs that protect wildlife species and their habitats, and in compliance with Tulare County General Plan policies for resource protection. Through full implementation of the mitigation measures, potential project-related impacts would be avoided, reduced, or compensated to such an extent that they are not expected to result in a considerable contribution to a cumulative impact. The project would not result in a permanent loss or conversion of habitat. Therefore, the project would not have a considerable contribution to any significant cumulative impact related to biological resources. In addition, the project would not result in a new cumulatively significant impact related to biological resources. Cumulative biological resource impacts would be **less than significant**.

4.3.4 Energy

The geographic area considered for cumulative impacts related to energy use includes the Southern California Edison and Southern California Gas service area.

Other currently planned and approved projects identified in Table 4-2, such as the light industrial park, would also receive electricity and natural gas service from Southern California Edison and Southern California Gas, respectively. These projects would also consume energy related to transportation and construction-related activities. There is no evidence to suggest that implementation of cumulative development would result in wasteful or inefficient use of energy and the cumulative energy impact would be less than significant.

As described above in Impact 3.6-1 of Section 3.6 "Energy", according to Appendix F of the State CEQA Guidelines, the means to achieve the goal of conserving energy include decreasing overall per capita energy consumption, decreasing reliance on natural gas and oil, and increasing reliance on renewable energy sources. The discussion at Impact 3.6-1 concludes that the project would not result in wasteful or inefficient use of transportation-related fuel consumption because implementation of the project would result in only a small increase in haul truck trips per day (i.e., average of 5 additional trips per day, with a maximum of 19 daily trips during harvest season). Because the project would not result in wasteful or inefficient use of energy and not contribute to a significant cumulative impact, the project would not result in a substantial contribution to a significant cumulative impact. This impact would be **less than significant**.

4.3.5 Greenhouse Gas Emissions

Climate change is a global problem; thus, GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants, which are pollutants of regional and local concern. The quantity of GHGs in the atmosphere responsible for climate change is not precisely known, but it is substantial. No single project alone would measurably contribute to an incremental change in the global average temperature or to global or local climates or microclimates. From the standpoint of the California Environmental Quality Act (CEQA), GHG impacts relative to global climate change are inherently cumulative.

Because global climate change is inherently cumulative; impacts associated with project discussed above also serve as the proposed project's cumulative impact. As reported in Section 3.7,"Greenhouse Gas Emissions," construction-related activities of the project would result in 6 metric tons of carbon dioxide equivalent ($MTCO_2e$) over the month-long construction-related activities period. Operation of the project would result in 788 $MTCO_2e$ per year. These emissions would be below the applicable thresholds of 1,100 $MTCO_2e$ per year for construction and 10,000 $MTCO_2e$ per year for operations that were applied to the project. Therefore, the proposed project **would not result in a considerable contribution to a significant cumulative impact** related to GHG emissions and global climate change.

4.3.6 Hydrology and Water Quality

As discussed in Section 3.8, "Hydrology and Water Quality," elevated salinity and nitrates in surface water and groundwater are problems affecting much of California. As surface and groundwater supplies become scarcer due to climatic conditions and overuse, and as wastewater streams become more concentrated, salinity and nitrate impairments are occurring with greater frequency and magnitude in areas across the state. The Tulare Lake Basin, where the Terra Bella facility is located, is a closed surface water basin with no reliable outlet for the discharge of salts and nitrates; therefore, the majority of salt and nitrate that enters the basin—including from imported water from projects such as the Central Valley Project—is collecting in the basin and ultimately migrating into groundwater. A 2019 California Water Research Report noted that 89 percent of Tulare County soils range from moderate to extreme salinity. The Central Valley-Salinity Alternatives for Long Term Sustainability (CV-SALTS) progress report projects that salinization in the Central Valley will continue to increase based on existing conditions and water use. Thus, based on these existing conditions and the projected trend, there is an existing adverse cumulative condition with respect to salt and nitrate loading in the region.

The Central Valley Regional Water Quality Control Board (RWQCB) has taken steps to address the legacy and ongoing salt and nitrate accumulation issues that have led and are expected to continue to affect this cumulative condition, and to this end has established the CV-SALTS cooperative to inform the Central Valley RWQCB planning process with respect to salt and nitrate issues. CV-SALTS helps inform the regulatory salt and nitrate programs initiated by the Central Valley RWQCB (the Nitrate Control Program for Discharges to Groundwater and the Salt Control Program for Discharges to Surface water and Groundwater) by preparing technical studies and policy recommendations to ultimately reduce the amount of nitrate and salts in groundwater in the Central Valley.

As discussed in Impact 3.8-1, regionally, salt and nitrate discharges to groundwater are controlled through permitting approaches under the nitrate and salt control programs. Compliance with these programs is required on a schedule identified by the Central Valley RWQCB and involves specific actions, monitoring, and deliverables to ensure that dischargers are meeting their obligations under the program, based on the permitting stream or pathway selected. The Terra Bella facility is within the Tule subbasin, which is a Priority 1 subbasin. The Terra Bella facility complies with the Program to Control Salt Discharges to Surface Water and Groundwater through Option 2 and has completed the Permitting and Operation Fee Participation process (under CV-SALTS ID No. 2479). To comply with the Program to Control and Permit Nitrate Discharges to Groundwater, the Terra Bella facility has taken Pathway B as an Industrial Facility Permittee, party to the Tule Basin Water Quality Coalition (TBWQC). As a participating party to the TBWQC, the facility pays for a proportionate share of the costs of developing the Tule Subbasin Local Management Zone program and the annual operating costs on a cost share basis and cooperates with Tule Basin Water Foundation as the entity to submit a Preliminary Management Zone Proposal, including an Early Action Plan, to the Central Valley RWQCB that meets the requirements contained in the Basin Plan for the establishment of the Tule Subbasin Local Management Zone. The Terra Bella facility would continue to comply with the adopted components of the Basin Plan that regulate salt and nitrate discharges with implementation of the project. By participating in the Central Valley salt and nitrate control programs, the proposed project would not result in a considerable contribution to this significant cumulative impact.

As discussed in Section 3.8, "Hydrology and Water Quality," Setton's existing process wastewater best management practices would remain in place at the Terra Bella facility and are effective in protecting the quality of discharged process wastewater. The depth to groundwater, agronomic application rate of the treated wastewater, and the nutrient uptake of the pistachios and cover crop effectively prevent the potential for the project to contribute to adverse impacts on groundwater from process wastewater discharge. Furthermore, groundwater levels and recharge would not be adversely affected by the application of additional wastewater to the LAAs because most water used by the Terra Bella facility is imported surface water from the Central Valley Project, which is then discharged to ground, creating a potential net positive groundwater balance. Therefore, the project would not result in a considerable contribution to adverse groundwater quality or groundwater recharge, nor would the project result in a new cumulatively significant impact. Cumulative hydrology and water quality impacts would be **less than significant**.

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5 ALTERNATIVES

5.1 INTRODUCTION

The California Code of Regulations (CCR) Section 15126.6(a) (State CEQA Guidelines) requires EIRs to describe "… a range of reasonable alternatives to the project, or to the location of the project, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and evaluate the comparative merits of the alternatives. An EIR need not consider every conceivable alternative to a project. Rather, it must consider a range of potentially feasible alternatives that will avoid or substantially lessen the significant adverse impacts of a project, and foster informed decision making and public participation. An EIR is not required to consider alternatives that are infeasible. The lead agency is responsible for selecting a range of project alternatives for examination and must publicly disclose its reasoning for selecting those alternatives. There is no ironclad rule governing the nature or scope of the alternatives to be discussed other than the rule of reason." This section of the State CEQA Guidelines also provides guidance regarding what the alternatives analysis should consider. Subsection (b) further states the purpose of the alternatives analysis is as follows:

> Because an EIR must identify ways to mitigate or avoid the significant effects that a project may have on the environment (Public Resources Code [PRC] Section 21002.1), the discussion of alternatives shall focus on alternatives to the project or its location which are capable of avoiding or substantially lessening any significant effects of the project, even if these alternatives would impede to some degree the attainment of the project objectives, or would be more costly.

The State CEQA Guidelines require that the EIR include sufficient information about each alternative to allow meaningful evaluation, analysis, and comparison with the proposed project. If an alternative would cause one or more significant effects in addition to those that would be caused by the project as proposed, the significant effects of the alternative must be discussed, but in less detail than the significant effects of the project as proposed (CCR Section 15126.6[d]).

The State CEQA Guidelines further require that the "no project" alternative be considered (CCR Section 15126.6[e]). The purpose of describing and analyzing a no project alternative is to allow decision makers to compare the impacts of approving a proposed project with the impacts of not approving the proposed project. If the no project alternative is the environmentally superior alternative, CEQA requires that the EIR "…shall also identify an environmentally superior alternative among the other alternatives." (CCR Section 15126[e][2]).

In defining "feasibility" (e.g., "… feasibly attain most of the basic objectives of the project …"), CCR Section 15126.6(f) (1) states, in part:

> Among the factors that may be taken into account when addressing the feasibility of alternatives are site suitability, economic viability, availability of infrastructure, general plan consistency, other plans or regulatory limitations, jurisdictional boundaries (projects with a regionally significant impact should consider the regional context), and whether the proponent can reasonably acquire, control or otherwise have access to the alternative site (or the site is already owned by the proponent). No one of these factors establishes a fixed limit on the scope of reasonable alternatives.

In determining what alternatives should be considered in the EIR, it is important to consider the objectives of the project, the project's significant effects, and unique project considerations. These factors are crucial to the development of alternatives that meet the criteria specified in Section 15126.6(a). Although, as noted above, EIRs must contain a discussion of "potentially feasible" alternatives, the ultimate determination as to whether an alternative is feasible or infeasible is made by the lead agency (Tulare County) (See PRC Sections 21081.5, 21081[a] [3]).

5.2 CONSIDERATIONS FOR SELECTION OF ALTERNATIVES

5.2.1 Attainment of Project Objectives

The project has been designed to meet the following objectives:

- allow the Setton Terra Bella Pistachio facility to fully utilize its current design capacity;
- expand wastewater treatment disposal capacity;
- protect beneficial uses of water;[1]
- prevent nuisance conditions (odors); and
- comply with the waste discharge requirement issued by the Central Valley Regional Water Quality Control Board.

5.2.2 Environmental Impacts of the Project

Potentially feasible alternatives are developed with the CEQA guidance to avoid or lessen the significant, and potentially significant, adverse impacts of a project. However, this can create a dilemma when the impacts of a project can all be reduced to a less-than-significant level through mitigation. How does one develop an alternative when there are no impacts to avoid?

The evaluation of environmental impacts due to the project presented in Sections 3.3 through 3.8 of this Draft EIR provides evidence that the project would not result in any significant impacts after implementation of required mitigation measures. The applicant has agreed to implement all mitigation measures in this EIR, if the project is approved. Specifically, the only impacts that require mitigation are the potential impact to special-status wildlife species and habitat due to temporary construction-related disturbance, the potential impact to subsurface archaeological or tribal cultural resources due to ground disturbance, and the potential for odors due to additional process wastewater. Feasible mitigation is imposed and will be implemented for each of these impacts; therefore, the project would not result in any significant or significant and unavoidable impacts.

5.3 ALTERNATIVES CONSIDERED BUT NOT EVALUATED FURTHER

As described above, State CEQA Guidelines Section 15126.6(c) provides that the range of potential alternatives for the project shall include those that could feasibly accomplish most of the basic objectives of the project, and could avoid or substantially lessen one or more of the significant effects. Alternatives that fail to meet the fundamental project purpose need not be addressed in detail in an EIR (*In re Bay-Delta Programmatic Environmental Impact Report Coordinated Proceedings* (2008) 43 Cal.4th 1143, 1165-1167).

In determining what alternatives should be considered in the EIR, it is important to acknowledge the objectives of the project, the project's significant effects, and unique project considerations. These factors are crucial to the development of alternatives that meet the criteria specified in Section 15126.6(a). Although, as noted above, EIRs must contain a discussion of "potentially feasible" alternatives, the ultimate determination as to whether an alternative is feasible or infeasible is made by lead agency decision-maker(s). (See Pub. Resources Code, Section 21081(a)(3).) At the time of action on the project, the decision-maker(s) may consider evidence beyond that found in this EIR in addressing such determinations. The decision-maker(s), for example, may conclude that a particular alternative is infeasible (i.e., undesirable) from a policy standpoint, and may reject an alternative on that basis provided that the decision-maker(s) adopts a finding, supported by substantial evidence, to that effect, and provided that such a finding reflects a reasonable balancing of the relevant economic, environmental, social, and other considerations

[1] The Tulare Lake Basin Plan designates beneficial uses of groundwater in vicinity of the Terra Bella facility as suitable or potentially suitable, at a minimum, for municipal and domestic water supply (MUN), agricultural supply (AGR), industrial service supply (IND), industrial process supply (PRO), and wildlife habitat (WILD).

supported by substantial evidence (*City of Del Mar v. City of San Diego* (1982) 133 Cal.App.3d 401, 417; *California Native Plant Society v. City of Santa Cruz* (2009) 177 Cal.App.4th 957, 998).

The EIR should also identify any alternatives that were considered by the lead agency, but were rejected during the planning or scoping process and briefly explain the reasons underlying the lead agency's determination.

The following alternatives were considered but were not evaluated further in this Draft EIR.

Wastewater Detention Storage Pond Alternative. This alternative assumes that, similar to the proposed project, the wastewater discharge limit for the Terra Bella facility would increase to support processing up to 122 million pounds of pistachios per year - the facility's allowed design capacity. However, under this alternative, there would be no additional LAAs. Rather, the increase in treated process wastewater would be stored in wastewater detention ponds until it could be discharged to the existing LAAs. This alternative has been removed from further consideration due to the likelihood of increased odors, as explained herein.

A 350 acre-foot acre wastewater detention pond was installed for the 2018 hulling season that resulted in a distinct increase in odor complaints. In 2019, in relation to an Authority To Construct permit for expansion of the Terra Bella facility hulling operation, the San Joaquin Valley Air District (Air District) cited concerns about the generation of additional wastewater that could worsen odors from the detention pond. Setton subsequently decided to no longer hold any pistachio process wastewater in the 350 acre-foot pond. Based on this experience, utilizing wastewater detention ponds to address the increase in pistachio process wastewater is not considered feasible as there is evidence that it would increase odors, which are an environmental impact and a key community concern. This alternative would not achieve the project objective to prevent nuisance conditions. Due to the potential for this alternative to increase a key environmental impact of the project and to result in air permit concerns for the facility, this alternative is not evaluated further.

Satellite Facility Alternative. Setton Pistachio operates a satellite facility, the peaker facility (Brooklyn, S-6704) located at 19103 Ave 80, Terra Bella, approximately 7 miles southwest of the main Terra Bella facility. Setton considered utilizing the 20-acre satellite facility to a greater degree during the pistachio harvest. However, there is no processing plant at the satellite facility. This alternative would allow for the storage of pistachios at the satellite facility; however, to achieve the project objective for Setton to utilize its design capacity, the pistachios would need to be transported (using trucks) to the Terra Bella facility for processing, which would increase truck trips. Although this type of goods movement is exempt from VMT, this alternative would increase transportation-related criteria air pollutants and ozone precursors that could potentially exceed SJVAPCD's annual mass emissions thresholds of significance or daily screening criteria and greenhouse gas emissions lin comparison to the proposed project. In addition, in terms of the process wastewater, there would not be enough land to discharge, as the lands around the satellite facility are not owned by Setton and not available for purchase. Therefore, this alternative was removed from further consideration because it would not be feasible due to the lack of available land for wastewater discharge, it would not meet the project objectives, and it would increase environmental impacts to air quality, greenhouse gas emissions, and energy resources.

5.4 ALTERNATIVES SELECTED FOR DETAILED ANALYSIS

The only alternative evaluated in this Draft EIR is the No Project Alternative. Although it is acknowledged that with the No Project Alternative, there would be no discretionary action, and thus no impact, for purposes of comparison, conclusions for each technical area are characterized as "impacts" that are greater, similar, or less, to describe conditions that are worse than, similar to, or better than those of the proposed project.

The proposed project is designed to prevent nuisance odors from the process wastewater. There are limited solutions to address potential process wastewater odors; no other feasible alternatives were identified that could achieve the project objectives. The proposed project would not result in significant impacts that would be avoided by an alternative. Therefore, no other alternatives are evaluated.

5.4.1 Alternative 1: No Project Alternative

Under Alternative 1, the No Project Alternative, Setton would not add LAAs and would not expand the wastewater disposal capacity for the Terra Bella facility. Therefore, the Setton Terra Bella Pistachio Facility would continue its existing operations; it would not fully utilize its design capacity. The project site would remain in its current condition; no pipelines or irrigation lines would be installed, no encroachment permits would be necessary, and there would be no increase in pistachio processing operations, including no change in vehicular trips. It is assumed that the facility would continue to process an average of approximately 101,411,000 pounds of pistachios a year.

Alternative 1 would not meet the project objectives. Alternative 1 would not allow the facility to utilize its current design capacity to process up to 122 million pounds of pistachios per year because it would not expand wastewater treatment disposal capacity. However, the Setton Terra Bella Pistachio Facility would continue to, as noted earlier, protect beneficial uses of water, prevent nuisance conditions, and comply with the waste discharge requirements issued by the Central Valley Regional Water Quality Control Board.

AIR QUALITY

As described in Section 3.3, Air Quality, the project, being an existing industrial source, would not result in substantial population growth, a major factor in the development of air quality emissions reduction goals and strategies. Additionally, the project would not exceed SJVAPCD thresholds of significance for criteria air pollutants and would therefore not conflict or obstruct the SJVAPCD air quality plan (Impact 3.3-1). The project would not generate construction- or operational-related emissions of criteria air pollutants and ozone precursors exceeding SJVAPCD's annual mass emissions thresholds of significance or daily screening criteria (Impacts 3.3-2 and 3.3-3). The project would not result in a substantial increase of toxic air contaminant emissions and would not contribute to localized concentrations of mobile-source CO that would exceed an applicable ambient air quality standard (Impacts 3.3-4 and 3.3-5). Furthermore, the project would be subject to the existing Odor Control Plan and the project would not involve the construction- or operation-related activities of any major odor sources (Impact 3.3-6). For these reasons, project impacts related to air quality would be less than significant.

Under the No Project Alternative, there would be no temporary construction-related disturbance, no change in process water discharge, no change facility operations, and no change in vehicular trips; therefore, this alternative would not generate construction- or operation-related air emissions. Furthermore, because Alternative 1 would not increase solids off-haul, process wastewater discharge, or associated potential odors. Although the project-related air quality impacts would be less than significant, the No Project Alternative would have no change in air emissions and would therefore result in less air quality impacts than the proposed project. (Less)

ARCHAEOLOGICAL, HISTORICAL, AND TRIBAL CULTURAL RESOURCES

As described in Section 3.4, no historic resources were identified on the project site and the project would have no impacts related to historic built environment resources. In addition, project impacts related to unique archaeological resources and tribal cultural resources would be reduced to less than significant with the implementation of mitigation (Impact 3.4-1 and Impact 3.4-2, respectively) and impacts related to human remains would be avoided, minimized, and appropriately treated if any remains are discovered through compliance with California Health and Safety Code Section 7050.5 and California Public Resources Code Section 5097 (Impact 3.4-3).

The No Project Alternative would not involve any construction-related activities, thereby avoiding impacts related to the disturbance, destruction, or alteration of any known or as-yet-undiscovered/unrecorded pre-historic or historic archeological resources or human remains. In comparison, implementation of the project would result in ground disturbing activities that could cause potentially significant impacts related to disturbance of undiscovered/ unrecorded subsurface cultural resources. However, the project impact to archaeological resources would be reduced to less-than-significant levels with implementation of mitigation measures as identified earlier. Because the No Project Alternative would not include any ground disturbance, it has no potential to result in the disturbance of as-yet

undiscovered subsurface cultural or tribal cultural resources. Therefore, the cultural and tribal cultural resource impacts under the No Project Alternative would be less than the proposed project. (Less)

BIOLOGICAL RESOURCES

As described in Section 3.5, Biological Resources, the project would have no impact related to special-status plant species, federally protected wetlands, riparian or other sensitive natural communities, wildlife corridors, or conflicts with local policies and the project impact on special-status wildlife and habitat would be reduced to less than significant with the implementation of mitigation measures (Impact 3.5-1).

The No Project Alternative would not involve any construction activities and would not disturb any existing on-site biological resources. Although the project-related impacts special-status wildlife and habitat would be reduced to less than significant through required mitigation measures, the No Project Alternative would avoid these impacts and would therefore result in less biological resource impacts than the proposed project. (Less)

ENERGY

As described in Section 3.6, Energy, the project would result in the consumption of energy during construction- and operations-related activities. Temporary construction of the project would result in the consumption of energy; however, construction activities would be temporary and would not increase long-term energy or fuel demand. Operation of the project would increase transportation energy consumption (gasoline and diesel fuels) due to the increased off-haul of hull bio-matter; however, the increase in fuel consumption would be minor. Because only the necessary amount of energy would be used to complete the project, and because the expenditure of energy would aid in reducing odor impacts through the expansion of LAAs, the use of energy during construction and operation of the project would not be considered wasteful, inefficient, or unnecessary. Furthermore, the project would utilize existing on-site renewable energy to meet its electricity needs and natural gas usage included in the project has been approved by the SJVAPCD and is thus deemed necessary to the function of the facility. Therefore, project-related energy use would not be considered wasteful, inefficient, or unnecessary (Impact 3.6-1). In addition, the project's natural gas consumption is consistent with the GHG reduction expectations of the 2022 Scoping Plan (Impact 3.6-2).

The No Project Alternative would not involve any construction- or operational-related changes at the Terra Bella facility and therefore would result in no change in energy demand. Although the project would not result in a wasteful or inefficient use of energy or obstruct energy efficiency plans, the No Project Alternative would avoid any change in energy use and would therefore result in less energy impacts than the proposed project. (Less)

GREENHOUSE GAS EMISSIONS

As described in Section 3.7, Greenhouse Gas Emissions, project-related construction and operational GHGs would be less than adopted thresholds, and long-term operational GHG emissions would demonstrate substantial progress towards carbon neutrality. Also, the project would not generate GHG emissions, either directly or indirectly, that would have a significant impact on the environment and the project would be considered consistent with the 2022 Scoping Plan. This impact would be less than significant (Impact 3.7-1 and Impact 3.7-2).

The No Project Alternative would not involve any construction- or operational-related changes at the Terra Bella facility and therefore would result in no change in energy demand or vehicular trips. The No Project Alternative would not result in any change in GHG emissions. Although the project would result in less-than-significant GHG impacts, the No Project Alternative would avoid any change in GHGs and would therefore result in less impact than the proposed project. (Less)

HYDROLOGY AND WATER QUALITY

As described in Section 3.8, Hydrology and Water Quality, the project would not result in increased risks related to a flood hazard, tsunami, or seiche zone, increased stormwater runoff, potential for downstream flooding, nor the release of pollutants due to inundation. The project impacts related to water quality standards or waste discharge requirements and groundwater supplies and recharge would be less than significant (Impacts 3.8-1 and 3.8-2).

The No Project Alternative would not involve any construction-related activities, thereby avoiding temporary construction-related impacts related to water quality. Although the project would include control measures to be protective of water quality, the No Project Alternative would not include ground disturbance and would not increase operations or discharge of process wastewater to LAA. Therefore, the No Project Alternative would avoid the project-related impacts to water quality and groundwater and would result in less hydrology and water quality impacts than the proposed project. (Less)

5.5 ENVIRONMENTALLY SUPERIOR ALTERNATIVE

Because the No Project–No Development Alternative (described above in Section 5.4.1) would avoid all adverse impacts resulting from construction and operation of the project analyzed in Chapter 3, it is the environmentally superior alternative. However, the No Project Alternative would not meet the objectives the project as presented above in Section 5.2.

When the environmentally superior alternative is the No Project Alternative, the State CEQA Guidelines (Section 15126[d][2]) require selection of an environmentally superior alternative from among the other action alternatives evaluated. As stated above and shown in Table 5-1, below, no feasible alternatives were identified that could achieve the project objectives and the proposed project would not result in significant impacts that would be avoided by an alternative. Therefore, the proposed project would be the environmentally superior action alternative.

Table 5-1 Summary of Environmental Effects of the Alternatives Relative to the Proposed Project

Environmental Topic	Proposed Project	Alternative 1: No Project Alternative
Air Quality	LTS with Mitigation	Less
Archaeological, Historical, and Tribal Cultural Resources	LTS with Mitigation	Less
Biological Resources	LTS with Mitigation	Less
Energy	LTS	Less
Greenhouse Gas Emissions	LTS	Less
Hydrology and Water Quality	LTS	Less

6 OTHER CEQA SECTIONS

6.1 GROWTH INDUCEMENT

CEQA Section 21100(b)(5) specifies that the growth-inducing impacts of a project must be addressed in an environmental impact report (EIR). Section 15126.2(d) of the State CEQA Guidelines provides the following guidance for assessing growth-inducing impacts of a project:

> Discuss the ways in which the proposed project could foster economic or population growth, or the construction of additional housing, either directly or indirectly, in the surrounding environment. Included in this are projects which would remove obstacles to population growth (a major expansion of a wastewater treatment plant might, for example, allow for more construction in service areas). Increases in the population may tax existing community service facilities, requiring construction of new facilities that could cause significant environmental effects. Also, discuss the characteristics of some projects which may encourage and facilitate other activities that could significantly affect the environment, either individually or cumulatively. It must not be assumed that growth in any area is necessarily beneficial, detrimental, or of little significance to the environment.

A project can induce growth directly, indirectly, or both. Direct growth inducement would result if a project involved construction of new housing. Indirect growth inducement would result, for instance, if implementing a project resulted in any of the following:

- substantial new permanent employment opportunities (e.g., commercial, industrial, or governmental enterprises);
- substantial short-term employment opportunities (e.g., construction employment) that indirectly stimulates the need for additional housing and services to support the new temporary employment demand; and/or
- removal of an obstacle to additional growth and development, such as removing a constraint on a required public utility or service (e.g., construction of a major sewer line with excess capacity through an undeveloped area).

Growth inducement itself is not an environmental effect but may foreseeably lead to environmental effects. If substantial growth inducement occurs, it can result in secondary environmental effects, such as increased demand for housing, demand for other community and public services and infrastructure capacity, increased traffic and noise, degradation of air or water quality, degradation or loss of plant or animal habitats, conversion of agricultural and open-space land to urban uses, and other effects.

6.1.1 Growth-Inducing Impacts of the Project

The Setton Terra Bella Pistachio Facility is an existing agricultural operation. The proposed addition of LAAs, which are owned by Setton and in agricultural use and would remain in agricultural use, would allow for increased treated process wastewater thereby allowing the facility to process pistachios up to its current design capacity. This would increase the amount of pistachios processed by Setton, which would be accomplished by extending the processing season, but it would not involve additional employees during construction- or operation-related activities, would not change any land uses, would not affect any housing, and would not expand public services or utilities. Therefore, the project is not growth inducing.

6.2 SIGNIFICANT AND UNAVOIDABLE ADVERSE IMPACTS

The State CEQA Guidelines Section 15126.2(b) requires EIRs to include a discussion of the significant environmental effects that cannot be avoided if the proposed project is implemented. The evaluation of environmental impacts due to the project presented in Sections 3.3 through 3.8 and Chapter 4, "Cumulative Impacts," of this Draft EIR provides evidence that the project would not result in any significant impacts after implementation of required mitigation measures. The applicant has agreed to implement all mitigation measures in this EIR, if the project is approved. Specifically, the only impacts that require mitigation are the potential impact to special-status wildlife species and habitat due to temporary construction-related disturbance, the potential impact to cultural or tribal cultural resources due to ground disturbance, and the potential for odors due to additional process wastewater. Feasible mitigation is imposed for each of these impacts; therefore, the project would not result in any significant or significant and unavoidable impacts.

6.3 SIGNIFICANT AND IRREVERSIBLE ENVIRONMENTAL CHANGES

The State CEQA Guidelines requires a discussion of any significant irreversible environmental changes that would be caused by the project. Specifically, the State CEQA Guidelines section 15126.2(c) states:

> Uses of nonrenewable resources during the initial and continued phases of the project may be irreversible, since a large commitment of such resources makes removal or nonuse thereafter unlikely. Primary impacts and, particularly, secondary impacts (such as highway improvement which provides access to a previously inaccessible area) generally commit future generation to similar uses. Also, irreversible damage can result from environmental accidents associated with the project. Irretrievable commitments of resources should be evaluated to assure that such current consumption is justified.

Generally, a project would result in significant irreversible environmental changes if:

- the primary and secondary impacts would generally commit future generations to similar uses;
- the project would involve uses in which irreversible damage could result from any potential environmental accidents associated with the project;
- the project would involve a large commitment of nonrenewable resources; or
- the proposed consumption of resources is not justified (e.g., the project involves the wasteful use of energy).

Construction of the project would result in the irretrievable commitment of nonrenewable energy resources, primarily in the form of fossil fuels (including fuel oil) and gasoline for the construction-related equipment to install the pipelines and irrigation lines. However, construction-related activities would be temporary, short-term, consistent with existing agricultural activities for Setton, and would not result in inefficient use of energy or natural resources.

With respect to operational-related activities at the Terra Bella facility, the increase in operations would result in the irretrievable commitment of water and natural gas for the pistachio processing and fossil fuels and gasoline for truck trips. In terms of increased electricity use, much of the electrical demand is met by onsite solar photovoltaic (PV) systems totaling 1.7 MW, which produce over 2.6 million kilowatt hours of energy. In addition, Terra Bella facility's sustainability features include the use of treated process wastewater on the LAAs, which provides agricultural irrigation and saves approximately 50 million gallons of water each year, and Setton composts the hull bio-matter or sends it for cattle feed.

As addressed in Section 3.6, "Energy," the project would not result in a wasteful use of energy.

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DWR. *See* California Department of Water Resources.

ETGSA. *See* Eastern Tule Groundwater Sustainability Agency.

Eastern Tule Groundwater Sustainability Agency. 2020 (January). *Sustainable Groundwater Management Act Groundwater Sustainability Plan*.

State Water Board. *See* State Water Resources Control Board.

State Water Resources Control Board. 2018. *2018 California Integrated Report*. Clean Water Act Section 303(d) List and 305(b) Report. Available: https://gispublic.waterboards.ca.gov/portal/apps/webappviewer/index.html?id=e2def63ccef54eedbee4ad726ab1552c. Accessed April 20, 2023.

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———. 2023 (May). *Technical Report for Report of Waste Discharge*. Setton Terra Bella Pistachio Facility. Prepared for Setton Pistachio of Terra Bella Inc.

Western Regional Climate Center. 2023 (April). Porterville, CA Period of Record General Climate Summary for Temperature 1981-2010. Available: https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca7077. Accessed April 26, 2023.

Chapter 4 Cumulative Impacts

No references are used in this chapter.

Chapter 5 Alternatives

No references are used in this chapter.

Chapter 6 Other CEQA Sections

No references are used in this chapter.

Appendix A

Notice of Preparation and
Scoping Comments

RESOURCE MANAGEMENT AGENCY

5961 SOUTH MOONEY BLVD
VISALIA, CA 93277
PHONE (559) 624-7000
FAX (559) 615-3002

Aaron R. Bock — Economic Development and Planning
Reed Schenke — Public Works
Sherman Dix — Fiscal Services

REED SCHENKE, DIRECTOR — MICHAEL WASHAM, ASSOCIATE DIRECTOR

NOTICE OF PREPARATION

To: State Clearinghouse
PO Box 3044/1400 Tenth St
Sacramento, CA 95814

From: County of Tulare – RMA
5961 S Mooney Blvd
Visalia, CA 93277

Date: March 15, 2023

Subject: Notice of Preparation of an Environmental Impact Report and Scoping Meeting

Project Title: Setton Pistachio Treated Wastewater Land Application Expansion Project

Project Applicant: Setton Pistachio

Project Location: The Setton Terra Bella Pistachio Facility is located at 9370 Road 234, Terra Bella, east of State Route (SR) 65, in unincorporated Tulare County. An additional 89 acres of land application areas (LAAs) are proposed on APNs 320-040-004, -005, -006, -007, -008, -009; 320-040-034; and 320-070-023, -024, and -025 (89 acres of pistachio orchards with crop cover).

Tulare County Resource Management Agency (RMA) will be the Lead Agency and will prepare an EIR (EIR) for the Setton Pistachio Treated Wastewater Land Application Expansion Project. We need to know the views of your agency as to the scope and content of the environmental information which is germane to your agency's statutory responsibilities in connection with the proposed project. Your agency will need to use the EIR prepared by our agency when considering your permit(s) or other approval(s) for the project. In addition, please provide us with contact information of the person(s) in your agency that we may contact during the California Environmental Quality Act (CEQA) process.

The project description, location, and the potential environmental effects are contained in the attached materials. The Notice of Preparation (NOP) is also available on the County website beginning on March 15, 2023 at: https://tularecounty.ca.gov/rma/planning-building/environmental-planning/environmental-impact-reports/setton-pistachio-land-application/

Due to the limits mandated by State law, your response must be sent at the earliest possible date but no later than 30 days after receipt of this notice, by 5:00 p.m. on **April 14, 2023**.

A scoping meeting will be held on Thursday **March 30, 2023 at 1:30 p.m.** at the Tulare County Resource Management Agency, Main Conference Room, 5961 S. Mooney Blvd., Visalia, CA 93277.

Please direct your response to Hector Guerra, Chief Environmental Planner at the address shown above. He may be contacted by e-mail at hguerra@tularecounty.ca.gov or by telephone at 559-624-7121.

Signature: Hector Guerra — Date: 3/15/2023
Hector Guerra
Title: Chief Environmental Planner

Signature: — Date: 3/15/2023
Reed Schenke, P.E.
Title: RMA Director / Environmental Assessment Officer

Reference: California Code of Regulations, Title 14, (CEQA Guidelines) Sections 15082(a), 15103, 15375

PROJECT LOCATION

The Setton Terra Bella Pistachio Facility is an existing pistachio and citrus processing facility (the citrus processing facility is owned by Porterville Citrus Inc.) located at 9370 Road 234, in the town of Terra Bella, east of State Route (SR) 65, in unincorporated Tulare County (Figure 1). The Setton facility includes wastewater treatment facilities, which are located east and west of SR 65 and south of SR 190. The project site includes the existing wastewater treatment facilities, storage ponds, and land application areas (LAAs) (Figure 2). LAAs are agricultural lands that are authorized by the Central Valley Region of the Regional Water Quality Control Board (Regional Board) to receive treated wastewater from the Setton wastewater treatment facilities for irrigation purposes.

PROJECT DESCRIPTION

Setton Pistachio (the applicant) is proposing to increase the volume of treated wastewater that would be applied to the LAAs during the pistachio harvest season. To account for the increased volume of treated wastewater to be used for irrigation, Setton is proposing to add 89 acres of LAAs to expand their wastewater treatment disposal capacity. As illustrated in Figure 2, the additional 89 acres would include APNs 320-040-004, -005, -006, -007, -008, -009; 320-040-034; and 320-070-023, -024, and -025 (89 acres of pistachio orchards with crop cover). The sites are owned by Setton Pistachio and are zoned AE-20 (Exclusive Agricultural Zone - 20 Acre Minimum) by Tulare County. The proposed LAAs are surrounded by land developed with agriculture and local roads.

The project would include installation of a 15-inch subsurface pipeline to connect the additional LAAs to the existing treated wastewater distribution pipelines and installation of irrigation lines within the LAAs. Two encroachment permits would be required from Tulare County for the new pipeline to reach two of the new LAAs. The additional LAAs would allow Setton Pistachio to increase the annual wastewater discharge from 60 million gallons per year (MGY) to 85 MGY (maximum daily discharge rates would remain at 3 million gallons), allowing the facility to fully utilize its current design capacity. Improvements to the existing wastewater treatment facilities are also proposed to protect beneficial uses of water, prevent nuisance conditions, and comply with waste discharge requirements issued by the Central Valley Regional Water Quality Control Board. This would include adding fiber filters to the existing gunite-lined pond to remove excess solids from treated wastewater prior to its release into the East and West Ponds, where it is stored on a short-term basis for distribution to the LAAs. Further, paddles would be installed in the West Pond for aeration, and a Venturi Model 06 EMOHTM system would be installed in the East Pond to improve aeration to prevent septicity and odor production.

POTENTIAL ENVIRONMENTAL IMPACTS

The EIR will describe the potential for significant direct and indirect environmental impacts of construction and operation of the project. As necessary, feasible and practicable mitigation measures will be recommended to reduce identified significant or potentially significant impacts. The EIR will include evaluation of potential cumulative impacts due to the project, defined as impacts that could be exacerbated when considered in conjunction with other related past, present, and reasonably foreseeable future projects, as well as alternatives to the proposed project that could reduce or avoid project-related significant impacts. Tulare County anticipates that the project could result in potentially significant environmental impacts in the following resource areas, which will be evaluated in the EIR:

- **Air Quality**: The EIR will evaluate the potential impacts due to temporary increases in air pollutant emissions associated with construction and potential long-term increases in pollutant emissions, including odors, associated with project operations.
- **Biological Resources**: Based on record searches and a survey of the project site, the EIR will include a description of special-status plant and wildlife species known to occur, or with potential

to occur, within the project site, and a determination of whether suitable habitat exists on-site to support special-status habitats or species.

- **Cultural Resources/Tribal Cultural Resources**: A record search will be provided via the Southern San Joaquin Valley Information Center. Tribal or other cultural resources that are known or have the potential to occur on the project site will be assessed, and the potential impacts that may occur to known and unanticipated resources because of project implementation will be evaluated. The EIR will document the results of AB 52 and SB 18 consultation and any agreements on mitigation measures for tribal cultural resources.
- **Energy**: The EIR will discuss the potential impacts of the project's energy usage due to the increase in wastewater discharge to the additional LAAs, focused on whether there is a potential for inefficient, wasteful, or unnecessary energy consumption.
- **Greenhouse Gases and Climate Change**: The EIR will evaluate temporary increases in greenhouse gas (GHG) emissions associated with mobile-source exhaust from construction worker commute trips, truck haul trips, and equipment; and long-term increases in GHG emissions associated with increased truckloads of pistachios due to fully utilizing the current wastewater treatment facility design capacity and potential increased energy demand for the increase in wastewater discharge to the additional LAAs.
- **Hazards and Hazardous Materials**: The EIR will evaluate the potential for existing or possible hazardous materials within the project site and the potential for on-site hazardous materials usage. No schools are located proximate to the project site.
- **Hydrology and Water Quality**: The EIR will evaluate potential water quality impacts, particularly to groundwater quality due to the increased use of treated wastewater for agricultural irrigation purposes. It is anticipated that temporary construction disturbances would result in less than significant impacts related to drainage, erosion, and flooding impacts.
- **Transportation**: The EIR will evaluate if there are temporary construction-related transportation impacts or adjustments to long-term operation-related vehicular trips.
- **Utilities and Service Systems**: The EIR will evaluate potential impacts related to water, wastewater, and solid waste associated with the project.

Figure 1 Regional Location

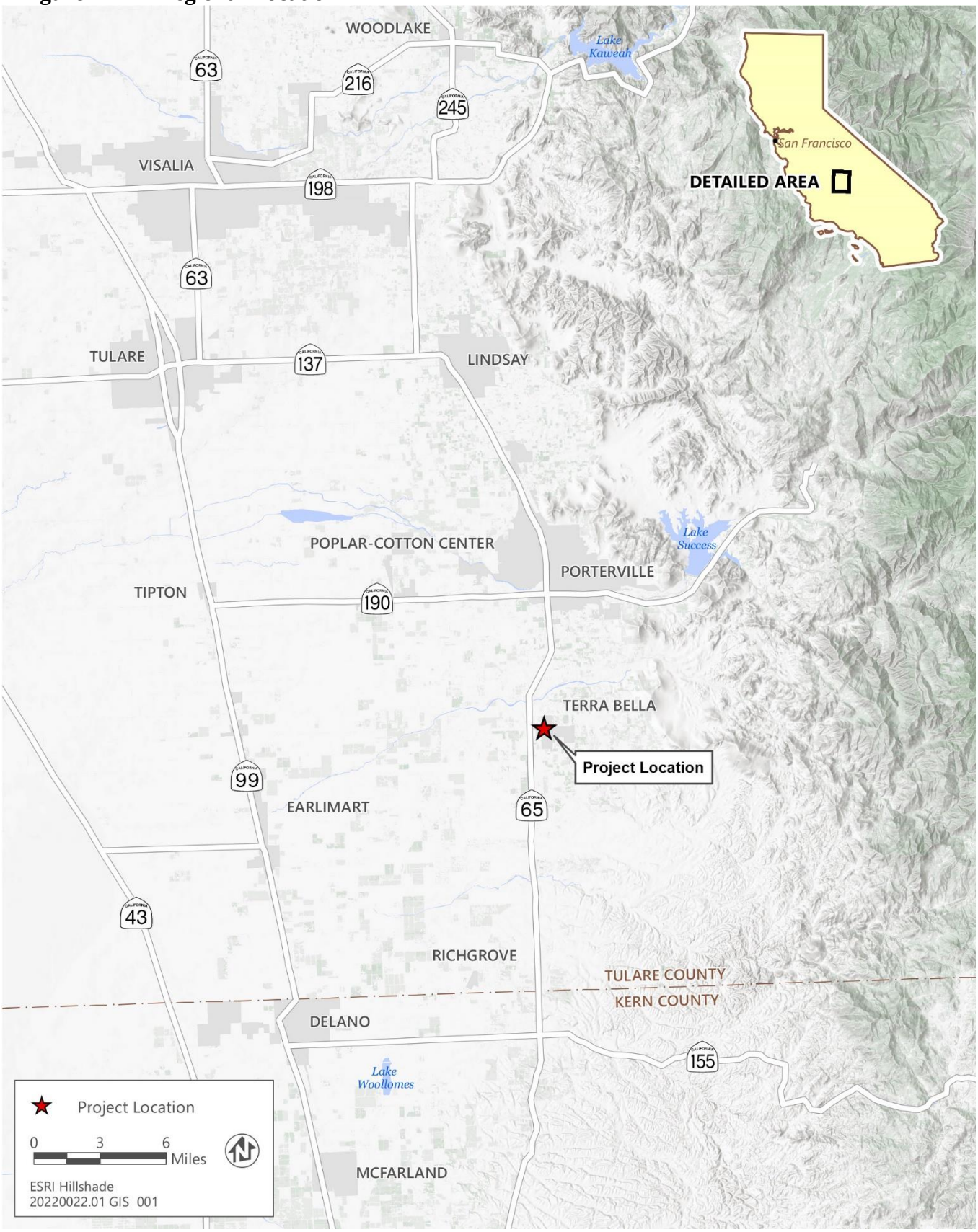
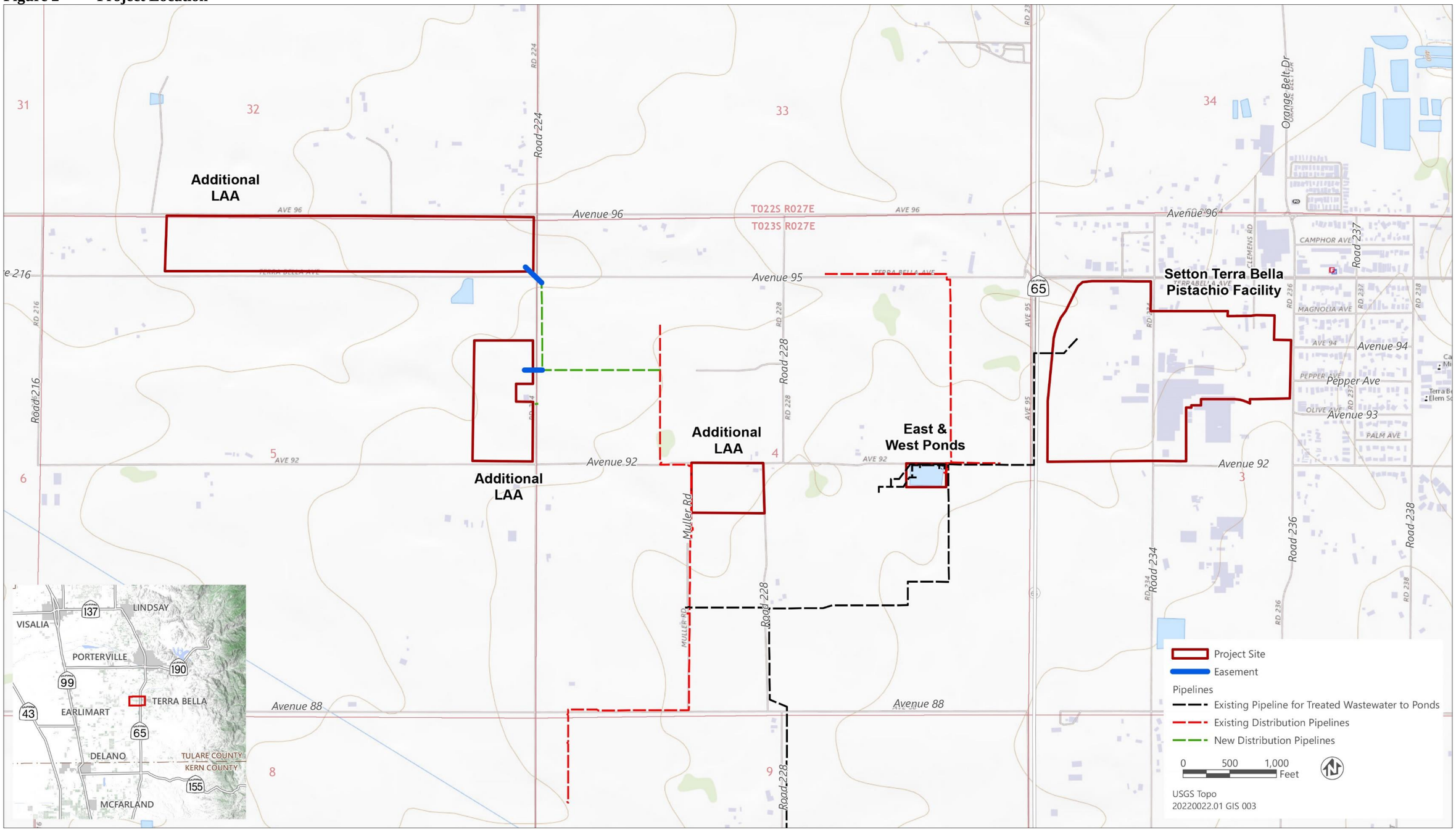


Figure 2 Project Location



ISSUES ANTICIPATED TO BE SCOPED OUT

The County anticipates that the project would have less-than-significant impacts or no impacts on the following environmental resources. Therefore, these issues are anticipated to be scoped-out of detailed review in the EIR for the following reasons.

- **Aesthetics**: The installation of underground pipelines, irrigation lines, and improvements within the existing wastewater treatment facilities would not alter the visual character, light, or glare at the project site.
- **Agriculture and Forestry Resources**: The addition of the LAAs would not alter the existing pistachio orchards; rather, the project would allow the wastewater treatment facility to more fully utilize its design capacity, which would support the agricultural processing and production of pistachios. Additionally, the project site does not included forested land or forestry resources.
- **Geology, Soils, and Mineral Resources**: The installation of underground pipelines, irrigation lines, and improvements within the existing wastewater treatment facilities would be constructed according to current building codes and are not anticipated to result in increased risks due to geologic hazards.
- **Land Use and Planning**: The proposed LAAs and existing wastewater treatment facilities are owned by Setton Pistachio, the LAAs are planted in pistachios, and their use as LAAs would create a community barrier nor create inconsistencies with policies established for the purpose of reducing environmental impacts.
- **Noise and Vibration**: The temporary increase in noise (including off-site, vehicle traffic noise) during construction would be consistent with county construction noise limits and would not be expected to result in a substantial increase in ambient noise. The operation of the project would not alter the existing wastewater treatment facilities in a way that would increase noise.
- **Population and Housing**: Development of the project would not induce population growth, nor would it displace people or housing. Therefore, no impacts on population and housing are anticipated.
- **Public Services and Recreation**: The project would not alter staff at Setton Pistachio and would not induce population growth; as a result, there would be no increased demand for, nor need for construction or expansion of fire protection facilities, law enforcement facilities, school facilities, or park amenities.
- **Wildfire**: There are no lands within the Town of Terra Bella that are classified as state responsibility areas or Very High Fire Hazard Severity Zones by the California Department of Forestry and Fire Protection and the project would not exacerbate wildfire hazards.

COMMENT PERIOD

Tulare County requests written comments regarding the scope and content for the EIR that are relevant to your agency's statutory/regulatory responsibilities or is of interest to individuals, to ascertain potential environmental impacts of the project. The NOP comment period extends from March 15 to April 14, 2023.

The NOP is available for review at the following locations:

- Project Webpage: https://tularecounty.ca.gov/rma/planning-building/environmental-planning/environmental-impact-reports/setton-pistachio-land-application/
- Tulare County Resource Management Agency Permits Services Counter, 5961 S. Mooney Blvd., Visalia, CA 93277
- Porterville Public Library, 50 W Olive Ave Suite B, Porterville, CA 93257

Written and/or email comments on the NOP should be provided at the earliest possible date, but must be received by 5:00 p.m. on **April 14, 2023**. Please send all comments on the NOP to:

Hector Guerra, Chief Environmental Planner
Tulare County Resource Management Agency
Economic Development and Planning Branch
5961 S Mooney Blvd., Visalia, CA 93277
Email: hguerra@tularecounty.ca.gov
Phone: (559) 624-7121

Comments provided via email should include "Setton Pistachio Wastewater LAA Expansion NOP Scoping Comment" in the subject line and the name and physical address of the commenter in the body of the email.

PUBLIC SCOPING MEETING

Tulare County will host a public scoping meeting to inform interested parties about the project, and to provide agencies and the public with an opportunity to provide comments on the scope and content of the EIR. The scoping meeting will be held on Thursday **March 30, 2023 at 1:30 p.m**. at the Tulare County Resource Management Agency, Main Conference Room, 5961 S. Mooney Blvd., Visalia, CA 93277.

From:	Hector Guerra
To:	Deel, David@DOT; Jessica R Willis; USDA-NRCS-Visalia; cghq@conservation.ca.gov; DLRP@DOC; CDFW Tracking (R4CEQA@wildlife.ca.gov); Mendibles, Lorena@DOT; CPUC (Borak); NAHC@NAHC; WB-RB5F-CentralValleyFresno; SJVUAPCD; Cal Rossi; James Chuang (Envreview@semprautilities.com)
Cc:	Danielle Folk; Brenda Alcantar
Subject:	RE: Setton Pistachio_Notice of Preparation of Environmental Impact Report_Caltrans No Comment
Date:	Thursday, March 16, 2023 12:07:03 PM

Hi David,

Thank you for your comment. It will entered into the record accordingly.

Best Regards,

Hector

From: Deel, David@DOT <david.deel@dot.ca.gov>
Sent: Thursday, March 16, 2023 12:05 PM
To: Jessica R Willis <JWillis@tularecounty.ca.gov>; USDA-NRCS-Visalia <lurana.strong@usda.gov>; cghq@conservation.ca.gov; DLRP@DOC <DLRP@conservation.ca.gov>; CDFW Tracking (R4CEQA@wildlife.ca.gov) <r4ceqa@wildlife.ca.gov>; Mendibles, Lorena@DOT <lorena.mendibles@dot.ca.gov>; CPUC (Borak) <bor@cpuc.ca.gov>; NAHC@NAHC <NAHC@nahc.ca.gov>; WB-RB5F-CentralValleyFresno <CentralValleyFresno@waterboards.ca.gov>; SJVUAPCD <CEQA@valleyair.org>; Cal Rossi <calvin.rossi@sce.com>; James Chuang (Envreview@semprautilities.com) <envreview@semprautilities.com>
Cc: Hector Guerra <HGuerra@tularecounty.ca.gov>; Danielle Folk <DFolk@tularecounty.ca.gov>; Brenda Alcantar <BAlcantar@tularecounty.ca.gov>
Subject: RE: Setton Pistachio_Notice of Preparation of Environmental Impact Report_Caltrans No Comment

This Message Is From an External Sender

This message came from outside your organization.

Good Afternoon, Jessica,

Caltrans has reviewed and has ***No Comment*** on the Notice of Preparation of EIR on the proposed expansion by adding 89 acres of new wastewater treatment ponds to the existing Setton Pistachio Farm.
The Setton Terra Bella Pistachio Facility is an existing pistachio and citrus processing facility and is located at 9370 Road 234, in the town of Terra Bella, east of State Route (SR) 65, in unincorporated Tulare County.
The Setton facility includes wastewater treatment facilities, which are located east and west of SR 65.
The new ponds are located approximately ½ mile west of State Route 65.
New pipeline connections are being proposed between the existing and new treatment ponds, however, *no new pipelines* are being proposed within the SR 65 right of way.

Respectfully,

DAVID DEEL | Associate Transportation Planner | Desk & Mobile: 559.981.1041
Planning, Local Programs & Environmental Analysis Division
CALTRANS - District 6
1352 W. Olive Avenue (P.O. Box 12616)
Fresno, CA 93778-2616

For real-time highway conditions: http://quickmap.dot.ca.gov/

From: Jessica R Willis <JWillis@tularecounty.ca.gov>
Sent: Wednesday, March 15, 2023 9:46 AM
To: USDA-NRCS-Visalia <lurana.strong@usda.gov>; cghq@conservation.ca.gov; DLRP@DOC <DLRP@conservation.ca.gov>; CDFW Tracking (R4CEQA@wildlife.ca.gov) <r4ceqa@wildlife.ca.gov>; Deel, David@DOT <david.deel@dot.ca.gov>; Mendibles, Lorena@DOT <lorena.mendibles@dot.ca.gov>; CPUC (Borak) <bor@cpuc.ca.gov>; NAHC@NAHC <NAHC@nahc.ca.gov>; WB-RB5F-CentralValleyFresno <CentralValleyFresno@waterboards.ca.gov>; SJVUAPCD <CEQA@valleyair.org>; Cal Rossi <calvin.rossi@sce.com>; James Chuang (Envreview@semprautilities.com) <envreview@semprautilities.com>
Cc: Hector Guerra <HGuerra@tularecounty.ca.gov>; Danielle Folk <DFolk@tularecounty.ca.gov>; Brenda Alcantar <BAlcantar@tularecounty.ca.gov>
Subject: Setton Pistachio - Notice of Preparation of Environmental Impact Report

EXTERNAL EMAIL. Links/attachments may not be safe.

Good morning.

Please find attached the Notice of Preparation (NOP) of an Environmental Impact Report (EIR) for the Setton Pistachio Treated Wastewater Land Application Expansion Project. This NOP has a 30-day comment period beginning Wednesday, **March 15, 2023** and ending on **April 17, 2023**.

A scoping meeting for the project will be held on Thursday, March 30, 2023 at 1:30 p.m. at the following locations:
RMA Main Conference Room, 5961 S. Mooney Blvd., Visalia, CA 93277; and
Microsoft Teams: Meeting ID: 288 004 319 518, Passcode: 9wN2Ep;
Or call in (audio only) +1 669-247-1027,111956895# United States, San Jose, Phone Conference ID: 111 956 895#

Jessica R. Willis
Jessica Willis, Planner IV
Resource Management Agency
Economic Development and Planning Branch
Environmental Planning Division
Phone: 559-624-7122
jwillis@tularecounty.ca.gov

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State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Central Region
1234 East Shaw Avenue
Fresno, California 93710
(559) 243-4005
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

April 17, 2023

Governor's Office of Planning & Research

Apr 17 2023

STATE CLEARINGHOUSE

Hector Guerra
Tulare County Resource Management Agency
5961 S Mooney Blvd
Visalia California, 93277

Subject: Setton Pistachio Treated Wastewater Land Application Expansion Project
Notice of Preparation
SCH No. 2023030410

Dear Hector Guerra:

The California Department of Fish and Wildlife (CDFW) received a notice of preparation from the Tulare County Resource Management Agency (Tulare County), as Lead Agency, for the Setton Pistachio Treated Wastewater Land Application Expansion Project (Project) pursuant the California Environmental Quality Act (CEQA) and CEQA Guidelines.[1]

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish and wildlife. Likewise, CDFW appreciates the opportunity to provide comments regarding those aspects of the Project that CDFW, by law, may be required to carry out or approve through the exercise of its own regulatory authority under the Fish and Game Code.

CDFW ROLE

CDFW is California's **Trustee Agency** for fish and wildlife resources and holds those resources in trust by statute for all the people of the State (Fish & G. Code, §§ 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines § 15386, subd. (a)). CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species (*Id.*, § 1802). Similarly, for purposes of CEQA, CDFW is charged by law to provide, as available, biological expertise during public agency environmental review efforts, focusing specifically on

[1] CEQA is codified in the California Public Resources Code in section 21000 et seq. The "CEQA Guidelines" are found in Title 14 of the California Code of Regulations, commencing with section 15000.

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projects and related activities that have the potential to adversely affect fish and wildlife resources.

CDFW is also submitting comments as a **Responsible Agency** under CEQA (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381). CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code. As proposed, for example, the Project may be subject to CDFW's lake and streambed alteration regulatory authority (Fish & G. Code, § 1600 et seq.). Likewise, to the extent implementation of the Project as proposed may result in "take" as defined by State law of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 et seq.), related authorization as provided by the Fish and Game Code will be required.

PROJECT DESCRIPTION SUMMARY

Proponent: Setton Pistachio

Objective: Setton Pistachio (the applicant) is proposing to increase the volume of treated wastewater that would be applied to the Land Application Areas (LAAs) during the pistachio harvest season. To account for the increased volume of treated wastewater to be used for irrigation, Setton is proposing to add 89 acres of LAAs to expand their wastewater treatment disposal capacity. The additional 89 acres would include APNs 320-040-004, -005, -006, -007, -008, -009; 320-040-034; and 320-070-023, -024, and -025 (89 acres of pistachio orchards with crop cover). The sites are owned by Setton Pistachio and are zoned AE-20 (Exclusive Agricultural Zone - 20 Acre Minimum) by Tulare County. The proposed LAAs are surrounded by land developed with agriculture and local roads.

The project would include installation of a 15-inch subsurface pipeline to connect the additional LAAs to the existing treated wastewater distribution pipelines and installation of irrigation lines within the LAAs. Two encroachment permits would be required from Tulare County for the new pipeline to reach two of the new LAAs. The additional LAAs would allow Setton Pistachio to increase the annual wastewater discharge from 60 million gallons per year (MGY) to 85 MGY (maximum daily discharge rates would remain at 3 million gallons), allowing the facility to fully utilize its current design capacity. Improvements to the existing wastewater treatment facilities are also proposed to protect beneficial uses of water, prevent nuisance conditions, and comply with waste discharge requirements issued by the Central Valley Regional Water Quality Control Board. This would include adding fiber filters to the existing gunite-lined pond to remove excess solids from treated wastewater prior to its release into the East and West Ponds, where it is stored on a short-term basis for distribution to the LAAs. Further, paddles would be installed in the West Pond for aeration, and a Venturi Model 06 EMOHTM

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system would be installed in the East Pond to improve aeration to prevent septicity and odor production.

Location: The Setton Terra Bella Pistachio Facility is an existing pistachio and citrus processing facility (the citrus processing facility is owned by Porterville Citrus Inc.) located at 9370 Road 234, in the town of Terra Bella, east of State Route (SR) 65, in unincorporated Tulare County (Figure 1). The Setton facility includes wastewater treatment facilities, which are located east and west of SR 65 and south of SR 190.The project site includes the existing wastewater treatment facilities, storage ponds, and LAAs (Figure 2). LAAs are agricultural lands that are authorized by the Central Valley Region of the Regional Water Quality Control Board (Regional Board) to receive treated wastewater from the Setton wastewater treatment facilities for irrigation purposes.

COMMENTS AND RECOMMENDATIONS

CDFW offers the comments and recommendations below to assist Tulare County in adequately identifying and/or mitigating the Project's significant, or potentially significant, direct, and indirect impacts on fish and wildlife (biological) resources. Editorial comments or other suggestions may also be included to improve the CEQA document.

The Project area is within the geographic range of several special-status animal species including the State threatened and federally endangered San Joaquin kit fox (*Vulpes macrotis mutica*); the State candidate threatened Crotch's bumblebee (*Bombus crotchii*); the State threatened Swainson's hawk (*Buteo swainsoni*); and the State species of special concern burrowing owl (*Athene cunicularia*) and American badger (*Taxidea taxus*).

San Joaquin Kit Fox (SJKF)

CNDDB records show that SJKF have been documented near the project area and are known to occur near Terra Bella. Aerial records show that the area is comprised of agricultural and ruderal habitat. In addition to grasslands, SJKF den in a variety of areas such as rights-of-way, vacant lots, agricultural and fallow or ruderal habitat, dry stream channels, and canal levees, and populations can fluctuate over time. SJKF are also capable of occupying urban environments (Cypher and Frost 1999). SJKF may be attracted to the Project area due to the type and level of ground-disturbing activities and the loose, friable soils resulting from intensive ground disturbance. As a result, there is potential for SJKF to occupy the Project site and surrounding area.

CDFW recommends assessing presence/absence of SJKF by conducting surveys following the USFWS' "Standardized recommendations for protection of the San

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Joaquin kit fox prior to or during ground disturbance" (2011) as part of the biological technical studies conducted in support of the CEQA document. Specifically, CDFW advises conducting these surveys in all areas of potentially suitable habitat no less than 14-days and no more than 30-days prior to beginning of ground and/or vegetation disturbing activities. CDFW also recommends a qualified biologist conduct on-site worker awareness training and inspect all construction materials for kit fox before use. Any pits or trenches created shall be sloped or covered to prevent inadvertent take.

SJKF detection warrants consultation with CDFW to discuss how to avoid take or, if avoidance is not feasible, to acquire an Incidental Take Permit (ITP) prior to ground-disturbing activities, pursuant to Fish and Game Code section 2081 subdivision (b).

Crotch Bumblebee (CBB)

CNDDB records indicate that the Project site is within the habitat range of CBB. Suitable CBB habitat includes areas of grasslands and upland scrub that contain requisite habitat elements, such as small mammal burrows. CBB primarily nest in late February through late October underground in abandoned small mammal burrows but may also nest under perennial bunch grasses or thatched annual grasses, under brush piles, in old bird nests, and in dead trees or hollow logs (Williams et al. 2014; Hatfield et al. 2015). Overwintering sites utilized by CBB mated queens include soft, disturbed soil (Goulson 2010), or under leaf litter or other debris (Williams et al. 2014). Therefore, potential ground disturbance and vegetation removal associated with Project implementation may significantly impact local CBB populations. CDFW recommends a qualified biologist conduct a habitat assessment as part of the biological technical studies conducted in support of the CEQA document to determine if the Project area or its immediate vicinity contain habitat suitable to support CBB. If suitable CBB habitat exists in areas of planned Project-related ground disturbance, equipment staging, or materials laydown, potential CBB nesting sites in these areas would have to be avoided in order to reduce to less-than-significant the Project-related impacts to the species. As such, if potentially suitable habitat is identified, coordination with CDFW is recommended for guidance on developing focused CBB survey methodology to be conducted as part of the biological technical studies.

CBB detection warrants consultation with CDFW to discuss how to avoid take or, if avoidance is not feasible, to acquire an ITP prior to ground disturbing activities, pursuant to Fish and Game Code section 2081 subdivision (b).

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Swainson's Hawk (SWHA)

CNDDB records indicate that the project area is within SWHA's range and predicted habitat model (CDFW 2023). The habitat types present at and surrounding the Project site all provide suitable foraging habitat for SWHA, increasing the likelihood of SWHA occurrence within the vicinity. In addition, any trees in the Project vicinity have the potential to provide suitable nesting habitat and any power poles may be utilized for perching. SWHA exhibit high nest-site fidelity year after year and lack of suitable nesting habitat limits their local distribution and abundance (CDFW 2016). If potential nest sites occur in the Project vicinity, approval of the Project may lead to subsequent ground-disturbing activities that involve noise, groundwork, construction of structures, and movement of workers that could affect nests and has the potential to result in nest abandonment and/or loss of foraging habitat, significantly impacting local nesting SWHA. In addition, conversion of undeveloped land can directly influence distribution and abundance of SWHA, due to the reduction in foraging habitat.

To evaluate potential Project-related impacts, CDFW recommends that a qualified biologist conduct a habitat assessment as part of the biological technical studies conducted in support of the CEQA document, to determine if the Project site or the immediate vicinity contain suitable habitat for SWHA. If suitable foraging or nesting habitat is present, CDFW recommends that a qualified wildlife biologist conduct surveys for nesting SWHA following the entire survey methodology developed by the SWHA Technical Advisory Committee (SWHA TAC 2000) prior to Project implementation (during CEQA analysis). The survey protocol includes early season surveys to assist the project proponent in implementing necessary avoidance and minimization measures, and in identifying active nest sites prior to initiating ground-disturbing activities. If ground-disturbing Project activities are to take place during the normal bird breeding season (March 1 through September 15), CDFW recommends that additional pre-activity surveys for active nests be conducted by a qualified biologist no more than 10 days prior to the start of Project implementation. CDFW recommends a minimum no-disturbance buffer of ½ mile be delineated around active nests until the breeding season has ended or until a qualified biologist has determined that the birds have fledged and are no longer reliant upon the nest or parental care for survival.

State Species of Special Concern

American badger (AMBA) and Burrowing owl (BUOW) have the potential to occur in the Project area. These species have been documented to occur in the vicinity of the Project site, which supports requisite habitat elements (CDFW 2023).

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CDFW recommends that a qualified biologist conduct a habitat assessment for AMBA and BUOW as part of the biological technical studies conducted in support of the CEQA document, to determine if project areas or their immediate vicinity contain potential habitat for the species mentioned above. If potential habitat is present, CDFW recommends that a qualified biologist conduct focused surveys for applicable species and their requisite habitat features to evaluate potential impacts resulting from ground and vegetation disturbance.

For AMBA, CDFW recommends delineation and observance of a 50-foot no-disturbance buffer around mammals dens that could be suitable for AMBA, as well as the entrances of burrows that can provide refuge.

For BUOW, CDFW recommends assessing presence/absence of BUOW by having a qualified biologist conduct surveys as part of the biological technical studies conducted in support of the CEQA document following the California Burrowing Owl Consortium's Burrowing Owl Survey Protocol and Mitigation Guidelines (CBOC 1993) and CDFW's Staff Report on Burrowing Owl Mitigation (CDFG 2012). Specifically, if suitable habitat is present at an individual Project site, CBOC and CDFW's Staff Report suggest three or more surveillance surveys conducted during daylight with each visit occurring at least three weeks apart during the peak breeding season (April 15 to July 15), when BUOW are most detectable.

If BUOW are detected, CDFW recommends no-disturbance buffers, as outlined in the Staff Report on Burrowing Owl Mitigation (CDFG 2012), be implemented prior to and during any ground-disturbing activities. Specifically, CDFW's Staff Report recommends that impacts to occupied burrows be avoided in accordance with the following table unless a qualified biologist approved by CDFW verifies through non-invasive methods that either: 1) the birds have not begun egg laying and incubation; or 2) that juveniles from the occupied burrows are foraging independently and are capable of independent survival.

Location	Time of Year	Level of Disturbance		
		Low	Med	High
Nesting sites	April 1-Aug 15	200 m*	500 m	500 m
Nesting sites	Aug 16-Oct 15	200 m	200 m	500 m
Nesting sites	Oct 16-Mar 31	50 m	100 m	500 m

* meters (m)

If BUOW are found within these recommended buffers and avoidance is not possible, it is important to note that according to the Staff Report (CDFG 2012), exclusion is not a take avoidance, minimization, or mitigation method and is considered a potentially significant impact under CEQA. However, if necessary, CDFW recommends that burrow exclusion be conducted by qualified biologists and

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only during the non-breeding season, before breeding behavior is exhibited and after the burrow is confirmed empty through non-invasive methods, such as surveillance. CDFW recommends replacement of occupied burrows with artificial burrows at a ratio of 1 burrow collapsed to 1 artificial burrow constructed (1:1) as mitigation for the potentially significant impact of evicting BUOW. BUOW may attempt to colonize or re-colonize an area that will be impacted; thus, CDFW recommends ongoing surveillance, at a rate that is sufficient to detect BUOW if they return.

Editorial Comments and/or Suggestions

Federally Listed Species: CDFW recommends consulting with USFWS regarding potential impacts to federally listed species including but not limited to the San Joaquin kit fox. Take under the Federal Endangered Species Act (FESA) is more broadly defined than CESA; take under FESA also includes significant habitat modification or degradation that could result in death or injury to a listed species by interfering with essential behavioral patterns such as breeding, foraging, or nesting. Consultation with the USFWS in order to comply with FESA is advised well in advance of any Project activities.

CDFW appreciates the opportunity to comment to assist the Tulare County in identifying and mitigating Project impacts on biological resources. If you have any questions, please contact Jaime Marquez, Environmental Scientist, at the address provided on this letterhead, by telephone at (559) 580-3200, or by electronic mail at Jaime.Marquez@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Julie Vance
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Julie A. Vance
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CALIFORNIA RURAL LEGAL ASSISTANCE, INC.

FIGHTING FOR JUSTICE, CHANGING LIVES

April 14, 2023

VIA EMAIL TO: hguerra@tularecountry.ca.gov
Hector Guerra
County of Tulare RMA
5961 S. Mooney Blvd.
Visalia, CA 93277

Re: Comments on Notice of Preparation, Setton Pistachio Treated Wastewater Land Application Expansion Project

Mr. Guerra,

California Rural Legal Assistance, Inc. ("CRLA") represents Terra Bella Voice for Change ("TBVC"). TBVC submits these comments in response to the Notice of Preparation ("NOP") prepared by Tulare County Resource Management Agency ("the County" "RMA"), dated March 15, 2023, for the Setton Pistachio ("Setton") Treated Wastewater Land Application Expansion Project ("Project"). These comments identify deficiencies in the NOP and the Project and identify environmental impacts RMA is obligated to evaluate pursuant to the California Environmental Quality Act ("CEQA").

1. The Central Valley Regional Water Quality Control Board is the appropriate lead agency

CEQA defines "lead agency" as "the public agency which has the principal responsibility for carrying out or approving a project [that] may have a significant effect upon the environment." (Cal. Public Resources Code §21067[1]) When multiple public agencies are involved in the project, "the public agency that shoulders primary responsibility for creating and implementing a project is the lead agency, even though other public agencies have a role in approving or realizing it." (*Planning & Conserv. League v Castaic Lake Water Agency* (2009) 180 Cal.App.4th 210, 239) Although CEQA does include language stating that the Lead Agency is 'normally' the agency with general governmental powers, this has limitations. When the project will be carried out by a private person or entity, "the Lead Agency shall be the public agency with the greatest responsibility for supervising or approving the project as a whole" (CEQA Guidelines §15051(b)), hereinafter "Guidelines") If more than one agency is involved with a project, the agency with greatest enforcement authority or oversight is the proper Lead Agency.

In *Covington v. Great Basin Unified Air Pollution Control District*, the Third District Court of Appeal found

[1] Hereinafter all references to "Code" shall be to the Cal. Pub. Res. Code.

that an air district, rather than the local governmental agency, was the appropriate Lead Agency for a project even though the Project did require some permit approvals from the local jurisdiction. (*Covington v. Great Basin Unified Air Pollution Control District*, (2019) 43 Cal.App.5th 867, 884) The Court observed that the County's role in the project was limited to providing a use permit for a section of a pipeline that would run across private property. (*Id.*) The Court emphasized that even though "the guidelines state a preference for an agency with general governmental powers," to be Lead Agency, it was not appropriate in that situation because the County "only approved a conditional use permit for a small portion of the Project" consisting of 1500 feet of pipeline across private land. (*Id.*) The air district was the agency with the most permitting and enforcement powers, and therefore the appropriate lead agency.

The NOP identifies the County as the Lead Agency for the Project EIR and states that other agencies "will need to use the EIR prepared by [RMA] when considering your permit(s) or other approval(s) for the Project." (NOP p. 1) Setton mirrors that language in its Report of Waste Discharge submitted to the Central Valley Regional Water Quality Control Board (hereinafter "Water Board") in March 2023 in which it requests to substantially increase its waste discharge limits by 25 million gallons annually. (Report of Waste Discharge and Technical Report for Setton Pistachio of Terra Bella, dated March 3, 2023, (hereinafter "March 2023 RWD")). Despite recognizing that the Water Board is the agency that provides permits for the substantive changes to Setton's operations, both Setton and the County state that the County has been chosen as a Lead Agency because Setton "must obtain encroachment permits" from the County to install distribution pipelines.

Even assuming that the County's approval of the encroachment permits would be discretionary, it is improper for the County to be Lead Agency for this Project. The appropriate Lead Agency is the Water Board. The entirety of the Project, when not inappropriately piecemealed as the County attempts, is the approval and implementation of Setton's requests in its March 2023 RWD and the associated modifications in Setton's operations that will result. The issuance of two encroachment permits for pipelines is only one small component of the Project. Like in *Covington, supra,* the County's only role is issuing permits for road crossings for a single pipeline. Moreover, like the air district in *Covington,* the Water Board is the agency with the most significant permitting power, impactful decisions, and oversight of project implementation. The Water Board's expertise and authority is exemplified by their role in reviewing Setton's proposals for increases in wastewater volume, determining specific concerns in the engineering analysis conducted by Setton, and prescribing requirements that protect beneficial uses, implement water quality control plans, and avoid creation of a nuisance. (See Water Code §13263) The County does not have the legal authority, necessary experience, or professional qualifications to provide this level of oversight of Setton's wastewater process, especially given that the Water Board has been doing so for decades. The Water Board's oversight and approval of Setton's requested WDR modifications is the most important and impactful discretionary decision for this Project. It is a necessary pre-condition of Setton operating the pipeline and infrastructure described in the NOP. The Water Board, not the County, is the appropriate Lead Agency.

2. The EIR must analyze the whole of the Project

Even if Tulare County were the lead agency, the County's NOP would be deficient because it fails to address the whole of the project under consideration as CEQA requires. A "project" under CEQA is an activity that may cause either a direct physical or reasonably foreseeable indirect physical change in the environment. (Code §21065) A project includes any activity that involves the discretionary issuance of a lease, permit, license, certificate, or other entitlement for use by one or more public agencies. (Code §21065(c)) CEQA requires that the whole of a project be evaluated during an environmental analysis. (Guidelines §15126, §15165) "The

requirements of CEQA cannot be avoided by piecemeal review which results from chopping a large project into many little ones—each with a minimal potential impact on the environment—which cumulatively may have disastrous consequences." (*Environmental Protection Information Center v. California Dept. of Forestry and Fire Protection* (2008) 44 Cal.4th 459, 503 [quotation omitted]; *Bozung v. Local Agency Formation Com.* (1975) 13 Cal.3d 263, 283-84.) Accordingly, all phases of the Project must be evaluated, including operation of the entire facility when it is working at the peak capacity enabled by the proposed expansion of wastewater discharge infrastructure.

Setton seeks to increase the limits in its permitted volume of wastewater discharge and seeks to add 89 acres of land application areas ("LAAs") to do so. Both requests require discretionary approval of updates to Setton's WDR from the Water Board.In its March 2023 RWD, Setton requests the Water Board authorize:

1. "An increase in the maximum annual discharge rate to LAAs from 60 million gallons annually to 85 million gallons annually;"
2. "An increase in additional LAAs from the current 872 acres to 961 acres;"
3. "A revised lower limit for pH from 6.5 to 4.5;"
4. "Improvements to the wastewater treatment and distribution system."

Setton also requests that the Water Board rescind the Cease and Desist Order ("CDO") issued against the facility for its ongoing maintenance of an odor nuisance. (March 2023 RWD, p. 1)

The wastewater increase is sought so Setton may substantially increase the production of pistachios at the Terra Bella Facility. This increase will modify the operations of the plant's processing equipment and wastewater systems. Yet the County does not include any mention of this in its project description. Instead, the County suggests that the Project consists solely of the issuance of two encroachment permits to support the construction of a pipeline, installation of irrigation lines, and "[i]mprovements to the existing wastewater treatment facilities." (NOP p. 2)

The NOP mischaracterizes the Project by improperly limiting it. The "Project" in this matter is not just two encroachment permits, a pipeline, and additional infrastructure to support increased LAAs. It is the increased operations of the entire Setton Facility and the impacts of all equipment working at that higher capacity, an increase in annual waste water discharge rate by 25 million gallons per year, and the other changes requested by Setton in its RWD. (March 2023 RWD) It is reasonably foreseeable that by increasing the amount of wastewater the facility can physically discharge, operations at other parts of the facility will similarly increase over existing conditions. (See, e.g., *City of Antioch v. City Council* (1986) 187 Cal.App.3d 1325, 1333-38 [invalidating EIR for failure to evaluate impacts of foreseeable development facilitated by new road and sewer capacity]) By failing to acknowledge the entirety of the Project in all its phases, the County seeks to improperly piecemeal the Project to avoid fully evaluating the environmental impact of the Project. The County may not do so. (Guidelines §15126, §15165)

3. The EIR must evaluate all environmental impacts from all aspects of Setton's increased operations

CEQA requires that the EIR identify and describe the Project's significant environmental effects, including direct, indirect, secondary, and long-term effects, as well as significant cumulative impacts. (Code §21100(b)(1); Guidelines §15126.2(a)) The EIR must rely on, and include, facts and analysis in support of the agency's determination, not just the agency's conclusions or opinions. (*Sierra Club v. County of Fresno* (2018) 6 Cal.5th

502, 522) Data included in the EIR must be specific if it is necessary for a reasonable evaluation of environmental impacts and it is reasonably feasible to obtain it. (*Id.* at 519)

The language in the NOP suggests that the County will only review the environmental impacts of the actual pipeline being constructed as well as the application of wastewater from the Setton Facility to the LAAs using the proposed irrigation infrastructure. Although the NOP states that the EIR will evaluate odors, the NOP is not clear about whether the EIR will only evaluate odors from the LAAs or will evaluate odors from the entire Setton Facility that result from the wastewater volume increase and LAA increase.

As already stated, the EIR must evaluate all aspects of Setton's increased processing operations because they are a reasonably foreseeable result of Setton's proposed increase in LAAs and wastewater limits, as well as the other requests included in Setton's March 2023 RWD. Setton's March 2023 RWD states that "[t]he requested expansion will allow Setton Pistachio to take in and process a significant amount of additional pistachios from Central Valley pistachio growers." (March 2023 RWD p. 1) The EIR must therefore evaluate all foreseeable direct, indirect, secondary, long-term, and cumulative impacts—including but not limited to impacts on agricultural resources, air quality, greenhouse gas emissions, transportation (including both additional vehicle miles traveled and all environmental impacts related to additional truck trips), noise, and water quality—from "process[ing] a significant amount of additional pistachios" at the Setton Facility. The EIR evaluation must also address all issues raised by the Water Board in its review of Setton's March 2023 RWD.

In particular, the EIR must also evaluate:

1. Any potential odors that may result from an increase in the wastewater limits and increases in the equipment operations to process the pistachios. This includes odors that may occur when equipment malfunctions and results in a longer delay between the time wastewater enters ponds and when it is applied to LAAs, as has happened in the past. The EIR must also evaluate potential odors caused by application of the wastewater to the LAAs.

2. Environmental impacts that may be caused by the increase in nutrients that may occur in wastewater applied to LAAs resulting from increased wastewater limits and increased facility operations. This includes evaluation of the environmental impacts caused by peak daily flow of 3 million gallons per day (mgd) such as whether they will impact soil, groundwater quality, plants, and odors. The EIR must also analyze the environmental impacts caused by discharging substantially more acidic wastewater. The evaluation should consider the existing groundwater quality and soil topography in the area.

3. The environmental impact of increasing use or intensity of use of the machinery used to process pistachios to accommodate the 'significant amount of additional pistachios' expected by Setton. This includes, but is not limited to, an analysis of increased emissions from the processing equipment such as burners, dryers, and fumigation processes. In making this evaluation, the County must consider whether the cumulative additional emissions will trigger Title V requirements under the federal Clean Air Act.

It is crucial that the EIR not ignore an evaluation of the environmental impact of the processing equipment such as dryers and blowers, which will be operating at a higher intensity and/or longer duration than they are currently. The environmental impacts and appropriate mitigation measures from the increase in equipment usage were not analyzed in the County's Addendum to the Terra Bella Community Plan Update, which claimed that the expanded facility would *not* increase wastewater discharge. It is now apparent that running the expanded facility

at full capacity *will* increase wastewater discharge. The full environmental impacts of the facility expansion thus must be evaluated in the EIR.

Sincerely,

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NATIVE AMERICAN HERITAGE COMMISSION

Governor's Office of Planning & Research

March 17 2023

STATE CLEARING HOUSE

March 16, 2023

Hector Guerra, Chief Environmental Planner
Tulare County Resource Management Agency
5961 S. Mooney Blvd.
Visalia, CA 93277-9394

Re: 2023030410, Setton Pistachio Treated Wastewater Land Application Expansion Project, Tulare County

Dear Mr. Guerra:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements**. If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

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AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:

a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.

b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.

a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.

b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.

c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Cameron.Vela@nahc.ca.gov.

Sincerely,

Cameron Vela

Cameron Vela
Cultural Resources Analyst

cc: State Clearinghouse

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

April 14, 2023

Hector Guerra
County of Tulare
Resource Management Agency
5961 South Mooney Blvd.
Visalia, CA, 93277

Project: Notice of Preparation of an Environmental Impact Report for the Setton Pistachio Treated Wastewater Land Application Expansion Project

District CEQA Reference No: 20230307

Dear Mr. Guerra:

The San Joaquin Valley Air Pollution Control District (District) has reviewed the Notice of Preparation (NOP) of an Environmental Impact Report from the County of Tulare (County) for the Setton Pistachio Treated Wastewater Land Application Expansion Project. Per the NOP, the project consists of increasing the wastewater discharge from 60 million gallons per year to 85 million gallons per year that would then be applied to 89 acres designated Land Application Areas (LAA) during pistachio harvest season (Project). The Project would also include the installation of 15-inch pipeline, installation of new irrigation lines in the LAA (Project). The Project is located east of State Route 65 and south of State Route 190, in Terra Bella, CA (APNs 320-040-004, -005, -006, -007, -008, -009; 320-040-034; and 320-070-023, -024, and -025).

The District offers the following comments regarding the Project:

1) Project Related Emissions

At the federal level under the National Ambient Air Quality Standards (NAAQS), the District is designated as extreme nonattainment for the 8-hour ozone standards and serious nonattainment for the particulate matter less than 2.5 microns in size (PM2.5) standards. At the state level under California Ambient Air Quality Standards (CAAQS), the District is designated as nonattainment for the 8-hour ozone, PM10, PM2.5 standards.

Samir Sheikh
Executive Director/Air Pollution Control Officer

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www.valleyair.org www.healthyairliving.com

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The District's initial review of the Project concludes that emissions resulting from construction and/or operation of the Project may exceed any of the following significance thresholds as identified in the District's Guidance for Assessing and Mitigating Air Quality Impacts: https://www.valleyair.org/transportation/GAMAQI.pdf. The District recommends that a more detailed preliminary review of the Project be conducted for the Project's construction and operational emissions.

1a) Construction Emissions

The District recommends, to reduce impacts from construction-related diesel exhaust emissions, the Project should utilize the cleanest available off-road construction equipment, including the latest tier equipment.

1b) Operational Emissions

Operational (ongoing) air emissions from mobile sources and stationary sources should be analyzed separately. For reference, the District's significance thresholds are identified in the District's Guidance for Assessing and Mitigating Air Quality Impacts: https://www.valleyair.org/transportation/GAMAQI.pdf.

Recommended Mitigation Measure: At a minimum, project related impacts on air quality should be reduced to levels of significance through incorporation of design elements such as the use of cleaner Heavy Heavy-Duty (HHD) trucks and vehicles, measures that reduce Vehicle Miles Traveled (VMTs), and measures that increase energy efficiency. More information on transportation mitigation measures can be found at: https://ww2.valleyair.org/media/ob0pweru/clean-air-measures.pdf

1c) Recommended Model for Quantifying Air Emissions

Project-related criteria pollutant emissions from construction and operational sources should be identified and quantified. Emissions analysis should be performed using the California Emission Estimator Model (CalEEMod), which uses the most recent CARB-approved version of relevant emissions models and emission factors. CalEEMod is available to the public and can be downloaded from the CalEEMod website at: www.caleemod.com.

2) Health Risk Screening/Assessment

The County should evaluate the risk associated with the Project for sensitive receptors (residences, businesses, hospitals, day-care facilities, health care facilities, etc.) in the area and mitigate any potentially significant risk to help limit exposure of sensitive receptors to emissions.

To determine potential health impacts on surrounding receptors (residences, businesses, hospitals, day-care facilities, health care facilities, etc.) a Prioritization and/or a Health Risk Assessment (HRA) should be performed for the Project. These health risk determinations should quantify and characterize potential Toxic Air Contaminants (TACs) identified by the Office of Environmental Health Hazard Assessment/California Air Resources Board (OEHHA/CARB) that pose a present or potential hazard to human health.

Health risk analyses should include all potential air emissions from the project, which include emissions from construction of the project, including multi-year construction, as well as ongoing operational activities of the project. Note, two common sources of TACs can be attributed to diesel exhaust emitted from heavy-duty off-road earth moving equipment during construction, and from ongoing operation of heavy-duty on-road trucks.

Prioritization (Screening Health Risk Assessment):
A "Prioritization" is the recommended method for a conservative screening-level health risk assessment. The Prioritization should be performed using the California Air Pollution Control Officers Association's (CAPCOA) methodology.

The District recommends that a more refined analysis, in the form of an HRA, be performed for any project resulting in a Prioritization score of 10 or greater. This is because the prioritization results are a conservative health risk representation, while the detailed HRA provides a more accurate health risk evaluation.

To assist land use agencies and project proponents with Prioritization analyses, the District has created a prioritization calculator based on the aforementioned CAPCOA guidelines, which can be found here:
http://www.valleyair.org/busind/pto/emission_factors/Criteria/Toxics/Utilities/PRIORITIZATION-CALCULATOR.xls

Health Risk Assessment:
Prior to performing an HRA, it is strongly recommended that land use agencies/ project proponents develop and submit for District review a health risk modeling protocol that outlines the sources and methodologies that will be used to perform the HRA. This step will ensure all components are addressed when performing the HRA.

A development project would be considered to have a potentially significant health risk if the HRA demonstrates that the project-related health impacts would exceed the District's significance threshold of 20 in a million for carcinogenic risk, or 1.0 for either the Acute or Chronic Hazard Indices.

A project with a significant health risk would trigger all feasible mitigation measures. The District strongly recommends that development projects that result in a significant health risk not be approved by the land use agency.

The District is available to review HRA protocols and analyses. For HRA submittals please provide the following information electronically to the District for review:

- HRA (AERMOD) modeling files
- HARP2 files
- Summary of emissions source locations, emissions rates, and emission factor calculations and methodologies.

For assistance, please contact the District's Technical Services Department by:

- E-Mailing inquiries to: hramodeler@valleyair.org
- Calling (559) 230-5900

Recommended Measure: Development projects resulting in TAC emissions should be located an adequate distance from residential areas and other sensitive receptors in accordance to CARB's Air Quality and Land Use Handbook: A Community Health Perspective located at https://ww2.arb.ca.gov/our-work/programs/resource-center/strategy-development/land-use-resources.

3) Ambient Air Quality Analysis

An Ambient Air Quality Analysis (AAQA) uses air dispersion modeling to determine if emissions increases from a project will cause or contribute to a violation of State or National Ambient Air Quality Standards. The District recommends an AAQA be performed for the Project if emissions exceed 100 pounds per day of any pollutant.

An acceptable analysis would include emissions from both project-specific permitted and non-permitted equipment and activities. The District recommends consultation with District staff to determine the appropriate model and input data to use in the analysis.

Specific information for assessing significance, including screening tools and modeling guidance, is available online at the District's website: www.valleyair.org/ceqa.

4) Voluntary Emission Reduction Agreement

Criteria pollutant emissions may result in emissions exceeding the District's significance thresholds, potentially resulting in a significant impact on air quality. When a project is expected to have a significant impact, the District recommends the Draft Environmental Impact Report also include a discussion on the feasibility of implementing a Voluntary Emission Reduction Agreement (VERA) for this Project. A VERA is a mitigation measure by which the project proponent provides pound-for-pound mitigation of emissions increases through a process that develops, funds, and implements emission reduction projects, with the District serving a role of administrator of the emissions reduction projects and verifier of the successful mitigation effort. To implement a VERA, the project proponent and the District enter into a contractual agreement in which the project proponent agrees to mitigate project specific emissions by providing funds for the District's incentives programs. The funds are disbursed by the District in the form of grants for projects that achieve emission reductions. Thus, project-related impacts on air quality can be mitigated. Types of emission reduction projects that have been funded in the past include electrification of stationary internal combustion engines (such as agricultural irrigation pumps), replacing old heavy-duty trucks with new, cleaner, more efficient heavy-duty trucks, and replacement of old farm tractors.

In implementing a VERA, the District verifies the actual emission reductions that have been achieved as a result of completed grant contracts, monitors the emission reduction projects, and ensures the enforceability of achieved reductions. After the project is mitigated, the District certifies to the Lead Agency that the mitigation is completed, providing the Lead Agency with an enforceable mitigation measure demonstrating that project-related emissions have been mitigated. To assist the Lead Agency and project proponent in ensuring that the environmental document is compliant with CEQA, the District recommends the environmental document includes an assessment of the feasibility of implementing a VERA.

5) Vegetative Barriers and Urban Greening

There are several residential units located near the project site. The District suggests the County consider the feasibility of incorporating vegetative barriers and urban greening as a measure to further reduce air pollution exposure on sensitive receptors (e.g., residential units).

While various emission control techniques and programs exist to reduce air quality emissions from mobile and stationary sources, vegetative barriers have been shown to be an additional measure to potentially reduce a population's exposure to air pollution through the interception of airborne particles and the update of gaseous pollutants. Examples of vegetative barriers include, but are not limited to the following: trees, bushes, shrubs, or a mix of these. Generally, a higher and thicker vegetative barrier with full coverage will result in greater reductions in downwind

pollutant concentrations. In the same manner, urban greening is also a way to help improve air quality and public health in addition to enhancing the overall beautification of a community with drought tolerant, low-maintenance greenery.

6) Nuisance Odors

While offensive odors rarely cause any physical harm, they can be unpleasant, leading to considerable distress among the public and often resulting in citizen complaints.

The County should consider all available pertinent information to determine if the Project could have a significant impact related to nuisance odors. Nuisance odors may be assessed qualitatively taking into consideration the proposed business or industry type and its potential to create odors, as well as proximity to off-site receptors that potentially would be exposed to objectionable odors. The intensity of an odor source's operations and its proximity to receptors influences the potential significance of malodorous emissions. Any project with the potential to frequently expose members of the public to objectionable odors should be deemed to have a significant impact.

According to the District Guidance for Assessing and Mitigating air Quality Impacts (GAMAQI), a significant odor impact is defined as more than one confirmed complaint per year averaged over a three-year period, or three unconfirmed complaints per year averaged over a three-year period. An unconfirmed complaint means that either the odor or air contaminant release could not be detected, or the source of the odor could not be determined.

The District is available to assist the County with information regarding specific facilities and categories of facilities, and associated odor complaint records.

7) District Rules and Regulations

The District issues permits for many types of air pollution sources, and regulates some activities that do not require permits. A project subject to District rules and regulations would reduce its impacts on air quality through compliance with the District's regulatory framework. In general, a regulation is a collection of individual rules, each of which deals with a specific topic. As an example, Regulation II (Permits) includes District Rule 2010 (Permits Required), Rule 2201 (New and Modified Stationary Source Review), Rule 2520 (Federally Mandated Operating Permits), and several other rules pertaining to District permitting requirements and processes.

The list of rules below is neither exhaustive nor exclusive. Current District rules can be found online at: www.valleyair.org/rules/1ruleslist.htm. To identify other District rules or regulations that apply to future projects, or to obtain information about District permit requirements, the project proponents are strongly encouraged to contact the District's Small Business Assistance (SBA) Office at (559) 230-5888.

7a) District Rules 2010 and 2201 - Air Quality Permitting for Stationary Sources

Stationary Source emissions include any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. District Rule 2010 (Permits Required) requires operators of emission sources to obtain an Authority to Construct (ATC) and Permit to Operate (PTO) from the District. District Rule 2201 (New and Modified Stationary Source Review) requires that new and modified stationary sources of emissions mitigate their emissions using Best Available Control Technology (BACT).

This Project may be subject to District Rule 2010 (Permits Required) and Rule 2201 (New and Modified Stationary Source Review) and may require District permits. Prior to construction, the Project proponent should submit to the District an application for an ATC. For further information or assistance, the project proponent may contact the District's SBA Office at (559) 230-5888.

7b) District Rule 9510 - Indirect Source Review (ISR)

The District has reviewed the information provided and determined that there is no construction of a new building, facility, or structure, or reconstruction of a building, facility, or structure for the purpose of increasing capacity or activity. Therefore, the project does not meet the definition of a "Development Project", as defined in District Rule 9510 section 3.13, and District Rule 9510 requirements and related fees do not apply to the Project.

7c) District Regulation VIII (Fugitive PM10 Prohibitions)

The project proponent may be required to submit a Construction Notification Form or submit and receive approval of a Dust Control Plan prior to commencing any earthmoving activities as described in Regulation VIII, specifically Rule 8021 – *Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities.*

Should the project result in at least 1-acre in size, the project proponent shall provide written notification to the District at least 48 hours prior to the project proponents intent to commence any earthmoving activities pursuant to District Rule 8021 (Construction, Demolition, Excavation, Extraction, and Other

Earthmoving Activities). Also, should the project result in the disturbance of 5-acres or more, or will include moving, depositing, or relocating more than 2,500 cubic yards per day of bulk materials, the project proponent shall submit to the District a Dust Control Plan pursuant to District Rule 8021 (Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities). For additional information regarding the written notification or Dust Control Plan requirements, please contact District Compliance staff at (559) 230-5950.

The application for both the Construction Notification and Dust Control Plan can be found online at:
https://www.valleyair.org/busind/comply/PM10/forms/DCP-Form.docx
Information about District Regulation VIII can be found online at:
http://www.valleyair.org/busind/comply/pm10/compliance_pm10.htm

7d) Other District Rules and Regulations

The Project may also be subject to the following District rules: Rule 4102 (Nuisance) and Rule 4641 (Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations).

8) District Comment Letter

The District recommends that a copy of the District's comments be provided to the Project proponent.

If you have any questions or require further information, please contact Eric McLaughlin by e-mail at Eric.McLaughlin@valleyair.org or by phone at (559) 230-5808.

Sincerely,

Brian Clements
Director of Permit Services

For: Mark Montelongo
Program Manager

Central Valley Regional Water Quality Control Board

14 April 2023

Hector Guerra, Chief Environmental Planner
Tulare County Resource Management Agency
5961 S. Mooney Blvd.
Visalia, CA 93277
(via email: hguerra@tularecounty.ca.gov)

COMMENTS ON NOTICE OF PREPARATION FOR DRAFT ENVIRONMENTAL IMPACT REPORT; SETTON PISTACHIO OF TERRA BELLA, INC.; SETTON PISTACHIO TREATED WASTEWATER LAND APPLICATION EXPANSION PROJECT; TULARE COUNTY (SCH 2023030410)

The Central Valley Water Board has reviewed the 15 March 2023 Notice of Preparation (NOP) of a Draft Environmental Impact Report (EIR) for the Setton Terra Bella Pistachio Facility Treated Wastewater Land Application Expansion Project (Project). The Setton Terra Bella Pistachio Processing Facility (Facility) is at 9370 Road 234 in Terra Bella, California. According to the NOP, Tulare County will act as lead agency for the Project. A summary of our comments is provided below. The Central Valley Water Board is responsible for protecting water quality; therefore, our comments will address this issue.

According to the NOP, the applicant (Setton Pistachio of Terra Bella, Inc. or Setton) is proposing to increase the volume of treated wastewater applied to its land application areas (LAAs) during the pistachio harvest season to accommodate increased production at the Facility. To account for the increased volume of treated wastewater, Setton is proposing to add 89 additional acres of land to its LAAs and install a new pipeline to connect the new LAAs to Setton's existing wastewater distribution system.

The EIR for the Project should include a detailed description of Setton's operations, including all treatment and disposal measures for liquid and solid wastes to handle the proposed increase in production. Furthermore, the EIR should address all potential impacts to water quality associated with the Project. The following sections discuss various programs/requirements that may be applicable to the Project.

Waste Discharge Requirements

The discharge of pistachio process wastewater to land is subject to regulation under Waste Discharge Requirements (WDRs) issued by the Central Valley Water Board. The Facility is currently regulated by WDRs Order 92-191, which authorizes the discharge of up to 1.5 million gallons per day (mgd) of pistachio process wastewater to land for irrigation of crops. Wastewater management and disposal activities at the Facility have changed significantly over the years, including increased flows, expansion of the land

application areas, and comingling with discharge of citrus wastewater from the adjoining Citrus Packing House owned by Porterville Citrus, Inc. (regulated by WDRs Order 94-302). On 13 August 2020, the Central Valley Water Board issued Cease and Desist Order (CDO) R5-2020-0038 requiring Setton to address ongoing odor complaints associated with its wastewater handling and disposal practices. In response to the CDO, Setton has made several changes and added new treatment systems to address the odor issues.

The proposed increase in flows and further expansion of the LAAs represents a material change in the discharge. Prior to initiating the proposed changes, Setton must satisfy the requirements of California Water Code section 13264 (i.e., submit a complete Report of Waste Discharge [RWD], satisfy the California Environmental Quality Act [CEQA], and either be issued WDRs or satisfy the timelines specified in section 13264). Therefore, the EIR should acknowledge that Setton must satisfy the above requirements prior to initiating the proposed changes.

On 3 March 2023, Setton submitted a RWD to the Central Valley Water Board for the proposed expansion. By letter dated 30 March 2023, the RWD was determined to be incomplete. The March 2023 letter requested clarification on capacity of the treatment systems, assumptions used in crop loading rates, and management of the pond(s) to prevent odor issues.

Pistachio process wastewater contains elevated salts (particularly potassium), nitrogen, and organic matter, which can cause nuisance odor conditions and degrade groundwater if not managed appropriately. Therefore, the EIR for the proposed Project should evaluate potential odor issues associated with the Project and discuss what measures will be implemented to mitigate those issues. Furthermore, as discussed in the Antidegradation Considerations section below, the EIR should evaluate the impact the proposed discharge will have on underlying groundwater and discuss what measures will be implemented to mitigate the impact the proposed Project will have on groundwater quality (e.g., treatment systems, application at agronomic rates, how the wastewater pond(s) and distribution system will be operated and maintained, etc.).

Antidegradation Considerations
All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Tulare Lake Basin Plan. The Antidegradation Policy is available at:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/1968/rs68_016.pdf

Regarding the Antidegradation Policy, the Tulare Lake Basin Plan states:

> *Pursuant to this policy, a Report of Waste Discharge, or any other similar technical report required by the Board pursuant to Water Code Section 13267, must include information regarding the nature and extent of the discharge and the potential for the discharge to affect surface or ground water quality in the region. This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality*

objectives. The extent of information necessary will depend on the specific conditions of the discharge. For example, use of best professional judgement and limited available information may be sufficient to determine that ground or surface water will not be degraded. In addition, the discharger must identify treatment or control measures to be taken to minimize or prevent water quality degradation.

The antidegradation analysis is a mandatory element in the land discharge permitting process. Tulare County, as lead agency for the proposed Project, should include in the EIR an evaluation of potential impacts associated with the increased discharge(s) and discussion of mitigation measures.

Salt and Nitrate Control Programs
As part of the RWD submittal, Setton must also comply with the Basin Plan amendments adopted by the Central Valley Water Board in 2018 and revised in 2020 (Resolution R5-2020-0057), which created the new Central Valley-Wide Salt and Nitrate Control Programs. The new programs were the result of a collaborative stakeholder initiative, known as Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS). The Salt and Nitrate Control Programs have specific requirements for both existing and new dischargers in the Central Valley. Information about the Salt and Nitrate Control Programs can be found on the Central Valley Water Board's website and the Central Valley Salinity Coalition's website at:

https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/

https://www.cvsalinity.org/public-info

The EIR should address how Setton will comply with the Salt and Nitrate Control Programs as part of its review. Currently, both Setton and Porterville Citrus, Inc. are enrolled in the Priority & Optimization Study (or P&O Study) as part of the Salt Control Program in a basin-wide planning effort to develop a long-term salinity strategy for the Central Valley. In addition, both Setton and Porterville Citrus, Inc. have joined the Tule Basin Water Quality Coalition as part of the Nitrate Control Program.

Industrial Storm Water General Permit
Storm water discharges associated with specific industrial activities must comply with the regulations contained in the Industrial Storm Water General Permit Order 2014-0057-DWQ. For more information on the Industrial Storm Water General Permit, visit the State Water Resources Control Board website at:

https://www.waterboards.ca.gov/water_issues/programs/stormwater/industrial.html

Construction Storm Water General Permit
A National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (NPDES General Permit No. CAS000002) is required when a project includes, but is not limited to, demolition, clearing, grading, grubbing, excavation, or any other similar land disturbance. Currently, construction/land disturbance activity requires coverage under the Construction Storm Water General Permit if it involves one or more acres, or less than an acre where the activity is part of a larger common plan of development or sale

of one or more acres. If construction/land disturbance associated with the proposed Project, particularly construction of the new pipeline(s) to carry wastewater to the new LAAs, will disturb one acre or more, Setton will need to obtain permit coverage under the Construction Storm Water General Permit. Before construction begins, Setton must submit a Notice of Intent (NOI) to comply with the permit to the State Water Resources Control Board and a Storm Water Pollution Prevention Plan (SWPPP) must be prepared. For more information on the Construction Storm Water General Permit, please visit the State Water Resources Control Board website at:

https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html

Thank you for the opportunity to comment on this project. If you have questions about these comments, please contact Katie Carpenter at (559) 445-5551 or by email at Katie.Carpenter@waterboards.ca.gov.

Alexander S. Mushegan
Digitally signed by Alexander S. Mushegan
Date: 2023.04.14 08:52:02 -07'00'
Water Boards

Alexander S. Mushegan
Senior Engineer

cc's:

- Chris Moskal, Esq., State Water Resources Control Board – Office of Chief Counsel, Sacramento (via email)
- Omar Mostafa, Senior Engineer, Central Valley Water Board, Fresno (via email)
- Ryan Hayashi, Deputy Director, San Joaquin Valley Air Pollution Control District, Fresno (via email)
- Annette Ballatore, Esq., District Counsel, San Joaquin Valley Air Pollution Control District, Fresno (via email)
- Brian Clements, Director of Permit Services, San Joaquin Valley Air Pollution Control District, Fresno (via email)
- Jacob Whitson, Director of Compliance, San Joaquin Valley Air Pollution Control District, Fresno (via email)
- Reed Schenke, Director, Tulare County Resource Management Agency, Visalia (via email)
- Nilsa Gonzalez, Deputy Director, Tulare County Division of Environmental Health, Visalia (via email)
- Lee Cohen, General Manager, Setton Pistachio of Terra Bella, Inc., Terra Bella (via email)
- Fernando Rios, Regulatory and Compliance Coordinator, Setton Pistachio of Terra Bella, Inc., Terra Bella (via email)

- Marina Abitia, Regulatory Compliance Officer, Porterville Citrus, Inc., Terra Bella (via email)
- Nick Galusha, Senior Analyst, Porterville Citrus, Inc., Terra Bella (via email)
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- Theresa Dunham, Esq., Kahn, Soares & Conway, LLP, Sacramento (via email)
- Dolores Gough, Senior Consultant, Trinity Consultants, Bakersfield (via email)
- Mariah Thompson, Esq., California Rural Legal Assistance, Inc., Fresno (via email)
- Kevin Bundy, Esq., Shute, Mihaly & Weinberger LLP, San Francisco (via email)
- Lupe Cipres, Interested Party, Terra Bella's Voice for Change, Terra Bella (via email)
- Fred Beltran, Interested Party, Terra Bella's Voice for Change, Terra Bella (via email)
- Nayamin Martinez, Interested Party, Central California Environmental Justice Network, Fresno (via email)

Appendix B

Updated Odor Control Plan

UPDATED ODOR CONTROL PLAN

Setton Terra Bella Pistachio Facility

Prepared For:

Setton Pistachio of Terra Bella, Inc.
9370 Road 234, Terra Bella, CA 93270

Prepared By:

TRINITY CONSULTANTS
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661-282-2200

June 2020
Amended February 2022
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Trinity Consultants

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GLOSSARY

ac. ft. ..... acre feet

BOD_5 ..... [Five-Day] Biochemical Oxygen Demand at 20°Celsius

cBOD ..... carbonaceous Biochemical Oxygen Demand

CDO ..... Cease and Desist Order

COC[s] ..... Constituent[s] of Concern

DAF ..... Dissolved Air Flotation

DO ..... Dissolved Oxygen

DT ..... Detention Time

EC ..... Electrical Conductivity

FDS ..... Fixed Dissolved Solids

gpm ..... gallons per minute

H_2O_2 ..... Hydrogen Peroxide

$KMnO_4$ ..... Potassium Permanganate

LAA. ..... Land Application Area

lbs/ac/day ..... Pounds per Acre per Day

lbs/ac/yr ..... Pounds per Acre per Year

µ ..... micron

µg/L ..... Micrograms per Liter

µmhos/cm ..... Micromhos per Centimeter

MG[D] or mgd ..... Million Gallons [per Day]

mg/L ..... Milligrams per Liter

MRP ..... Monitoring and Reporting Program

ORP ..... Oxygen Reduction Potential

N ..... Nitrogen

nCBOD ..... nitrogenous Biochemical Oxygen Demand

ND ..... Non-Detect

NO_3 ..... Nitrate

NOV ..... Notice of Violation

RWQCB.....Regional Water Quality Control Board

R[O]WD.....Report of Waste Discharge

$S^{=}$.....Sulfide

SAE.....Standard Aeration Efficiency

SGMA.....Sustainable Groundwater Management Act

SJVAPCD.....San Joaquin Valley Air Pollution Control District

SO_4.....Sulfate

TDS.....Total Dissolved Solids

TKN.....Total Kjeldahl Nitrogen

VMT.....Vehicle Miles Traveled

VOC[s].....Volatile Organic Compound[s]

WDRs.....Waste Discharge Requirements

1. INTRODUCTION

This Updated Odor Control Plan (Plan) was prepared to provide additional information to the Odor Control Plan that was submitted to the San Joaquin Valley Air District (SJVAPCD or District) in February 2022. The February 2022 Plan is an update to the Odor Control Plan that was submitted in June 2020. Since 2020, Setton has made more improvements to their wastewater collection and treatment system to address odors that were associated with the 350 ac. ft. Storage and Treatment Pond. The use of this pond was discontinued in November after the 2020 pistachio harvest season. This updated Plan discusses all the key improvements and odor control measures that have and will be implemented going forward.

BACKGROUND:

Setton operates a pistachio hulling and processing facility at 9370 Road 234 in Terra Bella, Tulare County, California. Setton had requested an Authority to Construct (ATC) permit for an expansion of their hulling operation from the District. The requested ATCs would authorize a new Pistachio Receiving/Hulling, Storage and Fumigation Operation consisting of pre-cleaning lines 5 & 6 with two receiving pits, each with two cyclones, twelve natural gas-fired column dryers, 24 silos for storage, drying and fumigation, 48 natural gas-fired silo fan/heater units and associated permit exempt wet processing lines (District Project S-1193630). The expanded hulling operation would provide a closer, more convenient location to many of Setton's farms and growers, particularly during "on years" with high yields. The expansion would reduce VMT (vehicle miles traveled) by capturing trips that would otherwise be sent to Setton's existing peaker facility (Brooklyn, S-6704) and reduce vehicle trips associated with hauling loads between the two facilities.

Due in part to odor complaints stemming from the installation and use of an experimental wastewater detention pond for the 2018 hulling season, the District deemed the application for the expansion incomplete. In a letter dated October 4, 2019, the District cited concerns that the expansion would generate additional wastewater which may worsen odors from the experimental detention pond. Although resulting in potential financial impacts and job losses, Setton has decided not to pursue their recent April 2020 request to the Central Valley Regional Water Quality Control Board (RWQCB or Water Board) to increase flow volumes of 4 million gallons per day (mgd) and 140 million gallons (MG) per year, thus alleviating the District's concerns regarding generating additional wastewater. Further, the District also requested a plan detailing current and future actions to be taken to resolve its concerns regarding odors from the detention pond, including:

- Details of each process being implemented to mitigate odors;
- Timelines associated with each process;
- Criteria used to determine the effectiveness of each process;
- Identification of any test methods to be used;
- Evaluation of the test data; and
- Procedures to amend the plan once implemented, if needed.

Prior to the construction of the detention pond, Setton successfully managed their wastewater operations without generating adverse odors. Setton believed that the conditions that led to the experimental wastewater detention pond turning anaerobic (septic) would be resolved. Although characterizing and altering the chemistry and microbiology of nearly 350 acre-feet of water had been a challenging and time-consuming process, multiple parameters indicated that the chemistry of the detention pond had been successfully changed from anaerobic to facultative. Regardless, Setton decided to no longer use this pond to hold any wastewater associated with pistachio processing. The detention pond may be used to store only

stormwater and/or fresh irrigation water, as needed. As such, the ATC application for the pond has been withdrawn (District Project S-1194237).

Due to the discontinued use of the 350 ac. ft. pond, the District requested an updated Odor Control Plan that will address the following:

- Location of Dissolved Air Flotation (DAF) unit(s)
- Description of the DAF units
- Process Flow
- Description of Porterville Citrus, Inc (PCI) wastewater line
- Having chemicals in stock for the DAF units (during harvest)
- Adding three aeration units at the East Pond
- Injecting and spraying Hydrogen peroxide to the surface and banks of the mixing ponds (East and West Ponds)
- Discharge in real time to subsurface irrigation system
- Removing third party hull trucks from the Setton site within 2 weeks of the end of harvest

This updated Plan also provides more details including calculations in support of some of the odor control measures. This same information, included in Section 3 of this Plan, was provided to the Central Valley RWQCB on April 29, 2022.

1.1 Regulatory Oversight

The hulling operations, including the wastewater handling, storage and discharge system, are conducted primarily under the oversight of the following regulatory agencies:

- San Joaquin Valley Air Pollution Control District (SJVAPCD)
  - Issues Authorities to Construct and Permits to Operate for stationary sources of air emissions.
  - Prohibits the release of any air contaminant into the atmosphere which causes a public nuisance.

- Central Valley Regional Water Quality Control Board (CV RWQCB)
  - Adopts Waste Discharge Requirements for Non-Chapter 15 point source discharges of waste to land.
  - Prohibits wastewater treatment, storage, and disposal from causing pollution or a nuisance as defined by Water Code section 13050.

- County of Tulare Resource Management Agency (TC RMA)
  - Adopts Special Use Permits
  - Enforces ordinances prohibiting public nuisances

1.2 Background of Wastewater Operations

1.2.1 Industry Overview

Processing California pistachio crop requires significant quantities of water over a very short 30 to 45-day season; approximately one gallon of water is required to hull each pound of in-hull pistachios. Based on the

2018 harvest data[1] nearly one billion gallons of pistachio wastewater was generated and discharged in California.

Water is used to lubricate nuts during hull removal, sort nuts during the floater/sinker process, and to wash down the facility for sanitation. The resulting hulling water, following removal of entrained hulls and minor amounts of shells and skins, has been used throughout California to supplement irrigation needs. Hulling water contains nitrogen, potassium and other nutrients. Its use has offset fertilizer requirements along with irrigation requirements. In addition, due to its acidity, it can alleviate the use of salt-based soil amendments necessary for the alkaline soils typical in the San Joaquin Valley. When dry-farming was still common in parts of the San Joaquin Valley, hulling water was applied to pre-irrigate land prior to planting forage crops. As weather patterns have changed, dry-farmed crops have failed. Declining water supplies have diverted available water to permanent crops such as orchards and vineyards rather than the forage crops. Considering the decline in water supplies, hulling water is a valuable resource for use to irrigate pistachios.

1.2.2 Site-Specific Wastewater Operations

Setton currently discharges wastewater under two Waste Discharge Requirements adopted by the RWQCB: WDR 92-191 and 94-302.

WDR 92-191 was adopted by the RWQCB on September 25, 1992 for Dole Dried Fruit and Nut Company and Terra Bella Pistachio Processing Plant in Tulare County**.** This order initially authorized a discharge of up to 1.5 mgd of wastewater generated during the hulling season.

WDR 94-302 was adopted by the RWQCB on October 28, 1994 for Dole Citrus and Central Valley Citrus and authorizes a discharge of up to 0.08 mgd of citrus packing washwater to an evaporation pond. Central Valley Citrus (now known as Porterville Citrus, Inc.) operates a citrus packing house on property that is adjacent to the Setton pistachio facility; until recently the citrus pond was located within the pistachio plant as an artifact of when both facilities were under common control by Dole.

When Setton acquired the pistachio plant, they notified the RWQCB in 2004 of their intent to assume operation of the citrus evaporation pond. Setton proposed to pump the citrus washwater from the evaporation pond into the pistachio hulling pond and then land apply the commingled wastewater under WDR 92-191. Subsequent proposed amendments to their wastewater operations include:

- In January 2009, Setton requested to increase the authorized discharge to 3 mgd.
- In December 2016, Setton proposed to update both WDRs to incorporate facility improvements and requested approval to construct a new lined 350 ac. ft. pond. The proposed construction was an alternative to the existing method of direct land application; the existing infrastructure was to remain in place.
- In July 2017, the Tulare County Planning Commission adopted Resolution 9323 for a Special Use Permit conditionally approved a "water storage pond for an agricultural waste/nutrient management upgrade."
- In June 2018, Setton decommissioned the citrus evaporation pond and replaced it with a concrete pit.
- In September 2019, Setton requested authorization to add approximately 300 acres of land application areas (LAAs), increase the authorized discharge to 4 mgd and limit annual permitted flow to a total of 140 million gallons, which would include stormwater runoff from both facilities, the unincorporated community of City of Terra Bella, and the proposed 2020 plant expansion. Wastewater piping from the

[1] https://calpistachioresearch.org/wp-content/uploads/2019/02/2018-CPRB-Executive-Summaries.pdf.

expansion would be constructed with the option for direct land application or diversion to the detention pond.

- In June 2020, Setton decided not to pursue an increase flow volume to 4 mgd and 140 MG/year for the 2020 season. Instead, Setton intended to operate within its existing capacity, and has also requested an increase to their LAA to 892 acres for the 2020 season to help mitigate potential objectionable odors.
- In May 2021, Setton decided to stay with the annual wastewater discharge rate of 60 MG and LAA of 872 acres and segregate the citrus washwater from the hulling water. This was proposed in the Report of Waste Discharge (RWD) that was deemed substantially complete by the RWQCB on June 17, 2021. Setton also conveyed that the 350 ac. ft. detention pond and the Padula Pond would no longer be used to hold wastewater beginning with the 2021 pistachio harvest season. The existing East and West Ponds would instead be used to temporarily hold the wastewater prior to land application through sub-surface irrigation. The citrus washwater would be pumped directly to the East Pond or be applied directly to the LAAs by subsurface irrigation during non-harvest season. During Harvest season, both waters may commingle in the East Pond or can be applied directly to land by subsurface irrigation. The West Pond, which is located adjacent to the East Pond could also temporarily hold wastewater only in emergency situations. Stormwater from the Setton Plant and the community of Terra Bella during non-harvest season could go either to the 350 ac. ft. Pond or the Padula Pond.

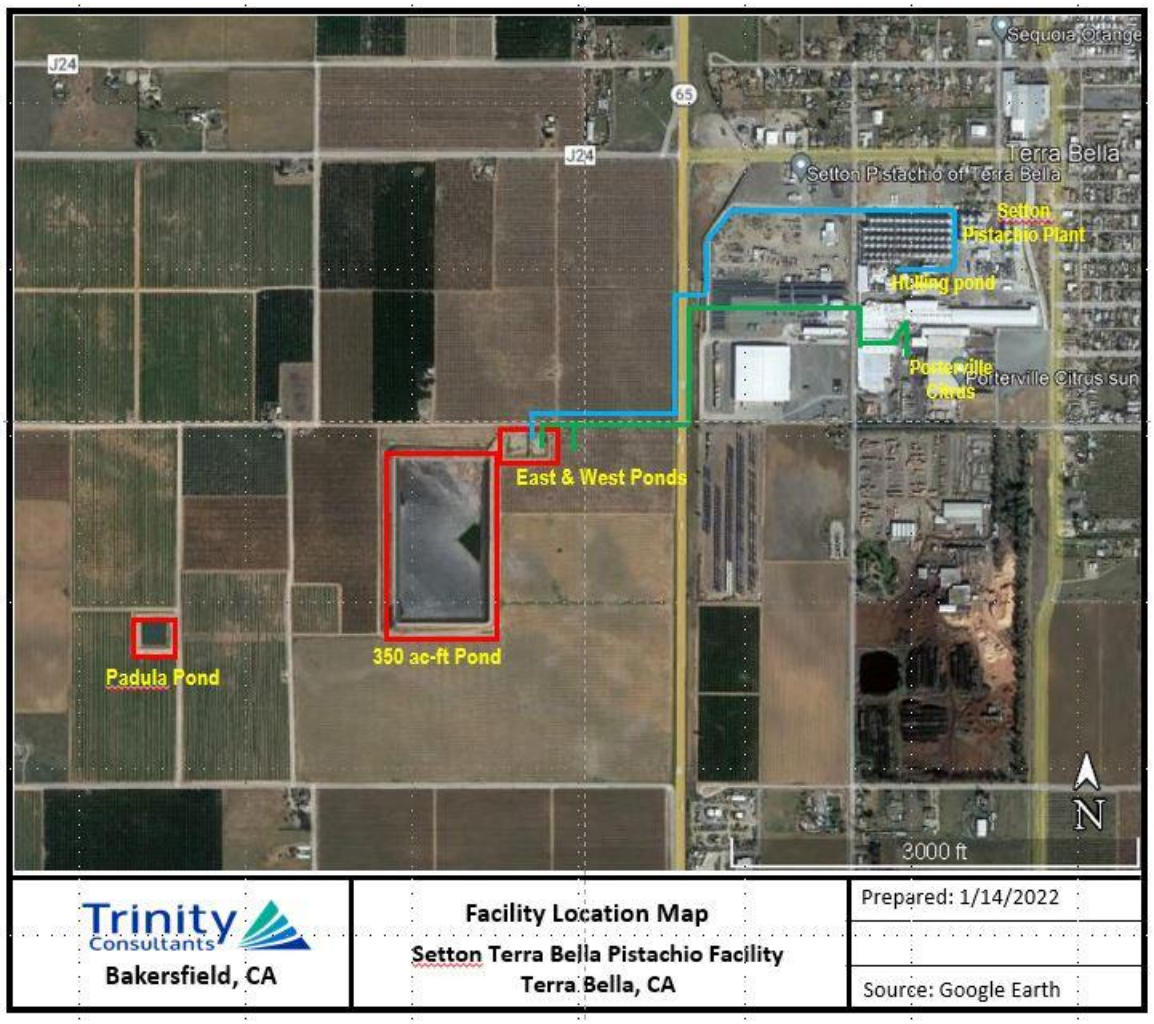
For reference, **Table 1-1** below shows all the ponds that are associated with Setton's pistachio wastewater and their current status. A map to show their locations is also included below as **Figure 1-1.**

Table 1-1. Existing Ponds

Pond	Capacity (ac-ft)	Liner	Notes
Citrus Pit	0.0036	concrete	authorized under WDR 94-302 (replaced the evaporation pond**); will no longer be used for citrus wastewater by January 2022**
Hulling Pond	2.8	gunite	authorized under WDR 92-191; **will be used for pistachio wastewater during harvest; used for Setton & Terra Bella stormwater during non-harvest (after cleaning)**
Treatment & Storage Pond (350 ac. ft. pond)	350	HPDE geosynthetic liner	constructed under 12/2016 RWD; **will not be used for wastewater; may be used for fresh/well irrigation and/or stormwater during non-harvest season**
East Pond	5.2	none	constructed in 2014 (split in 2015 to East/West); **will hold pistachio and citrus wastewater and citrus plant stormwater for short period before discharge to the LAAs**

West Pond	8.5	none	constructed in 2014 (split in 2015 to East/West); **will be used as an emergency pond for wastewater, if needed.**
Padula Pond	10	none	constructed in 2019; **will not be used for wastewater; may be used for fresh/well irrigation and/or stormwater during non-harvest season**

Figure 1-1. Facility Location Map



1.2.3 2021 Pistachio Harvest Season

During and after the 2021 Pistachio Harvest Season that began on August 24 and ended on October 23, 2021, the following operational changes that were proposed in the May 2021 RWD submitted to the Water Board were implemented to help prevent or minimize the occurrence of odors that were detected from the 350 ac. ft. pond during the 2020 season:

- Use of the 350 ac. ft. pond and Padula Pond for process wastewater was discontinued;
- A DAF (dissolved air flotation) system was added to the hulling operation;
- After the harvest season, the gunite-lined pond was cleaned out and the wastewater transfer line to the pond was flushed so as not to contaminate stormwater during the off-season;
- In November, the citrus transfer line to the gunite-lined pond was modified for the citrus washwater to permanently bypass the gunite-lined pond and be discharged directly to the East Pond or apply directly by subsurface irrigation to the LAAs.

For reference, a flowchart of the wastewater collection and distribution during the pistachio harvest is included in **Figure 2-1.**

As indicated above, the 350 ac. ft. pond and the Padula Pond were not used to hold any pistachio or citrus wastewater in 2021. Porterville Citrus started their season approximately 45 days early in 2021 delaying the separation of the citrus washwater transfer line from the pistachio hulling water line. Hence, during the 2021 pistachio harvest season, the citrus washwater continued to be piped to the gunite-lined pond and commingled with the pistachio wastewater prior to discharge to the East or West Pond. The commingled wastewater from the gunite-lined pond was pumped mostly to the East Pond prior to application to the LAAs. The West Pond was used as an emergency overflow pond from the East Pond.

Since the 2021 harvest season, construction of the citrus washwater transfer was completed and citrus washwater can now be directly conveyed to the East Pond or directly to subsurface irrigation of the LAAs (see green line in **Figure 1-1**).

A total of approximately 73 million gallons were applied to the LAAs in 2021; this volume includes the citrus washwater and stormwater. In 2022, the volume of pistachio wastewater and citrus washwater can be more accurately and separately reported since the transfer lines have been separated. Stormwater during the rainy season would not be commingled with the wastewater except for some stormwater from the citrus plant.

In order to monitor the performance of the DAF and the different filtration systems used in the pistachio processing, weekly samples were collected from various points of the wastewater treatment process for analysis of several chemical constituents that include biochemical oxygen demand (BOD_5), total suspended solids (TSS), total dissolved solids (TDS), fixed dissolved solids (FDS) and nitrogen (N). This sampling program was in addition to the sampling and analysis required in the current MRP. Analytical data indicated a significant overall reduction of the above chemical constituents, from the pistachio pit to the final discharge point (the LAAs) was achieved. A summary of the analytical results is included in **Appendix B-1.**

Field testing of the effluent at various points indicated some of the pH levels were below the current lower limit of 6.5. However, they were above the requested pH lower limit of 4.5 in the May 2021 RWD. Several of the DO levels were below 1.0 mg/L and others were generally higher towards the end of the season.

Complaints regarding odors were significantly reduced in 2021. However, the Water Board and the SJVAPCD received some odor complaints coinciding with non-normal or non-routine operating conditions:

- On September 13, 2021, a defective chemical lot was used for the DAF system; this may have allowed higher solids in the wastewater that was discharged to the ponds.
- On September 21, 2021, there was a blow out on the main subsurface irrigation line resulting in a 60' geyser of wastewater spraying into the air. Approximately 80,000 gallons of wastewater were spilled south of the East and West ponds.
- On September 28 and 29, 2021, the backflush pump was tripped, which caused a spill of approximately 10,000 gallons of wastewater by the ponds.
- On October 10, the Setton property between Avenue 88 and Roads 224 and 228 was vandalized; this resulted in flooding of an area that included irrigation block #6.
- November 11, 2021, odors were detected while performing pond cleaning activities at the East and West Ponds.

These incidents were corrected and mitigated immediately upon detection. Further, Setton has an emergency and contingency plan that is updated, as appropriate, to address these types of unforeseen incidents.

2. SOURCES OF WATER

2.1 Sources and Types of Wastewater

Wastewater that is discharged from the facility consists of:

- Pistachio hulling wastewater from the pistachio processing facilities;
- Citrus washwater from the citrus packing facility; and
- Stormwater runoff from both the pistachio and citrus processing sites and adjacent offsite areas of Terra Bella.

No residential or commercial wastewater or domestic wastewater from these facilities is discharged to Setton's process wastewater management system. Domestic wastewater is not discharged to Setton's ponds or land application areas. Domestic wastewater is discharged separately to the Terra Bella Sewer Maintenance District's sewer collection system.

2.1.1 Pistachio Hulling and Processing Wastewater

In-hull pistachios harvested from the field and delivered to the facility are routed through a pre-cleaning stage to remove small twigs, leaves, and other debris. There are four (4) Permit to Operate (PTO) pre-cleaning lines at the existing hulling operation. Next, the pistachios are hulled to prevent the shells from staining and also to prevent the production of aflatoxin, a deadly byproduct of mold. The hulling process uses water supplied by Terra Bella Irrigation District (TBID) to lubricate nuts during hull removal, wash and sort nuts during the floater/sinker process, and washdown the equipment. The hulling wastewater, along with hulls and minor amounts of shells and skins that are removed by the hullers are discharged to a hulling wastewater pit (identified as pistachio pit). From this pit, the wastewater with the solids is screened to separate the solids from the water. Screening is conducted with the use of 3 US Farms sloped screens with 0.015-inch mesh and 3 US Farms sloped screen with 0.010-inch mesh. Each screen has a width of 8' and height of 12' as shown in **Appendix A-4.**

The screened solids are collected and trucked by a licensed transportation company to authorized composting facilities and/or to an animal feed company. The wastewater is pumped into a DAF system for further solids removal. Details of the DAF operation is included in **Section 3.1.1.** The water removed from the DAF system is then sent to the gunite-lined hulling pond for equalization of flow prior to further treatment via filtomatic filters and discharge into the East Pond for land application.

2.1.2 Citrus Packing Wastewater

Porterville Citrus' packing process generates three wastewater streams: flume wash, high pressure wash and water wash. The initial flume wash is chlorinated to eliminate fungi spores and bacteria on the surface of diseased fruits and prevent the contamination of healthy fruit. Sodium bicarbonate is added to the high-pressure wash to control mold growth. The final water wash contains Imazalil which is a fungicide used for postharvest treatment to control storage decay. This fungicide is preferred to other fungicides because its use does not lead to the development of resistant strains of fungi.

In the past and until the end of 2021, the citrus wastewater is first directed into a concrete pit (replacement to the evaporation pond that was authorized in WDR 94-302). From this pit, the wastewater is discharged into another pit then through one US Farms sloped screen with 0.010-inch mesh prior to commingling with pistachio wastewater and stormwater in the gunite-lined hulling pond.

Beginning in 2022 and beyond, the citrus washwater and storm water will no longer go to the gunite-lined hulling pond. Instead, the commingled citrus washwater and stormwater from the citrus plant will be routed through the existing US Farms sloped screen with 0.010-inch mesh then pumped into Setton's secondary back-up pipeline (South pipeline) which flows directly into the East pond or directly into subsurface irrigation. **(Appendices A-2.1 & 2.2).** The citrus packing season is normally October to July; stormwater is generally not expected in July to September.

Each of the individual wastewater streams noted above, the commingled wastewater stream, current/proposed sampling locations and their associated treatment processes are illustrated in the simplified flowcharts shown in **Figures 2-1 and 2-2** below:

Figure 2-1. Harvest Wastewater Flowchart

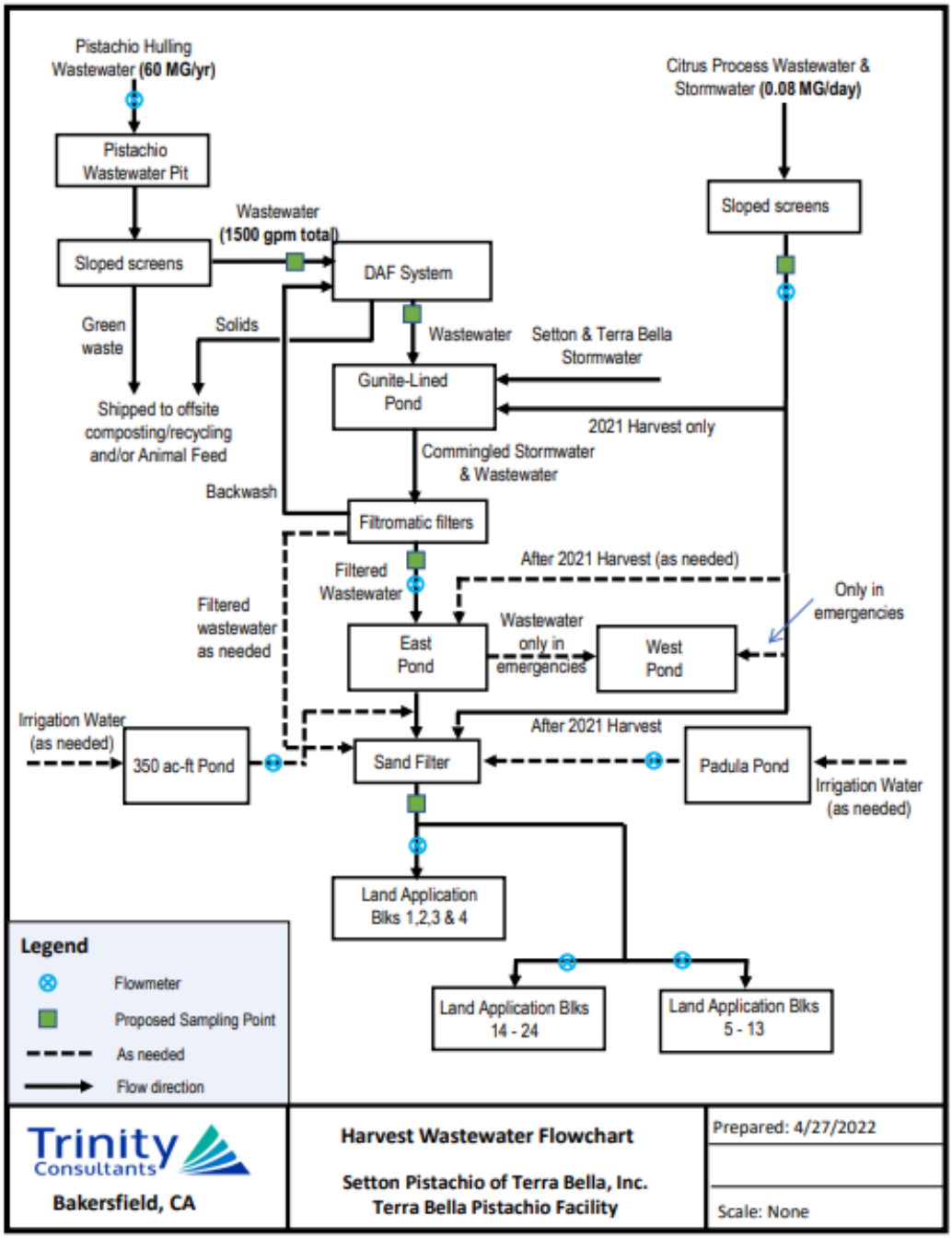
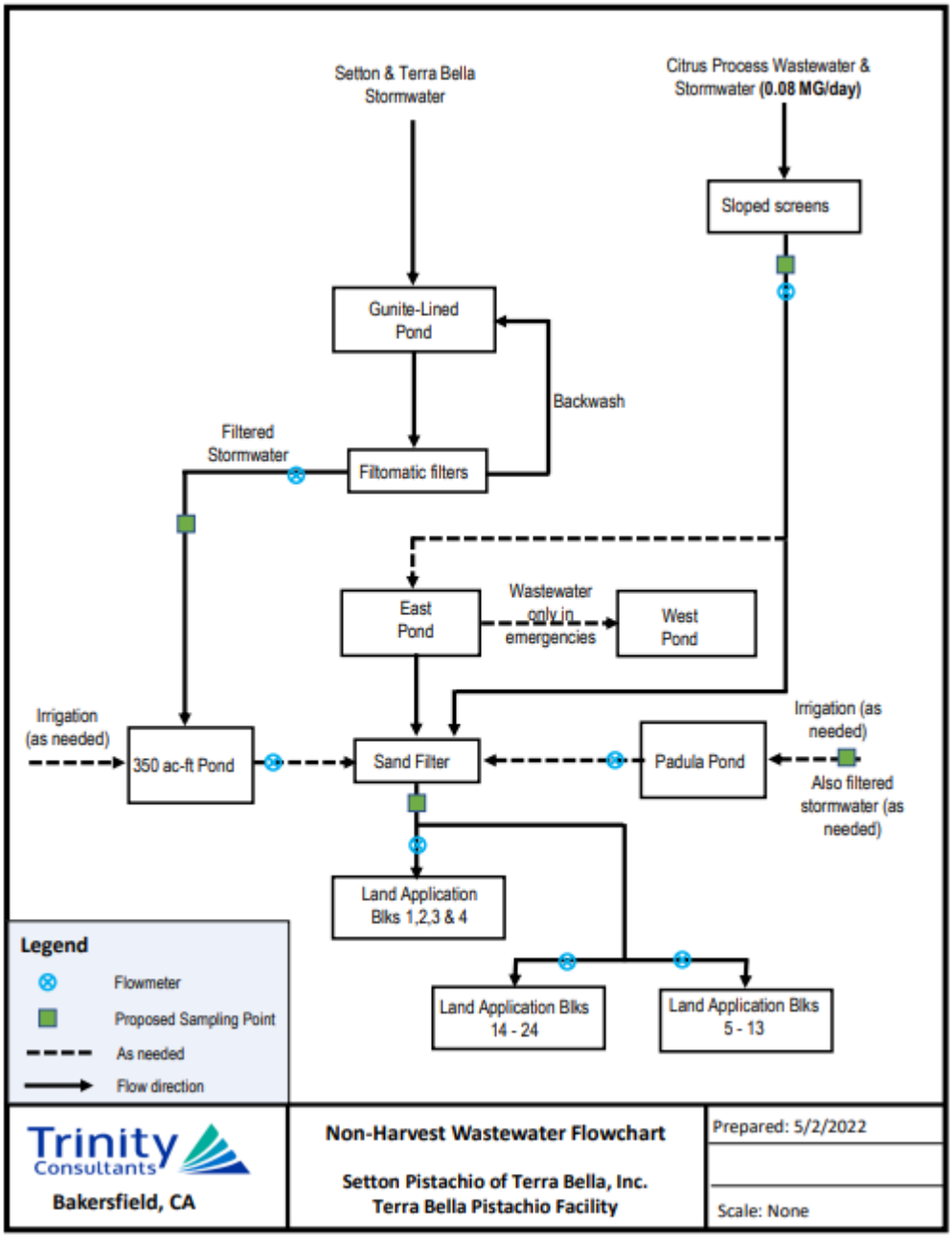


Figure 2-2. Non-Harvest Wastewater Flowchart



2.2 Water Quality

As discussed above, discharge is authorized under WDRs adopted by the RWQCB. The WDRs require extensive monitoring of the source water, wastewater effluent, ponds and land application areas pursuant to the WDR's latest revised Monitoring & Reporting Program (MRP), effective September 18, 2020 (**see Appendix C).**

Source water (SPL-001) is provided by the Terra Bella Irrigation District while supplemental irrigation water (SIW-001) is mainly from irrigation wells. Results of the most recent analysis are summarized in **Table 2-1**.

Table 2-1. Source and Supplemental Irrigation Water Quality

Constituents/Parameters	Units	Test Method	PQL	9/2/2021 2128046 SPL-001	9/2/2021 2128044 SIW-001
Ca (total recoverable)	mg/L	EPA-200.7	0.10	6.5	4.9
Mg (total recoverable)	mg/L	EPA-200.7	0.05	0.92	0.23
Na (total recoverable)	mg/L	EPA-200.7	0.50	89	93
K (total recoverable)	mg O_2/L	EPA-200.7	1.0	3.2	0.73
Bicarbonate Alkalinity as $CaCO_3$	mg/L	SM-2320B	4.1	77	76
Carbonate Alkalinity as $CaCO_3$	mg/L	SM-2320B	4.1	15	11
Total Alkalinity as $CaCO_3$	mg/L	SM-2320B	4.1	91	87
Chloride	mg/L	EPA-300.0	0.50	57	54
Nitrate as N	mg/L	EPA-300.0	0.10	0.87	1.2
Sulfate	mg/L	EPA-300.0	1.00	21	25
Anion/Cation Balance	%	Calc.	0.10	7.5	5.7
Hardness as $CaCO_3$	mg/L	Calc.	0.50	20	13
Total Phosphate	mg/L	EPA-365.4	0.15	0.12	<0.055
Boron (total recoverable)	µg/L	EPA-200.7	100.00	270	230
Iron (total recoverable)	µg/L	EPA-200.7	50.00	3300	<30
Manganese (total recoverable)	µg/L	EPA-200.7	10	260	<4
Total Dissolved Solids @ 180 C	mg/L	SM-2540C	20	270	270
Electrical Conductivity	µmhos/cm	SM-2510B	1.00	428	442
Fixed Dissolved Solids	mg/L	SM-2540E	20	200	200
Total Nitrogen	mg/L	Calc.	0.3	Not tested	1.3
Total Kjeldahl Nitrogen	mg/L	EPA-351.2	0.2	Not tested	0.13

Additional Analysis:				9/17/2021	
				TBID	Kern-Friant Canal
pH	pH units	SW-846 9040B	2.000	8.070	7.630
Dissolved Oxygen	mg/L	SM-4500	1.0	9.0	9.1
Electrical Conductivity	µmhos/cm	SM-2510B	10	130	46

SPL-001 = source water (TBID) and SIW-001 = irrigation well water

MDL = minimum detection limits vary; available in the laboratory reports that are kept by the facility for at least 3 years.

PQL = practical quantitation limits may also vary; available in the laboratory reports that are kept at the facility for at least 3 years. Analysis by BC Laboratories except the additional analysis which is done by Zalco Laboratories.

A summary of the wastewater quality is shown in **Table 2-2.** Wastewater samples are collected at various points in the system but only the results of samples collected from the gunite-lined pond after filtration are included in the table. They represent the quality of water going into the East and/or West Pond.

Table 2-2. Wastewater Quality

Constituents/Parameters	Units	9/6/2021 2109042-05 [1] EFF-005	9/13/2021 2109115-05 [1] EFF-005	9/16/2021 54638301 [2] EFF-005	9/16/2021 54637601 [2] EFF-005	9/20/2021 2109178-05 [1] EFF-005	9/27/2021 2109224-05 [1] EFF-005
Ca (total recoverable)	mg/L			65.4			
Mg (total recoverable)	mg/L			27.4			
Na (total recoverable)	mg/L			73.2			
K (total recoverable)	mg O_2/L			1580			
Bicarbonate Alkalinity as $CaCO_3$	mg/L			1020			
Carbonate Alkalinity as $CaCO_3$	mg/L			<1			
Total Alkalinity as $CaCO_3$	mg/L			1020			
Chloride	mg/L			110			
Nitrate as N	mg/L	1.0	<1.5	1.2	<0.8	5.6	<0.10
Sulfate	mg/L			84			
Anion/Cation Balance	%			25.8/49.1			
Hardness as $CaCO_3$	mg/L			276			
Total Phosphate	mg/L			21.3			
Boron (total recoverable)	µg/L			618			
Iron (total recoverable)	µg/L			3100			
Manganese (total recoverable)	µg/L			227			
Total Dissolved Solids @ 180 C	mg/L	6810	7940		8400	5600	5620
Fixed Dissolved Solids	mg/L	5900	4900		3400	3700	3300
Total Suspended Solids (glass fiber)	mg/L	2100	1600		1300	4800	440
Total Nitrogen	mg/L	504	400		280	450	450
Total Kjeldahl Nitrogen	mg/L	470	390		280	450	450
Ammonia as N	mg/L	33.4	57.5		4	16.4	86.7
Nitrite as N	mg/L	<1.5	<1.5		<0.6	<1.5	<0.15
Biochemical Oxygen Demand	mg/L	5200	5900		8300	5600	2600

EFF-005: Commingled wastewater discharged from the gunite-lined pond after filtration

[1] Analysis performed by Zalco Laboratories in Bakersfield, CA.

[2] Analysis performed by IEH-JL Laboratories in California.

3. ODOR CONTROL MEASURES

The production and release of offensive odors as well as their control is influenced by numerous abiotic (non-living) and biotic (living) factors. Abiotic factors include chemical factors, *e.g.*, DO, NO_3^-, $S^=$ and $SO_4^=$ and physical factors, *e.g.,* atmospheric inversions and temperature. Biotic factors include the groups of bacteria present in the wastewater and their mode of respiration, *i.e.*, the molecule that is used as the final electron acceptor for the degradation of organic compounds that make-up the carbonaceous, biochemical oxygen demand (cBOD) of the wastewater. There are numerous complex interactions between abiotic and biotic factors, and these interactions may or may not produce offensive odorous compounds (Gerardi & Associates, 2/22). See **Appendix B-3.**

In cases where these complex interactions result in odors, the following engineering control measures have or will be implemented to mitigate the odor concerns.

In the past, Setton had employed several operational measures to control the production and release of odorous compounds from ponds. These measures, which fall under these primary categories, can be applied for the East and West ponds with some modifications.

- Solids Removal (by Dissolved Air Flotation and Filtration)
- Aeration
- Chemical Treatment

The following measures, as discussed also in this section, have been or will be implemented in conjunction with the above measures to help in the control of any odors and increase the DO levels in the East and West ponds when used for pistachio wastewater.

- Wastewater Stream Segregation
- Land Application System
- Monitoring Program
- Pond Cleaning
- Pistachio Solid Waste Management

3.1 Solids Removal

Removal of solids from all the wastewater streams before entering the ponds is an essential step to reduce the organic load, which are the precursors of odorous compounds. According to Michael Gerardi, a consulting wastewater biologist with Michael Gerardi & Associates, LLC, pistachio wastewaters contain insoluble carbonaceous BOD (cBOD) that should be removed as they will be hydrolyzed (solubilized) over time to increase the soluble cBOD loading in the ponds. Only soluble cBOD, i.e., substrates that are simplistic in structure and are easily absorbed by the cell can be degraded by bacteria. Insoluble cBOD of concern consists of particulate matter (starches), colloidal material (proteins) and lipids (fats & oils). (Gerardi & Associates, 2/21). **See Appendix B-3.**

Following the hulling process, the pistachio nuts are screened to separate the solids from the hulling water. see **Figure 1-2**. Additional solids which consist of the insoluble cBOD can be removed by solids removal technologies such as a Dissolved Air Flotation System and filtration systems.

3.1.1 Dissolved Air Flotation System (DAF)

Setton has designed and engineered its wastewater treatment operation to maximize solids removal based on the correlation between solids removal efficiency and odor reduction; the higher the percentage of organic solids separated from the water stream, the less source material remains in the wastewater to breakdown and generate odors. After carefully evaluating a variety of chemical, biological & physical solids reduction alternatives, a multi-step filtration and specialized solids separation technology were selected.

In October 2020, Setton with ChemTreat experimented with a small scale (450 gpm) Dissolved Air Flotation system, a specialized solids removal equipment using flocculation and coagulation techniques at the Terra Bella facility. Operation of this system resulted in the successful removal of 91.44% of the Total Suspended Solids (TSS) from the wastewater stream. This allowed direct land application of the DAF treated wastewater without clogging the irrigation system. The study further evaluated the process and equipment performance based on particle size of the TSS removed. The influent wastewater at the time appeared to have a higher-than-expected percentage of particles 5 micron (µm) and below to 5 microns (≤ 5 µm). Although the treatment system's goal was to remove particles larger than 5 µm, removal of smaller particles was also achieved. After treatment, 99% of the 2 to 50 µm size particles were removed.

Information provided by ChemTreat on studies at other facilities indicated a BOD reduction of 12% can be expected of wastewater that is treated by a DAF system. Other chemical constituents can also be reduced as shown in the study conducted in 2020 at the Setton facility (**Appendix B-4).** With the reduction of the insoluble BOD by the DAF system and implementation of additional measures to prevent/minimize the formation of soluble BOD and/or its degradation in the receiving pond, the overall BOD in the wastewater is expected to be lowered from the initial BOD concentration. Based on these positive results and information, Setton added a DAF system with a higher flow rate capacity to their hulling operation for the 2021 season.

DAF System Operation:

The DAF system is designed to remove total suspended solids (TSS), biochemical oxygen demand (BOD), and oil and grease (O&G) from a wastewater stream. DAF is a water treatment process that clarifies wastewaters by the removal of suspended matter by dissolving air in the water or wastewater under pressure and then releasing the air at atmospheric pressure in a flotation tank basin utilizing coagulants and flocculation methods to improve particle removal. The released air forms tiny bubbles which adhere to the suspended matter causing the suspended matter to float to the surface of the water where it may then be removed by a skimming device.

The floated solids are skimmed away in the flotation cell, de-watered and directed towards the solids handling conveyance. Chemicals that aid in the coagulation and flocculation processes are added using automatic feeders at a concentration starting at 0.15 ppm. This feed rate can be increased as needed depending on the wastewater stream. The coagulant chemical targets colloids in the waste stream. Colloids are very small particles that are kept in suspension due to the slight electrostatic charges that they carry. Because of the presence of "like" charges, colloidal particles push each other apart and avoid collision. The coagulant chemical neutralizes the effects of the colloidal charges so the particles can collide and stick together forming larger and heavier particles called flocs. Flocculation is the gentle stirring of the water after the addition of the coagulant to aid in the removal of the flocs.

DAF Operation at the Terra Bella Facility:

A larger scale DAF system was operated at the Setton facility during the 2021 hulling season. The system that was installed was designed to have an influent flow rate of up to 1400 gallons per minute (gpm);

however, the solids removal efficiency was optimal at an influent flow rate of up to 1000 gpm during peak operation. Photographs of the DAF system installed at the facility are included in **Appendix A-6.** The 1000 gpm flow rate is approximately 2.2 times the flow rate in the trial study conducted in 2020. Pre-treated wastewater from the initial screening, using narrower wedge-wire screens was fed into the DAF system. The DAF treated water was pumped into the gunite-lined pond, then the water was filtered before being conveyed to the East Pond or when needed to the West Pond for subsequent conveyance to the LAAs.

The coagulant used was ChemTreat P891PG and the flocculant was ChemTreat P817E. These chemicals which were supplied by ChemTreat, were the same as those that were used in the 2020 trial study. The SDS of these chemicals are available for review, if needed.

During the 2021 harvest, performance of the DAF was monitored by collecting weekly samples from various points of the wastewater treatment process for analysis of several constituents that include BOD_5, TSS, TDS, FDS and nitrogen. This sampling program was in addition to the sampling and analysis required in the current MRP.

Based on the laboratory data, the % reduction of the TSS and other constituents are included in the table below:

Table 3-1: Reduction of COCs by DAF System

Chemical Constituents	% Reduction Range	% Average Reduction
BOD	40.91 to 81.32	58.95
Total Dissolved Solids	-31.32 to 82.69	17.03
Total Kjeldahl Nitrogen	0 to 93.75	49.84
Total Nitrogen	0 to 93.75	49.26
Total Suspended Solids	88.82 to 99.	94.93
Fixed Dissolved Solids	-9.62 to 79.55	17.84

% Reduction from the Pistachio Pit (2021 Harvest Season for 7 weekly samples)

The above reduction was calculated from analysis of samples from the pistachio pits and the DAF. The overall reduction, from the pistachio pits to the final discharge points, was also calculated and the results indicate an average reduction of 64% reduction for BOD_5 and 96% for the TSS. See **Appendix B-1.**

Implementation:

As the reduction in all the chemicals of concern from the pistachio pits to the DAF and to final discharge point (LAAs) was significant, Setton plans to continue to utilize the DAF system for additional solids removal to help reduce the potential for generation of odorous compounds. Setton will install an additional DAF unit for the 2022 harvest season to help balance the wastewater treatment load. The future use or installation of a DAF to the existing and new hullers will be as described below:

The existing western huller which is served by Pits 1 to 4 will be connected to the existing DAF system that can process wastewater effectively up to 1000 gpm. The new eastern huller which is served by Pits 5-6 will be connected to the new DAF system that is designed to process wastewater up to 700 gpm. The expected optimum solids removal efficiency of this unit is at an influent rate of 500 gpm. Hence, both DAF units can

process at a total influent rate of 1500 gpm. In the event that either DAF system is down for maintenance, then the corresponding huller connected to the down DAF system will not operate. In other words, Setton will control the amount of pistachio to be processed to correspond with the capacity of the DAF. This will ensure that all the wastewater will pass through the DAF system for solids removal.

In 2022, as indicated above, both DAFs are expected to process the pistachio wastewater at a total influent flow rate of up to 1500 gpm (1000 gpm for the western huller and 500 gpm for the eastern huller) during peak operation. Both systems can run up to 24 hours per day during the peak season. At the total maximum rate of 1500 gpm, a maximum of 90,000 gallons in an hour, 180,000 gallons in 2 hours, and 2,160,000 gallons in a day of wastewater can be processed. This daily flow rate will occur only during peak season; Setton will still meet their annual flow limit of 60 million gallons.

The reduction of the major constituents of concern (BOD and TSS) is expected to be similar to that of 2021 (see **Table 3.1**). With the separation of the citrus transfer line from the gunite-lined pond, the overall reduction of BOD and TSS in pistachio wastewater system is expected to improve. It will be evaluated again during this year's harvest season. To avoid issues with the chemical supply in the future, Setton will include a step "checking chemical supply quality and quantity" in their pre-harvest "to do checklist". To ensure proper and optimum operation of the system, a ChemTreat representative will continue to monitor equipment operating parameters, chemical feed rates, and the quality of the influent and effluent, specifically TSS. Setton and a ChemTreat representative will also ensure that needed chemicals are on-site at all times during harvest.

3.1.2 Filtration

Filtration is another effective method to remove solids from all waste streams entering the pond and ultimately discharged for beneficial uses such as crop irrigation. At Setton, filtration using various filtering equipment are employed at multiple stages of the wastewater collection and treatment process. Filtration helps to reduce the organic load further.

The existing wastewater system at the facility has three filtration processes to remove solids from the wastewater. The first step is a set of parabolic screens that removes solids upstream of the DAF system and the gunite-lined pond. The first screen removes solids down to 2400 microns and the second screen removes solids down to 800 microns. The parabolic screens have been upgraded for the 2020 hulling season to remove more solids. Currently, from the pistachio pit, the wastewater with solids is screened with the use of 3 US Farms sloped screens with 0.015-inch mesh and 3 US Farms sloped screen with 0.010-inch mesh. Each screen has a width of 8' and height of 12' as shown in **Appendix A-3.**

The wastewater is next pumped into the DAF system for further solids removal. From the DAF system, the wastewater stream goes into the gunite-lined pond from where the wastewater is pumped to 3 Amiad Filter at 300 wedge wire and 3 sets of Filtomatic filters at 500-micron mesh and 3 sets of Filtomatic filters at 300-micron mesh as shown in **Appendix A-4.** The filtered solids are back flushed to another concrete pit and pumped through the DAF system again to further remove suspended solids. The Filtomatics - filtered wastewater is then routed to the East Pond for a short period prior to entering sand filtration and then the sub-surface irrigation system for land application.

More specifically, before entering the subsurface irrigation system, the wastewater is filtered again in recently installed sand filters to remove the finer solids to a size suitable for high-efficiency drip irrigation. A photograph of the sand filters is included in **Appendix A-4.**

The effectiveness of filtration is determined by the absence of equipment malfunctions due to plugging. Continuous operation of each filtration system is the desired metric to ensure effectiveness. It should be noted though that as shown in **Appendix B-1**, the current filtration systems appeared effective in reducing specifically the TSS.

Implementation:

Setton's hulling operation currently includes various types of filtration systems at multiple points in the wastewater collection and distribution operation. Setton will continue to operate with their current filtration systems.

3.2 Aeration

Aeration provides dissolved oxygen (DO) to the water to support the biological and chemical oxidation of odorous compounds and precursors of odorous compounds. Surface aeration is used in pond treatment systems because it generally creates the maximum possible mixing and a high level of oxygen transfer. The transfer rate of atmospheric oxygen is dependent on several factors such as the amount of turbulence in the water, quality of the water, temperature, pond depth and the surface area of the pond. The oxygen transfer rates are higher with increase in the salinity of the water due to the creation of a larger number of bubbles in saline water as compared to fresh water (Fast, et, al., 1999). A deeper (>10') and/or smaller surface area pond could potentially increase the likelihood of thermal stratification without mixing (USDA, 2011). To facilitate the oxygen transfer and increase circulation to prevent stagnant and oxygen-depleted zones, some form of agitation is needed.

Typically, it is important to maintain an appropriate level of DO to maintain aerobic bacteria respiration as this helps prevent the production of offensive odor especially if nitrate (NO_3^-) is not present. DO concentrations of at least 80% of their saturation levels or ≥1 mg/L are considered to be "healthy" and can support a diverse population of living organisms.

During the 2021 harvest season, one Pentair Model PW333 paddle wheel aerator was used to supply and continuously replace the oxygen consumed by the bacteria in the East Pond. This model has 8 paddles that are powered by a 3-hp, 3-phase motor. The wheel (paddle) has a diameter of 25.75" and width of 7.5". The aerator has a rotational speed of 1710 rpm and a Standard Aeration Efficiency (SAE) of 4.1 according to the manufacturer. The paddle wheel aerator operates such that the rotating paddles turn a certain speed and scoop the water into the air, breaking the water droplets into a fine mist and combining them with air to facilitate high levels of oxygen transfer. Photographs of this paddle wheel aerator in the pond are included in **Appendix A-5.**

During the 2021 harvest season, treated wastewater from the gunite-lined pond was discharged mainly to the East Pond. Pursuant to the MRP, the DO of wastewater effluent from the citrus pit, pistachio wastewater pit, gunite-lined pond and wastewater in the East Pond and West Pond were monitored. Monitoring data showed DO levels below the RWQCB's specified limit of 1.0 mg/L in the effluents and ponds; however, no offensive odors were observed except as stated in **Section 1.2.3** above**.**

2.2.1 DO and Odor Production

According to Mr. Gerardi, if DO is less than 1 mg/l or absent but nitrate is present, odor production cannot occur and nitrate can be used biologically and chemically to control the odor. Further, in order for offensive odor to occur, one of the four critical requirements is the absence of DO and nitrate. The other three

requirements include: presence of soluble cBOD; presence of sulfate and/or soluble cBOD; and presence of sulfur reducing bacteria and/or fermentation bacteria. Testing of soluble cBOD was performed towards the end of the season. The results indicated higher concentrations than the total cBOD which the laboratory attributed to interference from high solids in the samples (for the total cBOD analysis). Since no odors were detected when the operation was running normally during the 2021 season, the low DO concentration did not appear to cause production of offensive odors. Soluble cBOD may also have not been produced through hydrolysis of insoluble BOD due to short retention time (2 hours or less), or any hydrolyzed insoluble cBOD may have degraded and available nitrate present was used biologically to control the odors. Therefore, detention time in the ponds needs to be kept to 2 hours or less to prevent or minimize the hydrolysis of insoluble cBOD.

For the 2022 harvest and beyond, the existing aerator will continue to be used at the East Pond. A similar aerator will be used at the West Pond if the pond will be used to hold wastewater. Regardless of the presence of nitrates in the pond, Setton will implement one or more of the following measures to keep the DO levels at or above 1.0 mg/L:

- Keep detention time of the wastewater in the pond to 2 hours or less;
- Increase aeration with additional portable aeration equipment, most likely two additional paddle wheel aerator in the East Pond, and one in the West Pond (if used to hold wastewater) and;
- Add oxidizer such as hydrogen peroxide, if needed.

Implementation:

Detention Time: To ensure that wastewater detention time in the pond is 2 hours or less, Setton will pump water out of the pond at an appropriate flow rate, as calculated below. Setton has two pumps dedicated to transfer wastewater from the Plant to the East and West Ponds (if used), each of which can pump up to 1200 gpm for a total of 2400 gpm. Setton has two other pumps used to discharge water out of the pond with each capable of pumping up to 2000 gpm for a total of 4000 gpm. When running at these flow rates, theoretically the wastewater going into the pond(s) can be removed out of the pond(s) with minimal detention time.

To demonstrate how to keep the detention time to 2 hours or less, the following equation was used:

$$DT = V \div FR$$

Where: DT = detention time
V = volume of water in the pond
FR = flow rate

Table 3-2 below shows the calculated pump rates (Flow rates in gpm) that will be used to pump out wastewater to keep the detention time at 2 hours or less. As shown, a detention time of 2 hours is achievable under normal operating conditions using Setton's existing pumps. If the West Pond is used, the outgoing pump rate will also be adjusted to meet the maximum 2-hour detention time.

Table 3-2: Wastewater Detention Time and Flowrates

Flow rate (gpm)	Volume (gal)	DT (hr)
1,500	90,000	1
750	90,000	2

3,000	180,000	1
1,500	180,000	2

Assumptions:

1. Initially, the pond will be empty.
2. At maximum inlet flow of 1500 gpm, pond volume will be 90,000 gal in an hour and 180,000 gal in 2 hours.

Additional Aerator: Aeration at the East Pond was provided with a paddle wheel aerator during the 2021 season. An aerator will also be used at the West Pond in 2022 and beyond when the pond is in wastewater service. Three new aerators have been purchased for use in the ponds for additional supply of oxygen. If needed, additional aerators of the same or similar type could be procured. Operation of the aerators will be as continuous as the pond depth allows in order to continually replenish the oxygen used up by the degradation of any soluble cBOD and to maintain a DO of at least 1.0 mg/L.

Projected Dissolved Oxygen in the Pond: Oxygen in the pond will be supplied by mechanical aerators (paddle wheel as described above) and by chemical addition (hydrogen peroxide).

1. Oxygen from the Aerator: Dissolved oxygen in the pond will be supplied or maintained with the use of mechanical aerators as described above. The projected amount of oxygen supplied by the existing paddle wheel aerator is estimated as follows:

Lb O_2 = SAE x hp-hr

Where: SAE = 4.1 (Standard Aeration Efficiency from manufacturer)
Hp = 3 per unit (manufacturer)
Hr = 2 hrs (approximate detention time in the pond)

Lb O_2 = 4.1 x 3 x 2 = 24.6 lb O_2 per unit

2. Oxygen from Chemical Addition (Hydrogen Peroxide, H_2O_2): The addition of H_2O_2 can be used to increase the concentration of dissolved oxygen in water, although not preferred over the use of mechanical aerators due in part to the cost. However, if needed, a 50% hydrogen peroxide will be used at the East Pond and/or West Pond. In addition to increasing the DO, hydrogen peroxide is also beneficial as an oxygen scavenger in the presence of sulfides (see Section 2.3 below).

To estimate the amount of oxygen that can theoretically be provided by the addition of H_2O_2, the following equations are used based on the decomposition of hydrogen peroxide to water and oxygen:

$$2H_2O_2 \longrightarrow 2H_2O + O_2$$
$$100\% \longrightarrow 52.96\% + 47.04\%$$

If a 50% solution of H_2O_2 is used, the maximum amount of oxygen formed in pounds per gallon is estimated as follows:

$$O_2\,\% = 50\% \times 47.04\% = 23.52\%$$

$$O_2\,\frac{lb}{gal} = 10.01\,\frac{lb}{gal}\left(H_2O_2\right) \times 23.5\% O_2 = 2.4\,\frac{lb\ O_2}{gal}$$

Oxygen for $cBOD_{2\text{-}hr}$ Degradation: To determine the pounds of oxygen needed to degrade any soluble cBOD in the pond within the detention time, the following equation can be used:

Lb O2 required = flow (MG) x $cBOD_{2\text{-}hr}$, mg/L x 8.34 lbs./gallon x 1.5 lbs. O2/lbs. cBOD degraded

Where: Flow = 0.18 MG (maximum flow for 2 hours)
cBOD (2-hr) = calculated below in the absence of actual test data
1.5 lb O2/lb cBOD = factor from https://www.wastewaterelearning.com/elearning [2]
8.34 lb/gal = conversion factor

$cBOD_{2\text{-}hr} = L_{5\text{-}hr}\,(1 - 1/e^{kt})$; assuming first order reaction

where: $L_{5\text{-}hr}$ = $cBOD_5$ (assumed 4366 mg/L based on the DAF analysis in 2021 in the absence of actual soluble data - due to analytical/laboratory related issues)
k = 0.23/day [3]
t = 2 hr (0.083 day)

$cBOD_{2\text{-}hr}$ = 81.4 mg/L * (0.5) = 40.7 mg/L; assuming not all the cBOD will be degraded (50%)

Therefore, Lb O2 required = 92 lb for 0.18 million gallons for 2 hours

Oxygen in the Transfer Pipe: The transfer pipe is approximately a mile long and has a diameter of 15 inches. The DO sag is typically calculated using the Streeter-Phelps equation. During the transfer of wastewater, the pipe will not be completely full resulting in atmospheric conditions within the pipe. Therefore, the oxygenation and deoxygenation constants can be somewhat equal. This factor coupled with relatively short time period for the flow of the wastewater through the pipe should minimize the DO sag.

Residual Oxygen in the Pond: Theoretically, a residual dissolved oxygen in the pond over 1.0 mg/l can be achieved by using a combination of supplemental oxygen from mechanical aerators and chemical addition, as shown in **Table 3-3.**

Table 3-3: Residual Dissolved Oxygen in the Pond

O_2 Supplied							O_2 Required	O_2 Residual	
Aerators			50% H_2O_2			Total lb O_2			
Lb/aerator	No. of aerator	lb/total aerators	gal	lb O_2/gal	Lb/total gal		lb	lb	mg/L
24.6	2	49.2	20	2.4	48	97.2	92	5.55	3.7

[2] What is the difference in BOD, BOD5, c-BOD and n-BOD. https://www.wastewaterelearning.com/elearning

[3] Modeling BOD as a first order reaction. https://uap-bd.edu/ce/nehreen/Lecture%204_CE%20433.pdf

24.6	3	73.8	10	2.4	24	97.8	92	6.15	4.1
24.6	4	98.4	0	2.4	0	98.4	92	6.75	4.5

mg/L O_2 conversion was based on 0.18 million gallons (2 hour flow)

The aeration treatment process has many variables, such as the composition of the wastewater, that need to be verified in order to determine the amount of oxygen needed during the actual operation of the Plant. When pistachio harvest season starts, the following tests will be performed on the wastewater after the DAF units: BOD_5, cBOD and soluble cBOD, 2-hour soluble cBOD and nBOD. The information from these tests will be used to confirm the estimated theoretical DO to be supplied and make appropriate adjustments in order to be in compliance. The sulfide concentration of the wastewater will also be analyzed. Additional field measurements of the pH and DO will be conducted in order to ensure that a DO of at least 1.0 mg/L will be maintained and the pH will be within the acceptable range for optimum operation.

3.3 Chemical Treatment

The chemical composition of pistachio nuts includes a significant quantity of fatty acids, including oleic acid, palmitic acid, linoleic acid as well as the sulfur–containing amino acid cysteine. These chemicals serve as precursors of odorous compounds and lower the pH to <5 Standard units. The fatty acids that are volatile and offensive in odor are released as vapors to the atmosphere. The fatty acids and the biological oxidation of an oxygen scavenger lower the pH.

Sulfide (HS^-) is the suspected oxygen scavenger based on a laboratory experiment performed for Setton in November 2021, and the increased sulfate concentration in the pistachio wastewater during the hulling season. The experiment consisted of soaking pistachio nuts (whole and peeled nuts) in distilled water and then testing the DO, sulfide and sulfite of the water. Only a slight decrease in DO was observed; however, it was suspected that a larger sample would have resulted also in a higher DO reduction. Results of the study is included in **Appendix B-2.**

At pH values <7.0, odorous compounds such as hydrogen sulfide are converted from dissolved compounds to gaseous compounds. However, if the gaseous compounds contact wastewater that contains DO and/or nitrate, the gases are oxidized biologically and chemically to non-odorous compounds. As pH values decrease, bacterial oxidation continues and sulfide is oxidized in the presence of DO to sulfate and then sulfuric acid. The production of sulfuric acid lowers pH and destroys alkalinity. Sulfate does not lower pH or destroy alkalinity. Adjustment of pH via alkali chemical addition to a suggested range of pH values from 6.5 and 8.4 can control odors in wastewater containing DO and/or nitrate.[4] Also note that there are numerous sulfur-oxidizing bacteria that produce sulfuric acid in a pH environment as low as 1.5.

It should also be noted that at pH values >8.4 odors may result from the conversion of dissolved ammonium (NH_4^+) to gaseous ammonia (NH_3). Therefore, monitoring pH is important to ensure that pH adjustment does not result in a pH value of >8.4.

Under the current MRP, pH monitoring of all the ponds and wastewater effluent except the pistachio pit is required on a weekly basis. Monitoring data during the 2021 season indicated the pH to be consistently in the pH 5 to 6 range. Several DO measurements of the pistachio wastewater were below 1.0 mg/L starting at the pistachio pit up to the East and West ponds.

[4] Email communication from Michael Gerardi, Michael Gerardi & Associates to Jeff Gibbons, Setton Pistachio of Terra Bella, October 18, 2019.

The impact of the sulfide or similar oxygen scavenger can be controlled via chlorination of the wastewater. Chlorination with sodium hypochlorite ($NaClO_2$) would oxidize sulfide to elemental sulfur.

Although chlorination would be beneficial, the quantity of sodium hypochlorite needed to oxidize sulfide may be nine times the quantity of sulfide to be oxidized. The formation of NaCl may also not be acceptable for agricultural purposes. Therefore, chlorination will not be used. See **Appendix B-3**.

Since chlorination does not seem a viable option, other alternate oxidizers that can be used, if needed, are ozone or potassium permanganate ($KMnO_4$) or hydrogen peroxide (H_2O_2). Ozone (O_3) is a very strong oxidizer and disinfectant. Although ozone (O_3) is more soluble in wastewater than oxygen (O_2) and releases oxygen to the waste stream, turbulence in the waste can release excess ozone and oxygen to the atmosphere. In addition, ozone must be generated on-site and is costly.

Potassium permanganate is a relatively strong oxidizer and disinfectant; however, it is also expensive and causes discoloration of the waste stream. In addition, depending on the pH of the waste stream, the oxidation of sulfide with $KMnO_4$ results in the production of several other compounds.

Hydrogen peroxide was previously used successfully at the 350 ac. ft. pond so this would be the oxidizer to use. Hydrogen peroxide lowers the pH, but a 50% hydrogen peroxide has a pH of approximately 4.5 so it can be used with careful consideration of the wastewater pH. Hydrogen sulfide may be oxidized to elemental sulfur at an acidic pH or sulfate at an alkaline pH as shown in the following chemical equations:

$$H_2S + H_2O_2 \text{ --- acid pH---} > S^0 + 2\ H_2O$$

$$HS^- + 4\ H_2O_2 \text{ --- alkaline pH ---} > SO_4^{2-} + 4\ H_2O + H^+$$

If the pH is expected to go below the lower limit of 4.5 that was proposed in the May 2021 RWD, some type of neutralization such as by the addition of hydrated lime, magnesium oxide, sodium hydroxide or caustic soda beads would be conducted. In 2021, the pH measurements were all above 4.5 and below 8.4 without any chemical addition.

Implementation:

This year and in the future, Setton will have all the potentially needed chemicals in stock during the harvest season. A 50% hydrogen peroxide solution is the choice of oxidizer that could also add supplemental oxygen needed to degrade soluble cBOD. It will be added to the pond only if the DO of the water still falls below 1.0 mg/L even with aeration, and also if it was determined from analysis that sulfide is present. The amount of 50% hydrogen to be added will be based on the concentration of the sulfide in the water and the need to raise or maintain the DO level to at least 1.0 mg/L. The amount of H_2O_2 required if needed to raise the DO is shown in Section 2.3. When adding H_2O_2, the pH will be monitored to ensure that the pH will not go below the requested lower limit of 4.5.

3.4 Wastewater Stream Segregation

Setton had modified their water transfer pipeline connections right after the 2021 pistachio harvest. This modification is for Setton to be able to direct the flow better within their water distribution system and separate the various water streams. With this modification, the flow changes are:

- During pistachio non-harvest season, stormwater from the pistachio plant and the community of Terra Bella will no longer be commingled with any pistachio or citrus wastewater. Stormwater will still go to the gunite-lined pond following cleaning of the pond and pipeline flushing, then pumped to either the Padula pond or the 350 ac. ft. pond.

- Citrus washwater and stormwater from the citrus plant would flow directly into Setton's subsurface irrigation system year-round under normal operating conditions. If there are any issues such as line leaks or pump breaks, the wastewater will go to the East Pond. During pistachio harvest season, the citrus washwater will not be commingled with any pistachio wastewater at the pistachio plant under normal operating conditions.

- With these modifications, the volume of wastewater that is held in the East Pond will be reduced since the bulk of the stormwater will not be blended with any process wastewater in the East Pond. In addition, the citrus washwater will bypass the ponds and be applied directly to the LAAs. Annual stormwater from the Pistachio Plant and some areas of Terra Bella was estimated to be 9.43 million gallons and 26.26 million gallons during an average year and 100-yr precipitation, respectively. Stormwater will be directed and held temporarily at the 350 ac. ft. pond or the Padula Pond during non-harvest season. During the pistachio harvest, stormwater is expected to be zero or very minimal.

Note: As indicated above, the Padula and the 350 ac. ft. pond have not been used to store any process wastewater since the end of the 2020 harvest season and will not be used again for any wastewater storage and treatment. The reduced wastewater volume should alleviate concerns of generating more wastewater.

Implementation:

Transfer line modification has been completed; subsurface irrigation system has been installed to all the LAAs since 2020.

As indicated above, the citrus washwater will bypass the East Pond and be applied directly to the LAAs year-round under normal operating conditions. The pistachio wastewater will go to the East Pond first; however, some can also bypass the pond, as needed. The citrus and pistachio wastewater streams have separate lines and can be applied to different LAAs simultaneously.

The BOD_5 loading rates for the wastewater streams during the pistachio harvest season are expected to meet the generally accepted BOD_5 daily cycle average of 100 mg/L as demonstrated in **Tables 3-4 and 3-5 below**:

Table 3-4: BOD Loading Rate from Citrus Washwater

		LAA	WW Applied		Rest	BOD_5	Max BOD_5	Cycle BOD_5
Crops	Block #	Acres	MG/day	inches	Days	mg/L	lb/ac/day	lb/ac/day
Pistachio-12A	12	15	0.08	0.20	4	1964	87	22
Pistachio-12B	12	15	0.08	0.20	4	1964	87	29
Citrus - 6A	6	20	0.08	0.15	4	1964	66	22
Citrus - 6B	6	20	0.08	0.15	4	1964	66	22

Assumptions:

1. Citrus normal processing season is October to July and pistachio harvest season is August to October (assume

August 25 to October 15).

2. Total citrus washwater in October is approx. 1.2 million gallons (MG) based on their daily limit of 0.08 MG. (Note: this is conservative as Porterville Citrus has been reducing their washwater discharge to approximately 0.08 MG per week). No discharge in August (off-season).
3. Citrus wastewater will be applied directly to subsurface irrigation to Block 12 pistachio orchard (30 acres) and/or to Block 6 citrus orchard (40 acres), depending on the volume of available water.
4. BOD concentration is the average BOD concentration of the citrus pit effluent (EFF-001) from January 2021 to February 2022.

The maximum and daily cycle average BOD during the pistachio season is as shown in **Table 3-5** based on assumed daily flow rates. All other assumptions are at the end of the table.

Table 3-5: BOD Loading Rate from Pistachio Wastewater

` Pistachio Harvest								Projected BOD		
Mon	Day	Hulling Day	Crops	Irr. Block No.	Acres	Rest Days	Wastewater to LAA	BOD conc mg/L	Max BOD loading in lb/ac/day	Cycle BOD loading in lb/ac/day
Aug	25	1	Pist-Wheat	9	38	18	0.30	2800	184	10
	26	2	Pist-Wheat	10	35	18	0.30	2800	200	11
	27	3	Pist-Wheat	11	34	18	0.50	2800	344	19
	28	4	Pist-Wheat	13	40	18	0.50	2800	292	16
	29	5	Pist-Wheat	14	40	18	1.00	2800	584	32
	30	6	Pist-Wheat	15	40	18	1.00	2800	584	32
	31	7	Pist-Wheat	8	49	18	1.00	2800	477	26
Sep	1	8	Pist-Wheat	16	40	18	1.50	5262	1647	91
	2	9	Pist-Wheat	18	40	18	1.50	5262	1647	91
	3	10	Pist-Wheat	19	40	18	1.50	5262	1647	91
	4	11	Pist-Wheat	20	40	18	1.50	5262	1647	91
	5	12	Pist-Wheat	17 & 24	52	18	2.00	5262	1689	94
	1	13	Pist-Wheat	21 & 22	53	18	1.50	5262	1243	69
	2	14	Pist-Wheat	5&7	52	18	2.00	5262	1689	94
	3	15	Pist-Wheat	2	59	18	2.00	5262	1489	83
	4	16	Pist-Wheat	1	58	18	1.80	5262	1363	76
	5	17	Citrus	23	52	18	2.00	5262	1689	94
	6	18	Citrus	3 &4	40	18	1.00	5262	1098	61
	7	19	Pist-Wheat	9	38	18	1.50	5262	1733	96
	8	20	Pist-Wheat	10	35	18	1.00	5262	1255	70
	9	21	Pist-Wheat	11	34	18	1.30	5262	1679	93
	10	22	Pist-Wheat	13	40	18	1.50	5262	1647	91
	11	23	Pist-Wheat	14	40	18	1.50	5262	1647	91
	12	24	Pist-Wheat	15	40	18	1.50	5262	1647	91
	13	25	Pist-Wheat	8	49	18	1.50	5262	1344	75

	14	26	Pist-Wheat	16	40	18	1.50	5262	1647	91
	15	27	Pist-Wheat	18	40	18	1.50	5262	1647	91
	16	28	Pist-Wheat	19	40	18	1.50	5262	1647	91
	17	29	Pist-Wheat	20	40	18	1.50	5262	1647	91
	18	30	Pist-Wheat	17 & 24	52	18	2.00	5262	1689	94
	19	31	Pist-Wheat	21 & 22	53	18	1.50	5262	1243	69
	20	32	Pist-Wheat	5&7	52	18	1.50	5262	1267	70
	21	33	Pist-Wheat	2	59	18	1.50	5262	1116	62
	22	34	Pist-Wheat	1	58	18	1.50	5262	1136	63
	23	35	Citrus	23	52	18	1.50	5262	1267	70
	24	36	Citrus	3 &4	40	18	1.40	5262	1537	85
	25	37	Pist-Wheat	9	38	18	1.30	5262	1502	83
	26	38	Pist-Wheat	10	35	18	1.20	5262	1506	84
	27	39	Pist-Wheat	11	34	18	1.00	5262	1292	72
	28	40	Pist-Wheat	13	40	18	1.00	5262	1098	61
	29	41	Pist-Wheat	14	40	18	1.00	5262	1098	61
	30	42	Pist-Wheat	15	40	18	1.00	5262	1098	61
Oct	1	43	Pist-Wheat	8	49	18	0.90	2800	429	24
	2	44	Pist-Wheat	16	40	18	0.80	2800	467	26
	3	45	Pist-Wheat	18	40	18	0.70	2800	409	23
	4	46	Pist-Wheat	19	40	18	0.50	2800	292	16
	5	47	Pist-Wheat	20	40	18	0.40	2800	234	13
	6	48	Pist-Wheat	17 & 24	52	18	0.30	2800	135	7
	7	49	Pist-Wheat	21 & 22	53	18	0.19	2800	84	5
	8	50	Pist-Wheat	5&7	52	18	0.10	2800	45	2
	9	51	Pist-Wheat	2	59	18	0.00	2800	0	0
	10	52	Pist-Wheat	1	58	18	0.00	2800	0	0
	11	53	Citrus	23	52	18	0.00	2800	0	0
	14	54	Citrus	3&4	40	18	0.00	2800	0	0
	15	55	Pist-Wheat	9	38	18	**0.008**	2800	5	0
							59.998			

Notes/Assumptions for the daily irrigation and BOD loading scenario:

1. Assumed pistachio harvest starts in late August and will last for about 50 days for calculation purposes (in line with the past 3 years harvest at the Terra Bella Facility),
2. LAAs to be irrigated will be 802 acres (total 872 acres minus 70 acres used for citrus washwater direct application bypassing the pond).
3. Wastewater generated is typically lower at the beginning and end of the season; production is not the same everyday so flow rates are assumed not to exceed DAF maximum daily flow rate. DAF unit can process up to 2 mgd of pistachio wastewater during peak season; annual limit of 60 MG of hulling wastewater including stormwater during the harvest season. Stormwater expected to be zero or very minimal.
4. Application rate up to a 24-hr cycle; can apply 2 MG based on current irrigation system flow rates.
5. Evaporation and percolation from the East Pond not included in the calculations (conservative assumption).
6. BOD_5 concentration for September is the average concentration during the 2021 harvest season; BOD at the beginning and end of the season

was assumed to be lower in line with previous concentrations.

7. Wastewater in the East pond would not be completely empty at the end of the day for equipment operational considerations (pump and aerator). Wastewater generated each day is applied same day to maintain the 2-hour retention time in the East pond.
8. East pond volume capacity is approximately 1.7 million gallons (excluding 2' freeboard).
9. Rest days were based on using 802 acres; assumed same irrigation sequence during harvest.
10. At the end of harvest season, approximately 8000 gal was estimated to flush the south pipeline that was used for the wastewater discharge.

3.5 Land Application System

As indicated in **Section 1.2.2**, the land application areas (LAAs) were increased to 872 acres. A majority of the LAAs are currently planted with pistachios with a cover crop, e.g. winter wheat. The cover crop is planted in the rows between the trees.

Setton had also installed subsurface drip irrigation system to apply the wastewater to all 872 acres. Supplemental fresh irrigation water is applied separately by surface irrigation. The subsurface irrigation system consists of two rows of piping installed on each side of the tree at approximately 18 inches below ground surface. The fresh irrigation water is installed similarly but on ground surface. Irrigation efficiency is expected to be at least 90%. With these and the extensive solids removal process, discharge can be done in real time. This set-up would help prevent or reduce odors that could develop from the wastewater when in storage.

In addition, the wastewater applied by subsurface irrigation naturally filters wastewater in the soil and rapidly breaks down organic matter through natural aerobic bacteria in the soils. Odorous compounds should be sequestered in the soil activation area. Pooling of wastewater would also be prevented. See photographs of an LAA and the irrigation system in **Appendix A-7.**

Implementation:

The 872 acres can be irrigated year-round. As indicated above, a subsurface irrigation system has been installed in all the LAAs since 2020. As shown in the updated irrigation requirements calculations in **Table 3-6**, the volume of available wastewater is less than the calculated irrigation requirements for an average year precipitation. (Note: Calculations were not performed for a 100-yr return precipitation as the pistachio harvest season is during the non-rainy season.)

Wastewater application is scheduled to allow enough time for drying and also to meet BOD loading requirements. In the past, the number of days in between wastewater application were typically more than 10 days.

Table 3-6: Crop Irrigation Requirement

Ave. Year			Pistachios with Wheat Cover			*740*	Citrus			*132*
	Pe	ETo	Kc	ETc	Irr	Irr	Kc	ETc	Irr	Irr
MONTH	inches/month		inches/month			MG	inches/month			MG
January	0.33	1.26	1.59	2.00	1.86	**37.36**	0.75	0.95	0.68	**2.45**
February	0.23	2.03	0.99	2.00	1.97	**39.52**	0.74	1.50	1.41	**5.07**
March	0.56	3.71	1.15	4.27	4.12	**82.75**	0.71	2.63	2.30	**8.26**
April	0.07	5.06	1.20	6.07	6.67	**134.01**	0.70	3.54	3.86	**13.83**
May	0.04	6.88	1.15	7.91	8.75	**175.76**	0.70	4.82	5.31	**19.02**

June	0.00	7.57	0.90	6.81	7.57	**152.08**	0.66	5.00	5.55	**19.89**
July	0.00	8.02	0.96	7.70	8.55	**171.90**	0.65	5.21	5.79	**20.76**
August	0.00	7.25	0.93	6.74	7.49	**150.54**	0.65	4.71	5.24	**18.77**
September	0.00	5.34	0.75	4.01	4.45	**89.42**	0.70	3.74	4.15	**14.89**
October	0.00	3.45	0.47	1.62	1.80	**36.20**	0.70	2.42	2.68	**9.62**
November	0.05	1.82	0.28	0.51	0.51	**10.26**	0.70	1.27	1.36	**4.87**
December	0.08	1.16	1.72	2.00	2.13	**42.87**	0.71	0.82	0.83	**2.96**
TOTAL	**1.36**	**53.55**		**51.64**	**55.87**	**1122.67**		**36.61**	**39.17**	**140.39**

Ave. Year	Irrigation Required (MG)					Available Wastewater (MG)			
MONTH	Pistachio	Pist-Wheat	Citrus	Cherries-alfalfa	Total	Citrus Waste water	Pistachio Waste water	Total	Suppl Irr Water (MG)
January	0.00	37.36	2.45	0.00	39.81	2.33	0.00	2.33	37.48
February	0.00	39.52	5.07	0.00	44.59	2.21	0.00	2.21	42.38
March	0.00	82.75	8.26	0.00	91.01	2.44	0.00	2.44	88.57
April	0.00	134.01	13.83	0.00	147.83	2.37	0.00	2.37	145.46
May	0.00	175.76	19.02	0.00	194.78	2.46	0.00	2.46	192.32
June	0.00	152.08	19.89	0.00	171.97	2.37	0.00	2.37	169.60
July	0.00	171.90	20.76	0.00	192.66	2.45	0.00	2.45	190.21
August	0.00	150.54	18.77	0.00	169.31	0.00	4.60	4.60	164.71
September	0.00	89.42	14.89	0.00	104.31	0.00	51.43	51.43	52.88
October	0.00	36.20	9.62	0.00	45.82	1.20	3.97	5.17	40.65
November	0.00	10.26	4.87	0.00	15.14	2.38	0.00	2.38	12.76
December	0.00	42.87	2.96	0.00	45.83	2.38	0.00	2.38	43.45
TOTAL	**0.00**	**1122.67**	**140.39**	**0.00**	**1263.05**	**22.59**	**60.00**	**82.59**	**1180.46**

3.6 Monitoring Program

Setton currently monitors their wastewater collection, treatment and application under MRP R5-2019-0802-01. During the 2021 harvest, monitoring of pH, EC and DO have been voluntarily increased to daily instead of weekly to have more information on the wastewater quality. In 2021, as indicated above, additional monitoring of effluent after the DAF system was also performed to monitor the performance of the DAF and the various filtration systems.

Next season and going forward, monitoring will also include the measurement of ORP (oxidation reduction potential) in addition to the DO in all the ponds that has wastewater. The advantages of monitoring ORP is detailed in the report prepared by Michael Gerardi & Associates, LLC included in **Appendix B-3.**

2.2.1 ORP vs DO Monitoring

In the report, the four basic forms of respiration (degradation), which include the following were reviewed in detail:

1) aerobic respiration

2) anoxic respiration
3) sulfide formation
4) fermentation

Each of these forms of respiration results in the formation of products and compounds but only sulfide formation and fermentation produce odorous compounds. A DO probe can monitor the presence and changes in DO while an ORP probe can monitor the presence and changes in DO, NO_3^-, $SO_4^=$ and soluble organic cBOD (organic compounds).

A guideline range of ORP values for different forms of respiration and odor production is included in **Table 3-7.**

Table 3-7: ORP vs DO Monitoring

Form of Respiration	Molecule Used for Respiration	ORP (mV) Range	Odor Production
Aerobic	O_2 or DO	+50 to +250	No
Anoxic	NO_3^-	+50 to -50	No
Sulfide formation	SO_4^{2-}	-50 to -250	YES
Fermentation	CH_2O	-100 to -225	YES

If DO is depleted and soluble cBOD is available for respiration, odor production would not occur if nitrate is present i.e. anoxic respiration would occur. Therefore, the depletion of DO as monitored by a DO probe would indicate odor production. However, if an ORP probe detects the presence of nitrate, this would indicate that anoxic respiration would occur in the absence of measurable DO. Here, ORP monitoring rather than DO monitoring is a better instrument to use to determine if offensive odor production is occurring. (M Gerardi & Associates, 2/22) **Appendix B-3**. Hence, both DO and ORP will be monitored.

Implementation:

Monitoring will continue to be performed pursuant to the current MRP R5-2019-0802-01. Additional parameters will be measured as needed to monitor wastewater conditions and performance of the various treatment processes and odor control measures.

3.7 Pond Cleaning

After each harvest, the gunite-lined pond will be cleaned using a "ditch witch vacuum excavator" or similar equipment. The cleaning wastewater will be collected and disposed off-site to a nearby composting facility. The "last rinse" water will be tested for pH and EC prior to using the pond for stormwater runoff.

The line that is used to transfer pistachio wastewater from the gunite-lined pond to the East Pond and West Pond during harvest will be flushed with Terra Bella Irrigation District water before using the line for non-harvest stormwater discharge. The "flush water" will be drained into the East Pond and be commingled with any existing water in the pond. The "flush water" will be tested for pH and EC to verify that the line has been "cleaned".

The East Pond and West Pond (if used) will be dredged annually after the pistachio harvest season or as needed to remove excess mud or sludge to maintain pond volume capacity. Cleaning these ponds should

eliminate the solids as potential sources of future odorous compounds associated with the pistachio wastewater.

3.8 Pistachio Solid Waste Management

Solid waste from the processing plant consists of leaves, twigs, and other foreign matter or debris from the pre-cleaning process (dry waste material); and hulls and skins removed from the hulling process and solids removed from the other wastewater treatment processes such as filtration (wet waste material and/or sludge). The dry material is shipped separately from the wet material in trucks to an offsite facility for grinding. After grinding, most of the material is shipped to other facilities and some is retained for composting.

The hulls and other wet solids from the various filtration stages are collected in trucks and also shipped offsite. Most of these wet materials are shipped to dairies as cattle feed and some are shipped to be mixed with some of the dry ground materials.

Odors, if any, would most likely emanate from the wet materials or their residue. To prevent or minimize the potential for odors, Setton will implement the following wet material odor control measures:

- Limit the number of sludge material trucks at the Setton plant site. Setton has 2 sludge loaders and can load up to 2 trucks simultaneously during the peak of the season. During this time, the number of standby sludge trucks will be limited to 2 such that only 4 trucks will be at the site at the same time. This will minimize cumulative truck related odors, if any.

- Setton has 4 augers and can load up to 4 hull trucks simultaneously. After a hauling truck is filled to capacity, the truck will leave the plant as soon as possible, no more than a half hour, under normal operating conditions. If there are any issues, other arrangements will be made such as transferring the load to another truck or bins for immediate removal from the site.

- All third-party wet hauling and sludge trucks will be cleaned after final use and be removed from the site no later than two weeks after harvest. Any Setton hauling trucks used during the harvest will be cleaned of all pistachio waste residue before long term parking at the site.

The above odor control measures that are associated with the handling of the solid waste materials were developed in consultation with the San Joaquin Valley Air Pollution Control

3.9 Odor Control Measures Implementation Schedule

The following table shows a summary of the odor control measures and implementation schedule.

Table 3-8: Odor Control Measures Implementation Schedule

Control Measure	Schedule	Notes
Solids Removal		
DAF System	Pistachio Harvest Season	System is integrated in the hulling operation.
Filtration	Pistachio Harvest Season	Multiple filtration equipment is integrated in the hulling and irrigation operation..

Aeration at East/West Ponds	Pistachio Harvest Season; as needed during non-harvest season	During non-harvest, aerator operation depends on water depth in the ponds.
Chemical Treatment	Pistachio Harvest Season, as needed based on monitoring data	Chemical oxidizer and pH control chemical will be in stock at the Facility during harvest season.
Wastewater Stream Segregation	Completed; year-round	Line from gunite-lined pond will be flushed yearly after harvest season.
Land Application System	Completed; year-round	
Monitoring	Pursuant to MRP; additional during Pistachio Harvest Season	Frequency and sampling points may be increased, as needed.
Pond Cleaning	Annually after harvest; and as needed	
Solid Waste Management	Pistachio Harvest Season	As applicable to the pistachio processing waste

Setton takes the odor complaints seriously and has made continuous and significant improvements to their wastewater systems to eliminate odors from migrating beyond the facility boundaries. Setton will continue to implement the above control measures discussed, assess their effectiveness through monitoring, and make changes as needed.

4. EMERGENCY AND CONTINGENCY PLAN

The emergency scenarios that could occur in the collection, treatment, storage and land application of the pistachio and citrus processing wastewater that could result in odors include the following:

- Disruption of wastewater treatment process/transfer/storage due to power failure or mechanical issues that could result in overflow.
- Wastewater distribution line breaks/leaks.
- Vandalism

To prevent or mitigate any odors, operations personnel must monitor the wastewater collection, treatment and distribution operations and perform any necessary repairs, including restoring power, performing pump maintenance and repairing line breaks/leaks. Setton has contractors who can be called in to perform the necessary repairs, as needed.

Operations will be stopped, as appropriate, until the problem is corrected. This can also be mitigated to the extent possible by adjusting field harvest and pistachio delivery to the plant.

There are bypass lines in the distribution lines that can be utilized in the event of line problems.
At least two feet of freeboard would be maintained in the East Pond and West Pond (if used) at all times. Setton has a portable emergency pump available that can be temporarily re-located when and where needed. The West Pond, which has a volume capacity of 2.8 million gallons is designated as the emergency wastewater pond. This pond is about one and a half times larger than the East Pond. If the West Pond is used to hold wastewater, the pond will be aerated using a paddle wheel aerator similar to the East Pond.

It should be noted that harvest season is outside the rainy season therefore disruption or overflow due to rain events is highly unlikely. Additionally, Setton does pre-inspection of their processing equipment before harvest season. With the filtration of the hulling wastewater at multiple points, application of wastewater to the LAAs is expected to be of high efficiency (none or minimal clogging). Setton's facility is equipped with an alarm system that will notify personnel if there is an emergency in critical parts of their operation that may potentially impact the wastewater flow and treatment. Furthermore, Setton can discharge using either by surface or subsurface irrigations systems.

As shown in **Table 2-6,** the volume of wastewater generated during the pistachio harvest season is lower than the irrigation requirements of the LAAs at agronomic rates. As shown also in **Table 2-5,** the volume of water generated and pumped into the East Pond can be applied daily resulting in minimal water retained in the pond. Setton will retain wastewater in the East Pond for 2 hours or less as discussed in **Section 2.2.1.** Therefore, under normal operating conditions, no extra storage of wastewater is required. The West Pond will be used, as needed.

Furthermore, during the peak of pistachio harvest, none or minimal citrus washwater is generated. Citrus washwater is also now applied to the LAAs directly by subsurface irrigation. During pistachio harvest, the citrus washwater will be applied to the LAA blocks that are not used for the pistachio wastewater.

Emergency Contacts:

In the event of an emergency on the process wastewater collection & treatment system, contact:

Fernando Rios, Regulatory & Compliance Coordinator
Mobile: 559-359-1885
Email: frios@settonfarm.com

Jeffrey Gibbons, Grower Relations/Plant Manager
Office: 559-535-6050 ext. 106
Email: jgibbons@settonfarms.com

Jose Torres, Facility Manager (Porterville Citrus Inc.)
Office: 559-359-0995
Email: jtorres@portervillecitrus.com

APPENDIX A. ODOR CONTROL EQUIPMENT

A-1 Site Plan and DAF Location

A-2 North and South Pipelines

A-2.1 Citrus Pipeline Connection

A-2.2 North and South Pipeline to the Ponds

A-3 Sloped Screens

A-3.1 Sloped Screen Schematic

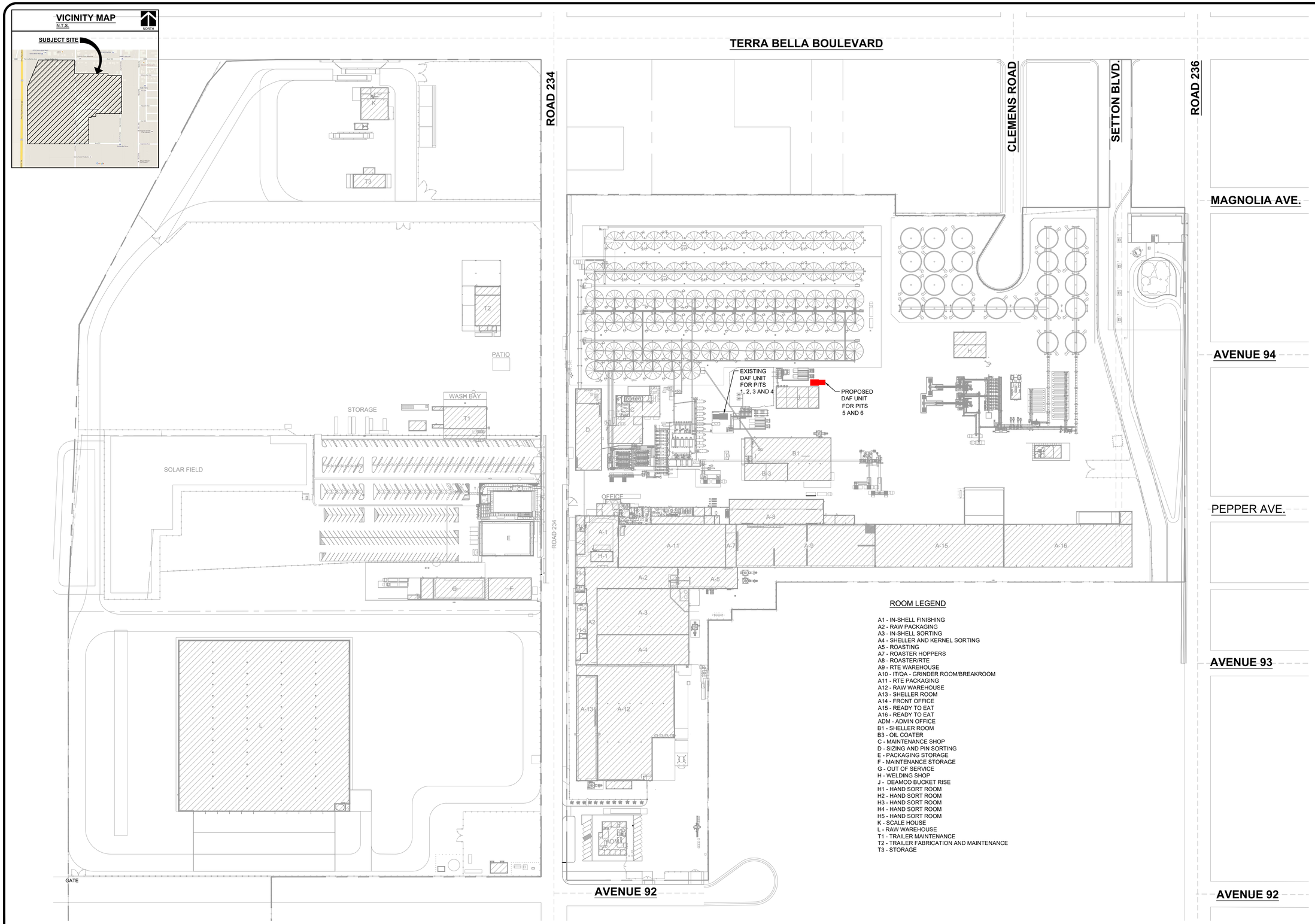
A-3.2 Slope Screen Photograph Site Plan and DAF Location

A-4 Filtomat Filters and Sand Filter System Photographs

A-5 Paddle Wheel Aerator in the East Pond Photographs

A-6 Photographs of DAF System

A-7 LAA and Irrigation System Photographs



ROOM LEGEND

A1 - IN-SHELL FINISHING
A2 - RAW PACKAGING
A3 - IN-SHELL SORTING
A4 - SHELLER AND KERNEL SORTING
A5 - ROASTING
A7 - ROASTER HOPPERS
A8 - ROASTER/RTE
A9 - RTE WAREHOUSE
A10 - IT/QA - GRINDER ROOM/BREAKROOM
A11 - RTE PACKAGING
A12 - RAW WAREHOUSE
A13 - SHELLER ROOM
A14 - FRONT OFFICE
A15 - READY TO EAT
A16 - READY TO EAT
ADM - ADMIN OFFICE
B1 - SHELLER ROOM
B3 - OIL COATER
C - MAINTENANCE SHOP
D - SIZING AND PIN SORTING
E - PACKAGING STORAGE
F - MAINTENANCE STORAGE
G - OUT OF SERVICE
H - WELDING SHOP
J - DEAMCO BUCKET RISE
H1 - HAND SORT ROOM
H2 - HAND SORT ROOM
H3 - HAND SORT ROOM
H4 - HAND SORT ROOM
H5 - HAND SORT ROOM
K - SCALE HOUSE
L - RAW WAREHOUSE
T1 - TRAILER MAINTENANCE
T2 - TRAILER FABRICATION AND MAINTENANCE
T3 - STORAGE

1 / S1.0 OVERALL SITE PLAN Scale: 1' = 100'-0"

NORTH

NO.	DATE	REVISION	BY

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SITE - OVERALL FLOOR PLAN

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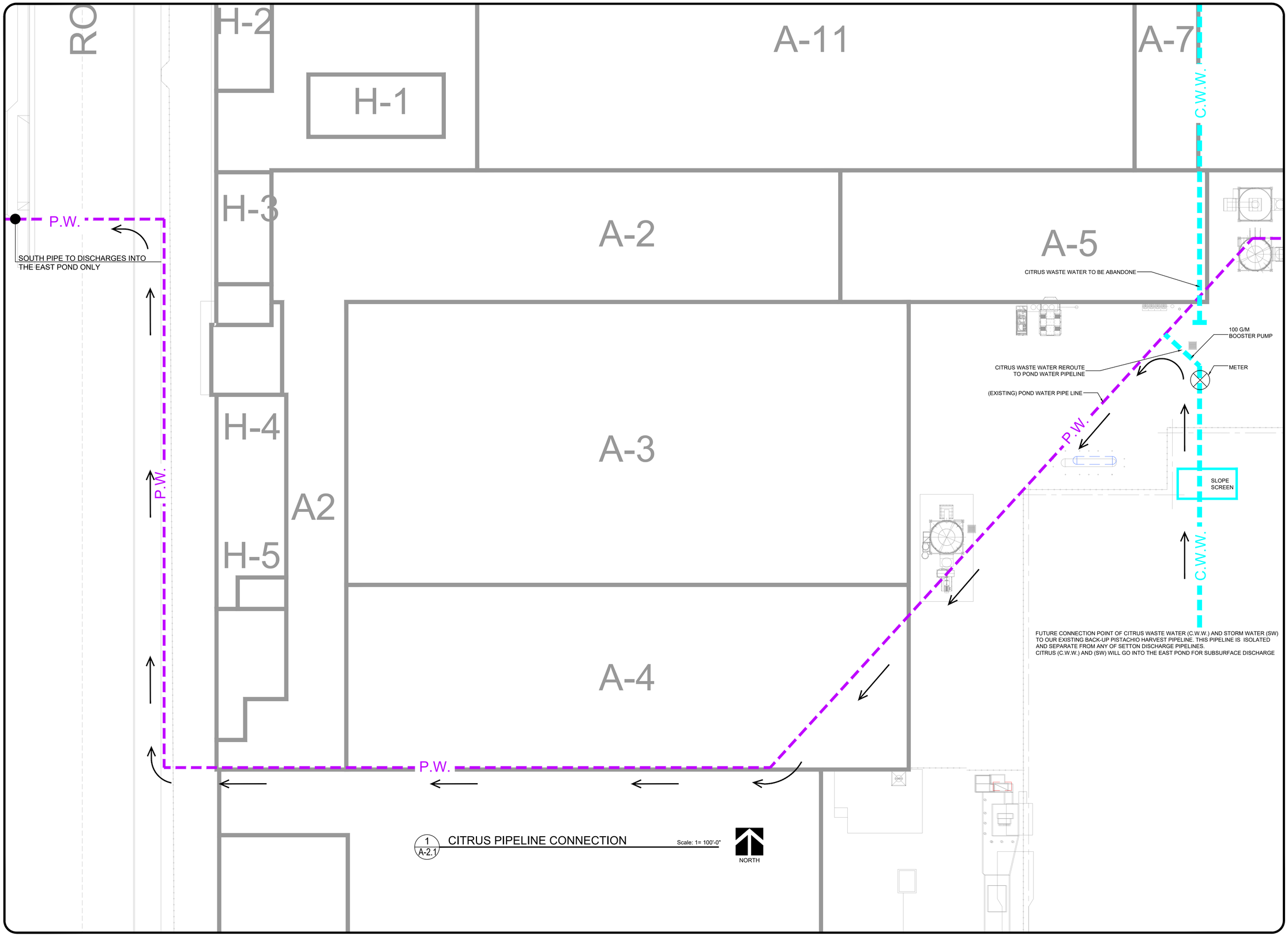
Setton Farms®

DRAWN BY: A.R.
DATE: --/--/2020
SCALE: AS SHOWN
SHEET SIZE: 24x36
PROJECT No: SITE-CURRENT
SHEET NO: S1.1

M:\SITE TERRA BELLA\PROJECTS\2101 SAF WATER TREATMENT\SHEETS\S1.1 DAF UNITS.dwg Nov 17, 2021 - 3:47pm aramirez



FUTURE CONNECTION POINT OF CITRUS WASTE WATER (C.W.W.) AND STORM WATER (SW) TO OUR EXISTING BACK-UP PISTACHIO HARVEST PIPELINE. THIS PIPELINE IS ISOLATED AND SEPARATE FROM ANY OF SETTON DISCHARGE PIPELINES.
CITRUS (C.W.W.) AND (SW) WILL GO INTO THE EAST POND FOR SUBSURFACE DISCHARGE

1 / A-2.1 CITRUS PIPELINE CONNECTION

Scale: 1= 100'-0"

NORTH

NO.	DATE	REVISION	BY

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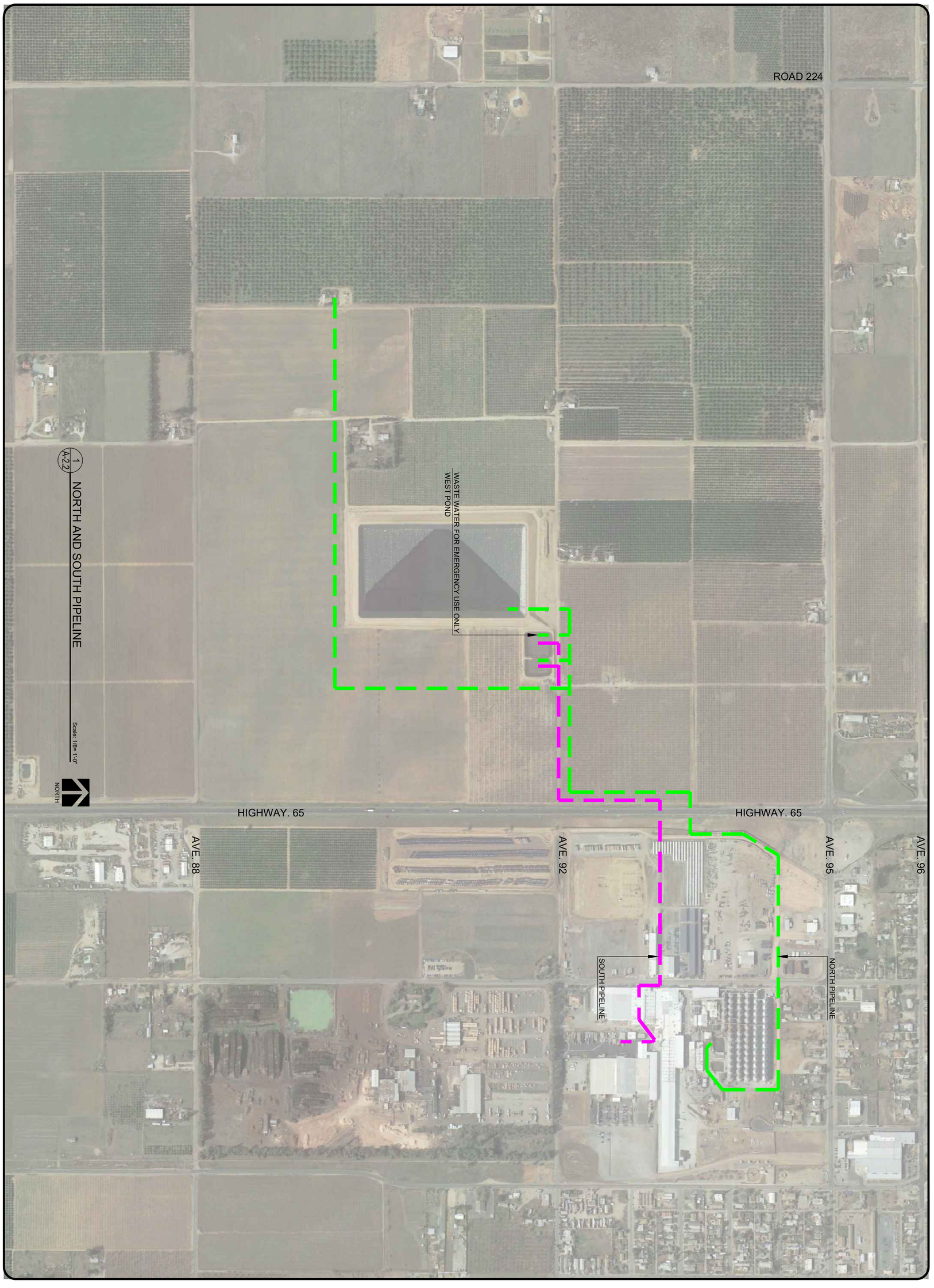
A-2.1 CITRUS PIPELINE CONNECTION

9370 Road 234
Terra Bella, California 93270
Office: 559-535-6050
Website: www.settonfarms.com

Setton Farms®

DRAWN BY: A.R.
DATE: 05/03/21
SCALE: AS SHOWN
SHEET SIZE: 24x36
PROJECT No: CURRENT
SHEET NO: APPENDIX A-2.1

M:\SITE TERRA BELLA\PROJECTS\2017\SITE 1705 POND\SHEETS\APPENDIX SHEETS\APPENDIX A-2.1.dwg May 14, 2021 - 3:24pm aramirez



DRAWN BY: A.L.
DATE: -/-/18
SCALE: AS SHOWN
SHEET SIZE: 24x36
PROJECT No: POND PROJECT
SHEET NO: APPENDIX A-2.2

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A-2.2 NORTH AND SOUTH PIPELINE FROM PLANT TO PONDS

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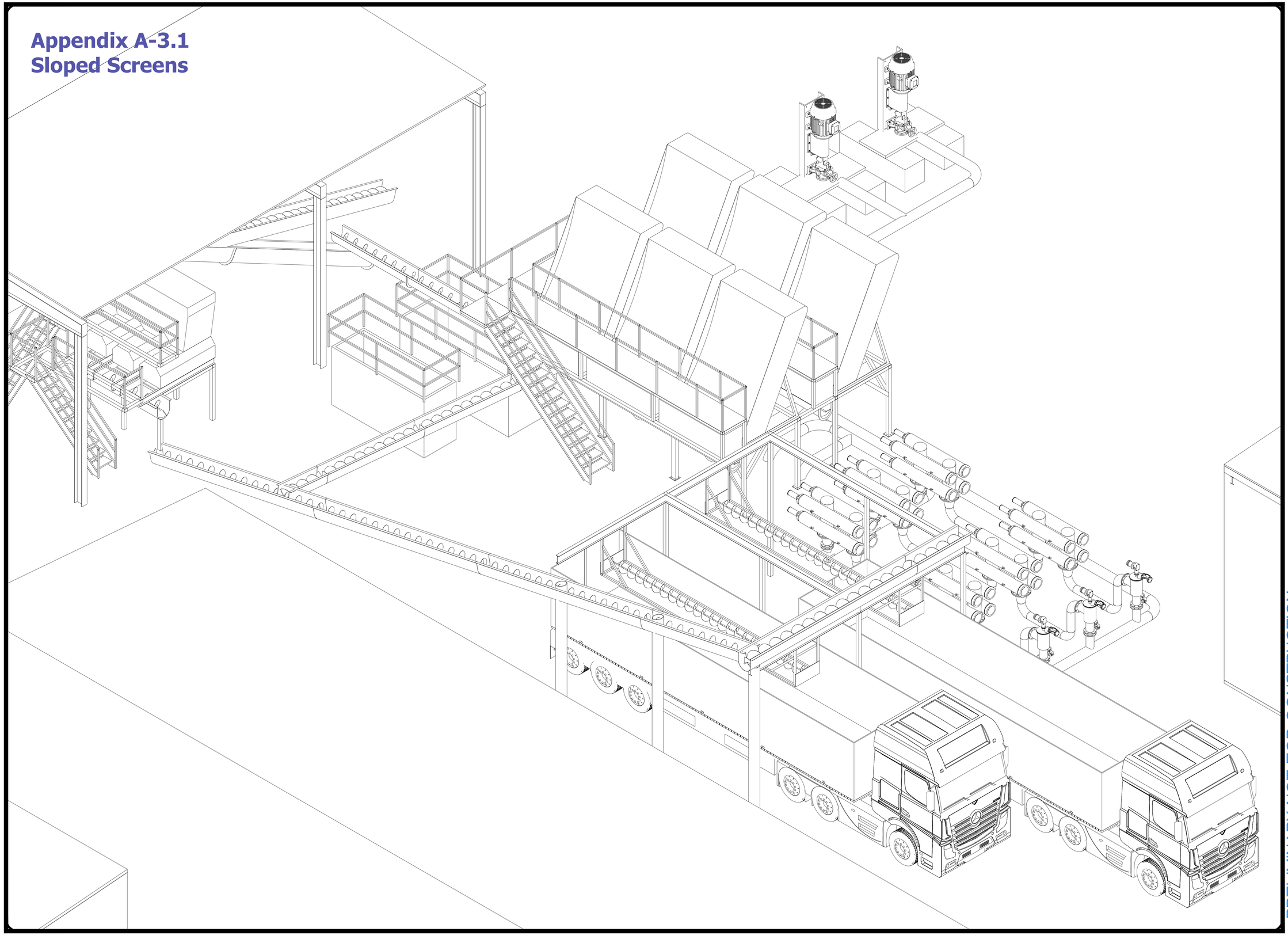
NO.	DATE	REVISION	BY

M:\SITE TERRA BELLA\PROJECTS\2017\SITE 1705 POND\SHEETS\APPENDIX SHEETS\APPENDIX A-2.2.dwg May 17, 2021 - 2:00pm aramirez

Appendix A-3.1
Sloped Screens



NO.	DATE	REVISION	BY

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WATER TREATMENT

9370 Road 234
Terra Bella, California 93270
Office: 559-535-6050
Website: www.settonfarms.com

PRELIMINARY NOT FOR CONSTRUCTION

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DRAWN BY:	A.R.
DATE:	--/--/--
SCALE:	AS SHOWN
SHEET SIZE:	24x36
PROJECT No:	WT1904
SHEET NO:	WT9.1

M:\SITE TERRA BELLA\PROJECTS\SITE 2019 0904 WATER TREATMENT\SHEETS\WT9.1.dwg May 07, 2020 - 12:05pm aramirez

Photograph of a sloped screen

Trinity Consultants Bakersfield, CA	**Appendix A-3.2** **Sloped Screen Photo** **Setton Pistachio of Terra Bella, Inc.** **Terra Bella Pistachio Facility**	Prepared: 11/27/21 Scale: Not Applicable

Filtomat Filters downstream of gunite-lined pond and upstream of the East/West Ponds

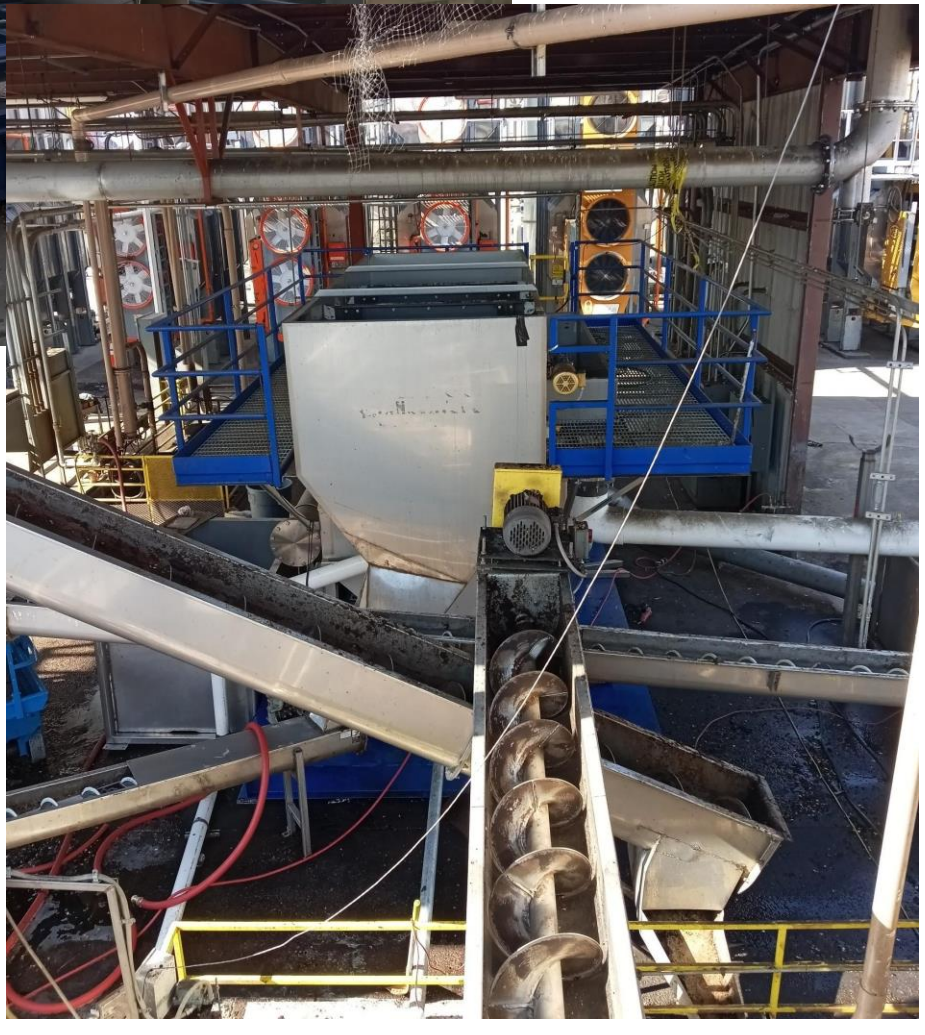
Sand filtration system prior to wastewater application to the LAAs

Trinity Consultants **Bakersfield, CA**	**Appendix A-4** **Filtomat and Sand Filtration System** **Setton Pistachio of Terra Bella, Inc.** **Terra Bella Pistachio Facility**	Prepared: 11/27/21 Scale: Not Applicable

East Pond during the 2021 Pistachio Harvest season equipped with a paddle wheel aerator

Paddle wheel aerator at the East Pond during the 2021 Pistachio Harvest season

Trinity Consultants **Bakersfield, CA**	**Appendix A-5** **East Pond with Paddle Wheel Aerator** **Setton Pistachio of Terra Bella, Inc.** **Terra Bella Pistachio Facility**	Prepared: 11/27/21 Scale: Not Applicable



Dissolved Air Flotation System (DAF) installed for the 2021 Harvest Season

Trinity Consultants **Bakersfield, CA**	**Appendix A-6** **LAAs and Irrigation System** **Setton Pistachio of Terra Bella, Inc.** **Terra Bella Pistachio Facility**	Prepared: 2/4/2022 Scale: Not Applicable

Pistachios planted in 2020 with wheat as cover crop in the rows between the young trees; two irrigation lines on both sides of the trees

Mature pistachios, two surface irrigation lines on both sides of the trees

APPENDIX B. SUPPORTING STUDIES

B-1 DAF Performance Monitoring

B-2 Oxygen Scavenger Laboratory Study

B-3 Michael Gerardi & Associates Reports

B-3.1 Oxygen Scavenger in Wastewater (11/12/21)

B-3.2 Oxidation of the Oxygen Scavenger Sufide (11/25/21)

B-3.3 Monitoring Odor Production via Dissolved Oxygen v. ORP Monitoring (11/20/21)

B-4 DAF Trial Study on COC Reduction

A-1: DAF PERFORMANCE MONITORING - LABORATORY RESULTS SUMMARY

	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction
PISTACHIO PIT	9/7/2021			9/13/2021			9/20/2021			9/27/2021			10/4/2021			10/11/2021			10/18/2021		
Ammonia as N	66.8			44.9			23.6			61.4			60.9			77.2			72.8		
BOD	16000			13000			14000			20000			11000			11000			9100		
Nitrate	2			2.4			10			<0.10			<0.10			1.2			<0.10		
Nitrite	<1.5			<1.5			<1.5			<0.15			<0.15			<0.15			<0.15		
Total Dissolved Solids	14900			11900			10900			9290			11700			10700			9880		
Total Kjeldahi Nitrogen	1100			820			330			1300			980			770			560		
Total Nitrogen	1170			822			340			1300			980			771			560		
Total Suspended Solids	12000			10000			12000			17000			9700			15000			11000		
Fixed Dissolved Solids	13000			6400			5200			4900			6000			4800			4400		
SLOPED SCREENS	9/7/2021			9/13/2021			9/20/2021			9/27/2021			10/4/2021			10/11/2021			10/18/2021		
Ammonia as N	62.4			55.5			20.6			63.8			46.4			94.9			51.4		
BOD	12000		25	7900		39	5200		63	7400		63	7900		28	10000		9	6400		30
Nitrate	1.5			206			9.2			<0.10			<0.10			<0.10			<0.10		
Nitrite	<1.5			<1.5			<1.5			<0.15			<0.15			<0.15			<0.15		
Total Dissolved Solids	13800		7	10400		13	9640		12	12700		-37	9420		19	10100		6	10600		-7
Total Kjeldahi Nitrogen	620			690			160			1400			720			690			590		
Total Nitrogen	684		42	693		16	169		50	1300		0	720		27	690		11	590		-5
Total Suspended Solids	7300		39	6100		39	6200		48	4700		72	4100		58	6800		55	3500		68
Fixed Dissolved Solids	8500		35	5900		8	5400		-4	6000		-22	5000		17	4400		8	4400		0
DAF SYSTEM (see Note)	9/7/2021			9/13/2021			9/20/2021			9/27/2021			10/4/2021			10/11/2021			10/18/2021		
Ammonia as N	47.3			48.1			16.4			41.8			41.3			82.7			17.4		
BOD	5900	63.13	51	5500	57.69	30	6000	57.14	-15	6600	67.00	11	6000	45.45	24	6500	40.91	35	1700	81.32	73
Nitrate	1.4			13			7.8			<0.10			<0.10			1.3			<0.10		
Nitrite	<1.5			<1.5			<1.5			<0.15			<0.15			<0.15			<0.15		
Total Dissolved Solids	13500	9.40	2	8070	32.18	22	10200	6.42	-6	12200	-31.32	4	9380	19.83	0	10700	0.00	-6	1710	82.69	84
Total Kjeldahi Nitrogen	460	58.18		420	48.78		160	51.52		760	41.54		440	55.10		770	0.00		35	93.75	
Total Nitrogen	509	56.50	26	433	47.32	38	168	50.59	1	760	41.54	42	440	55.10	39	771	0.00	-12	35	93.75	94
Total Suspended Solids	810	93.25	89	320	96.80	95	230	98.08	96	1900	88.82	60	700	92.78	83	120	99.20	98	490	95.55	86
Fixed Dissolved Solids	7500	42.31	12	4700	26.56	20	5700	-9.62	-6	6400	-30.61	-7	5000	16.67	0	4800	0.00	-9	900	79.55	80
GUNITE-LINED POND	9/7/2021			9/13/2021			9/20/2021			9/27/2021			10/4/2021			10/11/2021			10/18/2021		
Ammonia as N	91.3			59.66			14.4			93.6			76.8			129			152		
BOD	6000		-2	11000		-100	5800		3	4500		32	5300		12	12000		-85	4400		-159
Nitrate	1.1			9.9			3.3			<0.10			<0.10			<0.10			<0.10		
Nitrite	<1.5			<1.5			<1.5			<0.15			<0.15			<0.15			<0.15		
Total Dissolved Solids	9290		31	7260		10	5390		47	6580		46	5860		38	6060		43	4570		-167
Total Kjeldahi Nitrogen	420			1400			80			1200			600			740			120		
Total Nitrogen	512		-1	1410		-226	83.3		50	1200		-58	600		-36	740		4	120		-243
Total Suspended Solids	3500		-332	13000		-3963	6300		-2639	6200		-226	590		16	9500		-7817	520		-6
Fixed Dissolved Solids	5600		25	4700		0	2900		49	3800		41	3300		34	3200		33	2900		-222
GUNITE PND AFTER FILTERS	9/7/2021			9/13/2021			9/20/2021			9/27/2021			10/4/2021			10/11/2021			10/18/2021		
Ammonia as N	33.4			57.5			16.4			86.7			71.1			202			141		
BOD	5200		13	5900		46	5600		3	2600		42	6400		-21	6600		45	4800		-9
Nitrate	1			9.6			5.6			<0.10			<0.10			0.62			<0.10		
Nitrite	<1.5			<1.5			<1.5			<0.15			<0.15			<0.15			<0.15		
Total Dissolved Solids	6810		27	7940		-9	5600		-4	5620		15	5600		4	7520		-24	5840		-28
Total Kjeldahi Nitrogen	470			390			67			450			550			640			83		
Total Nitrogen	504		2	400		72	72.6		13	450		63	550		8	641		13	83		31

A-1: DAF PERFORMANCE MONITORING - LABORATORY RESULTS SUMMARY

	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction	Conc (mg/L)		% Reduction
Total Suspended Solids	2100		40	1600		88	4800		24	440		93	420		29	590		94	1200		-131
Fixed Dissolved Solids	5900		-5	4900		-4	3700		-28	3300		13	3200		3	4100		-28	3400		-17
EAST POND	**9/7/2021**			**9/13/2021**			**9/20/2021**			**9/27/2021**			**10/4/2021**			**10/11/2021**			**10/18/2021**		
Ammonia as N	34.6			44.9			27			118			93.2			170			157		
BOD	5500		-6	7300		-24	7500		-34	5000		-92	6700		-5	8700		-32	5500		-15
Nitrate	<1.0			<1.0			4.8			<.10			<0.10			<0.10			<0.10		
Nitrite	<1.5			<1.5			<1.5			<.15			<0.15			<0.15			<0.15		
Total Dissolved Solids	7070		-4	7510		5	7000		-25	7110		-27	6680		-19	4440		41	4910		16
Total Kjeldahi Nitrogen	260			440			140			840			350			740			320		
Total Nitrogen	295		41	440		-10	145		-100	840		-87	350		36	740		-15	320		-286
Total Suspended Solids	470		78	840		48	800		83	980		-123	440		-5	480		19	500		58
Fixed Dissolved Solids	4700		20	4500		8	4700		-27	4200		-27	3700		-16	2600		37	2900		15
DISCHARGE TO LAAs	**9/7/2021**			**9/13/2021**			**9/20/2021**			**9/27/2021**			**10/4/2021**			**10/11/2021**			**10/18/2021**		
Ammonia as N	29.1			<16.0			17.2			113			101			176			157		
BOD	5400		2	230		97	7800		-4	2800		44	7400		-10	3000		66	5000		9
Nitrate	<1.0			<1.0			5.1			<.10			<0.10			<0.10			<0.10		
Nitrite	<1.5			<1.5			<1.5			<1.5			<0.15			<0.15			<0.15		
Total Dissolved Solids	6980		1	920		88	7210		-3	7520		-6	6940		-4	6820		-54	4960		-1
Total Kjeldahi Nitrogen	220			17			57			660			600			120			190		
Total Nitrogen	249		16	17		96	62.1		57	660		21	600		-71	120		84	190		41
Total Suspended Solids	430		9	18		98	820		-3	780		20	590		-34	550		-15	380		24
Fixed Dissolved Solids	4300		9	620		86	4800		-2	4200		0	4000		-8	4000		-54	3100		-7
% Overall Reduction from Pitachio Pit to Discharge to LAAs																					
	9/7/2021			**9/13/2021**						**9/27/2021**			**10/4/2021**			**10/11/2021**			**10/18/2021**		
BOD			66			98			44			86			33			73			45
Total Nitrogen			79			98			82			49			39			84			66
Total Dissolved Solids			53			92			34			19			41			36			50
Total Suspended Solids			96			100			93			95			94			96			97
Fixed Dissolved Solids			67			90			8			14			33			17			30

Note: Wastewater included citrus washwater beginning at the gunite-lined pond.

% reduction was calculated for each phase of the wastewater process (i.e. Pistachio pit to sloped screen; screen to DAF, and so on)

DAF (highlighted column) = % reduction from pistachio pits to DAF (See Table 2-1).

Laboratory analysis performed by Zalco Laboratories; reports are kept at the facility for at least 3 years.

% Overall Reduction from Pitachio Pit to Discharge to LAAs														
	9/7/2021		9/13/2021				9/27/2021		10/4/2021		10/11/2021		10/18/2021	
BOD		66		98		44		86		33		73		45
Total Nitrogen		79		98		82		49		39		84		66
Total Dissolved Solids		53		92		34		19		41		36		50
Total Suspended Solids		96		100		93		95		94		96		97
Fixed Dissolved Solids		67		90		8		14		33		17		30

Note: Wastewater included citrus washwater beginning at the gunite-lined pond.

% reduction was calculated for each phase of the wastewater process (i.e. Pistachio pit to sloped screen; screen to DAF, and so on)

Laboratory analysis performed by Zalco Laboratories; reports are kept at the facility for at least 3 years.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

November 2, 2021

Fernando Rios
Setton Pistachio
9370 Road 234
Terra Bella, CA 93270

TEL: (559) 535-6050
FAX: (559) 535-6089

Project ID: Master
RE: 2110196

Dear Fernando Rios:

Zalco Laboratories, Inc. received 5 samples on 10/21/2021 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

Sincerely,

Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Client: **Setton Farms**
Date of Report: **11/1/2021**
Sample Matrix: **Solid**

Collection Date: **10/21/2021**
Date Received: **10/21/2021**
Date of Analysis: **10/29/2021**

Analytical report

Lab Sample ID	Client Sample Description	Sulfide mg/kg	Method	Sulfite mg/kg	Method	pH	Method
2110196-01A AG	Pistachios Pit #3	8.00	EPA 9030	35.5	SM 4500B		
2110196-01A NAG	Pistachios Pit #3	8.00	EPA 9030	7.90	SM 4500B		
2110196-02A	Padula #1 Wastewater Soil	1000	EPA 9030	55.3	SM 4500B	5.70	EPA 9045C
2110196-03A	Padula #2 Wastewater Soil	8000	EPA 9030	67.1	SM 4500B	6.23	EPA 9045C
2110196-04A	Padula #3 Non-Wastewater Soil	1720	EPA 9030	51.3	SM 4500B	8.09	EPA 9045C
2110196-05A	Padula #4 Non-Wastewater Soil	1250	EPA 9030	63.2	SM 4500B	8.82	EPA 9045C

AG = Agitated

NAG = Non Agitated

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Client:	**Setton Farms**	Laboratory No:	**2110196-01A**
Date of Report:	**11/1/2021**	Collection Date:	**10/21/2021**
Sample Matrix:	**Solid**	Date Received:	**10/21/2021**
Sample Description:	**Pistachios Pit #3**	Date of Analysis:	**10/22/2021**

Analytical report

	Non Aerated Sample	Aerated Sample	DI Water Used for Dilution
Sample Weight	200g	100g	
Vol. of DI Water	500 mL	500 mL	
Dissolved Oxygen	8.37 mg/L	8.40 mg/L	8.80 mg/L
Temperature	21.2 C	20.7 C	20.1 C
	Diluted Sample Extract with DI Water		
	Non Aerated Sample	**Aerated Sample**	
Sample Volume	50 mL	50 mL	
DI Water Volume	50 mL	50 mL	
Dissolved Oxygen	8.80 mg/L	8.73	8.80 mg/L

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ZALCO LABORATORIES, INC.

4309 Armour Avenue, Bakersfield, CA 93308 (661) 395-0539 FAX (661) 395-3069
2186 Eastman Avenue, Suite 103, Ventura, CA 93003, (805) 477-0114, Fax (805) 477-0125
www.zalcolabs.com

CHAIN OF CUSTODY, ID# 211096

Client PO:
Project ID:
Quote ID:

ANALYSIS REQUESTED

COMPANY: Setton Pistachios
CONTACT: Fernando Rios
PHONE: 559-359-1885 FAX:
ADDRESS: P.O. Box 11089
Terra Bella CA, 93270
E-MAIL: frios@@settonfarms.com
SAMPLER (SIGNATURE):

LAB #	SAMPLE DESCRIPTION	DATE	TIME	TYPE *	# OF CONTAINERS	Special Project (see attachment)	Type of Containers	Sample Matrix	TEMPERATURE (C)	COMMENTS
1	Pistachios Pit #3	10/21/2021	11:10	S	1	X	P	S		
2	Padula #1 waste Water Soil	10/21/2021	11:27	S	1	X	G	S		Padula Waste Water Soil-
3	Padula #2 waste Water Soil	10/21/2021	11:38	S	1	X	G	S		Center Of Aisle
4	Padula #3 Non-Waste Water Soil	10/21/2021	11:47	S	1	X	G	S		
5	Padula #4 Non-Waste Water Soil	10/21/2021	11:51	S	1	X	G	S		Padula Non-Waste Water Soil-
										Prior To Aisles

Turnaround Time:
Routine (# working days) X
Rush By 5 Working Days
EDT
State Form
EMAIL
Notes 15.3°C

Relinquished By:	Company	Date	Time	Received By:	Company:
Julian Carrillo	Zalco Laboratories Inc.	10/21/2021		AMG 10/21/21 1603	Zalco

NOTE: Samples Discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.

* Sample Type Key: Aq-Aqueous; BS-Biosolid; DW-Drinking Water; GW-Groundwater; G-Gas LPG-Liquid Petroleum Gas; OL-Oil; P-Petroleum; S-Solid/Soil; ST-Storm water WW-Wastewater

Juan Magana

To: Fernando Rios
Subject: RE: Setton Farms

From: Michael Gerardi <mgerardi196@comcast.net>
Sent: Tuesday, October 19, 2021 12:17 PM
To: Dolores Gough <dgough@trinityconsultants.com>
Cc: Fernando Rios <frios@settonfarms.com>
Subject: Re: Setton Farms

Dolores,

Here's my thought on detecting the oxygen scavenger:

1) take one pound of dirty nuts

2) take a fixed volume, e.g., 1 liter of non-chlorinated water (void of dissolved oxygen — do not add a chemical to remove the oxygen — let it dissipate, if necessary)

3) place the dirty nuts in the water and allow the nuts to soak for a fixed period of time, e.g, 30 minutes

4) take another fixed volume of clean water that has been aerated to a relatively high DO, e.g, $\geq$ 5.0 mg/L

5) without agitation, strain the "dirty" water from the nuts into an empty beaker

6) take a sample of the dirty water and analyze it for sulfide and sulfite,

7) take a known volume of dirty water and slowly without agitation pour it into the clean water having a high DO

8) note: if the DO in the clean water drops significantly or quickly — it's an oxygen scavenger that is responsible for the DO drop.

Let me know if this is of interest.

If it is sulfide in the soil or the nuts, the sulfide can be oxidized easily with sodium hypochlorite. It the sodium and/or chloride from the oxidation do not adversely impact the soil, water or crops, I believe we may have a solution for correcting low DO and odor.

Give it some thought. You may want to change the experiment or develop a different experiment based upon the results of the test above.

Please let me know if you have any questions.

Michael

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

November 3, 2021

Fernando Rios
Setton Pistachio
9370 Road 234
Terra Bella, CA 93270

TEL: (559) 535-6050
FAX: (559) 535-6089

Project ID: Master
RE: 2110196

Dear Fernando Rios:

Zalco Laboratories, Inc. received 5 samples on 10/21/2021 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future . Please feel free to call our office if you have any questions regarding these test results.

Sincerely,

Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.

ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Client:	**Setton Farms**	Laboratory No:	**2110196-01A**
Date of Report:	**11/1/2021**	Collection Date:	**10/21/2021**
Sample Matrix:	**Solid**	Date Received:	**10/21/2021**
Sample Description:	**Pistachios Pit #3**	Date of Analysis:	**10/22/2021**

Analytical report

	Non Aerated Sample	Aerated Sample	DI Water Used for Dilution
Sample Weight	200g	100g	
Vol. of DI Water	500 mL	500 mL	
Dissolved Oxygen	8.37 mg/L	8.40 mg/L	8.80 mg/L
Temperature	21.2 C	20.7 C	20.1 C
	Diluted Sample Extract with DI Water		
	Non Aerated Sample	**Aerated Sample**	
Sample Volume	50 mL	50 mL	
DI Water Volume	50 mL	50 mL	
Dissolved Oxygen	8.80 mg/L	8.73	8.80 mg/L
	Peeled Sample (tested shells and nuts with skin)		
	Non Aerated Sample	**Aerated Sample**	
Sample Weight	Not Tested	100g	
Vol. of DI Water		500 mL	
Dissolved Oxygen		8.25 mg/L	8.80

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.

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2186 Eastman Avenue, Suite 103, Ventura, CA 93003, (805) 477-0114, Fax (805) 477-0125
www.zalcolabs.com

CHAIN OF CUSTODY, ID# 211096

Client PO:
Project ID:
Quote ID:

ANALYSIS REQUESTED

COMPANY	Setton Pistachios
CONTACT	Fernando Rios
PHONE	559-359-1885 FAX
ADDRESS	P.O. Box 11089
	Terra Bella CA, 93270
E-MAIL	frios@@settonfarms.com
SAMPLER (SIGNATURE)	

LAB #	SAMPLE DESCRIPTION	DATE	TIME	TYPE *	# OF CONTAINERS	Special Project (see attachment)	Type of Containers	Sample Matrix	TEMPERATURE (C)	COMMENTS / Notes
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Turnaround Time:
Routine (# working days) X
Rush By 5 Working Days
EDT
State Form
EMAIL

153c

Relinquished By:	Company	Date	Time	Received By:	Company:
Julian Carrillo	Zalco Laboratories Inc.	10/21/2021		AMG 10/21/21 1603	Zalco

NOTE: Samples Discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.

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Setton Pistachio of Terra Bella
Oxygen Scavenger in Wastewater

Prepared by Michael Gerardi & Associates, LLC
570-974-1585
12 November 2021

The wastewater pit in Setton Pistachio's wastewater collection and treatment facility experiences a low pH (< 5.5) and low dissolved oxygen concentration, often < 1.0 mg/L. Low pH is undoubtedly due to the acidic nature of the pistachio and the chemical and biological oxygen of an oxygen scavenger. Sulfide (HS^-) is the suspected oxygen scavenger.

The pistachio is rich in sulfur. Therefore, the soil supporting the growth of the pistachio must contain a rich supply of a sulfur nutrient. Sulfur is available as a nutrient in the sulfide (HS^-) form and is chelated in the soil. Sulfide is the preferred form of the sulfur nutrient, since sulfur is in the -2 valence (in sulfide) that is required for cellular assimilation. Under an acidic pH the chelated sulfide undergoes acid hydrolysis. Hydrolysis releases sulfide.

Under an acidic pH some sulfide is converted to hydrogen sulfide (H_2S). Hydrogen sulfide may be present in the aqueous (dissolved) form and/or gaseous form. Hydrogen sulfide and sulfide can be chemically oxidized to elemental sulfur (S^0) and biological oxidized to sulfate (SO_4^{2-}) and then sulfuric acid (H_2SO_4) (Equation 1 and Equation 2, respectively). There are numerous sulfur-oxidizing bacteria that produce sulfuric acid in a pH environment as low as 1.5. The production of sulfuric acid lowers pH and favor acid hydrolysis of chelated sulfide. The chemical and biological oxidation of sulfide consumes dissolved oxygen.

$$2\ H_2S + O_2 \text{ ------ } > 2\ H_2O + 2\ S^0$$
Chemical oxidation of hydrogen sulfide
Equation 1

$$H_2S + 2\ O_2 \text{ ------ } > SO_4^{2-} \text{ ------ } > H_2SO_4$$
Equation 2
Biological oxidation of hydrogen sulfide

The increase in sulfate from the wash water to the pit is reflective of the present of sulfide in the wastewater. Although a relatively small decrease in dissolved oxygen is noted in laboratory bench tests to monitor for the presence of a scavenger, it is suspected that a larger quantity of pistachios, hulls or soil may be needed to demonstrate a significant decrease in dissolved oxygen. Pistachios, hulls and soil are suspect as reservoirs of sulfide.

If sulfide or similar oxygen scavenger is responsible for significant decrease in dissolved oxygen concentration in the wastewater treatment facility, the scavenger and its impact upon dissolved oxygen may be controlled via chlorination of the wastewater. Chlorination with sodium chlorite ($NaClO_2$) would oxidize sulfide to elemental sulfur (Equation 3).

$$2\ H_2S + NaClO_2 \text{ ------ } > 2\ S^0 + 2\ H_2O + NaCl.$$

Equation 3

Chlorination of sulfide with sodium chlorite

The quantity of sodium chlorite needed to oxidize sulfide may be nine times the quantity of sulfide to be oxidized. Before chlorination of sulfide or hydrogen sulfide is practiced, an assessment of the impact of sodium chlorine (a product in the chlorination of hydrogen sulfide) in agricultural land and the growth of pistachios or other crops must be evaluated. If the use of sodium chlorite or other chlorine-containing compound is successful in controlling sulfide, then a cost-effective mode of operation can be employed to prevent depletion of dissolved oxygen.

Setton Pistachio of Terra Bella
Oxidation of the Oxygen Scavenger Sulfide (HS-)

Prepared by Michael Gerardi & Associates, LLC
570-975-1585
25 November 2021

Background

Sulfide (HS^-) is an oxygen scavenger. It is found in the waste stream that discharges to the "pit" in the Setton Pistachio wastewater treatment facility. It is present as a component of the pistachio, a component of soil washed from the pistachio and the reduction of sulfate (SO_4^{2-}) in the wash water. The reduction of sulfate or sulfide formation occurs when sulfur-reducing bacteria use sulfate to degrade soluble cBOD in the waste stream (Equation 1). Sulfide formation results in the production of new bacterial cells or sludge, cellular energy, cellular heat, water, carbon dioxide, sulfide, hydrogen sulfide and acetic acid. As the pH of the waste stream decreases, *i.e.*, < 7.0, sulfide is converted to hydrogen sulfide (H_2S). Hydrogen sulfide is toxic and is an offensive odorous compound.

cBOD + SO_4^{2-} --- sulfur-reducing bacteria --- >
bacterial cells (sludge) + energy + heat + H_2O + CO_2 + HS^- + H_2S + CH_3COOH
Equation. 1

In the presence of oxygen, sulfide can be biologically (Equation 2) or chemically (Equation 3) oxidized. Biological oxidation results in the formation of sulfate and sulfuric acid (H_2SO_4). Sulfuric acid destroys alkalinity and lowers pH. Chemical oxidation results in the formation of elemental sulfur (S^0). Elemental sulfur does not destroy alkalinity and lower pH. When sulfide is oxidized chemically, sulfide is referred to as an oxygen scavenger. Biological oxidation of sulfide and chemical oxidation of sulfide consume relatively large quantities of dissolved oxygen.

$H_2S + O_2$ --- sulfur-oxidizing bacteria --- > SO_4^{2-} ------ > H_2SO^4
Equation 2

$2\ H_2S + O_2$ ------ > $2\ H_2O + 2\ S^0$
Equation 3

Laboratory data indicate the formation of sulfate from sulfide. However, not all sulfide is converted or oxidized to sulfate. Therefore, in addition to the chemical oxidation (oxygen scavenger) of sulfide to elemental sulfur, biological oxidation of sulfide to sulfate would explain the reduction in pH and the difficulty in maintaining an acceptable, near neutral pH (6.8 to 7.2) in the Setton Pistachio wastewater treatment facility. The low pH of the waste stream promotes the production of hydrogen sulfide production.

To correct for the biological and chemical oxidation of sulfide, it is recommended that an oxidizing agent/disinfecting agent be applied to the sulfide-containing waste stream. The

oxidizing action of the agent would convert sulfide to either sulfate or elemental sulfur and reduce the oxygen demand in the waste stream, and the disinfection action of the agent would reduce the number of not only sulfur-reducing bacteria but also fermentative or fatty acid producing bacteria.

To oxidize sulfide and disinfect undesired bacterial growth, two critical operational conditions should be address: pH and contact time. Oxidation of sulfide is better achieve at pH $\geq$ 6.5 when sulfide is in solution. If the pH is < 6.5, sulfide is present mostly as hydrogen sulfide. Hydrogen sulfide is less reactive to oxidation than sulfide. Therefore, the addition of an oxidizing agent should be made to the waste stream where the pH is favorable, *i.e.*, > 6.5. Oxidation of sulfide typically requires from 5 to 15 minutes retention time depending on the chemical used for oxidation.

Disinfection is most effective where adequate mixing action is available. Disinfection typically requires at least 30 minutes of contact time. Therefore, in order to oxidize sulfide and disinfect undesired bacterial growth, the addition of the oxidizing agent should be made upstream of the pit, *i.e.*, before the sulfur-oxidizing bacteria have the opportunity to produce sulfur acid in the pit.

Oxidizing/disinfecting agents: overview

The production of sulfuric acid is suspected as one of three reasons that the Setton Pistachio wastewater treatment facility experiences an acidic pH. The additional reasons are: 1) the acidic nature of the pistachio and 2) the anaerobic degradation of the pistachio wastes that produced fatty acids. The later, degradation of pistachio waste, is being addressed through the removal of wastes through floatation upstream the lagoons and reduction of retention time of the waste stream in the lagoons.

There are several oxidizing/disinfection agents that can be added to the waste stream to oxidize sulfide and provide disinfection. The commonly used agents include: 1) chlorine-containing compounds, *e.g.*, calcium hypochlorite ($Ca[OCl]_2$), sodium hypochlorite (NaOCl) or sodium hypochlorite ($NaClO_2$), 2) hydrogen peroxide (H_2O_2), 3) ozone (O_3) and 4) potassium permanganate ($KMnO_4$). The oxidizing agents also increase the oxidation-reduction potential (ORP) of the waste stream, and some, hydrogen peroxide and ozone release oxygen to the waste stream.

Chlorine-containing compounds

Sodium hypochlorite is more often used than calcium hypochlorite. Sodium hypochlorite is less expensive to use, safer to use and does not produce a chemical sludge. The use of sodium hypochlorite increases the pH of the waste stream through the production of sodium hydroxide (NaOH) (Equation 4). Although the increase in pH is desired at the Setton Pistachio wastewater treatment facility, the increase in pH favors the production of hypochlorite (OCl-) over hypochlorous acid (HOCl). Hypochlorite is less effective in disinfection as compared to hypochlorous acid. However, the oxidation of hydrogen sulfide with sodium hypochlorite results in the production of sulfuric acid and salt or sodium

chloride (NaCl) (Equation 5). Sodium chloride may be unacceptable for agricultural purposes and may contribute to aquifer contamination.

$$2\ NaOCl + 2\ H_2O \text{ ------ } > 2\ NaOH + HOCl + OCl^- + H^+$$

Equation 4

$$H_2S + 4\ NaOCl \text{ ------ } > H_2SO_4 + 4\ NaCl$$

Equation 5

In lieu of the use of sodium hypochlorite, sodium chlorite ($NaClO_2$) may be used. Here, the oxidation of hydrogen sulfide results in the production of elemental sulfur and again salt or sodium chloride (Equation 6).

$$2\ H_2S + NaClO_2 \text{ ------- } > 2\ S^0 + 2\ H_2O + NaCl$$

Equation 6

The quantity of the chlorine-containing compound needed to oxidize hydrogen sulfide may be nine times the concentration of hydrogen sulfide to be oxidized.

Hydrogen peroxide

Hydrogen peroxide (H_2O_2) typically is injected upstream of the source of sulfide or hydrogen sulfide. This is due to the very rapid reaction of hydrogen peroxide with sulfide or hydrogen peroxide. Approximately 90% of the reaction occurs within 15 minutes after hydrogen peroxide addition to the waste stream. Hydrogen peroxide lowers the pH of the waste stream. The pH of 50% hydrogen peroxide is approximately 4.5.

Depending on the pH of the waste stream, hydrogen sulfide may be oxidized to elemental sulfur at an acidic pH (Equation 7) or sulfate at an alkaline pH (Equation 8).

$$H_2S + H_2O_2 \text{ --- acid pH--- } > S^0 + 2\ H_2O$$

Equation 7

$$HS^- + 4\ H_2O_2 \text{ --- alkaline pH --- } > SO_4^{2-} + 4\ H_2O + H^+$$

Equation 8

The quantity of the hydrogen peroxide needed to oxidize hydrogen sulfide is pH dependent. Approximately 1 pound of hydrogen peroxide is needed to oxidize 1 pound of hydrogen sulfide when the waste stream is pH neutral or slightly acidic. Approximately 4.5 pounds of hydrogen peroxide is needed to oxidize 1 pound of hydrogen peroxide when the waste stream is pH alkaline.

Ozone

Ozone (O_3) is a very strong oxidant and disinfectant. Although ozone is more soluble in wastewater than oxygen (O_2) and releases oxygen to the waste stream, turbulence in the waste can release excess ozone and oxygen to the atmosphere. In addition, ozone must be generated on-site.

In order for ozone to be an effective disinfectant a residual ozone concentration must be maintained after sulfide oxidation. The oxidation of sulfide results in the production of oxygen (Equation 9). If an ozone concentration can be maintained after sulfide oxidation, the use of ozone would provide three benefits for the Setton Pistachio wastewater treatment facility: 1) oxidation of sulfide, 2) disinfection of sulfur-reducing bacteria and fermentative bacteria and 3) production of oxygen. However, it should be noted that disinfection with ozone as well as any of the oxidizing agents presented in this report also disinfect beneficial bacteria.

$$HS^- + 3\ O_3 \text{ ------ } > HSO_3^- + 3\ O_2$$

Equation 9

Potassium permanganate

Potassium permanganate ($KMnO_4$) is often over-looked as an oxidizing agent and disinfecting agent due to its cost and discoloration of a waste stream. However, potassium permanganate is a relatively strong oxidizing agent and disinfecting agent.

Depending on the pH of the waste stream, the oxidation of sulfide with potassium permanganate results in the production of several compounds. Under an acidic condition, elemental sulfur and potassium hydroxide (KOH) are produced (Equation 10). Potassium hydroxide increases the pH of the waste stream.

$$3\ H_2S + 2\ KMnO_4 \text{ ------ } > 3\ S^0 + 2\ KOH + MnO_2 + H_2O$$

Equation 10

Under an alkaline condition, potassium sulfide (K_2SO_4) and potassium hydroxide. Potassium hydroxide increases the pH of the waste stream. With swings in pH a large variety of sulfur-containing compounds are produced.

A relatively large dose of potassium permanganate is required to control sulfide. Approximately 6 to 7 parts potassium permanganate are required for each part hydrogen sulfide to be oxidized.

Selection of an Oxidizing Agent/Disinfecting Agent

The appropriate oxidizing agent/disinfecting agent selected for use at the Setton Pistachio wastewater treatment facility should take into consideration the following concerns:

- oxidation of sulfide, not disinfection is the priority in controlling offensive odor production,

- the average quantity of sulfide to be oxidized each day during harvest season should be determined,
- logistics of concern for the selection of the oxidizing agent include: cost, safety of the agent, storage of the agent, necessary and compatible chemical feed pump(s), site(s) of injection of the agent, impact of pH on the effectiveness of the agent, change in pH change by the addition of the chemical and monitoring the change in the waste stream via ORP monitoring, DO monitoring and changes in forms and quantities of sulfur-containing compounds and
- sulfate (SO_4^{2-}) production may contribute to the production of sulfide and hydrogen sulfide downstream of its production, if sulfide formation occurs.

Setton Pistachio of Terra Bella
Odor Production and Oxidation-reduction Potential (ORP)

Monitoring Odor Production via Dissolved Oxygen v. ORP Monitoring

Prepared by Michael Gerardi & Associated=s, LLC
570-974-1585
20 November 2021

Respiration and odor production

There are four basic forms of respiration (degradation) of soluble cBOD in wastewater treatment processes: 1) aerobic respiration (Equation 1), 2) anoxic respiration (Equation 2), 3) sulfide formation (Equation 3) and 4) fermentation (Equation 4). Each from of respiration requires the presence of soluble cBOD. Each forms of respiration results in the formation of products or compounds. However, only sulfide formation and fermentation produce odorous compounds.

Equation 1, aerobic respiration:
requires the use of oxygen (O_2) or dissolved oxygen (DO)

cBOD + O_2 --- aerobic or facultative anaerobic bacteria --- >

cellular energy + heat + new bacterial cells (sludge)

+ H_2O + CO_2

+ NH_4^+ + PO_4^{3-} + SO_4^{2-}

Aerobic respiration results in the production of cellular energy, heat, new bacterial cells or sludge, water, carbon dioxide, ammonium, phosphate and sulfate. No odorous compound is produced.

A dissolved oxygen probe can monitor the presence of DO as well as changes in DO. It cannot monitor the presence of nitrate (NO_3^-), sulfate (SO_4^{2-}) or soluble cBOD (organic compounds (CH_2O)). An ORP probe can measure the presence and changes in DO, NO_3^-, SO_4^{2-} and CH_2O.

Equation 2, anoxic respiration:
requires the use of nitrate (NO_3^-)

cBOD + NO_3^- --- facultative (denitrifying) bacteria --- >

cellular energy + heat + new bacterial cells (sludge)

+ H_2O + CO_2

+ NH_4^+ PO_4^{3-} + SO_4^{2-}

+ N_2 + N_2O + OH^-

Anoxic respiration results in the production of cellular energy, heat, new bacterial cells or sludge, water, carbon dioxide, ammonium, phosphate, sulfate, molecular nitrogen, nitrous oxide and hydroxide. No odorous compound is produced. A DO probe cannot detect the use of nitrate for respiration.

Equation 3, sulfide formation:
requires the use of sulfate (SO_4^{2-})

cBOD + SO_4^{2-} --- sulfur-reducing bacteria --- >

cellular energy + heat + new bacterial cells (sludge)

+ H_2O + CO_2

+ NH_4^+ + PO_4^{3-}

+ HS^- + H_2S

+ Acetic acid (CH_3COOH) + OH^-

Sulfide formation results in the production of cellular energy, heat, new bacterial cells or sludge, water, carbon dioxide, ammonium, phosphate, sulfide, hydrogen sulfide, acetic acid and hydroxide. Hydrogen sulfide (H_2S), an offensive odorous gas and acetic acid (CH_3COOH), an offensive odorous vapor are produced. Sulfide formation results in odor production, and the use of a DO probe cannot detect the use of sulfate for respiration.

Equation 4, fermentation:

requires the use of a soluble organic molecule (CH_2O)

cBOD --- fermentative bacteria --- >

cellular energy + heat + new bacterial cells (sludge)

+ H_2O + CO_2

+NH_4^+ + PO_4^{3-}

+ HS^- + H_2S

+ volatile fatty acids + aldehydes + ketones

+ volatile nitrogen-containing organic compounds

+ sulfur-containing organic compounds

Fermentation results in the production of cellular energy, heat, new bacterial cells or sludge, water, carbon dioxide, ammonium, phosphate, sulfide, hydrogen sulfide, aldehydes, ketones, volatile nitrogen-containing compounds and volatile sulfur-containing compounds. Numerous offensive odorous compounds are produced. The compounds include hydrogen sulfide, volatile fatty acids, aldehydes, ketone, volatile nitrogen-containing organic compounds and volatile sulfur-containing organic compounds. The use of a DO probe cannot detect the use of an organic compound for respiration.

ORP guideline values

If DO is depleted and soluble cBOD is available for respiration, odor production via respiration would not occur; if nitrate is available, *i.e.*, anoxic respiration would occur. Therefore, the depletion of DO as monitored by DO would indicate odor production. However, if an ORP probe detected the presence of nitrate, this would indicate that anoxic respiration would occur in the absence of measurable. Here, ORP monitoring rather than DO monitoring is a better technology to us to determine if offensive odor production is occurring.

Table 1 provides a guideline range of ORP values as measured in positive and negative millivolts (mV) when the different forms of respiration occur and consequently when offensive odor production occurs. Positive mV values are indicative an oxidative condition, while negative mV values are indicative of a reductive condition. Reductive conditions favor offensive odor production.

Table 1

Guideline Range of ORP Values for Different Forms of Respiration and Odor Production

Form of Respiration	Molecule Used for Respiration	ORP (mV) Range	Odor Production
Aerobic	O_2 or DO	+50 to +250	No
Anoxic	NO_3^-	+50 to -50	No
Sulfide formation	SO_4^{2-}	-50 to -250	YES
Fermentation	CH_2O	-100 to -225	YES

Requirements for offensive odor production

In order for offensive odor production to occur, there are four critical requirements. The requirements are: 1) presence of soluble cBOD, 2) absence of DO and nitrate, 3) presence of sulfate and/or soluble cBOD (CH_2O) and 4) presence of sulfur-reducing bacteria and/or fermentative bacteria.

If soluble cBOD is not present or produced through hydrolysis of insoluble cBOD, *e.g.,* starches over a relatively long retention time, *e.g*., two or more hours in a reactor then offensive odor production cannot occur. Retention time >2 hours is needed in order to solubilize compounds such as starches to soluble sugars.

Currently, the Setton Pistachio treatment facility does not retain wastewater in a reactor, holding tank or lagoon for more than two hours. If offensive odor production were to occur at the Setton Pistachio treatment facility, it would occur through sulfide formation or respiration. DO monitoring cannot detect sulfide formation or fermentation. ORP monitoring can. Therefore, ORP testing is a more appropriate "tool" for monitoring the production of offensive odors than DO testing.

Technical notes that favor the use of ORP monitoring in lieu of or in addition to DO monitor include the following: 1) oxygen is poorly soluble in wastewater, 2) nitrate, sulfate and numerous forms of cBOD are highly soluble in wastewater, 3) oxygen stratifies in wastewater and 4) nitrate, sulfate and numerous forms of cBOD do not stratifies as easily as oxygen in wastewater. Also, oxygen scavenger, *e.g.,* sulfide in wastewater can reduce the quantity of oxygen and nitrate without the occurrence of respiration. ORP monitoring can detect the reduction of oxygen and nitrate. DO monitoring can only detect the reduction of oxygen.

The appendix on page 5 lists publications that review ORP and its applications for the water and wastewater treatment industries. The articles also present background information on ORP.

Appendix I

James, C. and *et. al*. 2004. *Relationship between oxidation-reduction potential, oxidant, and pH in drinking water.* Paper present at the American Water Works Association, Water Quality Conference.

Lie, E. and T. Welander. 1994. *Influence of dissolved oxygen and oxidation-reduction potential on the denitrification rate of activated sludge*. *Water Sci. Techno*. 30(6), pp. 91 – 100.

Ndegwa, P. and *et. al*. 2007. *Potential strategies for process and monitoring of stabilization of dairy wastewaters in batch aerobic treatment systems*. Process Biochemistry. 42, pp. 1272 – 1278.

Schom, G. and *et. al*. 1993. Influence of dissolved oxygen and oxidation-reduction potential on phosphate release and uptake by activated sludge from sewage plants with enhanced biological phosphorus removal. *Water Research*. 27(2), pp. 349 – 354.

Field Measurement of Oxidation-Reduction Potential (ORP). 2017. Publication by US EPA, Region4, Science and Ecosystem Support Division. Athens, Georgia. 22 pp.

Corporate Office | 5640 Cox Road | Glen Allen, Virginia 23060
(804) 935-2000 | www.chemtreat.com

April 27, 2021
Clay Rodgers
Assistant Executive Officer
Central Valley Regional Water Quality Control Board
1685 E Street
Fresno, CA 93706

ChemTreat conducted a two-week trial to treat the wastewater from Setton Farms. Our coagulant, P891GR and flocculant, P817E were added into an air flotation unit (DAF) to determine the level of Total Suspended Solids (TSS) that can be removed. On 10/13/20, we obtained samples of the water before and after treatment. Below, is a summary of our results:

The TSS level was measured at 1940 ppm prior to treatment. After treatment, it was measured at 166 ppm. This represents a 91.44% removal.

	Before	After	% Removal
TSS	1940	166	91.44%

A DAF is designed to remove a TSS level of 2500 PPM at the designed maximum flow rate of 1400 gpm with minimal use of a coagulant and/or flocculant method. Expected removal rate calculations (TSS) are based on the surface area of the DAF. If the TSS of the feed exceeds the 2500 PPM level, our coagulant and flocculant can be increased and the DAF parameters can be adjusted, which will treat TSS levels up to 5000 PPM at the designed maximum flow rate of 1400 gpm. If the TSS exceeds 5000 PPM, desired results can be obtained by lowering the feed rate to the unit by 1000 – 1200 gpm and expansion storage tanks can be added to the DAF system to allow for variable feed rates.

Pistachio wastewater has both soluble BOD and insoluble BOD and some reduction would be expected. While BOD was not analyzed during the initial active trial at Setton Farms, previous trials for similar waste-water conditions and similar TSS removal, we found a BOD reduction of 12%:

	Before	After	% Removal
BOD	5000	4400	12.0%

Corporate Office | 5640 Cox Road | Glen Allen, Virginia 23060
(804) 935-2000 | www.chemtreat.com

The analysis below shows the wastewater before and after treatment with the percent removal of elements of concern:

ChemTreat Laboratory Results - Setton Farms 10/31/2020 DAF feed & discharge analysis

Analysis	DAF FEED	DAF DISCHARGE	PERCENT REMOVAL
	Oct 13, 2020	Oct 13, 2020	
Lab pH	5.63	6.19	NA
Conductivity	8599 umho	8229 umho	4.30%
P-Alkalinity, as CaCO3	<1 mg/L	<1 mg/L	NA
M-Alkalinity, as CaCO3	2043 mg/L	2008 mg/L	NA
Calcium Hardness, as CaCO3	327 mg/L	321 mg/L	1.83%
Magnesium Hardness, as CaCO3	288 mg/L	256 mg/L	11.11%
Iron, as Fe	3.1 mg/L	0.75 mg/L	75.81%
Copper, as Cu	0.21 mg/L	0.22 mg/L	NA
Zinc, as Zn	0.14 mg/L	0.52 mg/L	NA
Sodium, as Na	136 mg/L	106 mg/L	22.06%
Potassium, as K	2704 mg/L	2413 mg/L	10.76%
Chloride, as Cl	81 mg/L	98 mg/L	NA
Sulfate, as SO4	77 mg/L	109 mg/L	NA
Nitrate, as NO3	4.3 mg/L	4.4 mg/L	NA
Ortho-Phosphate, as PO4	142 mg/L	113 mg/L	20.42%
Filtered Phosphate, as OPO4	137 mg/L	112 mg/L	18.25%
Silica, as SiO2	26 mg/L	20 mg/L	23.08%
Nitrite, as NO2	<2.5 mg/L	<2.5 mg/L	NA
Ammonia, as NH3	<0.1 mg/L	<0.1 mg/L	NA
Manganese, as Mn	0.65 mg/L	0.46 mg/L	NA
Particle Size Distribution	m	m	
TOC	4231 mg/L	3719 mg/L	12.10%
Total Suspended Solids	1940 mg/L	166 mg/L	91.44%

Please let me know if you have any questions.

Bill Roth, P.E.
Senior Engineering Executive, ChemTreat
M: 480-208-9994
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APPENDIX C. MRP R5-2019-0802-01

11 September 2020

Jeffrey Gibbons, Plant Manager
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Terra Bella, CA 93270

CERTIFIED MAIL AND VIA EMAIL
7019 2970 0001 5202 3927

Jose Torres, Facility Manager
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Terra Bella, CA 93270

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REVISED MONITORING AND REPORTING PROGRAM R5-2019-0802-01, SETTON PISTACHIO OF TERRA BELLA, INC. AND PORTERVILLE CITRUS, INC., TERRA BELLA PISTACHIO FACILITY AND CITRUS PACKING HOUSE, TULARE COUNTY

On 25 August 2020, Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff issued for your review an administrative draft of Revised Monitoring and Reporting Program (MRP) R5-2019-0802-01 for the Setton Pistachio of Terra Bella, Inc. (Setton) and Porterville Citrus, Inc. (Porterville Citrus) facilities in Terra Bella, California.

On 2 September 2020, Craig Hartman of Hartman Engineering submitted comments on the administrative draft MRP on behalf of Setton. On 3 September 2020, Central Valley Water Board staff met with Mr. Hartman and Setton representatives (virtually via Zoom) to discuss the comments and to answer questions regarding the proposed Revised MRP.

Central Valley Water Board staff has made changes to Revised MRP R5-2019-0802-01 in response to the comments received.

Revised MRP R5-2019-0802-01 is enclosed. Setton and Porterville Citrus shall implement Revised MRP R5-2019-0802-01 beginning **18 September 2020**. This MRP supersedes Revised MRP R5-2019-0802 issued by Central Valley Water Board staff in January 2019.

If you have any questions regarding this matter, please contact Omar Mostafa at (559) 445-5197 or omar.mostafa@waterboards.ca.gov.

Russell W. Walls

RUSSELL W. WALLS, PE
Senior Engineer

Enclosure: Revised MRP R5-2019-0802-01

cc: Daniel S. Kippen, Esq., State Water Resources Control Board – Office of Enforcement, Sacramento (email only)

David Lancaster, Esq., State Water Resources Control Board – Office of Chief Counsel, Sacramento (email only)

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Mariah Thompson, Esq., California Rural Legal Assistance, Inc., Fresno (email only)

Lupe Cipres, Interested Party, Terra Bella's Voice for Change, Terra Bella (email only)

Fred Beltran, Interested Party, Terra Bella's Voice for Change, Terra Bella (email only)

Nayamin Martinez, Interested Party, Central California Environmental Justice Network, Fresno (email only)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

REVISED MONITORING AND REPORTING PROGRAM R5-2019-0802-01
FOR
SETTON PISTACHIO OF TERRA BELLA, INC.
TERRA BELLA PISTACHIO FACILITY
AND
PORTERVILLE CITRUS, INC.
CITRUS PACKING HOUSE
TULARE COUNTY

Issued pursuant to Water Code section 13267, this Monitoring and Reporting Program (MRP) supersedes Revised MRP R5-2019-0802, which was issued on 25 January 2019 jointly for the Setton Pistachio of Terra Bella, Inc. (Setton) Terra Bella Pistachio Facility and Porterville Citrus, Inc. (Porterville Citrus) Citrus Packing House.

Setton and Porterville Citrus (collectively, Dischargers) are each individually responsible for compliance with this MRP and shall not implement any changes to this MRP unless the California Regional Water Quality Control Board Central Valley Region (Central Valley Water Board) adopts or the Executive Officer issues a revised MRP. The monitoring and reports required under this MRP are necessary to verify Setton's compliance with Waste Discharge Requirements (WDRs) Order 92-191 and Cease and Desist Order R5-2020-0038 and Porterville Citrus' compliance with WDRs Order 94-302.

REQUIREMENTS

A. General Provisions

1. **Field Test Instruments**—Field test instruments (such as for pH, electrical conductivity [EC], and dissolved oxygen [DO]) may be used provided that the operator is trained in the proper use of the instrument and each instrument is serviced and/or calibrated at the recommended frequency by the manufacturer and in accordance with manufacturer instructions.

2. **Analytical Procedures**—Analytical procedures shall comply with the methods and holding times specified in the current versions of the following:

    a. Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater (USEPA)

    b. Test Methods for Evaluating Solid Waste (USEPA)

    c. Methods for Chemical Analysis of Water and Wastes (USEPA)

d. Methods for Determination of Inorganic Substances in Environmental Samples (USEPA)

e. Standard Methods for the Examination of Water and Wastewater (APHA/AWWA/WEF)

f. Soil, Plant and Water Reference Methods for the Western Region (WREP 125)

Approved editions shall be current versions of those that are approved for use by the United States Environmental Protection Agency (USEPA) or the State Water Board Environmental Laboratory Accreditation Program (ELAP). The Dischargers may propose alternative methods for approval by the Executive Officer.

3. **General Minerals**—For the purposes of this MRP, analyses for "General Minerals" shall include, at a minimum, analyses for alkalinity (as $CaCO_3$), bicarbonate (as $CaCO_3$), boron, calcium, carbonate (as $CaCO_3$), chloride, hardness (as $CaCO_3$), iron, magnesium, manganese, phosphate, potassium, sodium, sulfate, and an anion/cation balance.

4. **Requests for Modifications**—If monitoring consistently shows no significant variation in magnitude of a constituent concentration or parameter after at least 8 months of monitoring and/or the Dischargers submit an engineering analysis demonstrating the adequacy and effectiveness of their wastewater treatment and disposal systems, the Dischargers may request the MRP be revised to reduce monitoring requirements (frequencies and/or constituents/parameters). The proposal must include adequate technical justification for the requested reduction in monitoring.

5. **Representative Sampling**—All samples shall be representative of the volume and nature of the discharge or matrix of material sampled.

6. **Standard Provisions**—All analyses shall be performed in accordance with Standard Provisions and Reporting Requirements for Waste Discharge Requirements dated 1 March 1991 (Standard Provisions) issued by the Central Valley Water Board.

B. Monitoring Requirements

1. **Monitoring Locations**—The Dischargers shall monitor the following locations to demonstrate compliance with the requirements of this Order. Changes to sample locations shall be established with concurrence of Central Valley Water Board staff, and a description of the revised locations shall be submitted for approval by the Executive Officer.

Table 1—Monitoring Locations and Descriptions

Location	Description	Monitoring Requirements
EFF-001	Commingled Wastewater and Stormwater from the Citrus Packing House at the New Concrete Pit (also referred to as the New Citrus Pit).	Table 2
EFF-002	Wastewater from the Terra Bella Pistachio Facility at the Pistachio Wastewater Pit	Table 3
EFF-003	Commingled effluent discharged from the 350 acre-foot lined pond (i.e., Treatment/Storage Pond) to land application areas (LAAs)	Table 4
EFF-004	Wastewater collected from within the Gunite-Lined Pond	Table 5
EFF-005	Commingled wastewater discharged from the Gunite-Lined Pond following filtration	Table 6
EFF-006	Commingled effluent discharged from the West Pond/East Pond	Table 7
EFF-007	Commingled effluent discharged to LAA Blocks 1-4 and/or 14-24	Table 8
EFF-008	Commingled effluent discharged to LAA Blocks 5-13 and/or 14-24	Table 9
EFF-0XX	Additional Effluent Monitoring Points (as proposed by the Dischargers)	See § B.2.i
PND-001	At the Treatment/Storage Pond	Table 10

Location	Description	Monitoring Requirements
PND-002	At the East Pond	Table 10
PND-003	At the West Pond	Table 10
PND-004	At the Padula Pond	Table 10
SPL-001	Location where a representative sample of the Terra Bella Irrigation District supply water can be obtained.	Table 11
SIW-001	Location where a representative sample of the supplemental irrigation water can be obtained.	Table 12
LAA-001 through LAA-0XX	Land Application Areas (LAAs)	Table 13, § A.1.c
PRM-001 through PRM-0XX	Perimeter Monitoring Locations to be proposed by Dischargers within 10 days of order, and upon Central Valley Water Board staff written concurrence, incorporated herein.	Table 14

See Glossary for definitions of terms and acronyms in table.

Effluent monitoring points **EFF-001 through EFF-008** are depicted in the Wastewater Collection & Treatment Flow Schematic on **Attachment A**, which is incorporated herein.

2. Effluent Monitoring

a. Citrus Wash Water (Porterville Citrus)—Effluent samples shall be collected at **EFF-001**. Time of collection of the sample shall be recorded. Effluent monitoring shall be performed year-round, in accordance with **Table 2** below.

Table 2—Effluent Monitoring for Citrus Wash Water (Porterville Citrus, EFF-001)

Constituent or Parameter	Units	Sample Type	Frequency
Effluent Flow [1]	MGD	Metered	Weekly
DO	mg/L	Grab	Weekly
pH	pH Units	Grab	Weekly
EC	µmhos/cm	Grab	Weekly
BOD_5	mg/L	Grab	Monthly
FDS	mg/L	Grab	Monthly
TSS	mg/L	Grab	Monthly
TDS	mg/L	Grab	Monthly
Nitrate as Nitrogen	mg/L	Grab	Monthly
Nitrite as Nitrogen	mg/L	Grab	Monthly
Ammonia as Nitrogen	mg/L	Grab	Monthly
TKN	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Computed	Monthly
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	Monthly

See Glossary for definitions of terms and acronyms in table.

Table 2 Notes

[1] Flow shall be determined at the citrus wastewater flow meter located between the New Concrete Pit and the pit prior to discharging citrus wastewater into the Gunite Lined Pond.

b. Pistachio Process Wastewater (Setton)—Effluent samples shall be collected at **EFF-002**. Time of collection of the sample shall be recorded. Effluent monitoring shall be performed year-round, in accordance with **Table 3** below.

Table 3—Effluent Monitoring for Pistachio Process Wastewater (Setton, EFF-002)

Constituent or Parameter	Units	Sample Type	Frequency
Effluent Flow [1]	MGD	Metered	Daily
DO	mg/L	Grab	2/Month, Monthly[2]
pH	pH Units	Grab	2/Month, Monthly[2]
EC	µmhos/cm	Grab	2/Month, Monthly[2]
BOD_5	mg/L	Grab	2/Month, Monthly[2]
FDS	mg/L	Grab	2/Month, Monthly[2]
TSS	mg/L	Grab	2/Month, Monthly[2]
TDS	mg/L	Grab	2/Month, Monthly[2]
Nitrate as Nitrogen	mg/L	Grab	2/Month, Monthly[2]
Nitrite as Nitrogen	mg/L	Grab	2/Month, Monthly[2]
Ammonia as Nitrogen	mg/L	Grab	2/Month, Monthly[2]
TKN	mg/L	Grab	2/Month, Monthly[2]
Total Nitrogen	mg/L	Computed	2/Month, Monthly[2]
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	2/Month, Monthly[2]

See Glossary for definitions of terms and acronyms in table.

Table 3 Notes

[1] Flow shall be determined at a flow meter to be installed at a point between the pistachio wastewater pit and the Gunite Lined Pond.

[2] Monitoring shall be conducted twice per month during the pistachio processing season (August through October) and monthly during non-processing months (November through July).

c. Commingled Effluent (Both Dischargers)—The Dischargers shall monitor the commingled effluent discharged from the Treatment/Storage Pond (**EFF-003**). Monitoring shall be performed year-round while wastewater is being discharged from the Treatment/Storage Pond, in accordance with **Table 4** below.

Table 4—Monitoring for Commingled Effluent at EFF-003

Constituent or Parameter	Units	Sample Type	Frequency
Effluent Flow [1]	MGD	Metered	Daily
pH	pH Units	Grab	Daily
EC	µmhos/cm	Grab	Daily
ORP	mV	Grab	Daily
BOD_5	mg/L	Grab	Monthly
FDS	mg/L	Grab	Monthly
TSS	mg/L	Grab	Monthly
TDS	mg/L	Grab	Monthly
Nitrate as Nitrogen	mg/L	Grab	Monthly
Nitrite as Nitrogen	mg/L	Grab	Monthly
Ammonia as Nitrogen	mg/L	Grab	Monthly
TKN	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Computed	Monthly

Constituent or Parameter	Units	Sample Type	Frequency
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	Monthly

See Glossary for definitions of terms and acronyms in table.

Table 4 Notes

[1] Flow shall be determined at an appropriate flow meter downstream of the Treatment/Storage Pond.

d. Commingled Effluent (Both Dischargers)—The Dischargers shall monitor wastewater from within the Gunite Lined Pond (**EFF-004**). Monitoring shall be performed year-round, in accordance with **Table 5** below.

Table 5—Monitoring for Commingled Effluent at EFF-004

Constituent or Parameter	Units	Sample Type	Frequency
DO	mg/L	Grab	Weekly
pH	pH Units	Grab	Weekly
EC	µmhos/cm	Grab	Weekly
BOD_5	mg/L	Grab	2/Month, Monthly[1]
FDS	mg/L	Grab	2/Month, Monthly[1]
TSS	mg/L	Grab	2/Month, Monthly[1]
TDS	mg/L	Grab	2/Month, Monthly[1]
Nitrate as Nitrogen	mg/L	Grab	2/Month, Monthly[1]
Nitrite as Nitrogen	mg/L	Grab	2/Month, Monthly[1]
Ammonia as Nitrogen	mg/L	Grab	2/Month, Monthly[1]
TKN	mg/L	Grab	2/Month, Monthly[1]

Constituent or Parameter	Units	Sample Type	Frequency
Total Nitrogen	mg/L	Computed	2/Month, Monthly[1]
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	2/Month, Monthly[1]

See Glossary for definitions of terms and acronyms in table.

Table 5 Notes

[1] Monitoring shall be conducted twice per month during the pistachio processing season (August through October) and monthly during non-processing months (November through July).

e. Commingled Effluent at EFF-005 (Both Dischargers)—The Dischargers shall monitor the commingled effluent discharged from the Gunite Lined Pond (**EFF-005**). The sample shall be collected after the filters. Monitoring shall be performed year-round, in accordance with **Table 6** below.

Table 6—Monitoring for Commingled Effluent at EFF-005

Constituent or Parameter	Units	Sample Type	Frequency
Effluent Flow [1]	MGD	Metered	Weekly
pH	pH Units	Grab	Weekly
EC	µmhos/cm	Grab	Weekly
BOD_5	mg/L	Grab	2/Month, Monthly[2]
FDS	mg/L	Grab	2/Month, Monthly[2]
TSS	mg/L	Grab	2/Month, Monthly[2]
TDS	mg/L	Grab	2/Month, Monthly[2]
Nitrate as Nitrogen	mg/L	Grab	2/Month, Monthly[2]
Nitrite as Nitrogen	mg/L	Grab	2/Month, Monthly[2]

Constituent or Parameter	Units	Sample Type	Frequency
Ammonia as Nitrogen	mg/L	Grab	2/Month, Monthly[2]
TKN	mg/L	Grab	2/Month, Monthly[2]
Total Nitrogen	mg/L	Computed	2/Month, Monthly[2]
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	2/Month, Monthly[2]

See Glossary for definitions of terms and acronyms in table.

Table 6 Notes

[1] Flow shall be determined at the commingled wastewater flow meter located just downstream of the Gunite Lined Pond and filters.

[2] Monitoring shall be conducted twice per month during the pistachio processing season (August through October) and monthly during non-processing months (November through July).

f. Commingled Effluent at EFF-006 (Both Dischargers)—The Dischargers shall monitor the commingled effluent discharged from the west/east irrigation mixing ponds (**EFF-006**). Monitoring shall be performed year-round, in accordance with **Table 7** below.

Table 7—Monitoring for Commingled Effluent at EFF-006

Constituent or Parameter	Units	Sample Type	Frequency
Effluent Flow [1]	MGD	Metered	Weekly
pH	pH Units	Grab	Weekly
EC	µmhos/cm	Grab	Weekly
BOD_5	mg/L	Grab	Monthly
FDS	mg/L	Grab	Monthly
TSS	mg/L	Grab	Monthly

Constituent or Parameter	Units	Sample Type	Frequency
TDS	mg/L	Grab	Monthly
Nitrate as Nitrogen	mg/L	Grab	Monthly
Nitrite as Nitrogen	mg/L	Grab	Monthly
Ammonia as Nitrogen	mg/L	Grab	Monthly
TKN	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Computed	Monthly
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	Monthly

See Glossary for definitions of terms and acronyms in table.

Table 7 Notes

[1] Flow shall be determined at a flow meter to be installed just downstream of the west/east irrigation mixing ponds.

g. Commingled Effluent at EFF-007 (Both Dischargers)—The Dischargers shall monitor the commingled effluent discharged to LAA Blocks 1-4 and/or 14-24 (**EFF-007**). Samples shall be collected after the sand filters. Monitoring shall be performed year-round, in accordance with **Table 8** below.

Table 8—Monitoring for Commingled Effluent at EFF-007

Constituent or Parameter	Units	Sample Type	Frequency
Effluent Flow [1]	MGD	Metered	Daily
pH	pH Units	Grab	Weekly
EC	µmhos/cm	Grab	Weekly
BOD_5	mg/L	Grab	Monthly
FDS	mg/L	Grab	Monthly

Constituent or Parameter	Units	Sample Type	Frequency
TSS	mg/L	Grab	Monthly
TDS	mg/L	Grab	Monthly
Nitrate as Nitrogen	mg/L	Grab	Monthly
Nitrite as Nitrogen	mg/L	Grab	Monthly
Ammonia as Nitrogen	mg/L	Grab	Monthly
TKN	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Computed	Monthly
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	Monthly

See Glossary for definitions of terms and acronyms in table.

Table 8 Notes

[1] Flow shall be determined at the existing flow meters located just upstream of the discharge points to LAA Blocks 1-4 and 14-24.

h. Commingled Effluent at EFF-008 (Both Dischargers)—The Dischargers shall monitor the commingled effluent discharged to LAA Blocks 5-13 and/or 14-24 (**EFF-008**). Samples shall be collected after the sand filters. Monitoring shall be performed year-round, in accordance with **Table 9** below.

Table 9—Monitoring for Commingled Effluent at EFF-008

Constituent or Parameter	Units	Sample Type	Frequency
Effluent Flow [1]	MGD	Metered	Daily
pH	pH Units	Grab	Weekly
EC	µmhos/cm	Grab	Weekly
BOD_5	mg/L	Grab	Monthly

Constituent or Parameter	Units	Sample Type	Frequency
FDS	mg/L	Grab	Monthly
TSS	mg/L	Grab	Monthly
TDS	mg/L	Grab	Monthly
Nitrate as Nitrogen	mg/L	Grab	Monthly
Nitrite as Nitrogen	mg/L	Grab	Monthly
Ammonia as Nitrogen	mg/L	Grab	Monthly
TKN	mg/L	Grab	Monthly
Total Nitrogen	mg/L	Computed	Monthly
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	Monthly

See Glossary for definitions of terms and acronyms in table.

Table 9 Notes

[1] Flow shall be determined at the existing flow meters located just upstream of the discharge points to LAA Blocks 5-13 and 14-24.

i. Additional Monitoring Points for Commingled Effluent (Both Dischargers)—As shown in Attachment A, this MRP requires that effluent be monitored prior to discharge to existing LAAs (Blocks 1-24).

i. In the event that any commingled effluent bypasses EFF-007 and EFF-008 (e.g., to reach new LAAs[1]), the Dischargers shall, prior to such bypasses:

(A) Submit for Central Valley Water Board staff review and Executive Officer approval a **technical report**

[1] As of the date of this Order, the Central Valley Water Board has not formally authorized any discharges to additional LAAs. Nothing in this Order shall be construed as such an authorization.

containing an updated Wastewater Collection & Treatment Flow Schematic, and proposed additional effluent monitoring points sufficient for monitoring all commingled effluent prior to discharge to LAAs[2]; and

(B) Receive written approval from the Executive Officer regarding the proposed new monitoring points (see MRP, § B.1).

ii. Upon Executive Officer approval of the technical report,[3] the new effluent monitoring points (i.e., EFF-009, EFF-010, etc.) shall be incorporated as part of this MRP. Thereafter, the Dischargers shall perform monitoring at the new effluent monitoring points in accordance with the parameters and frequencies specified per **Table 8** and **Table 9.**

3. Pond Monitoring—The Dischargers shall monitor the Treatment/Storage Pond **(PND-001**), East Pond (**PND-002**), West Pond (**PND-003**), and Padula Pond **(PND-004)** while wastewater is in the ponds. Permanent markers (e.g., staff gages) shall be placed in all ponds. The markers shall have calibrations indicating water level at the design capacity and available operational freeboard. Monitoring shall be performed year-round, in accordance with **Table 10** below.

Table 10—Pond Monitoring (PND-001 through PND-004)

Constituent or Parameter	Pond(s) Monitored	Units	Sample Type	Frequency
Freeboard	All Ponds	0.1 Feet	Observation	Weekly
Odor/Vectors	All Ponds	N/A	Observation	Daily
Berm Condition	All Ponds	N/A	Observation	Weekly
Liner Condition	Treatment/Storage Pond Only	N/A	Observation	Weekly

[2] The technical report shall identify LAA(s) associated with each new monitoring point.

[3] Executive Officer approval of new monitoring points shall not be construed as authorization for discharges to additional LAAs.

Constituent or Parameter	Pond(s) Monitored	Units	Sample Type	Frequency
DO [1]	All Ponds	mg/L	Grab	Daily
pH	All Ponds	pH Units	Grab	Weekly
EC	Treatment/Storage Pond Only	µmhos/cm	Grab	Weekly [2]
ORP	Treatment/Storage Pond Only	mV	Grab	Weekly [2]
BOD_5	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
FDS	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
TSS	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
TDS	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
Nitrate as Nitrogen	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
Nitrite as Nitrogen	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
Ammonia as Nitrogen	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
TKN	Treatment/Storage Pond Only	mg/L	Grab	Monthly [2]
Total Nitrogen	Treatment/Storage Pond Only	mg/L	Computed	Monthly [2]
General Minerals (see § A.3)	Treatment/Storage Pond Only	mg/L or µg/L (as appropriate)	Grab	Monthly [2]
Pan Lysimeter, Volume	Treatment/Storage Pond Only	Gallons	Metered	Annually [3]

Constituent or Parameter	Pond(s) Monitored	Units	Sample Type	Frequency
Pan Lysimeter, EC	Treatment/Storage Pond Only	µmhos/cm	Grab	Annually [3]

See Glossary for definitions of terms and acronyms in table.

Table 10 Notes

[1] DO shall be measured between 8:00 am and 9:00 am and shall be taken opposite the pond inlet at a depth of approximately one foot below the pond surface. For the Treatment/Storage Pond (PND-001), DO shall also be measured at a minimum of two additional representative locations within the pond. If there is less than one foot of water in the ponds, no sample shall be collected, and the reason shall be noted in the applicable monitoring report.

[2] Monitoring for this parameter is only required during times when wastewater is not being discharged from the Treatment/Storage pond and EFF-003 samples are not being analyzed. Notwithstanding this provision, pH shall be monitored in all ponds, regardless of whether a discharge is occurring.

[3] Setton shall conduct annual performance monitoring of the pond liner for the Treatment/Storage Pond (PND-001) in accordance with the October 2017 Pond Liner Construction, Operation, Maintenance, and Monitoring Plan (or subsequently approved plan). Within 30 days of filling the pond from the harvest season, Setton shall purge the pan lysimeter and note the volume purged as well as collect an EC reading of the purged water. After the initial pumping, Setton shall pump the pan lysimeter again (at least 24 hours after the initial purge) and note the volume pumped as well as collect an EC reading from the second purge.

4. **Source Water Monitoring**—The Dischargers shall annually collect and analyze samples of source water at **SPL-001** and supplemental irrigation water at **SIW-001**, in accordance with **Table 11** and **Table 12** below. If the source water is from more than one source, the results shall be represented as flow-weighted averages of all sources. All source water samples collected for metals shall be filtered with a 0.45 micron filter prior to preservation, digestion, and analysis.

Table 11—Source Water Monitoring, SPL-001

Constituent / Parameter	Units	Sample Type	Freq.
Flow	MGD	Metered	Annually
EC	µmhos/cm	Grab	Annually

Constituent / Parameter	Units	Sample Type	Freq.
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	Annually
Nitrate as Nitrogen	mg/L	Grab	Annually
TDS	mg/L	Grab	Annually
FDS	mg/L	Grab	Annually

Table 12—Source Water Monitoring, SIW-001

Constituent / Parameter	Units	Sample Type	Freq.
Flow	MGD	Metered	Annually
EC	µmhos/cm	Grab	Annually
General Minerals (see § A.3)	mg/L or µg/L (as appropriate)	Grab	Annually
Nitrate as Nitrogen	mg/L	Grab	Annually
TDS	mg/L	Grab	Annually
FDS	mg/L	Grab	Annually

See Glossary for definitions of terms and acronyms in tables.

5. **Land Application Area Monitoring**—The Dischargers shall perform monitoring for Land Application Areas (LAAs) **LAA-001 through LAA-0XX** in accordance with **Table 13** below, as well as the annual monitoring specified per **Section A.1.c** of this Order. In addition, the Dischargers

shall keep a log of routine monitoring observations (e.g., areas of ponding, broken irrigation pipes, odors and/or flies within the LAAs, etc.).

Table 13—Land Application Area Monitoring

Constituent / Parameter	Units	Sample Type	Frequency
Application Location	N/A	N/A	Daily
Application Area	acres	N/A	Daily
Wastewater Flow	gallons	Metered	Daily
Wastewater Loading	0.1 Inches / day	Calculated	Daily
Supplemental Irrigation	0.1 Inches / day	Calculated	Daily
Daily BOD Loading Rate [1]	lbs. / acre	Calculated (See Equation 1)	Daily
Average BOD Loading Rate for Cycle [2]	lbs. / acre / day	Calculated (See Equation 2)	Per Cycle (Varies)
Nitrogen Loading Rate from Wastewater [3]	lbs. / acre / month	Calculated (See Equation 3)	Monthly
Nitrogen Loading Rate from Fertilizer, Supplemental Irrigation Water [4]	lbs. / acre / month	Calculated (See Equation 3)	Monthly
Cumulative Nitrogen Loading	lbs. / acre / month	Calculated (See Equation 3)	Monthly, Annual
FDS (Salt) Loading Rate from Wastewater [3]	lbs. / acre / month	Calculated (See Equation 4)	Monthly
FDS (Salt) Loading Rate from Fertilizer and Supplemental Irrigation Water [4]	lbs. / acre / month	Calculated (See Equation 4)	Monthly

Constituent / Parameter	Units	Sample Type	Frequency
Cumulative FDS (Salt) Loading	lbs. / acre / year	Calculated (See Equation 4)	Monthly, Annual

See Glossary for definitions of terms and acronyms in table.

Table 13 Notes

1 BOD daily loading rates to be calculated using the applied volume of wastewater, applied acreage, and the most recent BOD result collected at the EFF-00X monitoring point immediately preceding discharge to LAA.

2 Cycle average BOD loading rates shall be calculated using applied volume of wastewater, applied acreage, and the most recent BOD result collected at the EFF-00X monitoring point immediately preceding discharge to LAA, divided by the number of days between applications (as shown in Equation 2 below).

3 Nitrogen and salt shall be calculated using the applied volume of wastewater, applied acreage, and average of the total nitrogen and FDS results collected at the EFF-00X monitoring point immediately preceding discharge to LAA.

4 Additional nitrogen and salt loading to the LAAs from other sources (i.e., irrigation water, organic matter, manure, etc.).

Equation 1—Daily BOD_5 Mass Loading (For Each LAA)

$$M = \frac{8.345\ (CV)}{A}$$

Where:
M = Mass of BOD applied to the LAA in lbs/ac/day
C = Concentration of BOD_5 in mg/L based on the most recent monitoring result
V = Volume of wastewater applied to the LAA in millions of gallons per day
A = Area of LAA irrigated in acres
8.345 = Unit conversion factor

Equation 2—BOD_5 Mass Loading, Cycle Average (For Each LAA)

$$M = \frac{8.345\ (CV)}{AT}$$

Where:	M	=	Mass of BOD applied to the LAA in lbs/ac/day
	C	=	Concentration of BOD_5 in mg/L based on the most recent monitoring result
	V	=	Volume of wastewater applied to the LAA in millions of gallons per day
	A	=	Area of LAA irrigated in acres
	T	=	Irrigation cycle length in days (From first day water was applied to the last day of drying time)
	8.345	=	Unit conversion factor

Equation 3—Nitrogen Mass Loading, Monthly and Annual (For Each LAA)

$$M = \sum_{i=1}^{12} \frac{(8.345(C_i V_i) + M_x)}{A}$$

Where:	M	=	Mass of nitrogen applied to the LAA in lbs/ac/day
	C_i	=	Average concentration of total nitrogen for the month in mg/L
	V_i	=	Volume of wastewater applied to the LAA for the month in millions of gallons
	A	=	Area of LAA irrigated in acres
	i	=	Number of the month (e.g., January = 1, February = 2, etc)
	C_i	=	Average concentration
	Mx	=	Nitrogen mass from other sources (e.g., fertilizer, irrigation water, etc)
	8.345	=	Unit conversion factor

Equation 4—FDS Mass Loading, Monthly and Annual (For Each LAA)

$$C_a = \frac{\sum_{1}^{12}[(C_{Pi} \times V_{Pi}) + (C_{Si} \times V_{Si})]}{\sum_{1}^{12}(V_{Pi} + V_{Si})}$$

Where:	C_a	=	Flow-weighted average annual FDS concentration in mg/L
	i	=	The number of the month (e.g., January = 1, February = 2, etc.)
	C_{Pi}	=	Monthly average process wastewater FDS concentration for calendar month *i* in mg/L)
	C_{Si}	=	Monthly average supplemental irrigation water FDS concentration for calendar month *i* in mg/L (considering each supplemental source separately)
	V_{Pi}	=	Volume of process wastewater applied to LAA during calendar month *i* in million gallons
	V_{Si}	=	Volume of supplemental irrigation water applied to LAA during calendar month *i* in million gallons (considering each supplemental source separately)

6. **Perimeter Monitoring**—The Dischargers shall perform routine monitoring of the perimeter of property owned and/or controlled by the Dischargers, in accordance with **Table 14** below.[4] Monitoring shall be conducted at a representative number of monitoring locations. **Within 10 days** of the effective date of this MRP, the Dischargers shall submit a map of proposed perimeter monitoring locations for approval by Central Valley Water Board staff.

   In addition, the Dischargers shall keep a log of routine monitoring observations including, but not limited to, the presence of objectionable odors, odor intensity, wind conditions/direction, and presence of flies/insects and other vectors. A copy of the monitoring log shall be kept by the Dischargers and made available for review by Central Valley Water Board staff during inspections. The log shall also be available electronically for submission to Central Valley Water Board staff for review upon staff's request. The monitoring log shall also be submitted as part of the quarterly monitoring reports. Data shall be collected and presented in tabular format and shall include information in **Table 14**.

Table 14—Perimeter Monitoring

Constituent / Parameter	Units	Sample Type	Frequency
Odor	N/A	Observation	Daily
Vectors	N/A	Observation	Daily

See Glossary for definitions of terms and acronyms in table.

7. **Annual Solids Monitoring**—The Dischargers shall perform the annual solids monitoring as specified in **Section A.1.b** of this Order.

[4] Perimeter monitoring data for odors/vectors associated with waste treatment/disposal will be used by Central Valley Water Board staff to assist in determining compliance with Discharge Specifications B.2. and B.3 of the Setton WDRs Order.

C. Reporting Requirements

1. Quarterly Reporting

a. Reporting Schedule—All monitoring results shall be reported in Quarterly Monitoring Reports which are due by the first day of the second month after the calendar quarter. Therefore, monitoring reports are due as follows:

Table 15—Quarterly Reporting Schedule

Quarterly Report	Monitoring Period	Due Date for Report
1st Quarter	1 January to 31 March	1 May
2nd Quarter	1 April to 30 June	1 August
3rd Quarter	1 July to 30 September	1 November
4th Quarter	1 October to 31 December	1 February

b. Report Contents—Each quarterly report shall contain all information required to be collected, measured, metered, sampled, analyzed, computed, observed or recorded on a quarterly or more frequent basis (e.g., monthly, weekly daily, continuous, etc.), as well as the following:

i. For each irrigation cycle completed within the reporting quarter, the cycle-specific loading calculations for each LAA.

ii. For each month within the reporting quarter, summary of maximum daily effluent flows, monthly average effluent flows, and cumulative annual effluent flows (i.e., year to date).

iii. Summary of both the maintenance conducted on the Treatment/Storage Pond liner and the monitoring conducted to evaluate the integrity of the pond liner, in accordance with the Setton's Pond Liner Construction Operation, Maintenance and Monitoring Plan.

iv. Calculations of the hydraulic load for wastewater and supplemental irrigation water to the LAAs in gallons and/or acre-inches.

v. Summary of the notations made in the logbook quarterly. The entire contents of the log do not need to be submitted.

vi. Site Map of the LAAs showing predominant features and include field numbers (if applicable) and acreage where wastewater was applied.

vii. A summary of any changes in processing that might affect waste characterization and/or discharge flow rates.

2. Annual Reporting (4th Quarter Monitoring Report)—In addition to the information set forth above, each 4th Quarter Monitoring Report shall include the results of all monitoring required to be performed on an annual basis (e.g., Source Water Monitoring at SPL-001 and SIW-001), as well as the following additional information set forth below.

a. Annual Facility Information

i. The names and general responsibilities of all persons in charge of wastewater management.

ii. The names and telephone numbers of persons to contact regarding the discharge for emergency and routine situations.

iii. A statement certifying when the flow meters and other monitoring instruments and devices were last calibrated, including identification of who performed the calibrations (Standard Provision C.4).

b. Annual Solids Reporting

i. Annual production of total solids (excluding trash and recyclables) in dry tons or cubic yards from both facilities.

ii. A description of disposal methods, including the following information related to the disposal method used. If more than one method is used, include the percentage disposed of by each method.

(A) For landfill disposal, include: the name and location of the landfill, and the order number of the WDRs that regulate it.

(B) For land application, include: the location of the site (field identification), and the order number of any WDRs that regulate it.

(C) For incineration, include the name and location of the site where incineration occurs, the order number of the WDRs that regulate the site, the disposal method of ash, and the name and location of the facility receiving as (if applicable).

(D) For composting, include the location of the site, and the order number of any WDRs that regulate it.

(E) For animal feed, include: the location of the site, and the order number of any WDRs that regulate it.

c. Annual LAA Reporting

i. The type of crop(s) grown in the LAAs, planting and harvest dates, and the quantified nitrogen and fixed dissolved solids uptakes (as estimated by technical references or, preferably, determined by representative plant tissue analysis).

ii. The monthly and annual discharge volume of wastewater and irrigation water applied to the LAAs during the reporting year expressed in million gallons and acre-inches.

iii. A monthly balance for the reporting year that includes:

(A) Monthly average observed evapotranspiration (ET_o)[5]

(B) Monthly crop uptake

(C) Crop water utilization rates[6]

[5] Sources include California Irrigation Management Information System (CIMIS) (http://www.cimis.water.ca.gov).

[6] Crop water utilization rates may be found in a variety of publications available from the local University of California Davis extension office.

(D) Irrigation efficiency[7]

(E) Monthly average and annual average discharge flow rates

(F) Monthly estimates of the amount of wastewater percolating below the root zone (i.e., amount of wastewater applied in excess of crop requirements).

d. Annual Summary of Loading

i. Total pounds of Nitrogen applied to each discrete LAA (lbs. /acre) for each month, and for the entire year.

ii. Total pounds of FDS (salts) applied each discrete LAA (lbs. /acre), for each month, and for the entire year, as calculated from the sum of the monthly loadings.

e. Annual Pond Liner Performance Evaluation—Annual pond liner performance evaluation certified by a California licensed civil engineer.[8]

3. Weekly Reporting—Until otherwise directed by the Executive Officer or Assistant Executive Officer in writing (specifically referencing this MRP), Setton shall report weekly monitoring information via email to Omar Mostafa (Omar.Mostafa@waterboards.ca.gov) and Russell Walls (Russell.Walls@waterboards.ca.gov), as provided in this section.[9]

[7] Frequently, engineers include a factor for irrigation efficiency such that the application rate is slightly greater than the crop utilization rate. A conservative design does not include this value.

[8] As required by the October 2017 Pond Liner Construction Operation, Maintenance and Monitoring Plan (or subsequently approved plan).

[9] Weekly reports need not be emailed to the centralvalleyfresno@waterboards.ca.gov email address used for electronic submittals of Quarterly Reports and Annual Reports.

a. **Weekly Monitoring Periods**—Each weekly monitoring period shall begin on Monday and end on Sunday.

b. **Reporting Schedule**—The report for each weekly monitoring period shall be submitted no later than 5:00 pm of Tuesday following the end of the period. (For example, the monitoring report for the week of Monday, 7 September to Sunday, 13 September 2020 shall be submitted by 5:00pm on Tuesday, 15 September 2020.)

c. **Minimum Contents**—Each weekly monitoring report shall include the following information:

i. Pond Monitoring: Daily monitoring results for odors, vectors, and DO at monitoring locations PND-001 through PND-004.

ii. Perimeter Monitoring: Daily monitoring results for odors and vectors at all approved perimeter monitoring locations.

iii. Additional categories of monitoring information, as specified in writing by Central Valley Water Board staff.

4. **General Reporting Requirements**—The following provisions apply to all submittals under this Order.

a. **Transmittal Letter**—A transmittal letter shall accompany each monitoring report. The transmittal letter shall discuss any violations that occurred during the reporting period and all actions taken or planned for correcting violations, such as operation or facility modifications. If the Discharger(s) has previously submitted a report describing corrective actions or a time schedule for implementing the corrective actions, reference to the previous correspondence is satisfactory.

b. **Electronic Submittal**—The Central Valley Water Board has gone to a Paperless Office System. All regulatory documents, submissions, materials, data, monitoring reports, and correspondence shall be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to: centralvalleyfresno@waterboards.ca.gov. Documents that are 50MB or larger should be transferred to a disc and mailed to 1685 E Street, Fresno, CA, 93706.

To ensure that your submittals are routed to the appropriate staff, the following information block should be included in any email used to transmit documents to this office:

Program:	Non-15
WDIDs:	5D541071001 and 5D542008001
Facility:	Terra Bella Pistachio Facility and Citrus Packing House
Orders:	WDRs Orders 92-191 and 94-302, Revised MRP R5-2019-0802-01

c. **Data Presentation and Formatting**

i. In reporting monitoring data, the Discharger(s) shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner that illustrates clearly whether the Discharger(s) is in compliance with the operative WDRs Order.

ii. In addition to the details specified in Standard Provision C.3, monitoring information shall include the method detection limit (MDL) and the reporting limit (RL) or practical quantitation limit (PQL). If the regulatory limit for a given constituent is less than the RL (or PQL), then any analytical results for that constituent that are below the RL (or PQL) but above the MDL shall be reported and flagged as estimated.

iii. Laboratory analysis reports do not need to be included in the monitoring reports; however, the laboratory reports must be retained for a minimum of three years in accordance with Standard Provision C.3.

d. **Discussion of Violations within Reporting Period**—The Dischargers shall discuss any violations that occurred during the reporting period and all actions taken or planned for correcting violations, such as operation or facility modifications. If the Discharger(s) has previously submitted a report describing corrective actions or a time schedule for implementing the corrective actions, reference to the previous correspondence is satisfactory.

e. **Signatory Requirements**—All monitoring reports shall comply with the signatory requirements in Standard Provision B.3.

f. **Preparation by Qualified Professionals**—All monitoring reports that involve planning, investigation, evaluation, or design, or other work requiring interpretation and proper application of engineering or geologic sciences, shall be prepared by or under the direction of persons registered to practice in California pursuant to Business and Professions Code sections 6735, 7835 and 7835.1.

The Dischargers shall implement the above monitoring program on the 18th day of the month in which this Revised Monitoring and Reporting Program is issued (18 September 2020).

Ordered by: Clay L. Rodgers

PATRICK PULUPA,
for Executive Officer

9/11/2020
Date

ENFORCEMENT

If, in the opinion of the Executive Officer, the Discharger(s) fails to comply with the provisions of this Order, the Executive Officer may refer this matter to the Attorney General for judicial enforcement, may issue a complaint for administrative civil liability, or may take other enforcement actions. Failure to comply with this Order may result in the assessment of Administrative Civil Liability of up to $10,000 per violation, per day, depending on the violation, pursuant to the Water Code, including sections 13268, 13350 and 13385. The Central Valley Water Board reserves its right to take any enforcement actions authorized by law.

ADMINISTRATIVE REVIEW

Any person aggrieved by this Central Valley Water Board action may petition the State Water Board for review in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. The State Water Board must receive the petition by 5:00 p.m. on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions are available on the Internet (at the address below) and will be provided upon request.

http://www.waterboards.ca.gov/public_notices/petitions/water_quality

GLOSSARY

BOD_5.....Five-Day Biochemical Oxygen Demand at 20° Celsius

DO.....Dissolved Oxygen

EC.....Electrical Conductivity at 25° C

ET_o.....Observed Evapotranspiration

FDS.....Fixed Dissolved Solids

General Minerals.....Alkalinity (as Caco3), Bicarbonate (as Caco3), Boron, Calcium, Carbonate (as Caco3), Chloride, Hardness (as Caco3), Iron, Magnesium, Manganese, Nitrate, Phosphate, Potassium, Sodium, Sulfate and Anion/Cation Balance

Vector.....An organism (such as an insect) that transmits a pathogen

LAA.....Land Application Area

N.....Nitrogen

N/A.....Not Applicable

NTU.....Nephelometric Turbidity Unit

ORP.....Oxidation Reduction Potential

TKN.....Total Kjeldahl Nitrogen

TDS.....Total Dissolved Solids

TSS.....Total Suspended Solids

Continuous.....The specified parameter shall be measured by a meter continuously.

24-Hour Composite.....Samples shall be a flow-proportioned composite consisting of at least eight aliquots.

Daily.....Samples collected at least every day.

Weekly.....Samples collected at least once per week.

2/Week.....Twice Weekly

Monthly .....Samples collected at least once per month.

2/Month .....Samples collected at least twice per month

Quarterly .....Samples collected at least once per calendar quarter. Unless otherwise specified or approved, samples shall be collected in January, April, July, and October.

Annually.....Samples collected at least once per year. Unless otherwise specified or approved, samples shall be collected in October.

mg/L.....Milligrams per Liter

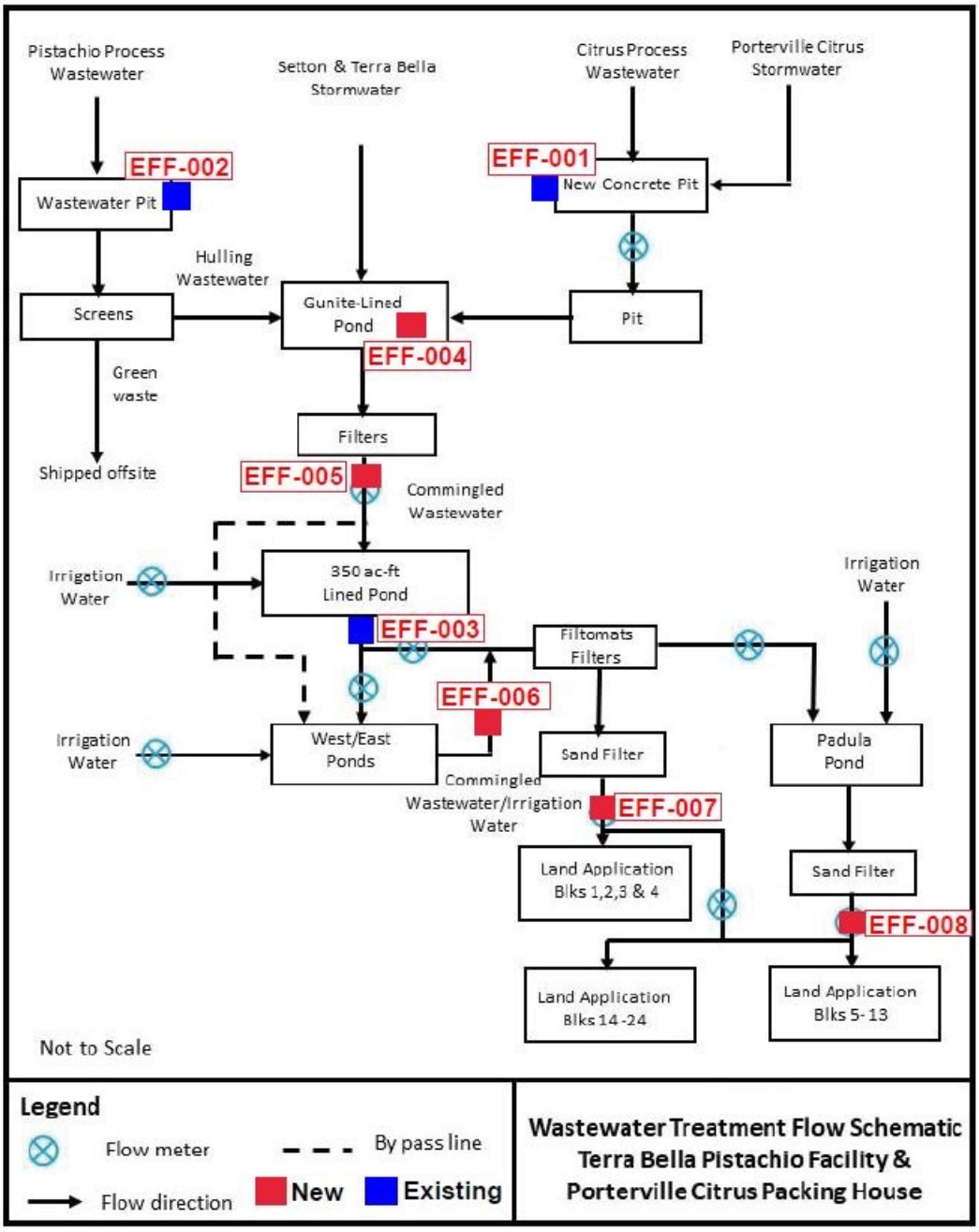
mL/L.....Milliliters [of Solids] per Liter

µg/L.....Micrograms per Liter

µmhos/cm .....Micromhos per Centimeter

MGD.....Million Gallons per Day

ATTACHMENT A—WASTEWATER COLLECTION & TREATMENT FLOW SCHEMATIC



Appendix C

Air Quality, Energy, and
Greenhouse Gas Emissions Data

Inputs | **Source**

Land Use area

Pipeline length (ft)	2229.2	Ascent GIS team
Disturbance width (ft)	10	Assumption
Area = pipeline length x disturbance width **(sqft)**	22292	

Conversions

- Natural Gas

Currently Permitted volume of natural gas	225	
Currently Permitted volume of natural gas (MMscf)	260	
Newly Permitted volume of natural gas (MMscf)	260	
Additional volume of gas permitted	35	
kBTU/MMcf	1039000	https://www.omnicalculator.com/conversion/natural-gas-converter
89MMscf =	**36,365,000 kBTU**	

- Electricity: 12,642 - 10,535 MWh = 2,107 MWh

kWh/MWh	1,000	https://www.convertunits.com/from/kwh/to/mwh
2107 MWh =	**2,107,000 kWh**	

- Indoor water: 76.7 ac-ft

gal/ac-ft	325,851	https://www.unitconverters.net/volume/acre-foot-to-gallon-us.htm
76.7 ac-ft =	**24,992,805 gallon**	

- Solid waste: 4 million pounds

ton/lbs	0.0005	
4000000 lbs =	**2000 tons**	
CalEEMod input	89.72	

VMT

Locations	Miles
1. Air-Osa Dairy: 11275 Rd 96, Pixley, CA 93256 (24.1 MILES)	24.1
2. Borba Dairy: 14840 Rd 200, Porterville, CA 93257 (11.3 M)	11.3
3. Dairyland: 9441 Ave 104 Pixley, CA 93256 (20.2 M)	20.2
4. D & V Dairy: 15625 Ave 144, Tipton, CA 93272 (16.2 M)	16.2
5. De Boer Dairy: 14976 Ave 168, Tulare, CA 93274 (20.2 M)	20.2
6. Moonlight: 4974 Ave 272, Visalia, CA 93277 (44.9 M) A FEW LOADS	44.9
7. Ranch Teresita Dairy: 21744 Rd 152, Tulare, CA 93274 (24.6 M)	24.6
8. Top o' the Morn: 17324 Rd 136, Tulare, CA 93274 (22.4 M)	22.4
9. Tri-Start Dairy: 12212 Ave 176, Tulare, CA 93274 (22.4 M)	22.4
10. Rainbow Orchards Compost: (7.3 M)	7.3

Total one way trip length (miles)	213.6	
Average one way trip length (miles)	21.36	
Total avg trip length	42.72	
Current number of pistachio hauling trips per year	6,000.00	note: this incldues return trips
Current number of waste hauling trips per year	2,308.00	
Anticipated increase in pistachio hauling trips with project per year	1,200.00	
Anticipated increase in waste hauling trips with project per year	461.60	
Increase in trips per year	**1,661.60**	peak = 3 months (August-October)
Daily trip rate	4.55	18.46
New Total pistachio trips (baseline + project)	7,200.00	
New total waste trips (baseline + project)	2,769.60	
VMT per year	**70,983.55**	
VMT per day	194.48	

CalEEMod defaults

Trips per weekday	4.552328767
Trips per Saturday	4.552328767
Trips per Sunday	4.552328767
VMT per weekday	194.4754795
VMT per Saturday	194.4754795
VMT per Sunday	194.4754795

References to Include in CEQA Doc:

CARB 2022a. OFFROAD 2021 v1.0.3 - Emissions Inventory. Available: https://arb.ca.gov/emfac/emissions-inventory/d0bfc739f498386d6e8417fb64d20090225b1c83 Date Accessed: November 4, 2022.
CARB 2022b. EMFAC 2021 v1.0.2 - Emissions Inventory. Available: https://arb.ca.gov/emfac/emissions-inventory/f09022ed91aa097eb2ecff2effa26b846d38ca34 Date Accessed: October 12, 2022.

FYI, the link from the EMFAC and OFFROAD runs (shown here too) links directly to *Show Results* from this Statewide runs.
https://arb.ca.gov/emfac/emissions-inventory/f09022ed91aa097eb2ecff2effa26b846d38ca34
https://arb.ca.gov/emfac/emissions-inventory/d0bfc739f498386d6e8417fb64d20090225b1c83

Methods template to use in CEQA doc

**user to revise methods discussion for individual proejects that differ from these general descriptions*

Construction

Energy use during construction was estimated using a combination of methods and energy consumption factors from published best available documentation. Fuel consumption was estimated for each piece of equipment based on the proposed project construction schedule and duration, equipment activity hours from the California Emissions Estimator Model (CalEEMod) program, and equipment fuel consumption factors from the CARB OFFROAD model (CARB 2022a). Fuel consumption was estimated for haul trucks, delivery trucks, and worker commute using the fuel consumption factors from CARB's EMission FACtors (EMFAC) model for the Statewide vehicle fleet.

Operations

Energy use during operations was estimated using a combination of methods and energy consumption factors from published best available documentation. Fuel consumption for mobile sources was estimated using the fuel consumption factors from CARB's EMission FACtors (EMFAC) model for the Statewide vehicle fleet and VMT data for the project's operations. Utility consumption data, measured in megawatt-hours of electricity and thousand British Thermal Units (BTU) for natural gas, were taken directly from the modeling performed within the California Emissions Estimator Model (CalEEMod) program.

Energy Calculations Summary Page

Operations

Source	Gas (gal)	Diesel (gal)	Kwh	kBTU
Mobile Sources	2,608	515		
Electricity			2,107,000	
Natural Gas				36,365,000

Construction

Phase Name	Gas (gal)	Diesel (gal)
Offroad		244
Trucks		0
Worker Commute	2	
Total	**2**	**244**

Operational VMT and VMT Calculations

Nothing for the user to do here.

Values for This Project	Gasoline	Diesel		
EMFAC VMT Split	92%	8%	automatically populates based on USER INPUT operational year	
EMFAC MPG	25.13	10.53	automatically populates based on USER INPUT operational year	

Operational Fleet Average VMT by Year

MPG Estimates Statewide

Summary By Year	Gasoline	Diesel
2000	20.48	8.91
2001	20.56	8.95
2002	20.66	9.12
2003	20.58	9.38
2004	20.50	9.48
2005	20.51	9.66
2006	20.49	9.81
2007	20.55	9.67
2008	20.60	9.80
2009	20.48	9.97
2010	20.72	10.05
2011	20.93	10.12
2012	21.23	10.33
2013	21.60	10.47
2014	21.95	10.80
2015	22.39	11.34
2016	22.91	11.34
2017	23.07	10.41
2018	23.35	10.42
2019	23.63	10.49
2020	23.79	10.10
2021	24.24	10.47
2022	24.66	10.50
2023	25.13	10.53
2024	25.66	10.55
2025	26.21	10.56
2026	26.78	10.57
2027	27.31	10.59
2028	27.84	10.61
2029	28.34	10.63
2030	28.81	10.65
2031	29.25	10.65
2032	29.66	10.65
2033	30.04	10.64
2034	30.39	10.62
2035	30.71	10.59
2036	31.00	10.57
2037	31.26	10.54
2038	31.48	10.51
2039	31.68	10.48
2040	31.85	10.44
2041	32.00	10.40
2042	32.12	10.36
2043	32.22	10.31
2044	32.31	10.26
2045	32.38	10.21
2046	32.45	10.16
2047	32.50	10.11
2048	32.55	10.06
2049	32.59	10.01
2050	32.62	9.96

VMT Splits totalVMT VMT Split %

Summary By Year	gasoline	diesel	gasoline	diesel
2000	790,569,725	58,598,623	93%	7%
2001	802,436,166	59,007,095	93%	7%
2002	844,210,569	61,514,681	93%	7%
2003	847,274,015	61,876,429	93%	7%
2004	857,481,143	66,327,213	93%	7%
2005	860,127,987	70,218,038	92%	8%
2006	852,083,694	71,594,236	92%	8%
2007	845,004,366	73,322,714	92%	8%
2008	812,241,019	68,627,217	92%	8%
2009	797,008,961	63,067,648	93%	7%
2010	810,811,409	63,366,805	93%	7%
2011	804,350,573	64,173,232	93%	7%
2012	811,086,783	64,129,004	93%	7%
2013	826,309,779	68,250,423	92%	8%
2014	849,259,042	69,475,121	92%	8%
2015	890,538,176	72,169,927	93%	7%
2016	933,019,756	77,388,959	92%	8%
2017	944,977,784	78,148,937	92%	8%
2018	951,710,502	76,913,765	93%	7%
2019	957,366,727	77,489,043	93%	7%
2020	834,808,874	74,881,890	92%	8%
2021	964,789,712	79,146,292	92%	8%
2022	976,705,861	80,381,176	92%	8%
2023	984,882,826	81,507,938	92%	8%
2024	988,211,930	82,285,630	92%	8%
2025	986,742,213	82,805,690	92%	8%
2026	985,383,586	83,223,234	92%	8%
2027	985,988,145	83,479,203	92%	8%
2028	986,464,300	83,525,021	92%	8%
2029	986,788,992	83,385,591	92%	8%
2030	986,945,069	83,056,653	92%	8%
2031	987,159,935	83,068,604	92%	8%
2032	987,553,909	83,013,889	92%	8%
2033	988,047,947	82,970,127	92%	8%
2034	988,629,581	82,945,913	92%	8%
2035	989,307,855	82,889,772	92%	8%
2036	990,148,660	82,866,921	92%	8%
2037	991,147,622	82,988,219	92%	8%
2038	992,223,808	83,252,334	92%	8%
2039	993,392,642	83,641,052	92%	8%
2040	994,599,149	84,170,567	92%	8%
2041	995,834,576	84,835,202	92%	8%
2042	997,074,815	85,631,189	92%	8%
2043	998,274,892	86,572,011	92%	8%
2044	999,408,685	87,635,111	92%	8%
2045	1,000,487,591	88,855,764	92%	8%
2046	1,001,498,195	90,193,668	92%	8%
2047	1,002,423,063	91,654,509	92%	8%
2048	1,003,283,622	93,228,110	91%	9%
2049	1,004,072,442	94,914,758	91%	9%
2050	1,004,809,254	96,705,261	91%	9%

EMFAC OUTPUT

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Statewide

Region: California

Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Consumption	NOx_RUNEX	NOx_IDLEX	NOx_STREX	NOx_TOTEX	PM2.5_RUNEX	PM2.5_IDLEX	PM2.5_STREX	PM2.5_TOTEX	PM2.5_PMTW	PM2.5_PMBW	PM2.5_TOTAL	PM10_RUNEX	PM10_IDLEX	PM10_STREX	PM10_TOTEX	PM10_PMTW	PM10_PMBW	PM10_TOTAL	CO2_RUNEX	CO2_IDLEX	CO2_STREX	CO2_TOTEX	CH4_RUNEX
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Gasoline	7275.921026	471942.7	471942.7	0	145576.6279	0	9.859154	0	0.073892	9.933046	0.005943	0	0.001672	0.007615	0.002601	0.02077	0.030986	0.006325	0	0.001757	0.008082	0.010405	0.059341	0.077828	1395.884	0	22.87911	1418.763	0.326952
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Diesel	178113.0448	34780710	34780710	0	2615210.417	0	816.6459	38.56693	0	855.2129	26.62526	0.938802	0	27.56407	0.340096	1.393424	29.29759	27.82914	0.981251	0	28.81039	1.360383	3.981213	34.15199	67652.52	2546.349	0	70198.87	2.050309
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Natural Gas	22.94925313	2260.788	2260.788	0	105.5665644	0	0.081074	0.000255	0	0.081329	9.35E-05	1.06E-08	0	9.35E-05	2.24E-05	0.000183	0.000299	0.000102	1.15E-08	0	0.000102	8.97E-05	0.000523	0.000715	6.729056	0.175377	0	6.904432	0.018821
Statewide Totals	2000	LDA	Aggregate	Aggregate	Gasoline	12975810.26	4.72E+08	4.72E+08	0	60588684.54	0	400.1413	0	74.56572	474.707	5.654088	0	0.94745	6.601538	1.039727	1.408631	9.049897	6.131405	0	1.024785	7.156189	4.158908	4.024661	15.33976	192033	0	8056.159	200089.1	22.79778
Statewide Totals	2000	LDA	Aggregate	Aggregate	Diesel	105932.5717	2646169	2646169	0	444172.4355	0	4.861548	0	0	4.861548	0.823609	0	0	0.823609	0.005834	0.008233	0.837676	0.860849	0	0	0.860849	0.023335	0.023522	0.907706	1061.047	0	0	1061.047	0.049563
Statewide Totals	2000	LDA	Aggregate	Aggregate	Electricity	1057.529425	28851.5	0	28851.5	5012.230835	11139.06	0	0	0	0	0	0	0	0	6.36E-05	4.87E-05	0.000112	0	0	0	0	0.000254	0.000139	0.000394	0	0	0	0	0
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Gasoline	2319618.59	78517211	78517211	0	10534753.99	0	112.8446	0	16.14865	128.9933	1.189806	0	0.197168	1.386974	0.173101	0.277603	1.837678	1.283636	0	0.212101	1.495736	0.692404	0.793151	2.981291	36564.4	0	1689.394	38253.79	6.05172
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Diesel	7655.172424	204196.6	204196.6	0	32394.38418	0	0.360503	0	0	0.360503	0.057192	0	0	0.057192	0.00045	0.000793	0.058434	0.059777	0	0	0.059777	0.001801	0.002265	0.063843	97.21956	0	0	97.21956	0.003277
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Electricity	481.9064509	13223.03	0	13223.03	2288.093095	5105.182	0	0	0	0	0	0	0	0	2.92E-05	2.23E-05	5.15E-05	0	0	0	0	0.000117	6.38E-05	0.00018	0	0	0	0	0
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Gasoline	3662790.05	1.4E+08	1.4E+08	0	17446453.35	0	196.0028	0	38.57349	234.5763	1.468043	0	0.220776	1.688819	0.307909	0.479863	2.476591	1.590228	0	0.238772	1.829	1.231635	1.371038	4.431673	77785.89	0	2963.851	80749.74	7.117971
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Diesel	536.8301848	14153.84	14153.84	0	2256.527749	0	0.025962	0	0	0.025962	0.004236	0	0	0.004236	3.12E-05	5.63E-05	0.004324	0.004428	0	0	0.004428	0.000125	0.000161	0.004713	7.862356	0	0	7.862356	0.000245
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Gasoline	455853.4916	18224522	18224522	0	6791537.803	0	33.37482	0.019849	2.672297	36.06697	0.157139	0	0.016619	0.173758	0.040178	0.548432	0.762369	0.170371	0	0.017923	0.188293	0.160713	1.56695	1.915956	20033.84	63.7458	215.0483	20312.63	1.968898
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Diesel	156454.2352	6667507	6667507	0	1967997.46	0	57.69718	0.447726	0	58.14491	0.538792	0.010164	0	0.548956	0.022049	0.200646	0.771651	0.563154	0.010624	0	0.573778	0.088196	0.573274	1.235248	4255.438	24.75287	0	4280.191	0.066696
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Gasoline	64264.62283	2461595	2461595	0	957447.1259	0	4.646945	0.002796	0.375582	5.025323	0.02245	0	0.002589	0.025038	0.005427	0.086423	0.116888	0.024292	0	0.002783	0.027075	0.021708	0.246923	0.295706	3077.603	10.36628	34.91631	3122.885	0.295667
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Diesel	45991.92266	1895769	1895769	0	578520.5292	0	16.73296	0.131615	0	16.86458	0.151209	0.002737	0	0.153947	0.006269	0.066558	0.226774	0.158046	0.002861	0	0.160908	0.025077	0.190165	0.376149	1320.819	10.65682	0	1331.476	0.018893
Statewide Totals	2000	MCY	Aggregate	Aggregate	Gasoline	312832.7026	1787569	1787569	0	625665.4052	0	2.540545	0	0.220489	2.761034	0.020349	0	0.011909	0.032258	0.00197	0.008276	0.042505	0.021355	0	0.01249	0.033844	0.007882	0.023645	0.065372	445.2549	0	57.68817	502.9431	0.879482
Statewide Totals	2000	MDV	Aggregate	Aggregate	Gasoline	1845955.524	71542759	71542759	0	8879033.483	0	103.7947	0	16.41468	120.2094	0.691513	0	0.129746	0.821259	0.157725	0.241207	1.220191	0.748147	0	0.140307	0.888453	0.6309	0.689162	2.208515	41682.89	0	1579.362	43262.25	4.357306
Statewide Totals	2000	MDV	Aggregate	Aggregate	Diesel	10715.36208	266653.4	266653.4	0	44876.72323	0	0.492851	0	0	0.492851	0.083125	0	0	0.083125	0.000588	0.001054	0.084767	0.086883	0	0	0.086883	0.002351	0.003012	0.092246	165.0222	0	0	165.0222	0.004672
Statewide Totals	2000	MH	Aggregate	Aggregate	Gasoline	249175.8919	2102256	2102256	0	24927.55623	0	7.585046	0	0.010593	7.595639	0.025119	0	0.000118	0.025237	0.006952	0.035869	0.068058	0.026897	0	0.000125	0.027022	0.027808	0.102483	0.157313	4574.041	0	1.692686	4575.734	0.440389
Statewide Totals	2000	MH	Aggregate	Aggregate	Diesel	11010.34186	129992.5	129992.5	0	1101.034186	0	1.647796	0	0	1.647796	0.037952	0	0	0.037952	0.000573	0.00221	0.040736	0.039668	0	0	0.039668	0.002293	0.006315	0.048276	152.0889	0	0	152.0889	0.001527
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Gasoline	85582.35581	3476502	3476502	0	1712331.775	0	15.23531	0.007604	0.992724	16.23564	0.043866	0	0.013464	0.05733	0.011497	0.059344	0.128171	0.047013	0	0.014218	0.061231	0.045986	0.169555	0.276773	7535.28	54.06584	176.6874	7766.033	0.863573
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Diesel	168694.7958	10002589	10002589	0	2030696.256	0	141.9593	6.415234	0	148.3746	5.360118	0.217347	0	5.577465	0.033078	0.171056	5.781598	5.602479	0.227174	0	5.829653	0.132312	0.48873	6.450695	13222.29	410.678	0	13632.97	0.379421
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Gasoline	8661.918259	445070.9	445070.9	0	173307.6605	0	2.035105	0.000575	0.105128	2.140808	0.003295	0	0.000741	0.004036	0.001472	0.007612	0.01312	0.003551	0	0.000785	0.004335	0.005887	0.021749	0.031971	931.3112	3.804412	11.08419	946.1998	0.063279
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Diesel	7325.669454	652076.7	652076.7	0	101407.532	0	11.74947	0.524799	0	12.27427	0.523672	0.014974	0	0.538647	0.002156	0.017029	0.557832	0.54735	0.015651	0	0.563002	0.008625	0.048653	0.62028	1026.215	35.12908	0	1061.344	0.042341
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Gasoline	4474.214661	224020.2	224020.2	0	17896.85865	0	0.773454	0.004081	0.009411	0.786947	0.004944	0	0.000209	0.005154	0.000494	0.003936	0.009583	0.005239	0	0.000221	0.00546	0.001976	0.011245	0.018681	242.6689	13.57408	1.832157	258.0752	0.06367
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Diesel	16459.29659	464026.3	464026.3	0	238330.6146	0	6.847146	0.567929	0	7.415076	0.314608	0.022302	0	0.33691	0.001535	0.008163	0.346608	0.328833	0.023311	0	0.352144	0.006138	0.023323	0.381605	646.3028	36.87474	0	683.1776	0.023883
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Gasoline	562.0348842	39387.96	39387.96	0	2248.139537	0	0.106139	0	0.002292	0.108432	0.000152	0	3.69E-06	0.000156	0.000114	0.001566	0.001836	0.000166	0	4.02E-06	0.00017	0.000457	0.004473	0.0051	73.52023	0	0.291123	73.81135	0.00321
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Diesel	7610.327139	874779.9	874779.9	0	30441.30855	0	19.31178	0	0	19.31178	0.126453	0	0	0.126453	0.007627	0.036913	0.170993	0.132171	0	0	0.132171	0.030507	0.105466	0.268145	1814.512	0	0	1814.512	0.00782
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Electricity	25.02486219	767.2591	0	767.2591	100.0994488	1563.274	0	0	0	0	0	0	0	0	9.9E-07	6.36E-06	7.35E-06	0	0	0	0	3.96E-06	1.82E-05	2.21E-05	0	0	0	0	0
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Natural Gas	1861.630893	199171.5	199171.5	0	7414.523572	0	3.000618	0	0	3.000618	0.004221	0	0	0.004221	0.001801	0.008442	0.014464	0.004412	0	0	0.004412	0.007203	0.024121	0.035736	369.5404	0	0	369.5404	1.513825
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Gasoline	6623.875603	407826.2	407826.2	0	132530.5031	0	7.996926	0	0.057571	8.054497	0.004852	0	0.001524	0.006376	0.002248	0.017942	0.026566	0.005162	0	0.001601	0.006763	0.008991	0.051262	0.067016	1200.415	0	20.79911	1221.214	0.274566
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Diesel	180027.9291	34720083	34720083	0	2597929.467	0	825.4117	37.64796	0	863.0596	23.75908	0.843311	0	24.60239	0.339499	1.390899	26.33278	24.83336	0.881442	0	25.7148	1.357994	3.973996	31.04679	67234.1	2448.833	0	69682.93	1.973976
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Natural Gas	44.68943166	4316.773	4316.773	0	205.5713856	0	0.158572	0.000497	0	0.159069	0.00019	2.06E-08	0	0.00019	4.28E-05	0.00035	0.000582	0.000206	2.24E-08	0	0.000206	0.000171	0.000999	0.001377	13.95892	0.362637	0	14.32156	0.039877
Statewide Totals	2001	LDA	Aggregate	Aggregate	Gasoline	13308544.39	4.7E+08	4.7E+08	0	62270349.67	0	361.7806	0	73.10608	434.8867	4.951452	0	0.870093	5.821544	1.036707	1.402176	8.260427	5.369953	0	0.941116	6.311069	4.146829	4.006216	14.46411	189574.3	0	8066.643	197640.9	20.32362
Statewide Totals	2001	LDA	Aggregate	Aggregate	Diesel	98459.00154	2309417	2309417	0	409225.5256	0	4.229092	0	0	4.229092	0.693368	0	0	0.693368	0.005091	0.007186	0.705645	0.72472	0	0	0.72472	0.020366	0.02053	0.765615	918.4808	0	0	918.4808	0.041824
Statewide Totals	2001	LDA	Aggregate	Aggregate	Electricity	1206.08235	32532.36	0	32532.36	5766.173476	12560.18	0	0	0	0	0	0	0	0	7.17E-05	5.49E-05	0.000127	0	0	0	0	0.000287	0.000157	0.000444	0	0	0	0	0
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Gasoline	2278707.907	74688563	74688563	0	10357792.76	0	97.5069	0	15.03846	112.5454	1.020137	0	0.177506	1.197643	0.16466	0.26363	1.625934	1.10073	0	0.190992	1.291722	0.658641	0.75323	2.703593	34645.14	0	1621.184	36266.33	5.237364
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Diesel	6959.048246	174638.9	174638.9	0	29126.51655	0	0.308829	0	0	0.308829	0.048262	0	0	0.048262	0.000385	0.000681	0.049328	0.050444	0	0	0.050444	0.00154	0.001947	0.053931	83.61976	0	0	83.61976	0.002774
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Electricity	517.9010207	13678.35	0	13678.35	2458.132409	5280.972	0	0	0	0	0	0	0	0	3.02E-05	2.31E-05	5.33E-05	0	0	0	0	0.000121	6.61E-05	0.000187	0	0	0	0	0
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Gasoline	3920021.363	1.45E+08	1.45E+08	0	18709138.01	0	183.3265	0	39.43015	222.7566	1.328607	0	0.21092	1.539527	0.319551	0.496985	2.356063	1.439561	0	0.2282	1.667761	1.278204	1.419957	4.365922	80162.21	0	3101.688	83263.9	6.535748
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Diesel	512.1678897	13351.04	13351.04	0	2157.592079	0	0.024446	0	0	0.024446	0.003625	0	0	0.003625	2.94E-05	5.24E-05	0.003707	0.003789	0	0	0.003789	0.000118	0.00015	0.004057	7.254412	0	0	7.254412	0.000213
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Gasoline	492415.3365	19024879	19024879	0	7336254.815	0	31.34914	0.021599	3.000658	34.3714	0.148448	0	0.016464	0.164912	0.041943	0.572518	0.779372	0.160997	0	0.017768	0.178765	0.167771	1.635764	1.9823	20852.43	68.90289	227.0778	21148.41	1.836695
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Diesel	178121.1574	7496567	7496567	0	2240540.084	0	66.54267	0.50973	0	67.0524	0.541379	0.010452	0	0.551831	0.024791	0.225595	0.802216	0.565857	0.010925	0	0.576782	0.099163	0.644557	1.320502	4785.25	28.18043	0	4813.431	0.074102
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Gasoline	66390.19264	2445773	2445773	0	989114.949	0	4.171891	0.002909	0.407301	4.582101	0.020371	0	0.002503	0.022874	0.005392	0.085868	0.114134	0.022042	0	0.002691	0.024733	0.021568	0.245336	0.291637	3049.261	10.71528	35.4393	3095.416	0.263714
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Diesel	49581.1788	1981616	1981616	0	623668.8562	0	17.85119	0.141887	0	17.99307	0.145196	0.002717	0	0.147913	0.006553	0.069572	0.224038	0.151761	0.00284	0	0.154601	0.026212	0.198777	0.37959	1382.844	11.64514	0	1394.489	0.019845
Statewide Totals	2001	MCY	Aggregate	Aggregate	Gasoline	382978.1482	2460010	2460010	0	765956.2964	0	3.485428	0	0.266751	3.75218	0.021292	0	0.012334	0.033625	0.002712	0.011389	0.047726	0.022366	0	0.012942	0.035308	0.010847	0.03254	0.078695	609.2118	0	70.32948	679.5413	1.176921
Statewide Totals	2001	MDV	Aggregate	Aggregate	Gasoline	2175318.973	82297944	82297944	0	10505898.44	0	101.458	0	19.43136	120.8894	0.677095	0	0.132875	0.80997	0.181436	0.275727	1.267133	0.732847	0	0.143753	0.8766	0.725744	0.787791	2.390135	48085.42	0	1822.969	49908.39	4.225975
Statewide Totals	2001	MDV	Aggregate	Aggregate	Diesel	9878.163153	229909	229909	0	40893.12624	0	0.423727	0	0	0.423727	0.070614	0	0	0.070614	0.000507	0.000914	0.072035	0.073807	0	0	0.073807	0.002027	0.00261	0.078445	141.9564	0	0	141.9564	0.003974
Statewide Totals	2001	MH	Aggregate	Aggregate	Gasoline	241621.023	1967863	1967863	0	24171.76714	0	6.583919	0	0.010304	6.594223	0.022016	0	0.000109	0.022125	0.006508	0.033578	0.062211	0.023578	0	0.000115	0.023693	0.02603	0.095938	0.145662	4269.969	0	1.59578	4271.565	0.384564
Statewide Totals	2001	MH	Aggregate	Aggregate	Diesel	12779.60391	147756.8	147756.8	0	1277.960391	0	1.86144	0	0	1.86144	0.039974	0	0	0.039974	0.000651	0.002512	0.043138	0.041782	0	0	0.041782	0.002606	0.007177	0.051565	172.3908	0	0	172.3908	0.001619
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Gasoline	81793.4982	3226150	3226150	0	1636524.312	0	13.5007	0.007304	0.959661	14.46767	0.036849	0	0.012255	0.049105	0.010669	0.055049	0.114822	0.039511	0	0.012944	0.052454	0.042675	0.157284	0.252412	6961.643	51.69578	165.5635	7178.902	0.72889
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Diesel	183194.0675	9985419	9985419	0	2209554.828	0	141.2828	7.162695	0	148.4455	5.025018	0.218039	0	5.243057	0.033021	0.170763	5.446841	5.252227	0.227897	0	5.480125	0.132084	0.487893	6.100102	13154.28	452.1182	0	13606.39	0.362131
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Gasoline	9376.587574	485546.8	485546.8	0	187606.7642	0	1.970934	0.000631	0.108137	2.079701	0.00296	0	0.000694	0.003654	0.001606	0.008304	0.013564	0.003193	0	0.000735	0.003927	0.006423	0.023726	0.034076	1014.14	4.120626	11.3466	1029.607	0.057699
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Diesel	8139.148333	650961.5	650961.5	0	114338.4722	0	11.7338	0.610437	0	12.34424	0.497033	0.01664	0	0.513673	0.002153	0.016999	0.532825	0.519507	0.017392	0	0.536899	0.008611	0.048569	0.594079	1022.221	40.56154	0	1062.782	0.040961
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Gasoline	4257.865047	205602.7	205602.7	0	17031.46019	0	0.736078	0.003891	0.009312	0.749281	0.004325	0	0.000188	0.004513	0.000453	0.003612	0.008579	0.004587	0	0.000199	0.004786	0.001813	0.01032	0.016919	223.1693	12.92129	1.749473	237.8401	0.06054
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Diesel	16459.21507	463206	463206	0	238329.4343	0	6.808995	0.584513	0	7.393508	0.299967	0.020979	0	0.320946	0.001532	0.008149	0.330626	0.31353	0.021928	0	0.335457	0.006127	0.023282	0.364866	642.9871	37.40796	0	680.395	0.023108
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Gasoline	493.3062101	38065.76	38065.76	0	1973.22484	0	0.090135	0	0.002057	0.092191	0.000143	0	3.19E-06	0.000147	0.00011	0.001507	0.001763	0.000156	0	3.47E-06	0.000159	0.000438	0.004306	0.004904	70.4948	0	0.246092	70.74089	0.002734
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Diesel	7829.577204	834169.9	834169.9	0	31318.30882	0	18.32162	0	0	18.32162	0.11717	0	0	0.11717	0.007236	0.035202	0.159608	0.122468	0	0	0.122468	0.028944	0.100577	0.251989	1713.117	0	0	1713.117	0.007242
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Electricity	34.31405382	986.8338	0	986.8338	137.2562153	2007.697	0	0	0	0	0	0	0	0	1.25E-06	7.99E-06	9.24E-06	0	0	0	0	4.98E-06	2.28E-05	2.78E-05	0	0	0	0	0
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Natural Gas	2425.005058	264093.8	264093.8	0	9700.02023	0	4.042873	0	0	4.042873	0.005598	0	0	0.005598	0.002404	0.011196	0.019198	0.005851	0	0	0.005851	0.009615	0.031989	0.047455	526.6049	0	0	526.6049	2.061239
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Gasoline	5817.392522	382891.1	382891.1	0	116394.3896	0	6.691537	0	0.044552	6.736089	0.004099	0	0.001321	0.00542	0.00211	0.016884	0.024415	0.004359	0	0.001388	0.005747	0.008441	0.048241	0.06243	1122.301	0	18.18651	1140.487	0.244144
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Diesel	174735.4263	35500867	35500867	0	2547079.458	0	842.3105	39.54908	0	881.8595	23.20254	0.796912	0	23.99945	0.347132	1.421658	25.76824	24.25165	0.832945	0	25.0846	1.388529	4.061881	30.53501	68507.22	2529.258	0	71036.47	2.018899
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Natural Gas	184.8037355	17254.84	17254.84	0	850.0971831	0	0.646651	0.002056	0	0.648708	0.000801	8.5E-08	0	0.000801	0.000171	0.001398	0.00237	0.000871	9.25E-08	0	0.000871	0.000685	0.003994	0.00555	57.18027	1.50519	0	58.68546	0.174235
Statewide Totals	2002	LDA	Aggregate	Aggregate	Gasoline	13337653.68	4.9E+08	4.9E+08	0	62474621.21	0	344.4293	0	70.57658	415.0058	4.575568	0	0.786575	5.362142	1.079756	1.458797	7.900695	4.962699	0	0.85078	5.813479	4.319025	4.16799	14.3005	196187.4	0	7921.649	204109	19.29259
Statewide Totals	2002	LDA	Aggregate	Aggregate	Diesel	91859.46349	2213249	2213249	0	380198.4799	0	4.050015	0	0	4.050015	0.621911	0	0	0.621911	0.004879	0.006859	0.633649	0.650031	0	0	0.650031	0.019518	0.019596	0.689145	866.8714	0	0	866.8714	0.037673
Statewide Totals	2002	LDA	Aggregate	Aggregate	Electricity	4877.048085	159631	0	159631	24685.49068	61630.73	0	0	0	0	0	0	0	0	0.000352	0.000268	0.00062	0	0	0	0	0.001408	0.000766	0.002174	0	0	0	0	0
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Gasoline	2148790.296	73247239	73247239	0	9780555.43	0	86.10996	0	13.43521	99.54516	0.898942	0	0.153084	1.052026	0.161483	0.258148	1.471656	0.97001	0	0.164732	1.134742	0.645931	0.737564	2.518237	33902.39	0	1494.849	35397.24	4.69408
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Diesel	6305.646741	163328	163328	0	26274.87756	0	0.290334	0	0	0.290334	0.042684	0	0	0.042684	0.00036	0.000634	0.043678	0.044614	0	0	0.044614	0.00144	0.001812	0.047866	79.57054	0	0	79.57054	0.002474
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Electricity	1147.095885	34539.92	0	34539.92	5644.104002	13335.26	0	0	0	0	0	0	0	0	7.61E-05	5.83E-05	0.000134	0	0	0	0	0.000305	0.000166	0.000471	0	0	0	0	0
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Gasoline	3918885.908	1.49E+08	1.49E+08	0	18684596.2	0	175.601	0	38.11815	213.7191	1.231894	0	0.192798	1.424692	0.329312	0.513219	2.267222	1.335023	0	0.208655	1.543678	1.317246	1.466339	4.327263	82350.29	0	3051.144	85401.43	6.227043
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Diesel	451.8937377	11878.69	11878.69	0	1885.583951	0	0.021761	0	0	0.021761	0.003124	0	0	0.003124	2.62E-05	4.68E-05	0.003197	0.003265	0	0	0.003265	0.000105	0.000134	0.003504	6.412166	0	0	6.412166	0.000184
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Gasoline	522118.6889	21004483	21004483	0	7778790.508	0	30.50753	0.02308	3.305576	33.83619	0.147196	0	0.01592	0.163115	0.046307	0.63209	0.841512	0.15968	0	0.017192	0.176872	0.185228	1.805971	2.168071	23007.4	73.21497	235.6265	23316.24	1.774572
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Diesel	200223.5543	8870250	8870250	0	2518560.431	0	76.80202	0.57298	0	77.375	0.597638	0.010655	0	0.608293	0.029333	0.266933	0.904559	0.624661	0.011136	0	0.635797	0.117333	0.762667	1.515797	5660.516	31.676	0	5692.192	0.088855
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Gasoline	65154.9887	2546235	2546235	0	970712.2508	0	3.593662	0.002887	0.423389	4.019939	0.017745	0	0.002054	0.019799	0.005613	0.089395	0.114807	0.019221	0	0.002211	0.021432	0.022454	0.255414	0.2993	3160.759	10.53983	33.35012	3204.649	0.213843
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Diesel	52321.03153	2177789	2177789	0	658132.7568	0	19.40592	0.149727	0	19.55565	0.148762	0.00261	0	0.151373	0.007202	0.076459	0.235034	0.155489	0.002728	0	0.158217	0.028807	0.218455	0.405479	1521.178	12.45874	0	1533.636	0.022184
Statewide Totals	2002	MCY	Aggregate	Aggregate	Gasoline	416160.2973	2841546	2841546	0	832320.5945	0	4.022184	0	0.288019	4.310203	0.021928	0	0.01228	0.034209	0.003132	0.013156	0.050496	0.023047	0	0.01289	0.035937	0.012529	0.037587	0.086053	703.3983	0	76.37036	779.7686	1.346625
Statewide Totals	2002	MDV	Aggregate	Aggregate	Gasoline	2503500.182	99070972	99070972	0	12135510.62	0	104.0692	0	22.50571	126.5749	0.701861	0	0.134047	0.835908	0.218414	0.329773	1.384095	0.759989	0	0.145086	0.905075	0.873657	0.942208	2.72094	58151.28	0	2065.801	60217.09	4.341623
Statewide Totals	2002	MDV	Aggregate	Aggregate	Diesel	9664.43135	235730.7	235730.7	0	39962.0492	0	0.434675	0	0	0.434675	0.066684	0	0	0.066684	0.00052	0.000921	0.068126	0.0697	0	0	0.0697	0.002079	0.002633	0.074411	143.3651	0	0	143.3651	0.00379
Statewide Totals	2002	MH	Aggregate	Aggregate	Gasoline	227051.5476	1913801	1913801	0	22714.23682	0	5.945795	0	0.009671	5.955466	0.019916	0	9.55E-05	0.020012	0.006329	0.032653	0.058994	0.021339	0	0.000101	0.02144	0.025315	0.093294	0.140049	4145.641	0	1.44936	4147.09	0.345709
Statewide Totals	2002	MH	Aggregate	Aggregate	Diesel	14200.70875	172641	172641	0	1420.070875	0	2.164174	0	0	2.164174	0.043367	0	0	0.043367	0.000761	0.002935	0.047063	0.045327	0	0	0.045327	0.003045	0.008385	0.056758	200.9391	0	0	200.9391	0.001769
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Gasoline	76122.41799	3188784	3188784	0	1523057.339	0	12.55231	0.006842	0.906563	13.46572	0.032	0	0.010671	0.042671	0.010545	0.054397	0.107614	0.034327	0	0.011272	0.045599	0.04218	0.155421	0.243201	6856.686	48.20816	149.9205	7054.815	0.636379
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Diesel	176957.6734	10213234	10213234	0	2108494.157	0	143.956	7.158377	0	151.1144	4.857484	0.198867	0	5.056351	0.033774	0.174658	5.264784	5.077118	0.207859	0	5.284977	0.135098	0.499024	5.919099	13409.24	446.4331	0	13855.67	0.356136

Statewide Totals	2002	OBUS	Aggregate	Aggregate	Gasoline	10751.76767	613600.9	613600.9	0	215121.3676	0	2.172108	0.000733	0.11808	2.290922	0.002955	0	0.000629	0.003584	0.002029	0.010487	0.0161	0.003192	0	0.000667	0.003859	0.008117	0.029962	0.041938	1279.379	4.734768	11.76782	1295.882	0.059342
Statewide Totals	2002	OBUS	Aggregate	Aggregate	Diesel	9859.364419	665936.5	665936.5	0	123915.4737	0	11.83558	0.564581	0	12.40016	0.437301	0.014828	0	0.452128	0.002202	0.017389	0.47172	0.457073	0.015498	0	0.472572	0.008809	0.049684	0.531065	1040.262	37.15424	0	1077.417	0.036356
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Gasoline	4120.083913	203794.9	203794.9	0	16480.33565	0	0.754312	0.003789	0.00919	0.767292	0.003893	0	0.000163	0.004056	0.000449	0.003583	0.008088	0.004135	0	0.000173	0.004308	0.001797	0.010237	0.016342	222.1093	12.52847	1.687416	236.3252	0.062685
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Diesel	16459.23082	473799.1	473799.1	0	238329.6622	0	6.941696	0.5988	0	7.540496	0.293805	0.019299	0	0.313104	0.001567	0.008335	0.323006	0.30709	0.020171	0	0.327261	0.006267	0.023814	0.357343	655.0768	37.88272	0	692.9595	0.022995
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Gasoline	603.2842546	55234.29	55234.29	0	2413.137018	0	0.102049	0	0.002576	0.104625	0.000175	0	3.71E-06	0.000179	0.000164	0.002217	0.002559	0.00019	0	4.03E-06	0.000194	0.000654	0.006334	0.007182	108.7473	0	0.292282	109.0395	0.003047
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Diesel	7222.407735	815977.6	815977.6	0	28889.63094	0	17.95269	0	0	17.95269	0.114108	0	0	0.114108	0.007089	0.034423	0.15562	0.119267	0	0	0.119267	0.028356	0.098352	0.245975	1678.352	0	0	1678.352	0.007143
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Electricity	36.34456103	1210.081	0	1210.081	145.3782441	2444.231	0	0	0	0	0	0	0	0	1.37E-06	8.79E-06	1.02E-05	0	0	0	0	5.48E-06	2.51E-05	3.06E-05	0	0	0	0	0
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Natural Gas	2980.782968	368294.7	368294.7	0	11923.13187	0	5.779232	0	0	5.779232	0.007908	0	0	0.007908	0.003446	0.015617	0.026971	0.008266	0	0	0.008266	0.013784	0.044619	0.066669	752.2232	0	0	752.2232	2.976873
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Gasoline	5777.527727	363697.4	363697.4	0	115596.7748	0	5.947756	0	0.043974	5.99173	0.0037	0	0.001314	0.005014	0.002005	0.016029	0.023048	0.003933	0	0.00138	0.005313	0.008018	0.045798	0.059129	1050.65	0	17.91827	1068.568	0.226811
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Diesel	197939.0722	34527310	34527310	0	2825931.783	0	795.851	42.86918	0	838.7202	22.02822	0.81229	0	22.84051	0.33761	1.382531	24.56065	23.02424	0.849018	0	23.87326	1.350442	3.95009	29.17379	66471.27	2717.239	0	69188.51	1.954229
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Natural Gas	249.5934994	20580.75	20580.75	0	1148.130097	0	0.718359	0.002777	0	0.721136	0.001145	1.15E-07	0	0.001145	0.000204	0.001667	0.003017	0.001245	1.25E-07	0	0.001246	0.000817	0.004764	0.006826	67.6419	2.034208	0	69.67611	0.201003
Statewide Totals	2003	LDA	Aggregate	Aggregate	Gasoline	13289987.44	4.76E+08	4.76E+08	0	62230478.6	0	308.5092	0	67.77203	376.2812	3.995369	0	0.717325	4.712694	1.048698	1.416642	7.178034	4.333443	0	0.775782	5.109225	4.194794	4.047548	13.35157	187391.8	0	7655.406	195047.2	17.29677
Statewide Totals	2003	LDA	Aggregate	Aggregate	Diesel	87016.24396	2046951	2046951	0	359391.1387	0	3.748943	0	0	3.748943	0.531416	0	0	0.531416	0.004513	0.006307	0.542236	0.555444	0	0	0.555444	0.018051	0.018019	0.591515	787.5572	0	0	787.5572	0.032388
Statewide Totals	2003	LDA	Aggregate	Aggregate	Electricity	11625.39477	372979.3	0	372979.3	59050.27466	144000.8	0	0	0	0	0	0	0	0	0.000822	0.000627	0.001449	0	0	0	0	0.003289	0.001792	0.005081	0	0	0	0	0
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Gasoline	2113483.179	69150105	69150105	0	9563720.468	0	78.36982	0	12.81988	91.1897	0.808757	0	0.14296	0.951717	0.15245	0.245993	1.350161	0.87275	0	0.153857	1.026607	0.6098	0.702839	2.339246	31633.8	0	1431.776	33065.58	4.311623
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Diesel	6105.639922	151046.6	151046.6	0	25181.52778	0	0.268563	0	0	0.268563	0.038654	0	0	0.038654	0.000333	0.00059	0.039576	0.040401	0	0	0.040401	0.001332	0.001685	0.043418	73.98015	0	0	73.98015	0.002254
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Electricity	1431.451036	41386.73	0	41386.73	7007.686536	15978.69	0	0	0	0	0	0	0	0	9.12E-05	6.99E-05	0.000161	0	0	0	0	0.000365	0.0002	0.000565	0	0	0	0	0
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Gasoline	4205849.42	1.56E+08	1.56E+08	0	20045006	0	168.1114	0	39.63887	207.7503	1.156706	0	0.189993	1.346699	0.344128	0.536669	2.227496	1.253653	0	0.205657	1.45931	1.376512	1.533341	4.369163	84727.58	0	3180.091	87907.67	5.97135
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Diesel	454.4635689	11407.08	11407.08	0	1876.335244	0	0.020841	0	0	0.020841	0.002964	0	0	0.002964	2.51E-05	4.53E-05	0.003035	0.003098	0	0	0.003098	0.000101	0.000129	0.003329	6.136531	0	0	6.136531	0.000176
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Gasoline	578816.2666	22781595	22781595	0	8623499.936	0	29.24376	0.025755	3.803179	33.0727	0.145099	0	0.016343	0.161441	0.050225	0.685569	0.897235	0.15743	0	0.017656	0.175085	0.200899	1.958768	2.334753	24605.53	80.29905	253.2252	24939.05	1.682058
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Diesel	239705.9506	10498692	10498692	0	3015199.309	0	89.2198	0.685967	0	89.90577	0.664131	0.011606	0	0.675737	0.034718	0.315938	1.026394	0.69416	0.012131	0	0.706291	0.138874	0.902681	1.747845	6689.273	37.92544	0	6727.198	0.105453
Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Gasoline	68228.90035	2579278	2579278	0	1016508.954	0	3.310783	0.003041	0.465494	3.779318	0.016295	0	0.001934	0.018229	0.005686	0.090555	0.11447	0.017662	0	0.002086	0.019748	0.022745	0.258728	0.301221	3153.749	10.91816	33.72151	3198.389	0.18859
Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Diesel	58854.67087	2383111	2383111	0	740317.7204	0	20.95253	0.168425	0	21.12095	0.156205	0.002734	0	0.158939	0.007881	0.083668	0.250488	0.163268	0.002858	0	0.166126	0.031523	0.239051	0.4367	1664.785	14.15262	0	1678.938	0.024668
Statewide Totals	2003	MCY	Aggregate	Aggregate	Gasoline	450619.0104	3061169	3061169	0	901238.0208	0	4.328436	0	0.310042	4.638478	0.021328	0	0.012193	0.033522	0.003374	0.014172	0.051068	0.022428	0	0.012803	0.035231	0.013497	0.040492	0.089221	748.2105	0	81.60482	829.8153	1.43788
Statewide Totals	2003	MDV	Aggregate	Aggregate	Gasoline	2891782.715	1.12E+08	1.12E+08	0	14024281.36	0	105.5331	0	25.97159	131.5047	0.702812	0	0.138742	0.841554	0.246093	0.371769	1.459415	0.761376	0	0.15024	0.911616	0.984371	1.062198	2.958185	64871.51	0	2327.823	67199.34	4.343801
Statewide Totals	2003	MDV	Aggregate	Aggregate	Diesel	8920.203089	205636	205636	0	36433.82475	0	0.378133	0	0	0.378133	0.057576	0	0	0.057576	0.000453	0.000811	0.05884	0.060179	0	0	0.060179	0.001813	0.002316	0.064308	124.801	0	0	124.801	0.003289
Statewide Totals	2003	MH	Aggregate	Aggregate	Gasoline	224465.105	1856844	1856844	0	22455.48911	0	5.270405	0	0.009623	5.280028	0.018064	0	9.06E-05	0.018154	0.00614	0.031674	0.055969	0.019352	0	9.6E-05	0.019448	0.024562	0.090498	0.134508	3965.614	0	1.387627	3967.001	0.311158
Statewide Totals	2003	MH	Aggregate	Aggregate	Diesel	17289.1494	207174.2	207174.2	0	1728.91494	0	2.394869	0	0	2.394869	0.052006	0	0	0.052006	0.000913	0.00352	0.056439	0.054358	0	0	0.054358	0.003654	0.010056	0.068068	240.2136	0	0	240.2136	0.001953
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Gasoline	78465.16686	3199911	3199911	0	1569931.059	0	12.39708	0.007081	0.945128	13.34929	0.029631	0	0.010388	0.040018	0.010582	0.05457	0.10517	0.031807	0	0.010978	0.042784	0.042328	0.155914	0.241026	6787.839	49.15329	148.8638	6985.856	0.601244
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Diesel	206041.1658	9934237	9934237	0	2448736.679	0	135.8654	8.571561	0	144.4369	4.57667	0.216031	0	4.792701	0.032852	0.169888	4.995441	4.783607	0.225799	0	5.009406	0.131407	0.485395	5.626208	13009.84	527.9367	0	13537.77	0.338177
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Gasoline	11072.57872	620553.3	620553.3	0	221540.155	0	2.099535	0.00076	0.11934	2.219635	0.002662	0	0.000592	0.003253	0.002052	0.010602	0.015908	0.002876	0	0.000628	0.003504	0.008209	0.030292	0.042004	1277.971	4.822847	11.60147	1294.396	0.055722
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Diesel	9140.014804	647743.9	647743.9	0	113185.7766	0	11.45333	0.506349	0	11.95968	0.441995	0.012903	0	0.454898	0.002142	0.016914	0.473954	0.46198	0.013486	0	0.475466	0.008568	0.048326	0.53236	1011.782	33.09027	0	1044.873	0.037817
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Gasoline	4338.854785	207877.9	207877.9	0	17355.41914	0	0.764328	0.004015	0.00988	0.778223	0.003724	0	0.000161	0.003884	0.000458	0.003655	0.007997	0.003958	0	0.00017	0.004128	0.001833	0.010442	0.016403	223.81	13.05236	1.754813	238.6172	0.064106
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Diesel	16458.96252	460818.6	460818.6	0	238325.7773	0	6.531383	0.618087	0	7.14947	0.275148	0.017986	0	0.293133	0.001524	0.008107	0.302764	0.287589	0.018799	0	0.306387	0.006096	0.023162	0.335645	635.1633	38.49724	0	673.6605	0.021819
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Gasoline	598.2115969	52382.43	52382.43	0	2392.846387	0	0.080052	0	0.002712	0.082764	0.000154	0	3.63E-06	0.000158	0.000154	0.002098	0.00241	0.000168	0	3.95E-06	0.000172	0.000618	0.005993	0.006783	100.8591	0	0.28734	101.1465	0.002408
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Diesel	7371.129449	802302.5	802302.5	0	29484.5178	0	17.40906	0	0	17.40906	0.10855	0	0	0.10855	0.006886	0.033827	0.149263	0.113458	0	0	0.113458	0.027546	0.096648	0.237652	1628.575	0	0	1628.575	0.006845
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Electricity	34.62831988	1080.683	0	1080.683	138.5132795	2193.564	0	0	0	0	0	0	0	0	9.03E-07	5.8E-06	6.7E-06	0	0	0	0	3.61E-06	1.66E-05	2.02E-05	0	0	0	0	0
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Natural Gas	3246.0186	426714.5	426714.5	0	12984.0744	0	6.665509	0	0	6.665509	0.009104	0	0	0.009104	0.003961	0.018096	0.031161	0.009516	0	0	0.009516	0.015843	0.051702	0.077061	869.0972	0	0	869.0972	3.434269
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Gasoline	5818.293861	452435	452435	0	116412.4236	0	5.379481	0	0.038121	5.417602	0.003179	0	0.001199	0.004378	0.002494	0.019881	0.026753	0.003379	0	0.00126	0.004639	0.009974	0.056802	0.071415	1266.101	0	17.05778	1283.159	0.20718
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Diesel	206852.9012	36874324	36874324	0	2992787.427	0	803.3157	48.23825	0	851.5539	23.74439	0.832728	0	24.57712	0.360558	1.476326	26.414	24.818	0.87038	0	25.68839	1.442232	4.218073	31.34869	70839.11	3018.428	0	73857.54	2.03281
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Natural Gas	295.5181664	25983.71	25983.71	0	1359.383565	0	0.866126	0.003288	0	0.869414	0.001591	1.36E-07	0	0.001591	0.000258	0.002105	0.003954	0.001731	1.48E-07	0	0.001731	0.001031	0.006015	0.008777	84.91861	2.408612	0	87.32722	0.248217
Statewide Totals	2004	LDA	Aggregate	Aggregate	Gasoline	13615726.33	4.75E+08	4.75E+08	0	63711787.26	0	276.281	0	63.66231	339.9433	3.493194	0	0.657976	4.15117	1.046964	1.41533	6.613464	3.788767	0	0.711524	4.50029	4.187856	4.0438	12.73195	186154.7	0	7661.005	193815.7	15.88408
Statewide Totals	2004	LDA	Aggregate	Aggregate	Diesel	83595.52635	1894903	1894903	0	343401.0955	0	3.474424	0	0	3.474424	0.464222	0	0	0.464222	0.004178	0.005825	0.474225	0.485212	0	0	0.485212	0.01671	0.016644	0.518566	719.9765	0	0	719.9765	0.028417
Statewide Totals	2004	LDA	Aggregate	Aggregate	Electricity	9437.108137	284745.9	0	284745.9	47365.81143	109935.4	0	0	0	0	0	0	0	0	0.000628	0.00048	0.001107	0	0	0	0	0.002511	0.00137	0.003881	0	0	0	0	0
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Gasoline	2016966.816	63407313	63407313	0	9072281.745	0	68.11512	0	11.5441	79.65922	0.703005	0	0.129148	0.832154	0.139789	0.227393	1.199336	0.758603	0	0.138996	0.897599	0.559157	0.649695	2.106451	28867.72	0	1339.91	30207.63	3.861633
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Diesel	5953.364015	143742.4	143742.4	0	24445.31316	0	0.257075	0	0	0.257075	0.034852	0	0	0.034852	0.000317	0.000558	0.035727	0.036428	0	0	0.036428	0.001268	0.001593	0.039289	71.4847	0	0	71.4847	0.002041
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Electricity	1417.124089	38509.14	0	38509.14	6854.58353	14867.71	0	0	0	0	0	0	0	0	8.49E-05	6.51E-05	0.00015	0	0	0	0	0.00034	0.000186	0.000526	0	0	0	0	0
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Gasoline	4427127.291	1.6E+08	1.6E+08	0	21093497.06	0	152.5263	0	37.57583	190.1021	1.026122	0	0.176329	1.202451	0.353327	0.551413	2.107191	1.11211	0	0.19087	1.30298	1.413309	1.575465	4.291754	85796.97	0	3255.371	89052.34	5.577924
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Diesel	390.4778235	9447.348	9447.348	0	1602.85746	0	0.017348	0	0	0.017348	0.002363	0	0	0.002363	2.08E-05	3.73E-05	0.002422	0.00247	0	0	0.00247	8.33E-05	0.000107	0.00266	5.050497	0	0	5.050497	0.00014
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Gasoline	607165.4915	23030737	23030737	0	9045861.147	0	27.2305	0.02714	4.296216	31.55386	0.132833	0	0.015742	0.148576	0.050774	0.693066	0.892416	0.144144	0	0.017015	0.161159	0.203096	1.980189	2.344445	24696.07	83.83328	261.3094	25041.21	1.554387
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Diesel	276406.6171	11937413	11937413	0	3476847.523	0	92.28421	0.790994	0	93.0752	0.900884	0.01238	0	0.913264	0.039476	0.359234	1.311974	0.941618	0.012939	0	0.954557	0.157905	1.026382	2.138844	7380.64	43.73159	0	7424.372	0.137637
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Gasoline	70691.27755	2682148	2682148	0	1053194.706	0	2.829744	0.003179	0.52538	3.358303	0.013763	0	0.001714	0.015476	0.005913	0.094167	0.115556	0.01492	0	0.001849	0.016769	0.023652	0.269047	0.309468	3246.776	11.26096	34.05347	3292.09	0.153998
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Diesel	62756.81957	2495419	2495419	0	789401.8421	0	20.48987	0.179591	0	20.66946	0.181321	0.002701	0	0.184021	0.008252	0.087611	0.279884	0.189519	0.002823	0	0.192342	0.033009	0.250316	0.475667	1763.712	15.23825	0	1778.951	0.028428
Statewide Totals	2004	MCY	Aggregate	Aggregate	Gasoline	484767.6844	3159800	3159800	0	969535.3688	0	4.465785	0	0.334193	4.799978	0.019236	0	0.011968	0.031204	0.003483	0.014629	0.049316	0.020228	0	0.012567	0.032795	0.013932	0.041797	0.088524	769.1298	0	87.44255	856.5724	1.473589
Statewide Totals	2004	MDV	Aggregate	Aggregate	Gasoline	3283878.961	1.24E+08	1.24E+08	0	15928992.25	0	102.0781	0	26.48778	128.5658	0.652592	0	0.134075	0.786666	0.272668	0.412214	1.471548	0.7071	0	0.145217	0.852317	1.090671	1.177754	3.120742	71952.31	0	2589.369	74541.68	4.232061
Statewide Totals	2004	MDV	Aggregate	Aggregate	Diesel	8946.07291	207853.3	207853.3	0	36680.16726	0	0.383216	0	0	0.383216	0.05238	0	0	0.05238	0.000458	0.000798	0.053636	0.054748	0	0	0.054748	0.001833	0.00228	0.058862	125.6155	0	0	125.6155	0.003031
Statewide Totals	2004	MH	Aggregate	Aggregate	Gasoline	218037.6339	1793127	1793127	0	21812.4849	0	4.561727	0	0.009264	4.570991	0.01559	0	8.07E-05	0.01567	0.00593	0.030578	0.052178	0.016708	0	8.56E-05	0.016793	0.023719	0.087366	0.127878	3794.515	0	1.287688	3795.803	0.268838
Statewide Totals	2004	MH	Aggregate	Aggregate	Diesel	20131.82396	239702	239702	0	2013.182396	0	2.509636	0	0	2.509636	0.060173	0	0	0.060173	0.001057	0.004071	0.065301	0.062894	0	0	0.062894	0.004228	0.011631	0.078752	276.8192	0	0	276.8192	0.002032
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Gasoline	77286.97244	3196701	3196701	0	1546357.744	0	11.21472	0.007025	0.929657	12.15141	0.025218	0	0.00935	0.034567	0.010571	0.054488	0.099627	0.027079	0	0.009883	0.036963	0.042285	0.155681	0.234928	6713.625	48.19531	140.4647	6902.285	0.52347
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Diesel	219426.4177	10610216	10610216	0	2616773.347	0	138.5121	9.351973	0	147.8641	4.752809	0.214158	0	4.966967	0.035087	0.181448	5.183503	4.96771	0.223841	0	5.191551	0.140349	0.518424	5.850324	13857.97	568.572	0	14426.54	0.350061
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Gasoline	11980.39026	660340.5	660340.5	0	239703.6482	0	2.004702	0.000828	0.127628	2.133158	0.002352	0	0.000547	0.002899	0.002184	0.011281	0.016364	0.002542	0	0.00058	0.003122	0.008735	0.032233	0.04409	1349.084	5.193092	11.99533	1366.272	0.053204
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Diesel	9397.58776	691799.6	691799.6	0	117803.1733	0	11.91644	0.541887	0	12.45833	0.466624	0.013437	0	0.480061	0.002288	0.018065	0.500413	0.487723	0.014044	0	0.501767	0.009151	0.051613	0.562532	1078.219	35.32307	0	1113.542	0.040345
Statewide Totals	2004	SBUS	Aggregate	Aggregate	Gasoline	4348.925511	202877	202877	0	17395.70204	0	0.737385	0.00405	0.010227	0.751662	0.003305	0	0.000145	0.00345	0.000447	0.003567	0.007464	0.003516	0	0.000154	0.003671	0.001789	0.010191	0.015651	216.916	13.02201	1.727194	231.6652	0.061703
Statewide Totals	2004	SBUS	Aggregate	Aggregate	Diesel	16459.29757	492190.5	492190.5	0	238330.6288	0	6.787931	0.63467	0	7.422601	0.285738	0.01676	0	0.302498	0.001628	0.008659	0.312784	0.298658	0.017518	0	0.316176	0.006511	0.024739	0.347425	676.7804	39.02563	0	715.806	0.022898
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Gasoline	602.6842655	54821.68	54821.68	0	2410.737062	0	0.065102	0	0.002844	0.067945	0.000143	0	3.39E-06	0.000146	0.000161	0.002192	0.002499	0.000155	0	3.68E-06	0.000159	0.000644	0.006263	0.007066	104.8345	0	0.283638	105.1182	0.001844
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Diesel	6995.205115	730202.5	730202.5	0	27980.82046	0	15.25906	0	0	15.25906	0.094346	0	0	0.094346	0.006225	0.03077	0.131341	0.098612	0	0	0.098612	0.0249	0.087914	0.211426	1465.763	0	0	1465.763	0.006102
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Electricity	25.63834964	818.2969	0	818.2969	102.5533986	1697.938	0	0	0	0	0	0	0	0	5.13E-08	3.29E-07	3.8E-07	0	0	0	0	2.05E-07	9.4E-07	1.14E-06	0	0	0	0	0
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Natural Gas	3594.274352	441214.9	441214.9	0	14377.09741	0	6.720046	0	0	6.720046	0.009255	0	0	0.009255	0.004008	0.018694	0.031958	0.009674	0	0	0.009674	0.016032	0.053412	0.079118	878.955	0	0	878.955	3.463575
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Gasoline	4808.775436	318625.9	318625.9	0	96213.97892	0	4.01196	0	0.027169	4.039129	0.002547	0	0.001062	0.003609	0.001756	0.013996	0.019361	0.002703	0	0.001115	0.003818	0.007024	0.039988	0.050831	897.404	0	14.59496	911.9989	0.165948
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Diesel	217552.3933	38447311	38447311	0	3192910.277	0	776.0828	47.72257	0	823.8054	24.4732	0.679578	0	25.15278	0.375934	1.538858	27.06758	25.57977	0.710306	0	26.29008	1.503738	4.396737	32.19056	73616.87	2916.564	0	76533.43	1.968352
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Natural Gas	420.8384408	37835.62	37835.62	0	1935.856828	0	1.192035	0.004682	0	1.196717	0.002598	1.94E-07	0	0.002598	0.000375	0.003065	0.006039	0.002826	2.11E-07	0	0.002826	0.001501	0.008758	0.013086	124.5293	3.440655	0	127.97	0.368492
Statewide Totals	2005	LDA	Aggregate	Aggregate	Gasoline	13394010.81	4.69E+08	4.69E+08	0	62846346.39	0	240.6155	0	58.3936	299.0091	2.878759	0	0.555559	3.434318	1.033414	1.394487	5.862219	3.122092	0	0.600579	3.722671	4.133657	3.984249	11.84058	182829.3	0	7344.35	190173.6	13.91024
Statewide Totals	2005	LDA	Aggregate	Aggregate	Diesel	74345.26436	1652198	1652198	0	303776.9097	0	3.024621	0	0	3.024621	0.380996	0	0	0.380996	0.003642	0.005071	0.389709	0.398223	0	0	0.398223	0.01457	0.014487	0.42728	620.1757	0	0	620.1757	0.023451
Statewide Totals	2005	LDA	Aggregate	Aggregate	Electricity	8238.327886	239658.8	0	239658.8	40947.22052	92528.09	0	0	0	0	0	0	0	0	0.000528	0.000404	0.000933	0	0	0	0	0.002113	0.001155	0.003268	0	0	0	0	0
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Gasoline	1930842.958	59325461	59325461	0	8632923.912	0	61.60549	0	10.74778	72.35327	0.623751	0	0.11591	0.739661	0.13079	0.215115	1.085567	0.673321	0	0.124805	0.798127	0.523161	0.614615	1.935903	26909.24	0	1258.372	28167.62	3.495029
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Diesel	5228.778812	120506.9	120506.9	0	21131.5248	0	0.215556	0	0	0.215556	0.029624	0	0	0.029624	0.000266	0.000475	0.030365	0.030963	0	0	0.030963	0.001063	0.001357	0.033384	59.87366	0	0	59.87366	0.001742
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Electricity	1328.512746	34660	0	34660	6353.681933	13381.62	0	0	0	0	0	0	0	0	7.64E-05	5.87E-05	0.000135	0	0	0	0	0.000306	0.000168	0.000473	0	0	0	0	0
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Gasoline	4491068.049	1.62E+08	1.62E+08	0	21437526.95	0	134.9101	0	34.88421	169.7943	0.86089	0	0.152757	1.013647	0.357914	0.557294	1.928855	0.932957	0	0.165348	1.098306	1.431658	1.592268	4.122231	85713.95	0	3205.985	88919.93	4.979882
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Diesel	445.265376	10312.76	10312.76	0	1786.746942	0	0.019422	0	0	0.019422	0.002697	0	0	0.002697	2.27E-05	4.04E-05	0.00276	0.002818	0	0	0.002818	9.09E-05	0.000115	0.003025	5.504677	0	0	5.504677	0.000162
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Gasoline	620510.6796	23097034	23097034	0	9244684.565	0	24.41922	0.027895	4.822907	29.27002	0.118586	0	0.014507	0.133093	0.05092	0.695061	0.879074	0.12869	0	0.015683	0.144373	0.203681	1.985889	2.333943	24663.06	85.52984	262.6382	25011.22	1.360428
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Diesel	315560.922	13553206	13553206	0	3969359.424	0	97.19676	0.903042	0	98.0998	1.143084	0.013047	0	1.156131	0.04482	0.407858	1.608808	1.194769	0.013637	0	1.208406	0.179278	1.165308	2.552993	8175.428	49.925	0	8225.353	0.17256
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Gasoline	69375.39075	2578085	2578085	0	1033589.953	0	2.443739	0.003138	0.5668	3.013677	0.011409	0	0.001387	0.012796	0.005684	0.090513	0.108993	0.012385	0	0.001501	0.013886	0.022735	0.258609	0.295229	3099.92	11.03199	32.45836	3143.41	0.121567
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Diesel	73098.10725	3017402	3017402	0	919482.2318	0	22.08359	0.209185	0	22.29278	0.252053	0.002848	0	0.2549	0.009978	0.105937	0.370815	0.263449	0.002976	0	0.266425	0.039913	0.302677	0.609015	2168.241	17.96013	0	2186.201	0.038056
Statewide Totals	2005	MCY	Aggregate	Aggregate	Gasoline	521242.1926	3475531	3475531	0	1042484.385	0	4.911791	0	0.360706	5.272498	0.016631	0	0.011015	0.027645	0.003831	0.016091	0.047567	0.017488	0	0.011567	0.029055	0.015324	0.045973	0.090353	844.9737	0	94.03516	939.0089	1.6061
Statewide Totals	2005	MDV	Aggregate	Aggregate	Gasoline	3595368.169	1.35E+08	1.35E+08	0	17444544.92	0	97.93499	0	26.69739	124.6324	0.586152	0	0.123	0.709152	0.296791	0.448708	1.45465	0.635187	0	0.133238	0.768425	1.187162	1.282022	3.237609	78322.38	0	2780.229	81102.61	4.010444
Statewide Totals	2005	MDV	Aggregate	Aggregate	Diesel	7291.74639	154525.6	154525.6	0	29090.55331	0	0.283842	0	0	0.283842	0.042157	0	0	0.042157	0.000341	0.000612	0.04311	0.044063	0	0	0.044063	0.001363	0.001748	0.047174	94.02126	0	0	94.02126	0.00242
Statewide Totals	2005	MH	Aggregate	Aggregate	Gasoline	207866.7692	1738980	1738980	0	20794.99159	0	3.87634	0	0.008886	3.885226	0.013299	0	7.02E-05	0.013369	0.005751	0.029641	0.04876	0.014253	0	7.44E-05	0.014327	0.023003	0.084689	0.122019	3655.809	0	1.178753	3656.988	0.228721
Statewide Totals	2005	MH	Aggregate	Aggregate	Diesel	22902.04103	272567.8	272567.8	0	2290.204103	0	2.622763	0	0	2.622763	0.069479	0	0	0.069479	0.001202	0.004624	0.075306	0.072621	0	0	0.072621	0.004807	0.013212	0.09064	313.5958	0	0	313.5958	0.002132
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Gasoline	72554.07447	2904529	2904529	0	1451661.922	0	10.35566	0.006607	0.893454	11.25572	0.022029	0	0.008476	0.030505	0.009605	0.049486	0.089596	0.02366	0	0.008962	0.032622	0.03842	0.141387	0.212429	6077.579	45.15266	130.4475	6253.179	0.469445
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Diesel	235520.7726	11066971	11066971	0	2822446.41	0	136.9459	10.30492	0	147.2508	4.783665	0.209792	0	4.993458	0.036598	0.189258	5.219314	4.999962	0.219278	0	5.21924	0.146391	0.540738	5.906369	14408.19	617.5754	0	15025.77	0.349489
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Gasoline	12838.14134	724636.7	724636.7	0	256865.5319	0	1.890158	0.000895	0.135428	2.026481	0.002031	0	0.000469	0.0025	0.002396	0.012377	0.017273	0.002197	0	0.000498	0.002694	0.009585	0.035363	0.047642	1473.471	5.55487	12.21355	1491.239	0.050001
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Diesel	9192.610907	721460.2	721460.2	0	111238.3303	0	12.10358	0.50194	0	12.60552	0.464224	0.010026	0	0.47425	0.002386	0.018839	0.495475	0.485214	0.010479	0	0.495694	0.009543	0.053827	0.559064	1120.401	31.54907	0	1151.95	0.041177
Statewide Totals	2005	SBUS	Aggregate	Aggregate	Gasoline	4142.529447	192454.9	192454.9	0	16570.11779	0	0.681471	0.003881	0.010048	0.6954	0.002897	0	0.000127	0.003024	0.000424	0.003385	0.006834	0.003085	0	0.000135	0.00322	0.001697	0.009672	0.014589	205.1103	12.38291	1.619163	219.1124	0.057512

Statewide Totals	2005	SBUS	Aggregate	Aggregate	Diesel	16459.09214	513303.2	513303.2	0	238327.6542	0	6.843143	0.651233	0	7.494376	0.289055	0.015522	0	0.304578	0.001697	0.00903	0.315305	0.302125	0.016224	0	0.318349	0.00679	0.0258	0.350939	703.8667	39.55244	0	743.4192	0.023323
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Gasoline	642.3214092	55197.71	55197.71	0	2569.285637	0	0.061867	0	0.003098	0.064965	0.000124	0	2.96E-06	0.000127	0.000164	0.002222	0.002513	0.000135	0	3.22E-06	0.000138	0.000657	0.006347	0.007143	109.2083	0	0.294238	109.5025	0.00174
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Diesel	6459.214575	688273.8	688273.8	0	25836.8583	0	13.59331	0	0	13.59331	0.081423	0	0	0.081423	0.005765	0.029001	0.11619	0.085105	0	0	0.085105	0.023061	0.08286	0.191027	1349.72	0	0	1349.72	0.005432
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Electricity	29.72736383	1096.063	0	1096.063	118.9094553	2181.217	0	0	0	0	0	0	0	0	2.42E-08	1.55E-07	1.79E-07	0	0	0	0	9.68E-08	4.44E-07	5.4E-07	0	0	0	0	0
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Natural Gas	4279.728837	540803.9	540803.9	0	17118.91535	0	8.341544	0	0	8.341544	0.011164	0	0	0.011164	0.004952	0.022915	0.039031	0.011669	0	0	0.011669	0.019809	0.065472	0.09695	1090.032	0	0	1090.032	4.446828
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Gasoline	4608.995786	303226.8	303226.8	0	92216.78769	0	3.46663	0	0.025046	3.491676	0.002213	0	0.001008	0.003222	0.001671	0.013316	0.018209	0.002346	0	0.001059	0.003405	0.006685	0.038047	0.048137	854.9104	0	14.01359	868.924	0.147731
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Diesel	236178.9205	38564195	38564195	0	3491086.32	0	747.6779	52.63495	0	800.3128	24.75724	0.698237	0	25.45548	0.377077	1.542938	27.3755	25.87666	0.729809	0	26.60646	1.508306	4.408395	32.52317	73656.7	3196.741	0	76853.44	1.948454
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Natural Gas	656.5399957	52969.6	52969.6	0	3020.08398	0	1.625629	0.007305	0	1.632934	0.003666	3.02E-07	0	0.003666	0.000526	0.004292	0.008483	0.003987	3.29E-07	0	0.003987	0.002102	0.012262	0.018351	173.0048	5.365912	0	178.3707	0.516495
Statewide Totals	2006	LDA	Aggregate	Aggregate	Gasoline	13511187.35	4.61E+08	4.61E+08	0	63396760.88	0	212.3303	0	54.89311	267.2234	2.428346	0	0.494222	2.922568	1.016617	1.37073	5.309915	2.633424	0	0.53414	3.167564	4.066467	3.916372	11.1504	180567.9	0	7291.362	187859.2	12.36943
Statewide Totals	2006	LDA	Aggregate	Aggregate	Diesel	69780.34503	1497632	1497632	0	283951.3952	0	2.744095	0	0	2.744095	0.323121	0	0	0.323121	0.003302	0.004588	0.331011	0.337731	0	0	0.337731	0.013207	0.013109	0.364047	554.7271	0	0	554.7271	0.020001
Statewide Totals	2006	LDA	Aggregate	Aggregate	Electricity	8755.427747	242542.5	0	242542.5	43198.18133	93641.43	0	0	0	0	0	0	0	0	0.000535	0.000409	0.000944	0	0	0	0	0.002139	0.00117	0.003309	0	0	0	0	0
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Gasoline	1884731.636	55555554	55555554	0	8375968.614	0	55.66839	0	10.16217	65.83056	0.553193	0	0.106474	0.659667	0.122479	0.202968	0.985114	0.597309	0	0.114686	0.711995	0.489917	0.579908	1.78182	25280.97	0	1213.716	26494.68	3.163864
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Diesel	4974.918546	109930.9	109930.9	0	19903.52515	0	0.197112	0	0	0.197112	0.026457	0	0	0.026457	0.000242	0.000433	0.027132	0.027653	0	0	0.027653	0.000969	0.001239	0.029861	54.96163	0	0	54.96163	0.001566
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Electricity	1367.354221	33810	0	33810	6482.962994	13053.45	0	0	0	0	0	0	0	0	7.45E-05	5.73E-05	0.000132	0	0	0	0	0.000298	0.000164	0.000462	0	0	0	0	0
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Gasoline	4533327.192	1.59E+08	1.59E+08	0	21589219.61	0	120.2534	0	32.98824	153.2416	0.735378	0	0.137323	0.872702	0.349461	0.545795	1.767958	0.796907	0	0.148644	0.945551	1.397845	1.559413	3.902809	83363.58	0	3179.959	86543.53	4.470793
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Diesel	429.9576547	9683.789	9683.789	0	1716.644823	0	0.01832	0	0	0.01832	0.002427	0	0	0.002427	2.13E-05	3.74E-05	0.002486	0.002537	0	0	0.002537	8.54E-05	0.000107	0.002729	5.12421	0	0	5.12421	0.000146
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Gasoline	646163.8488	23699468	23699468	0	9626878.563	0	21.75763	0.029203	5.486587	27.27342	0.10423	0	0.013404	0.117634	0.052248	0.71319	0.883073	0.113119	0	0.014493	0.127612	0.208994	2.037687	2.374292	25342.74	89.49816	271.2513	25703.49	1.181015
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Diesel	347543.0417	14428796	14428796	0	4371654.255	0	97.84933	0.994565	0	98.84389	1.31404	0.013543	0	1.327583	0.047715	0.434207	1.809505	1.373455	0.014156	0	1.387611	0.19086	1.240592	2.819063	8555.316	54.96179	0	8610.277	0.197655
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Gasoline	73438.77369	2665505	2665505	0	1094128.304	0	2.238848	0.003337	0.654008	2.896192	0.01003	0	0.001231	0.011262	0.005876	0.093582	0.11072	0.010898	0	0.001336	0.012234	0.023506	0.267378	0.303117	3210.589	11.7338	33.95019	3256.273	0.1053
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Diesel	86133.45808	3520025	3520025	0	1083450.547	0	23.59727	0.246488	0	23.84376	0.324636	0.003171	0	0.327807	0.01164	0.123583	0.46303	0.339314	0.003315	0	0.342629	0.046562	0.353095	0.742285	2555.567	21.3009	0	2576.868	0.047758
Statewide Totals	2006	MCY	Aggregate	Aggregate	Gasoline	577961.5087	3831199	3831199	0	1155923.017	0	5.413364	0	0.401438	5.814802	0.014802	0	0.010609	0.025411	0.004223	0.017737	0.047372	0.015565	0	0.011141	0.026706	0.016893	0.050678	0.094277	936.5272	0	104.9518	1041.479	1.758696
Statewide Totals	2006	MDV	Aggregate	Aggregate	Gasoline	3877141.837	1.41E+08	1.41E+08	0	18792445.81	0	90.86469	0	26.33786	117.2026	0.517938	0	0.11326	0.631199	0.310554	0.471014	1.412766	0.561298	0	0.122696	0.683994	1.242215	1.345754	3.271963	82326.66	0	2957.298	85283.96	3.691357
Statewide Totals	2006	MDV	Aggregate	Aggregate	Diesel	6557.104519	132524.5	132524.5	0	25870.01929	0	0.242997	0	0	0.242997	0.035528	0	0	0.035528	0.000292	0.000526	0.036346	0.037134	0	0	0.037134	0.001169	0.001503	0.039806	80.5883	0	0	80.5883	0.002047
Statewide Totals	2006	MH	Aggregate	Aggregate	Gasoline	199565.1284	1650180	1650180	0	19964.49545	0	3.272873	0	0.008515	3.281388	0.011234	0	6.16E-05	0.011295	0.005457	0.028116	0.044868	0.012042	0	6.53E-05	0.012107	0.021828	0.080332	0.114267	3472.437	0	1.096247	3473.533	0.19292
Statewide Totals	2006	MH	Aggregate	Aggregate	Diesel	26197.30223	303886	303886	0	2619.730223	0	2.722077	0	0	2.722077	0.078627	0	0	0.078627	0.00134	0.005152	0.085118	0.082182	0	0	0.082182	0.00536	0.014719	0.102261	348.4842	0	0	348.4842	0.002222
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Gasoline	70568.01475	2764016	2764016	0	1411924.839	0	9.319704	0.006453	0.876945	10.2031	0.018987	0	0.007738	0.026725	0.00914	0.047073	0.082939	0.020396	0	0.008184	0.02858	0.036562	0.134495	0.199636	5793.583	44.12533	124.5965	5962.305	0.414091
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Diesel	255032.1938	11105570	11105570	0	3066525.843	0	131.1454	11.36856	0	142.5139	4.730276	0.214028	0	4.944304	0.036725	0.189919	5.170948	4.944158	0.223706	0	5.167864	0.146902	0.542626	5.857391	14429.04	674.4935	0	15103.53	0.342709
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Gasoline	15108.29969	854081.2	854081.2	0	302286.8602	0	1.788233	0.001061	0.156512	1.945806	0.001793	0	0.000432	0.002224	0.002824	0.014588	0.019637	0.001939	0	0.000458	0.002397	0.011298	0.041681	0.055376	1739.768	6.568172	13.66381	1760	0.048023
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Diesel	10617.57371	723977.2	723977.2	0	127282.2959	0	11.69892	0.576404	0	12.27533	0.453623	0.010337	0	0.46396	0.002394	0.018905	0.485259	0.474134	0.010805	0	0.484939	0.009577	0.054014	0.548529	1121.803	35.64241	0	1157.445	0.040364
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Gasoline	4208.931983	191324.6	191324.6	0	16835.72793	0	0.664017	0.003958	0.010391	0.678366	0.002637	0	0.000117	0.002755	0.000422	0.003364	0.006541	0.002811	0	0.000125	0.002935	0.001687	0.009612	0.014235	204.3882	12.64111	1.620639	218.6499	0.056513
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Diesel	17292	515072.7	515072.7	0	250388.16	0	7.020514	0.665188	0	7.685703	0.316667	0.017219	0	0.333886	0.001703	0.009061	0.34465	0.330985	0.017997	0	0.348983	0.006813	0.025889	0.381685	707.5366	40.9556	0	748.4922	0.025629
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Gasoline	735.4611229	62330.25	62330.25	0	2941.844491	0	0.077782	0	0.003464	0.081247	0.000104	0	2.76E-06	0.000107	0.000172	0.00242	0.002699	0.000113	0	3E-06	0.000116	0.000689	0.006915	0.00772	107.3465	0	0.32069	107.6672	0.002142
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Diesel	6397.436731	682942.2	682942.2	0	25589.74692	0	12.78854	0	0	12.78854	0.076413	0	0	0.076413	0.005428	0.028572	0.110412	0.079868	0	0	0.079868	0.021711	0.081634	0.183212	1279.729	0	0	1279.729	0.005369
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Electricity	24.7913036	794.6164	0	794.6164	99.16521441	1651.408	0	0	0	0	0	0	0	0	2.53E-08	1.62E-07	1.87E-07	0	0	0	0	1.01E-07	4.63E-07	5.64E-07	0	0	0	0	0
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Natural Gas	4734.336005	596085.1	596085.1	0	18937.34402	0	9.112158	0	0	9.112158	0.01182	0	0	0.01182	0.005463	0.025266	0.042549	0.012355	0	0	0.012355	0.021851	0.072188	0.106394	1192.843	0	0	1192.843	5.145081
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Gasoline	4233.961606	288841.8	288841.8	0	84713.1038	0	2.951659	0	0.022349	2.974009	0.001862	0	0.000899	0.002762	0.001592	0.012697	0.017051	0.001973	0	0.000944	0.002918	0.006368	0.036278	0.045564	814.1308	0	12.75914	826.8899	0.128403
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Diesel	239155.339	39869284	39869284	0	3518917.087	0	739.5948	53.06293	0	792.6577	24.27242	0.640918	0	24.91333	0.38984	1.594736	26.89791	25.36991	0.669898	0	26.0398	1.559358	4.556389	32.15555	76092.99	3235.109	0	79328.1	1.963859
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Natural Gas	816.3354213	66161.37	66161.37	0	3823.945362	0	1.648237	0.009009	0	1.657246	0.003711	5.62E-07	0	0.003711	0.000656	0.005335	0.009703	0.004036	6.11E-07	0	0.004036	0.002625	0.015242	0.021904	195.994	6.662957	0	202.657	0.579029
Statewide Totals	2007	LDA	Aggregate	Aggregate	Gasoline	13518233.23	4.56E+08	4.56E+08	0	63474357.69	0	186.2944	0	51.02871	237.3231	2.038627	0	0.43131	2.469937	1.006063	1.355885	4.831886	2.210742	0	0.466081	2.676823	4.024252	3.873958	10.57503	179133.2	0	7171.297	186304.5	10.92602
Statewide Totals	2007	LDA	Aggregate	Aggregate	Diesel	65283.12055	1377989	1377989	0	264941.5677	0	2.528299	0	0	2.528299	0.265306	0	0	0.265306	0.003038	0.004218	0.272562	0.277302	0	0	0.277302	0.012152	0.012052	0.301505	503.4225	0	0	503.4225	0.017238
Statewide Totals	2007	LDA	Aggregate	Aggregate	Electricity	9832.033738	266183.1	0	266183.1	48352.05766	102768.6	0	0	0	0	0	0	0	0	0.000587	0.000449	0.001036	0	0	0	0	0.002347	0.001284	0.003632	0	0	0	0	0
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Gasoline	1808196.5	52115470	52115470	0	8004644.001	0	49.31774	0	9.352181	58.66992	0.482138	0	0.095152	0.57729	0.114895	0.191057	0.883242	0.520689	0	0.102521	0.62321	0.45958	0.545878	1.628669	23787.64	0	1149.113	24936.75	2.820894
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Diesel	4657.360029	100719.7	100719.7	0	18504.36826	0	0.181436	0	0	0.181436	0.022467	0	0	0.022467	0.000222	0.000396	0.023085	0.023483	0	0	0.023483	0.000888	0.00113	0.025501	50.88384	0	0	50.88384	0.001394
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Electricity	1182.629469	28259.73	0	28259.73	5565.19065	10910.59	0	0	0	0	0	0	0	0	6.23E-05	4.79E-05	0.00011	0	0	0	0	0.000249	0.000137	0.000386	0	0	0	0	0
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Gasoline	4605095.356	1.58E+08	1.58E+08	0	21902432.67	0	107.4758	0	30.99904	138.4749	0.633085	0	0.122711	0.755797	0.34888	0.545819	1.650496	0.686053	0	0.132833	0.818886	1.395519	1.559483	3.773889	82922.98	0	3171.768	86094.75	4.027842
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Diesel	439.2305983	9797.805	9797.805	0	1746.143198	0	0.018663	0	0	0.018663	0.002291	0	0	0.002291	2.16E-05	3.75E-05	0.00235	0.002395	0	0	0.002395	8.64E-05	0.000107	0.002588	5.12796	0	0	5.12796	0.000147
Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Gasoline	648803.6249	23119451	23119451	0	9666207.293	0	19.31867	0.029442	5.883211	25.23132	0.091401	0	0.012169	0.103571	0.05097	0.695736	0.850276	0.099207	0	0.013163	0.11237	0.203879	1.987817	2.304066	24805.29	90.35207	270.7764	25166.42	1.022645
Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Diesel	363565.1022	14447313	14447313	0	4573191.62	0	92.83966	1.040415	0	93.88008	1.256455	0.013024	0	1.269479	0.047776	0.434764	1.75202	1.313266	0.013613	0	1.32688	0.191105	1.242184	2.760169	8640.434	57.49935	0	8697.933	0.202732
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Gasoline	69407.38363	2463291	2463291	0	1034066.599	0	1.741395	0.003172	0.672746	2.417313	0.007817	0	0.000994	0.008811	0.005431	0.086483	0.100724	0.008494	0	0.001078	0.009571	0.021723	0.247094	0.278387	2977.633	11.15078	31.73622	3020.52	0.074446
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Diesel	92778.34352	3644031	3644031	0	1167034.846	0	22.7135	0.265504	0	22.979	0.318795	0.003172	0	0.321968	0.012051	0.127937	0.461955	0.33321	0.003316	0	0.336526	0.048202	0.365534	0.750262	2686.161	23.04323	0	2709.205	0.050201
Statewide Totals	2007	MCY	Aggregate	Aggregate	Gasoline	614719.1604	4023055	4023055	0	1229438.321	0	5.683409	0	0.428177	6.111586	0.01306	0	0.00995	0.02301	0.004435	0.018626	0.04607	0.013734	0	0.010449	0.024182	0.017739	0.053216	0.095137	989.1951	0	112.3684	1101.563	1.838539
Statewide Totals	2007	MDV	Aggregate	Aggregate	Gasoline	4025419.928	1.43E+08	1.43E+08	0	19453030.34	0	84.02228	0	25.68856	109.7108	0.456499	0	0.102738	0.559237	0.315069	0.480882	1.355188	0.494767	0	0.111309	0.606077	1.260276	1.373947	3.2403	83993.47	0	3042.506	87035.98	3.386998
Statewide Totals	2007	MDV	Aggregate	Aggregate	Diesel	5963.140101	118575.6	118575.6	0	23391.60273	0	0.2146	0	0	0.2146	0.029047	0	0	0.029047	0.000261	0.000468	0.029777	0.030361	0	0	0.030361	0.001046	0.001337	0.032743	71.95807	0	0	71.95807	0.001756
Statewide Totals	2007	MH	Aggregate	Aggregate	Gasoline	190329.0558	1565328	1565328	0	19040.51875	0	2.785657	0	0.008092	2.793749	0.009533	0	5.34E-05	0.009586	0.005176	0.026662	0.041424	0.010221	0	5.66E-05	0.010278	0.020706	0.076176	0.10716	3300.436	0	1.013148	3301.449	0.163255
Statewide Totals	2007	MH	Aggregate	Aggregate	Diesel	28927.49101	327958.3	327958.3	0	2892.749101	0	2.739372	0	0	2.739372	0.07832	0	0	0.07832	0.001446	0.005558	0.085324	0.081861	0	0	0.081861	0.005784	0.01588	0.103525	376.0182	0	0	376.0182	0.002272
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Gasoline	69752.35925	2793640	2793640	0	1395605.204	0	8.749014	0.006431	0.871373	9.626818	0.016304	0	0.006852	0.023156	0.009238	0.047573	0.079967	0.017519	0	0.007249	0.024768	0.036954	0.135922	0.197644	5867.434	43.86303	119.2579	6030.555	0.372415
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Diesel	262968.7992	11484741	11484741	0	3159086.619	0	129.3155	11.90988	0	141.2254	4.552253	0.19833	0	4.750582	0.037979	0.196403	4.984965	4.758085	0.207297	0	4.965383	0.151917	0.561151	5.678451	14915.33	704.1444	0	15619.47	0.343032
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Gasoline	15654.15372	875364.3	875364.3	0	313208.3076	0	1.63457	0.001104	0.161052	1.796725	0.001544	0	0.000381	0.001925	0.002895	0.014954	0.019774	0.001671	0	0.000405	0.002076	0.011579	0.042726	0.056381	1792.144	6.841443	13.83527	1812.82	0.04447
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Diesel	10603.87055	748714	748714	0	128003.1216	0	11.72622	0.591677	0	12.31789	0.450776	0.009742	0	0.460518	0.002476	0.019551	0.482545	0.471158	0.010183	0	0.481341	0.009904	0.05586	0.547105	1159.803	36.49343	0	1196.296	0.041883
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Natural Gas	0.777508262	22.92772	22.92772	0	6.919823533	0	4.98E-06	1.36E-06	0	6.34E-06	1E-08	2.4E-09	0	1.24E-08	7.58E-08	3.87E-07	4.75E-07	1.09E-08	2.62E-09	0	1.35E-08	3.03E-07	1.11E-06	1.42E-06	0.022921	0.001044	0	0.023966	1.2E-05
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Gasoline	4078.365979	182628.7	182628.7	0	16313.46392	0	0.616339	0.003854	0.010189	0.630381	0.002329	0	0.000105	0.002433	0.000403	0.003212	0.006048	0.002483	0	0.000111	0.002595	0.001611	0.009178	0.013383	195.7136	12.31595	1.551186	209.5807	0.052752
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Diesel	17962.85792	531896.1	531896.1	0	260102.1827	0	7.066812	0.703336	0	7.770148	0.296289	0.015757	0	0.312046	0.001759	0.009357	0.323162	0.309686	0.016469	0	0.326155	0.007036	0.026734	0.359925	727.8317	43.0626	0	770.8943	0.025438
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Natural Gas	56.14207928	790.7513	790.7513	0	812.9373079	0	0.000905	0.000331	0	0.001236	3.43E-06	5.87E-07	0	4.02E-06	2.61E-06	1.41E-05	2.08E-05	3.73E-06	6.38E-07	0	4.37E-06	1.05E-05	4.04E-05	5.52E-05	1.508052	0.254825	0	1.762877	0.004327
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Gasoline	835.3657673	73188.61	73188.61	0	3341.463069	0	0.04517	0	0.003792	0.048962	7.14E-05	0	2.19E-06	7.36E-05	0.000197	0.002808	0.003079	7.77E-05	0	2.38E-06	8.01E-05	0.000789	0.008024	0.008893	123.0953	0	0.332553	123.4278	0.001266
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Diesel	6335.146176	661696	661696	0	25340.5847	0	12.18766	0	0	12.18766	0.07246	0	0	0.07246	0.005297	0.027708	0.105466	0.075737	0	0	0.075737	0.021188	0.079167	0.176092	1238.477	0	0	1238.477	0.005138
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Electricity	38.93715314	1266.568	0	1266.568	155.7486126	2474.993	0	0	0	0	0	0	0	0	2.58E-08	1.66E-07	1.92E-07	0	0	0	0	1.03E-07	4.73E-07	5.77E-07	0	0	0	0	0
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Natural Gas	4981.025099	635730.3	635730.3	0	19924.1004	0	9.681443	0	0	9.681443	0.012287	0	0	0.012287	0.005838	0.026945	0.04507	0.012843	0	0	0.012843	0.023352	0.076985	0.11318	1276.737	0	0	1276.737	5.67346
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Gasoline	4110.025282	276969.3	276969.3	0	82233.38585	0	2.696904	0	0.020174	2.717079	0.001654	0	0.000828	0.002482	0.001527	0.012148	0.016156	0.001752	0	0.00087	0.002622	0.006106	0.034708	0.043436	772.0467	0	11.90323	783.9499	0.114159
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Diesel	237102.9614	36689871	36689871	0	3443892.78	0	654.6297	15.6461	0	670.2758	22.12549	0.433893	0	22.55939	0.358749	1.467027	24.38516	23.12591	0.453512	0	23.57942	1.434996	4.191505	29.20592	69998.2	1545.952	0	71544.16	1.779507
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Natural Gas	1121.236517	82348.34	82348.34	0	5534.784748	0	1.514436	0.012593	0	1.52703	0.003384	2.96E-06	0	0.003387	0.000817	0.00635	0.010554	0.00368	3.22E-06	0	0.003683	0.003268	0.018143	0.025094	212.9319	9.337364	0	222.2693	0.604933
Statewide Totals	2008	LDA	Aggregate	Aggregate	Gasoline	13291596.14	4.38E+08	4.38E+08	0	62347769.15	0	160.9518	0	47.09368	208.0455	1.690407	0	0.374895	2.065302	0.964754	1.30083	4.330886	1.833105	0	0.405084	2.238189	3.859015	3.716657	9.813861	170268.7	0	6864.129	177132.9	9.483636
Statewide Totals	2008	LDA	Aggregate	Aggregate	Diesel	60280.04822	1235197	1235197	0	243746.0263	0	2.265788	0	0	2.265788	0.221875	0	0	0.221875	0.002723	0.003776	0.228374	0.231908	0	0	0.231908	0.010893	0.010788	0.253588	445.7119	0	0	445.7119	0.014509
Statewide Totals	2008	LDA	Aggregate	Aggregate	Electricity	10620.3252	276642.4	0	276642.4	51939.47403	106806.8	0	0	0	0	0	0	0	0	0.00061	0.000467	0.001077	0	0	0	0	0.00244	0.001336	0.003775	0	0	0	0	0
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Gasoline	1764504.156	50303576	50303576	0	7833550.083	0	42.18504	0	8.47283	50.65787	0.406926	0	0.083472	0.490398	0.1109	0.183221	0.78452	0.439489	0	0.089952	0.529441	0.443602	0.523489	1.496532	22727.8	0	1087.943	23815.74	2.444547
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Diesel	4404.962385	91898.27	91898.27	0	17351.50177	0	0.163254	0	0	0.163254	0.019869	0	0	0.019869	0.000203	0.000362	0.020433	0.020767	0	0	0.020767	0.00081	0.001033	0.022611	46.72106	0	0	46.72106	0.001241
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Electricity	1252.811032	28967.58	0	28967.58	5872.45566	11183.88	0	0	0	0	0	0	0	0	6.39E-05	4.91E-05	0.000113	0	0	0	0	0.000255	0.00014	0.000396	0	0	0	0	0
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Gasoline	4573822.962	1.52E+08	1.52E+08	0	21660972.09	0	95.72336	0	29.02792	124.7513	0.547893	0	0.110854	0.658747	0.334892	0.527315	1.520955	0.593722	0	0.12	0.713722	1.339569	1.506615	3.559906	78581.92	0	3069.057	81650.98	3.618058
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Diesel	446.0481062	9963.412	9963.412	0	1779.908899	0	0.018556	0	0	0.018556	0.002118	0	0	0.002118	2.2E-05	3.75E-05	0.002178	0.002214	0	0	0.002214	8.79E-05	0.000107	0.002409	5.138033	0	0	5.138033	0.000136
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Gasoline	626433.2908	21283631	21283631	0	9332922.647	0	16.49572	0.028519	5.98403	22.50827	0.077717	0	0.010767	0.088484	0.046922	0.64049	0.775897	0.084365	0	0.01165	0.096015	0.18769	1.829973	2.113677	22549.64	86.63532	257.0474	22893.33	0.845711
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Diesel	372422.6843	14043131	14043131	0	4684608.861	0	86.57348	1.065763	0	87.63925	1.212744	0.012801	0	1.225546	0.04644	0.422601	1.694587	1.267579	0.01338	0	1.280959	0.185759	1.207432	2.674151	8471.038	58.90686	0	8529.945	0.201528
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Gasoline	76169.74168	2604579	2604579	0	1134815.658	0	1.795163	0.003485	0.761588	2.560236	0.0078	0	0.001041	0.008841	0.005742	0.091443	0.106026	0.008476	0	0.001129	0.009605	0.022968	0.261266	0.29384	3096.227	12.15083	34.64001	3143.017	0.079336
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Diesel	99722.47326	3767904	3767904	0	1254383.263	0	21.85374	0.285376	0	22.13912	0.322758	0.003298	0	0.326056	0.01246	0.132286	0.470802	0.337351	0.003447	0	0.340799	0.049841	0.37796	0.768599	2822.018	24.874	0	2846.892	0.052191
Statewide Totals	2008	MCY	Aggregate	Aggregate	Gasoline	663643.4144	4201948	4201948	0	1327286.829	0	5.270737	0	0.430373	5.70111	0.011883	0	0.009764	0.021647	0.004632	0.019454	0.045733	0.012499	0	0.010254	0.022752	0.018527	0.055582	0.096862	997.2038	0	113.8979	1111.102	1.692962
Statewide Totals	2008	MDV	Aggregate	Aggregate	Gasoline	4065043.037	1.39E+08	1.39E+08	0	19539770.88	0	76.91699	0	24.93126	101.8483	0.400098	0	0.093419	0.493517	0.306089	0.472197	1.271803	0.433725	0	0.101236	0.53496	1.224357	1.349134	3.108452	81037.89	0	3011.825	84049.71	3.066941
Statewide Totals	2008	MDV	Aggregate	Aggregate	Diesel	5425.743437	106453.4	106453.4	0	21233.42051	0	0.184166	0	0	0.184166	0.024207	0	0	0.024207	0.000235	0.000416	0.024857	0.025302	0	0	0.025302	0.000939	0.001187	0.027428	64.37419	0	0	64.37419	0.00147
Statewide Totals	2008	MH	Aggregate	Aggregate	Gasoline	176216.2597	1413632	1413632	0	17628.67463	0	2.304875	0	0.007448	2.312324	0.007858	0	4.53E-05	0.007904	0.004675	0.024075	0.036654	0.008428	0	4.81E-05	0.008476	0.018699	0.068787	0.095962	2952.926	0	0.902511	2953.829	0.134399
Statewide Totals	2008	MH	Aggregate	Aggregate	Diesel	29714.1035	322026.1	322026.1	0	2971.41035	0	2.566425	0	0	2.566425	0.074659	0	0	0.074659	0.00142	0.005457	0.081536	0.078035	0	0	0.078035	0.00568	0.015592	0.099306	369.4161	0	0	369.4161	0.002176
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Gasoline	65980.90336	2600932	2600932	0	1320145.914	0	7.387374	0.006103	0.823279	8.216757	0.013686	0	0.006111	0.019797	0.008601	0.044272	0.072671	0.014702	0	0.006465	0.021168	0.034404	0.126493	0.182065	5408.402	41.20576	109.8128	5559.42	0.315428
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Diesel	270527.7299	10575725	10575725	0	3242546.724	0	114.1798	12.32156	0	126.5014	3.993768	0.189179	0	4.182948	0.034973	0.180858	4.398779	4.174349	0.197733	0	4.372082	0.139893	0.516737	5.028712	13753.62	734.5581	0	14488.18	0.305291
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Natural Gas	35.13947806	692.2175	692.2175	0	417.1552627	0	0.000171	0.000226	0	0.000396	3.38E-07	4E-07	0	7.38E-07	2.29E-06	1.19E-05	1.5E-05	3.68E-07	4.35E-07	0	8.03E-07	9.16E-06	3.41E-05	4.4E-05	0.72987	0.173361	0	0.903231	0.000412
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Gasoline	16610.37422	907080.5	907080.5	0	332340.3674	0	1.49011	0.001175	0.167472	1.658757	0.001346	0	0.000343	0.001689	0.003	0.015497	0.020186	0.001456	0	0.000365	0.001821	0.011999	0.044278	0.058098	1841.81	7.208449	14.18979	1863.208	0.041052
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Diesel	10389.00028	687439.9	687439.9	0	121582.1719	0	10.19101	0.515808	0	10.70682	0.402612	0.008156	0	0.410767	0.002273	0.017969	0.431009	0.420816	0.008524	0	0.42934	0.009093	0.051339	0.489773	1066.272	32.75602	0	1099.028	0.037689
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Natural Gas	32.12488687	2037.846	2037.846	0	285.9114931	0	0.00048	5.61E-05	0	0.000536	9.4E-07	9.94E-08	0	1.04E-06	6.74E-06	3.47E-05	4.25E-05	1.02E-06	1.08E-07	0	1.13E-06	2.7E-05	9.91E-05	0.000127	2.098956	0.043085	0	2.142041	0.001156

Statewide Totals	2008	SBUS	Aggregate	Aggregate	Gasoline	4233.392506	185581.2	185581.2	0	16933.57002	0	0.577847	0.00403	0.010641	0.592518	0.00215	0	9.87E-05	0.002249	0.000409	0.003264	0.005922	0.002293	0	0.000105	0.002398	0.001637	0.009325	0.013359	196.1098	12.69938	1.552675	210.3619	0.049568
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Diesel	18727.89065	486684.7	486684.7	0	271179.8566	0	6.264651	0.74312	0	7.00777	0.258641	0.015472	0	0.274112	0.001609	0.008561	0.284283	0.270335	0.016171	0	0.286507	0.006438	0.02446	0.317405	665.2258	45.51887	0	710.7446	0.022675
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Natural Gas	192.1093518	3798.741	3798.741	0	2781.743413	0	0.004051	0.001133	0	0.005184	1.6E-05	2.01E-06	0	1.8E-05	1.26E-05	6.75E-05	9.81E-05	1.74E-05	2.18E-06	0	1.96E-05	5.02E-05	0.000193	0.000263	6.916821	0.870574	0	7.787395	0.019769
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Gasoline	1277.715101	114293.8	114293.8	0	5105.721084	0	0.083529	0	0.005817	0.089346	0.000101	0	2.72E-06	0.000103	0.000313	0.004414	0.004831	0.00011	0	2.96E-06	0.000113	0.001251	0.012613	0.013976	193.4868	0	0.521416	194.0082	0.002337
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Diesel	5942.942657	610923.6	610923.6	0	23766.16691	0	10.87328	0	0	10.87328	0.062351	0	0	0.062351	0.004889	0.025623	0.092864	0.065171	0	0	0.065171	0.019556	0.07321	0.157937	1132.904	0	0	1132.904	0.004649
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Electricity	36.55444264	1128.868	0	1128.868	146.2177706	2200.992	0	0	0	0	0	0	0	0	2.56E-08	1.64E-07	1.89E-07	0	0	0	0	1.02E-07	4.68E-07	5.7E-07	0	0	0	0	0
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Natural Gas	5422.358581	652311.9	652311.9	0	21680.17736	0	9.553431	0	0	9.553431	0.012024	0	0	0.012024	0.00595	0.027642	0.045616	0.012568	0	0	0.012568	0.023798	0.078978	0.115344	1314.421	0	0	1314.421	5.650769
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Gasoline	3877.895467	256828.9	256828.9	0	77588.93251	0	2.447713	0	0.018791	2.466503	0.001517	0	0.000765	0.002283	0.001416	0.011285	0.014984	0.001607	0	0.000804	0.002411	0.005662	0.032244	0.040317	725.6381	0	11.21953	736.8576	0.104612
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Diesel	220484.0442	33207200	33207200	0	3181262.055	0	570.5894	15.15513	0.015296	585.7598	19.65468	0.386141	0	20.04082	0.324691	1.323373	21.68888	20.54337	0.403601	0	20.94697	1.298765	3.781065	26.0268	63333.22	1558.95	0	64892.17	1.575123
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Natural Gas	1607.35598	109815.3	109815.3	0	8176.028413	0	1.38245	0.018201	0	1.400651	0.003008	6.01E-06	0	0.003014	0.001089	0.008186	0.012289	0.003272	6.54E-06	0	0.003278	0.004358	0.023388	0.031024	248.305	13.51693	0	261.8219	0.680522
Statewide Totals	2009	LDA	Aggregate	Aggregate	Gasoline	13178662.84	4.33E+08	4.33E+08	0	61570530.61	0	148.6447	0	44.64716	193.2919	1.506033	0	0.338207	1.84424	0.955698	1.291201	4.091139	1.633274	0	0.365478	1.998752	3.822793	3.689146	9.510691	170100.2	0	6763.506	176863.7	8.794547
Statewide Totals	2009	LDA	Aggregate	Aggregate	Diesel	60958.02148	1342023	1342023	0	249689.9617	0	2.113346	0	0	2.113346	0.19785	0	0	0.19785	0.002959	0.004054	0.204863	0.206796	0	0	0.206796	0.011835	0.011582	0.230213	468.4362	0	0	468.4362	0.013056
Statewide Totals	2009	LDA	Aggregate	Aggregate	Electricity	10997.31644	283498.1	0	283498.1	53384.9603	109453.7	0	0	0	0	0	0	0	0	0.000625	0.000479	0.001104	0	0	0	0	0.0025	0.00137	0.00387	0	0	0	0	0
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Gasoline	1687519.156	48512286	48512286	0	7480952.92	0	37.56542	0	7.724033	45.28945	0.357062	0	0.073211	0.430273	0.106951	0.176963	0.714188	0.38579	0	0.07894	0.46473	0.427806	0.505609	1.398145	22079.92	0	1031.451	23111.37	2.17481
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Diesel	4170.939103	87987.52	87987.52	0	16355.5636	0	0.149913	0	0	0.149913	0.017945	0	0	0.017945	0.000194	0.000345	0.018483	0.018756	0	0	0.018756	0.000776	0.000985	0.020517	45.1035	0	0	45.1035	0.001127
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Electricity	1333.460085	30754.57	0	30754.57	6217.284029	11873.8	0	0	0	0	0	0	0	0	6.78E-05	5.22E-05	0.00012	0	0	0	0	0.000271	0.000149	0.00042	0	0	0	0	0
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Gasoline	4539096.558	1.5E+08	1.5E+08	0	21361890.07	0	90.01226	0	27.6864	117.6987	0.499474	0	0.101889	0.601363	0.330251	0.524951	1.456566	0.541284	0	0.11031	0.651594	1.321006	1.499861	3.472461	78026.43	0	3030.468	81056.9	3.421856
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Diesel	494.1399925	11734.34	11734.34	0	2002.053481	0	0.021183	0	0	0.021183	0.002159	0	0	0.002159	2.59E-05	4.29E-05	0.002228	0.002257	0	0	0.002257	0.000103	0.000123	0.002483	5.933633	0	0	5.933633	0.000142
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Gasoline	588178.8041	19364494	19364494	0	8762987.795	0	14.58682	0.026831	5.841582	20.45523	0.068317	0	0.009534	0.077852	0.042691	0.582738	0.703281	0.074171	0	0.01032	0.084491	0.170766	1.664965	1.920222	20752.09	82.38158	242.5954	21077.06	0.725924
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Diesel	364755.285	13259317	13259317	0	4588162.623	0	80.95485	1.043821	0	81.99867	1.162123	0.012296	0	1.174419	0.043848	0.399014	1.617281	1.214669	0.012852	0	1.227522	0.175391	1.14004	2.542952	8029.68	57.7003	0	8087.38	0.197952
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Gasoline	72029.45079	2407408	2407408	0	1073131.493	0	1.581603	0.003302	0.750917	2.335822	0.006803	0	0.000918	0.007721	0.005307	0.084521	0.09755	0.007393	0	0.000996	0.008389	0.02123	0.241488	0.271107	2881.326	11.63666	33.00283	2925.965	0.067859
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Diesel	97039.71079	3536702	3536702	0	1220637.486	0	20.23991	0.277699	0	20.51761	0.30636	0.003134	0	0.309495	0.011696	0.124169	0.445359	0.320213	0.003276	0	0.323489	0.046783	0.354768	0.725039	2663.713	24.2711	0	2687.985	0.050945
Statewide Totals	2009	MCY	Aggregate	Aggregate	Gasoline	657910.7786	4017956	4017956	0	1315821.557	0	4.743074	0	0.406153	5.149228	0.010759	0	0.009174	0.019933	0.004429	0.018602	0.042964	0.011318	0	0.009635	0.020953	0.017716	0.053148	0.091818	953.1087	0	110.3562	1063.465	1.517743
Statewide Totals	2009	MDV	Aggregate	Aggregate	Gasoline	3984606.483	1.34E+08	1.34E+08	0	18989033.19	0	73.37783	0	24.16533	97.54316	0.366194	0	0.085934	0.452128	0.295792	0.463572	1.211492	0.397027	0	0.09314	0.490167	1.183168	1.324492	2.997828	79217.11	0	2952.546	82169.66	2.901438
Statewide Totals	2009	MDV	Aggregate	Aggregate	Diesel	6375.423054	157080.6	157080.6	0	26593.61468	0	0.164646	0	0	0.164646	0.021453	0	0	0.021453	0.000346	0.000562	0.022361	0.022423	0	0	0.022423	0.001385	0.001606	0.025414	92.13579	0	0	92.13579	0.001329
Statewide Totals	2009	MH	Aggregate	Aggregate	Gasoline	168478.7702	1335039	1335039	0	16854.61617	0	2.099895	0	0.00705	2.106944	0.007102	0	4.07E-05	0.007143	0.004415	0.022736	0.034294	0.00762	0	4.32E-05	0.007663	0.01766	0.06496	0.090282	2820.88	0	0.854436	2821.734	0.121763
Statewide Totals	2009	MH	Aggregate	Aggregate	Diesel	29938.00067	315535.2	315535.2	0	2993.800067	0	2.464178	0	0	2.464178	0.072934	0	0	0.072934	0.001391	0.005347	0.079672	0.076231	0	0	0.076231	0.005565	0.015277	0.097074	362.0796	0	0	362.0796	0.002147
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Gasoline	59206.32774	2347307	2347307	0	1184600.205	0	6.314316	0.005497	0.744289	7.064101	0.01135	0	0.005219	0.016569	0.007762	0.039949	0.06428	0.012188	0	0.005521	0.017709	0.03105	0.114141	0.162899	4934.969	37.44894	98.39535	5070.813	0.268549
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Diesel	256088.6111	9576914	9576914	0	3056748.569	0	100.8666	11.67785	0.003987	112.5484	3.521763	0.169388	0	3.69115	0.03167	0.163778	3.886598	3.681001	0.177047	0	3.858048	0.126681	0.467936	4.452665	12462.5	703.4727	0	13165.97	0.273219
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Natural Gas	133.7540229	6021.942	6021.942	0	1421.435298	0	0.001411	0.000925	0	0.002336	2.81E-06	1.64E-06	0	4.45E-06	1.99E-05	0.000103	0.000127	3.06E-06	1.78E-06	0	4.84E-06	7.97E-05	0.000294	0.000378	6.195404	0.710596	0	6.906001	0.003394
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Gasoline	17349.44227	959373.4	959373.4	0	347127.641	0	1.399417	0.00123	0.171668	1.572315	0.001218	0	0.00031	0.001528	0.003173	0.01639	0.021092	0.001318	0	0.00033	0.001648	0.01269	0.04683	0.061169	1972.657	7.624776	14.69003	1994.972	0.039015
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Diesel	10908.57239	615721.3	615721.3	0	123955.0417	0	8.598294	0.486158	0.000325	9.084777	0.333442	0.007388	0	0.34083	0.002036	0.016156	0.359022	0.348519	0.007722	0	0.356241	0.008145	0.046159	0.410545	959.3762	31.41272	0	990.7889	0.031602
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Natural Gas	169.5092107	9087.645	9087.645	0	1508.631976	0	0.002161	0.000296	0	0.002457	4.21E-06	5.24E-07	0	4.74E-06	3.01E-05	0.000155	0.00019	4.58E-06	5.7E-07	0	5.15E-06	0.00012	0.000443	0.000568	9.389443	0.227197	0	9.616639	0.005205
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Gasoline	4344.797851	191367.6	191367.6	0	17379.19141	0	0.568827	0.004157	0.010853	0.583837	0.002109	0	9.56E-05	0.002205	0.000422	0.003369	0.005996	0.002249	0	0.000102	0.002351	0.001688	0.009627	0.013665	204.5656	13.20225	1.586013	219.3539	0.049083
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Diesel	19342.04032	437210.4	437210.4	0	280072.7438	0	5.453014	0.770102	0.00051	6.223626	0.21925	0.014373	0	0.233623	0.001446	0.00769	0.242759	0.229163	0.015023	0	0.244187	0.005783	0.021971	0.271941	596.9609	47.74495	0	644.7058	0.019609
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Natural Gas	333.9596804	7179.844	7179.844	0	4835.736172	0	0.007793	0.001969	0	0.009763	3.05E-05	3.49E-06	0	3.4E-05	2.37E-05	0.000128	0.000186	3.31E-05	3.8E-06	0	3.69E-05	9.5E-05	0.000365	0.000497	13.21391	1.512418	0	14.72633	0.037844
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Gasoline	1690.785401	151448.9	151448.9	0	6763.141605	0	0.053459	0	0.007345	0.060804	8.95E-05	0	2.32E-06	9.18E-05	0.000438	0.006007	0.006536	9.73E-05	0	2.52E-06	9.99E-05	0.00175	0.017162	0.019012	287.3645	0	0.724635	288.0892	0.001523
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Diesel	5074.773602	520223.6	520223.6	0	20299.09441	0	9.135588	0	0	9.135588	0.050202	0	0	0.050202	0.00429	0.021942	0.076435	0.052472	0	0	0.052472	0.017162	0.062692	0.132326	979.321	0	0	979.321	0.003825
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Electricity	36.16127608	1384.874	0	1384.874	144.6451043	2820.398	0	0	0	0	0	0	0	0	1.67E-06	1.07E-05	1.24E-05	0	0	0	0	6.69E-06	3.07E-05	3.74E-05	0	0	0	0	0
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Natural Gas	5829.931866	691107.7	691107.7	0	23319.72746	0	9.118171	0	0	9.118171	0.011265	0	0	0.011265	0.006301	0.029294	0.046859	0.011774	0	0	0.011774	0.025203	0.083697	0.120674	1427.185	0	0	1427.185	5.523165
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Gasoline	3677.339848	251796.8	251796.8	0	73576.21568	0	2.32771	0	0.017888	2.345597	0.001433	0	0.000696	0.002129	0.001388	0.010949	0.014466	0.001517	0	0.000731	0.002248	0.005551	0.031284	0.039084	702.6376	0	10.24365	712.8812	0.09992
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Diesel	229437.385	33342764	33342764	0	3382274.143	0	552.0686	16.44154	0.165054	568.6752	19.48132	0.392964	0	19.87428	0.326012	1.31319	21.51348	20.36218	0.410732	0	20.77291	1.304049	3.751973	25.82893	63469.23	1778.666	0	65247.9	1.544558
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Natural Gas	2163.769707	145345.2	145345.2	0	11024.90639	0	1.429351	0.02443	0	1.453781	0.003001	8.45E-06	0	0.00301	0.001442	0.010677	0.015129	0.003264	9.19E-06	0	0.003273	0.005768	0.030507	0.039548	303.7453	18.05294	0	321.7982	0.826673
Statewide Totals	2010	LDA	Aggregate	Aggregate	Gasoline	13034485.8	4.43E+08	4.43E+08	0	60728533.69	0	139.4661	0	42.0024	181.4685	1.367634	0	0.300369	1.668004	0.976763	1.322535	3.967302	1.483403	0	0.32469	1.808093	3.907053	3.778673	9.493818	170108.6	0	6455.669	176564.3	8.271614
Statewide Totals	2010	LDA	Aggregate	Aggregate	Diesel	63716.74897	1583459	1583459	0	266062.3627	0	2.022758	0	0	2.022758	0.182514	0	0	0.182514	0.003491	0.004734	0.190739	0.190767	0	0	0.190767	0.013964	0.013524	0.218255	526.146	0	0	526.146	0.012185
Statewide Totals	2010	LDA	Aggregate	Aggregate	Electricity	12034.30102	319959.9	0	319959.9	58183.18792	123530.9	0	0	0	0	0	0	0	0	0.000705	0.000541	0.001247	0	0	0	0	0.002822	0.001546	0.004368	0	0	0	0	0
Statewide Totals	2010	LDA	Aggregate	Aggregate	Plug-in Hybrid	21.48479925	1001.753	542.8215	458.9318	88.83964491	138.6111	4.02E-06	0	1.11E-05	1.51E-05	1.86E-07	0	3.35E-08	2.2E-07	2.21E-06	1.51E-06	3.94E-06	2.02E-07	0	3.64E-08	2.39E-07	8.83E-06	4.31E-06	1.34E-05	0.174344	0	0.007084	0.181429	6.02E-07
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Gasoline	1631795.379	48585578	48585578	0	7217402.283	0	34.92385	0	7.139771	42.06362	0.326852	0	0.064943	0.391796	0.107113	0.177936	0.676845	0.353323	0	0.070072	0.423395	0.428452	0.508389	1.360235	21715.57	0	964.5327	22680.1	2.013498
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Diesel	3932.668346	84737.55	84737.55	0	15251.90123	0	0.142193	0	0	0.142193	0.01703	0	0	0.01703	0.000187	0.000334	0.01755	0.0178	0	0	0.0178	0.000747	0.000953	0.0195	43.51883	0	0	43.51883	0.001071
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Electricity	1315.695819	30565.99	0	30565.99	6066.594937	11800.99	0	0	0	0	0	0	0	0	6.74E-05	5.19E-05	0.000119	0	0	0	0	0.00027	0.000148	0.000418	0	0	0	0	0
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Gasoline	4539398.631	1.54E+08	1.54E+08	0	21253478.45	0	86.85086	0	26.34765	113.1985	0.471343	0	0.094081	0.565424	0.339692	0.543871	1.448988	0.510761	0	0.101851	0.612612	1.358769	1.553918	3.525299	78473.2	0	2931.012	81404.21	3.343704
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Diesel	495.1462316	12491.55	12491.55	0	2006.491014	0	0.020175	0	0	0.020175	0.002109	0	0	0.002109	2.75E-05	4.54E-05	0.002182	0.002205	0	0	0.002205	0.00011	0.00013	0.002445	6.202375	0	0	6.202375	0.000139
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Gasoline	563654.0866	18580397	18580397	0	8397606.046	0	13.70521	0.025753	5.755586	19.48655	0.063916	0	0.008759	0.072675	0.040963	0.559142	0.67278	0.069398	0	0.009483	0.078881	0.163851	1.597548	1.84028	19655.34	78.01053	228.2683	19961.61	0.66699
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Diesel	360787.0021	13113815	13113815	0	4538246.616	0	78.9644	1.032465	0	79.99687	1.154548	0.011962	0	1.16651	0.043367	0.394635	1.604512	1.206751	0.012503	0	1.219254	0.173466	1.12753	2.52025	7992.205	57.07509	0	8049.281	0.201714
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Gasoline	71057.66114	2395350	2395350	0	1058653.275	0	1.531885	0.003262	0.762386	2.297533	0.006497	0	0.000861	0.007358	0.005281	0.084097	0.096736	0.00706	0	0.000934	0.007995	0.021123	0.240278	0.269396	2815.573	11.34316	32.06912	2858.985	0.064393
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Diesel	96620.97271	3530060	3530060	0	1215370.288	0	19.70027	0.276501	0	19.97677	0.305933	0.003077	0	0.309009	0.011674	0.123936	0.444618	0.319765	0.003216	0	0.322981	0.046695	0.354101	0.723777	2675.887	24.20854	0	2700.095	0.052161
Statewide Totals	2010	MCY	Aggregate	Aggregate	Gasoline	648124.8795	3909546	3909546	0	1296249.759	0	4.476717	0	0.38664	4.863357	0.010119	0	0.008692	0.018811	0.00431	0.0181	0.041221	0.010647	0	0.009129	0.019776	0.017238	0.051714	0.088729	910.919	0	104.9501	1015.869	1.430066
Statewide Totals	2010	MDV	Aggregate	Aggregate	Gasoline	3942787.917	1.35E+08	1.35E+08	0	18632660.71	0	72.8071	0	23.6208	96.42789	0.349868	0	0.080003	0.42987	0.297743	0.473336	1.20095	0.379371	0	0.086725	0.466096	1.190973	1.35239	3.009459	78511.37	0	2846.375	81357.74	2.862161
Statewide Totals	2010	MDV	Aggregate	Aggregate	Diesel	7880.200812	235393	235393	0	34624.00205	0	0.154579	0	0	0.154579	0.02008	0	0	0.02008	0.000519	0.000803	0.021402	0.020988	0	0	0.020988	0.002076	0.002295	0.025359	133.343	0	0	133.343	0.001273
Statewide Totals	2010	MH	Aggregate	Aggregate	Gasoline	159575.853	1281139	1281139	0	15963.96833	0	1.96345	0	0.006626	1.970075	0.006582	0	3.63E-05	0.006618	0.004237	0.021819	0.032674	0.007064	0	3.86E-05	0.007102	0.016947	0.062341	0.08639	2672.736	0	0.78423	2673.52	0.113178
Statewide Totals	2010	MH	Aggregate	Aggregate	Diesel	29514.50732	311038.9	311038.9	0	2951.450732	0	2.384533	0	0	2.384533	0.071045	0	0	0.071045	0.001371	0.005271	0.077688	0.074258	0	0	0.074258	0.005486	0.015061	0.094805	357.1542	0	0	357.1542	0.002136
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Gasoline	55869.14051	2274508	2274508	0	1117829.763	0	5.899989	0.005201	0.701765	6.606955	0.010297	0	0.004645	0.014942	0.007522	0.038701	0.061165	0.011056	0	0.004915	0.015972	0.030087	0.110574	0.156632	4719.267	34.92187	90.12342	4844.312	0.25007
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Diesel	255248.3823	9621197	9621197	0	3046173.364	0	98.91927	11.52626	0.046603	110.4921	3.475048	0.162458	0	3.637507	0.031817	0.164535	3.833858	3.632175	0.169804	0	3.801978	0.127267	0.4701	4.399345	12511.32	705.1223	0	13216.44	0.273106
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Natural Gas	249.0336207	11141.56	11141.56	0	2667.723239	0	0.00258	0.001714	0	0.004294	5.14E-06	3.04E-06	0	8.18E-06	3.68E-05	0.00019	0.000235	5.59E-06	3.3E-06	0	8.89E-06	0.000147	0.000543	0.000699	11.33591	1.309423	0	12.64533	0.006204
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Gasoline	17260.01454	971570.3	971570.3	0	345338.3708	0	1.358423	0.001225	0.167999	1.527647	0.00114	0	0.000279	0.001419	0.003213	0.0166	0.021232	0.001234	0	0.000296	0.001531	0.012852	0.047428	0.06181	1973.592	7.495039	14.25055	1995.337	0.038192
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Diesel	11032.77767	613244.3	613244.3	0	126380.5612	0	8.260545	0.494264	0.001554	8.756362	0.317685	0.006998	0	0.324683	0.002028	0.016045	0.342756	0.332049	0.007314	0	0.339364	0.008112	0.045842	0.393318	956.7803	32.86231	0	989.6427	0.030678
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Natural Gas	260.6194901	14746.36	14746.36	0	2319.513462	0	0.003638	0.000455	0	0.004093	7.02E-06	8.06E-07	0	7.82E-06	4.88E-05	0.000252	0.000309	7.63E-06	8.77E-07	0	8.51E-06	0.000195	0.000721	0.000925	15.38937	0.347447	0	15.73681	0.008771
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Gasoline	4389.668116	202322.2	202322.2	0	17558.67246	0	0.566889	0.00422	0.010958	0.582066	0.002101	0	9.14E-05	0.002193	0.000446	0.00356	0.006199	0.00224	0	9.72E-05	0.002337	0.001784	0.010172	0.014294	212.7936	13.18321	1.555386	227.5322	0.048931
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Diesel	19798.05549	432920.8	432920.8	0	286675.8434	0	5.160796	0.78707	0.003451	5.951317	0.207005	0.01278	0	0.219786	0.001432	0.007612	0.228829	0.216365	0.013358	0	0.229723	0.005727	0.021749	0.257199	588.8264	49.50521	0	638.3316	0.018954
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Natural Gas	665.9445118	13755.98	13755.98	0	9642.876531	0	0.015496	0.003927	0	0.019423	5.93E-05	6.96E-06	0	6.62E-05	4.55E-05	0.000246	0.000357	6.45E-05	7.57E-06	0	7.21E-05	0.000182	0.000702	0.000956	25.78935	2.999777	0	28.78912	0.074473
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Gasoline	1787.065273	171470.7	171470.7	0	7148.261093	0	0.044668	0	0.007591	0.052259	6.62E-05	0	1.77E-06	6.8E-05	0.000504	0.00686	0.007432	7.2E-05	0	1.92E-06	7.39E-05	0.002017	0.0196	0.021691	329.3621	0	0.759169	330.1212	0.001228
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Diesel	4920.572268	485684	485684	0	19682.28907	0	8.224574	0	0	8.224574	0.009777	0	0	0.009777	0.004079	0.020447	0.034302	0.010219	0	0	0.010219	0.016314	0.058419	0.084952	912.4636	0	0	912.4636	0.003746
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Electricity	35.00903419	752.9532	0	752.9532	140.0361368	1579.907	0	0	0	0	0	0	0	0	2.25E-07	1.42E-06	1.65E-06	0	0	0	0	9.01E-07	4.07E-06	4.97E-06	0	0	0	0	0
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Natural Gas	6077.218224	701230.6	701230.6	0	24308.87289	0	8.287203	0	0	8.287203	0.010097	0	0	0.010097	0.006395	0.029709	0.046201	0.010553	0	0	0.010553	0.025581	0.084882	0.121017	1463.951	0	0	1463.951	5.207299
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Gasoline	3470.116895	240201	240201	0	69430.09883	0	2.160201	0	0.018542	2.178743	0.001296	0	0.000628	0.001924	0.001324	0.010247	0.013496	0.001373	0	0.00066	0.002032	0.005296	0.029279	0.036606	668.0029	0	9.378499	677.3814	0.091952
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Diesel	230366.4294	33956560	33956560	0	3424172.357	0	529.5521	17.13444	0.447803	547.1344	19.18606	0.375705	0	19.56176	0.332011	1.319156	21.21293	20.05357	0.392693	0	20.44626	1.328046	3.769017	25.54332	64295.32	1951.014	0	66246.33	1.50017
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Natural Gas	2820.508446	194108.5	194108.5	0	15327.11416	0	1.483102	0.033077	0	1.516179	0.00301	1.57E-05	0	0.003026	0.001926	0.013776	0.018727	0.003274	1.7E-05	0	0.003291	0.007703	0.039359	0.050353	382.5573	24.46084	0	407.0181	1.01463
Statewide Totals	2011	LDA	Aggregate	Aggregate	Gasoline	12971612.01	4.41E+08	4.41E+08	0	60326141.16	0	125.4409	0	39.49505	164.936	1.19727	0	0.266354	1.463624	0.972206	1.317737	3.753567	1.298839	0	0.288026	1.586864	3.888825	3.764963	9.240652	167401.9	0	6260.027	173662	7.438417
Statewide Totals	2011	LDA	Aggregate	Aggregate	Diesel	70548.93277	1961280	1961280	0	303386.7002	0	1.871955	0	0	1.871955	0.162338	0	0	0.162338	0.004324	0.005787	0.172449	0.169678	0	0	0.169678	0.017296	0.016534	0.203508	621.8128	0	0	621.8128	0.011037
Statewide Totals	2011	LDA	Aggregate	Aggregate	Electricity	15649.21454	432555.4	0	432555.4	76388.69007	167002.1	0	0	0	0	0	0	0	0	0.000954	0.00073	0.001684	0	0	0	0	0.003814	0.002087	0.005902	0	0	0	0	0
Statewide Totals	2011	LDA	Aggregate	Aggregate	Plug-in Hybrid	1097.748845	51488.89	27900.36	23588.53	4539.191474	7124.439	0.000206	0	0.000566	0.000772	1.29E-05	0	2.57E-06	1.55E-05	0.000114	7.74E-05	0.000206	1.4E-05	0	2.8E-06	1.68E-05	0.000454	0.000221	0.000692	8.928455	0	0.37575	9.304205	3.09E-05
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Gasoline	1538031.315	45260246	45260246	0	6757553.648	0	31.2254	0	6.530342	37.75575	0.288386	0	0.057734	0.34612	0.099782	0.167031	0.612933	0.311795	0	0.062311	0.374106	0.399127	0.477233	1.250466	20106.14	0	890.8789	20997.02	1.811041
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Diesel	3734.38335	79191.58	79191.58	0	14307.88695	0	0.13268	0	0	0.13268	0.015734	0	0	0.015734	0.000175	0.000314	0.016222	0.016445	0	0	0.016445	0.000698	0.000896	0.01804	40.79231	0	0	40.79231	0.000993
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Electricity	1257.468482	28238.73	0	28238.73	5723.644592	10902.48	0	0	0	0	0	0	0	0	6.23E-05	4.8E-05	0.00011	0	0	0	0	0.000249	0.000137	0.000386	0	0	0	0	0
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Gasoline	4629309.295	1.57E+08	1.57E+08	0	21614427.07	0	80.78516	0	25.15251	105.9377	0.430665	0	0.086865	0.51753	0.346238	0.555637	1.419405	0.466736	0	0.094057	0.560792	1.384953	1.587534	3.533279	78579.01	0	2907.739	81486.75	3.12475
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Diesel	568.6631078	14951.9	14951.9	0	2330.566047	0	0.021239	0	0	0.021239	0.002168	0	0	0.002168	3.3E-05	5.36E-05	0.002254	0.002266	0	0	0.002266	0.000132	0.000153	0.002551	7.258326	0	0	7.258326	0.000144
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Gasoline	539753.5015	17351691	17351691	0	8041522.94	0	12.37313	0.024702	5.656734	18.05457	0.057321	0	0.007984	0.065305	0.038254	0.522166	0.625725	0.062242	0	0.008646	0.070888	0.153016	1.491903	1.715807	18254.34	74.48972	216.639	18545.47	0.587862
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Diesel	355898.9227	12655570	12655570	0	4476760.726	0	73.43935	1.018477	0	74.45783	1.090827	0.011646	0	1.102472	0.041851	0.380845	1.525169	1.140149	0.012172	0	1.152321	0.167405	1.088129	2.407855	7807.604	56.28157	0	7863.886	0.195571
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Gasoline	71050.92329	2365813	2365813	0	1058552.891	0	1.428968	0.003267	0.780851	2.213087	0.006021	0	0.000815	0.006836	0.005216	0.08306	0.095112	0.006543	0	0.000884	0.007427	0.020863	0.237315	0.265605	2743.084	11.30961	31.8636	2786.257	0.059058
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Diesel	97139.09024	3521080	3521080	0	1221887.554	0	18.26652	0.277983	0	18.54451	0.289997	0.003053	0	0.29305	0.011644	0.12362	0.428314	0.303109	0.003191	0	0.3063	0.046576	0.353201	0.706077	2708.629	24.37551	0	2733.004	0.050993
Statewide Totals	2011	MCY	Aggregate	Aggregate	Gasoline	656966.7001	3836201	3836201	0	1313933.4	0	4.216817	0	0.377403	4.59422	0.009516	0	0.008517	0.018033	0.004229	0.01776	0.040022	0.010014	0	0.008946	0.018961	0.016915	0.050744	0.08662	884.3099	0	103.3675	987.6775	1.342748
Statewide Totals	2011	MDV	Aggregate	Aggregate	Gasoline	3924688.148	1.33E+08	1.33E+08	0	18417706.8	0	68.88204	0	22.84322	91.72526	0.320962	0	0.074055	0.395017	0.292133	0.469154	1.156304	0.348066	0	0.080288	0.428354	1.168534	1.34044	2.937327	76394.61	0	2781.078	79175.69	2.689917
Statewide Totals	2011	MDV	Aggregate	Aggregate	Diesel	10984.35431	378511.3	378511.3	0	50953.7055	0	0.141331	0	0	0.141331	0.018057	0	0	0.018057	0.000834	0.001247	0.020138	0.018873	0	0	0.018873	0.003338	0.003563	0.025774	206.2568	0	0	206.2568	0.0012

Statewide Totals	2011	MH	Aggregate	Aggregate	Gasoline	150602.3011	1191946	1191946	0	15066.2542	0	1.745321	0	0.006201	1.751522	0.005844	0	3.24E-05	0.005876	0.003942	0.020301	0.030119	0.006273	0	3.44E-05	0.006307	0.015767	0.058003	0.080077	2476.957	0	0.724178	2477.681	0.099954
Statewide Totals	2011	MH	Aggregate	Aggregate	Diesel	29408.69602	299296.2	299296.2	0	2940.869602	0	2.251448	0	0	2.251448	0.067218	0	0	0.067218	0.00132	0.005073	0.07361	0.070257	0	0	0.070257	0.005279	0.014493	0.090029	343.7662	0	0	343.7662	0.002073
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Gasoline	54524.0621	2261183	2261183	0	1090917.434	0	5.354048	0.0051	0.668315	6.027463	0.009062	0	0.004131	0.013193	0.007478	0.038468	0.059139	0.00973	0	0.004373	0.014103	0.02991	0.109909	0.153922	4667.539	33.99045	84.94083	4786.47	0.223517
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Diesel	254233.9078	9807401	9807401	0	3031417.556	0	96.85533	11.2664	0.24314	108.3649	3.425535	0.152654	0	3.578188	0.032432	0.167719	3.77834	3.580422	0.159556	0	3.739978	0.12973	0.479197	4.348905	12684.95	704.5598	0	13389.51	0.272004
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Natural Gas	346.860581	15159.68	15159.68	0	3777.052587	0	0.003561	0.002359	0	0.00592	7.05E-06	4.18E-06	0	1.12E-05	5.01E-05	0.000259	0.00032	7.67E-06	4.55E-06	0	1.22E-05	0.000201	0.000739	0.000952	15.46591	1.798062	0	17.26397	0.008565
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Gasoline	16507.96859	910295.8	910295.8	0	330291.4356	0	1.238038	0.001173	0.158686	1.397897	0.001009	0	0.00025	0.001259	0.00301	0.015554	0.019823	0.001092	0	0.000266	0.001358	0.012041	0.04444	0.057839	1844.176	7.14746	13.4881	1864.812	0.034883
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Diesel	10874.73657	623732.9	623732.9	0	124914.4014	0	8.016993	0.47652	0.00846	8.501973	0.308632	0.006261	0	0.314893	0.002063	0.016178	0.333134	0.322587	0.006545	0	0.329131	0.008251	0.046223	0.383605	969.7779	32.74992	0	1002.528	0.030202
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Natural Gas	277.4759135	16715.65	16715.65	0	2469.53563	0	0.004123	0.000484	0	0.004607	7.95E-06	8.58E-07	0	8.81E-06	5.53E-05	0.000286	0.00035	8.65E-06	9.33E-07	0	9.58E-06	0.000221	0.000817	0.001048	17.40494	0.369086	0	17.77403	0.009941
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Gasoline	4476.262422	207234.9	207234.9	0	17905.04969	0	0.53082	0.00433	0.011408	0.546558	0.001992	0	8.63E-05	0.002078	0.000457	0.003648	0.006183	0.002122	0	9.17E-05	0.002214	0.001827	0.010422	0.014463	216.1105	13.40909	1.548763	231.0684	0.044972
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Diesel	20124.68305	435282.9	435282.9	0	291405.4105	0	5.040534	0.796122	0.012695	5.84935	0.198212	0.011866	0	0.210078	0.001439	0.007652	0.21917	0.207174	0.012403	0	0.219577	0.005758	0.021862	0.247197	588.7667	50.67184	0	639.4386	0.018397
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Natural Gas	952.3169499	20271.27	20271.27	0	13789.54943	0	0.023091	0.005616	0	0.028707	8.78E-05	9.95E-06	0	9.77E-05	6.7E-05	0.000362	0.000527	9.55E-05	1.08E-05	0	0.000106	0.000268	0.001036	0.00141	38.19311	4.280096	0	42.4732	0.110636
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Gasoline	1931.171208	180432	180432	0	7724.684831	0	0.045014	0	0.008234	0.053248	5.99E-05	0	1.54E-06	6.15E-05	0.000534	0.00724	0.007836	6.52E-05	0	1.68E-06	6.68E-05	0.002136	0.020686	0.022889	349.8123	0	0.834868	350.6472	0.001187
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Diesel	4518.253121	440374.7	440374.7	0	18073.01249	0	6.956285	0	0	6.956285	0.007937	0	0	0.007937	0.003809	0.018607	0.030353	0.008296	0	0	0.008296	0.015236	0.053162	0.076694	833.4853	0	0	833.4853	0.003403
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Electricity	35.44616379	761.3825	0	761.3825	141.7846552	1582.024	0	0	0	0	0	0	0	0	2.12E-07	1.16E-06	1.38E-06	0	0	0	0	8.49E-07	3.33E-06	4.18E-06	0	0	0	0	0
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Natural Gas	5818.810206	652587.2	652587.2	0	23275.24082	0	6.86149	0	0	6.86149	0.008222	0	0	0.008222	0.005915	0.027657	0.041794	0.008594	0	0	0.008594	0.02366	0.079021	0.111275	1384.478	0	0	1384.478	4.458521
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Gasoline	3171.985086	222973.8	222973.8	0	63465.07761	0	1.961243	0	0.015826	1.977069	0.001108	0	0.000524	0.001632	0.001229	0.00944	0.0123	0.001174	0	0.000551	0.001725	0.004916	0.02697	0.033611	620.1912	0	8.13789	628.3291	0.081715
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Diesel	233463.408	33729156	33729156	0	3516518.261	0	477.6818	18.76959	0.930227	497.3816	17.11423	0.337872	0	17.4521	0.329781	1.282606	19.06449	17.88806	0.353149	0	18.24121	1.319123	3.664588	23.22492	63433.57	2289.743	0	65723.31	1.323369
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Natural Gas	3597.427381	248225.5	248225.5	0	20035.38919	0	1.503309	0.042519	0	1.545828	0.002951	2.29E-05	0	0.002974	0.002463	0.016873	0.022309	0.00321	2.49E-05	0	0.003234	0.00985	0.048208	0.061293	468.3168	31.5253	0	499.8421	1.193142
Statewide Totals	2012	LDA	Aggregate	Aggregate	Gasoline	13123742.01	4.49E+08	4.49E+08	0	61007955.1	0	113.0281	0	37.42091	150.449	1.066686	0	0.23894	1.305625	0.988948	1.339993	3.634567	1.157466	0	0.258517	1.415983	3.955794	3.82855	9.200327	168653.5	0	6189.394	174842.9	6.689482
Statewide Totals	2012	LDA	Aggregate	Aggregate	Diesel	78435.20475	2370048	2370048	0	345197.2858	0	1.741885	0	0	1.741885	0.145928	0	0	0.145928	0.005225	0.006941	0.158093	0.152526	0	0	0.152526	0.0209	0.01983	0.193257	722.4438	0	0	722.4438	0.010144
Statewide Totals	2012	LDA	Aggregate	Aggregate	Electricity	17835.89673	502992.4	0	502992.4	87396.14442	194196.6	0	0	0	0	0	0	0	0	0.001109	0.000849	0.001958	0	0	0	0	0.004436	0.002425	0.006861	0	0	0	0	0
Statewide Totals	2012	LDA	Aggregate	Aggregate	Plug-in Hybrid	10478.5639	496177.1	268864.2	227312.9	43328.86172	68655.27	0.001983	0	0.005402	0.007385	0.000176	0	3.77E-05	0.000214	0.001094	0.000745	0.002052	0.000191	0	4.1E-05	0.000232	0.004376	0.002128	0.006736	86.10827	0	3.457839	89.56611	0.000297
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Gasoline	1495749.046	44087669	44087669	0	6555115.773	0	28.17014	0	6.052842	34.22299	0.257908	0	0.051961	0.309869	0.097197	0.162867	0.569933	0.278898	0	0.056098	0.334996	0.388787	0.465334	1.189118	19473.02	0	849.9118	20322.93	1.64138
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Diesel	3576.257229	75511.33	75511.33	0	13594.59892	0	0.123631	0	0	0.123631	0.014508	0	0	0.014508	0.000166	0.000299	0.014974	0.015164	0	0	0.015164	0.000666	0.000856	0.016685	39.01445	0	0	39.01445	0.000921
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Electricity	1252.361207	27762.33	0	27762.33	5661.264472	10718.55	0	0	0	0	0	0	0	0	6.12E-05	4.72E-05	0.000108	0	0	0	0	0.000245	0.000135	0.00038	0	0	0	0	0
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Gasoline	4710185.744	1.6E+08	1.6E+08	0	21936673.31	0	74.52182	0	23.92674	98.44856	0.394284	0	0.080145	0.474428	0.352422	0.566695	1.393546	0.427376	0	0.0868	0.514176	1.40969	1.619128	3.542994	79067.79	0	2894.879	81962.67	2.88971
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Diesel	2713.993223	110131.2	110131.2	0	13289.31571	0	0.029259	0	0	0.029259	0.002779	0	0	0.002779	0.000243	0.00035	0.003371	0.002905	0	0	0.002905	0.000971	0.000999	0.004875	45.57566	0	0	45.57566	0.000233
Statewide Totals	2012	LHDT1	Aggregate	Aggregate	Gasoline	517672.7375	16320024	16320024	0	7712552.456	0	11.16319	0.023731	5.558415	16.74533	0.051498	0	0.007299	0.058797	0.035979	0.49112	0.585896	0.05592	0	0.007904	0.063825	0.143918	1.4032	1.610943	17136.3	71.64282	207.2254	17415.17	0.518643
Statewide Totals	2012	LHDT1	Aggregate	Aggregate	Diesel	350284.2635	12154326	12154326	0	4406135.378	0	68.61811	1.00241	0	69.62052	1.037342	0.011322	0	1.048665	0.040194	0.365761	1.454619	1.084246	0.011834	0	1.096081	0.160774	1.045032	2.301887	7564.608	55.3899	0	7619.998	0.189877
Statewide Totals	2012	LHDT2	Aggregate	Aggregate	Gasoline	71494.34297	2358379	2358379	0	1065159.184	0	1.338677	0.003293	0.802651	2.14462	0.005601	0	0.000765	0.006365	0.005199	0.082799	0.094364	0.006087	0	0.00083	0.006916	0.020797	0.23657	0.264283	2713.733	11.41193	32.00733	2757.152	0.054264
Statewide Totals	2012	LHDT2	Aggregate	Aggregate	Diesel	98959.88119	3559916	3559916	0	1244790.814	0	17.21364	0.283194	0	17.49683	0.277819	0.003072	0	0.280891	0.011772	0.124984	0.417647	0.290381	0.003211	0	0.293592	0.04709	0.357096	0.697778	2777.12	24.87417	0	2801.994	0.050298
Statewide Totals	2012	MCY	Aggregate	Aggregate	Gasoline	670051.7407	3855921	3855921	0	1340103.481	0	4.01679	0	0.36891	4.3857	0.009059	0	0.008352	0.01741	0.00425	0.017852	0.039513	0.009538	0	0.008774	0.018312	0.017002	0.051005	0.086319	882.3362	0	102.6382	984.9745	1.274259
Statewide Totals	2012	MDV	Aggregate	Aggregate	Gasoline	3928967.484	1.31E+08	1.31E+08	0	18323341.44	0	64.95808	0	22.06995	87.02802	0.296119	0	0.06878	0.364899	0.289198	0.467921	1.122018	0.321162	0	0.074579	0.395741	1.156791	1.336918	2.889449	75358.4	0	2746.962	78105.37	2.520351
Statewide Totals	2012	MDV	Aggregate	Aggregate	Diesel	16392.10986	611004.1	611004.1	0	78133.81594	0	0.165985	0	0	0.165985	0.018547	0	0	0.018547	0.001347	0.001963	0.021858	0.019386	0	0	0.019386	0.005388	0.005609	0.030383	324.281	0	0	324.281	0.00132
Statewide Totals	2012	MH	Aggregate	Aggregate	Gasoline	143721.4284	1126611	1126611	0	14377.8917	0	1.557577	0	0.005877	1.563454	0.005176	0	2.85E-05	0.005205	0.003726	0.01919	0.02812	0.005559	0	3.03E-05	0.005589	0.014903	0.054827	0.075319	2345.147	0	0.675927	2345.823	0.087659
Statewide Totals	2012	MH	Aggregate	Aggregate	Diesel	29696.33158	291774.4	291774.4	0	2969.633158	0	2.160219	0	0	2.160219	0.06478	0	0	0.06478	0.001287	0.004946	0.071012	0.067709	0	0	0.067709	0.005146	0.014131	0.086986	335.2966	0	0	335.2966	0.002038
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Gasoline	53008.7769	2217494	2217494	0	1060599.608	0	4.902156	0.004978	0.639167	5.546301	0.007993	0	0.003645	0.011638	0.007333	0.037716	0.056687	0.008584	0	0.00386	0.012444	0.029332	0.107761	0.149537	4582.035	33.14334	80.37709	4695.556	0.20061
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Diesel	253765.9919	9752040	9752040	0	3021990.324	0	91.20594	10.93194	0.517182	102.6551	3.236091	0.143258	0	3.37935	0.032249	0.166774	3.578373	3.382413	0.149736	0	3.532149	0.128997	0.476496	4.137643	12508.07	704.2586	0	13212.33	0.258739
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Natural Gas	431.1715631	20558.66	20558.66	0	4728.908492	0	0.004724	0.002912	0	0.007636	9.37E-06	5.16E-06	0	1.45E-05	6.8E-05	0.00035	0.000432	1.02E-05	5.61E-06	0	1.58E-05	0.000272	0.000999	0.001287	20.78995	2.221848	0	23.0118	0.011358
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Gasoline	16234.44954	883121.9	883121.9	0	324818.8663	0	1.132026	0.001155	0.153521	1.286701	0.000907	0	0.000219	0.001126	0.00292	0.015092	0.019139	0.000982	0	0.000233	0.001215	0.011682	0.043121	0.056019	1794.315	7.048209	13.1076	1814.471	0.032042
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Diesel	10989.11919	619418.8	619418.8	0	127748.2072	0	7.357737	0.476803	0.022328	7.856868	0.279682	0.005726	0	0.285407	0.002048	0.01585	0.303306	0.292328	0.005985	0	0.298312	0.008194	0.045286	0.351791	956.5183	34.42079	0	990.9391	0.027564
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Natural Gas	315.1373825	17765.85	17765.85	0	2804.722705	0	0.004407	0.00055	0	0.004957	8.49E-06	9.75E-07	0	9.46E-06	5.88E-05	0.000304	0.000373	9.23E-06	1.06E-06	0	1.03E-05	0.000235	0.000869	0.001115	18.56254	0.419618	0	18.98216	0.010628
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Gasoline	4442.141213	206805.4	206805.4	0	17768.56485	0	0.492051	0.004319	0.011461	0.50783	0.001813	0	7.83E-05	0.001891	0.000456	0.00364	0.005987	0.001932	0	8.32E-05	0.002015	0.001824	0.010399	0.014237	214.7941	13.34716	1.510686	229.6519	0.04047
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Diesel	20666.78065	430998.2	430998.2	0	299254.9838	0	4.823071	0.806468	0.025617	5.655156	0.148958	0.008694	0	0.157652	0.001425	0.007576	0.166653	0.155693	0.009087	0	0.16478	0.005701	0.021645	0.192126	582.5667	52.66359	0	635.2302	0.014065
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Natural Gas	1043.219333	22247.75	22247.75	0	15105.81594	0	0.025415	0.006152	0	0.031567	9.65E-05	1.09E-05	0	0.000107	7.36E-05	0.000398	0.000579	0.000105	1.19E-05	0	0.000117	0.000294	0.001137	0.001548	42.03483	4.693526	0	46.72836	0.121664
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Gasoline	2041.116792	194799.6	194799.6	0	8164.467169	0	0.05159	0	0.00874	0.06033	5.93E-05	0	1.31E-06	6.07E-05	0.000577	0.00782	0.008457	6.45E-05	0	1.43E-06	6.6E-05	0.002308	0.022342	0.024715	374.2847	0	0.884317	375.1691	0.001257
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Diesel	4139.451645	424680.9	424680.9	0	16557.80658	0	6.208412	0	0	6.208412	0.006688	0	0	0.006688	0.003702	0.017984	0.028374	0.006991	0	0	0.006991	0.014808	0.051382	0.073181	790.3035	0	0	790.3035	0.0031
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Electricity	30.43383259	838.2803	0	838.2803	121.7353304	1733.095	0	0	0	0	0	0	0	0	4.6E-07	2.69E-06	3.15E-06	0	0	0	0	1.84E-06	7.69E-06	9.54E-06	0	0	0	0	0
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Natural Gas	6182.99773	678521.3	678521.3	0	24731.99092	0	6.624769	0	0	6.624769	0.008056	0	0	0.008056	0.006126	0.028744	0.042926	0.008421	0	0	0.008421	0.024503	0.082127	0.11505	1457.777	0	0	1457.777	4.342128
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Gasoline	2795.407294	193135.4	193135.4	0	55930.50914	0	1.667352	0	0.018199	1.685551	0.000926	0	0.000429	0.001354	0.001064	0.008125	0.010544	0.000981	0	0.000451	0.001432	0.004258	0.023215	0.028905	533.9782	0	6.810766	540.7889	0.070452
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Diesel	241346.6741	36264801	36264801	0	3632540.04	0	427.8227	18.98203	1.802843	448.6076	14.00027	0.243171	0	14.24344	0.354553	1.333302	15.9313	14.6333	0.254167	0	14.88747	1.418213	3.809435	20.11511	66622.69	2626.076	0	69248.76	1.066112
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Natural Gas	5088.208242	420986.5	420986.5	0	34924.76723	0	1.744106	0.068051	0	1.812157	0.003289	5.67E-05	0	0.003346	0.004177	0.025323	0.032845	0.003577	6.17E-05	0	0.003639	0.016706	0.072351	0.092695	745.4175	50.93422	0	796.3517	1.620383
Statewide Totals	2013	LDA	Aggregate	Aggregate	Gasoline	13410044.11	4.61E+08	4.61E+08	0	62351338.19	0	101.4264	0	35.44142	136.8678	0.975691	0	0.222456	1.198147	1.01629	1.375696	3.590133	1.058813	0	0.240721	1.299533	4.065162	3.930559	9.295254	169883.2	0	6129.898	176013.1	6.030758
Statewide Totals	2013	LDA	Aggregate	Aggregate	Diesel	88978.74365	2885155	2885155	0	400027.446	0	1.621955	0	0	1.621955	0.132022	0	0	0.132022	0.006361	0.008386	0.146769	0.137992	0	0	0.137992	0.025443	0.02396	0.187394	845.7697	0	0	845.7697	0.009429
Statewide Totals	2013	LDA	Aggregate	Aggregate	Electricity	33438.27699	1013024	0	1013024	167521.4971	391111.1	0	0	0	0	0	0	0	0	0.002233	0.001705	0.003939	0	0	0	0	0.008933	0.004872	0.013805	0	0	0	0	0
Statewide Totals	2013	LDA	Aggregate	Aggregate	Plug-in Hybrid	28605.45187	1342186	727292.5	614893.9	118283.5435	185716.3	0.005362	0	0.01475	0.020112	0.000633	0	0.000143	0.000776	0.002959	0.002015	0.00575	0.000688	0	0.000156	0.000844	0.011836	0.005756	0.018436	231.721	0	9.216715	240.9377	0.000802
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Gasoline	1476705.386	43684741	43684741	0	6465722.676	0	25.45944	0	5.66311	31.12255	0.232704	0	0.047259	0.279963	0.096308	0.161137	0.537409	0.251708	0	0.05104	0.302748	0.385234	0.460393	1.148374	18987.59	0	815.2392	19802.83	1.488313
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Diesel	3483.870357	74287.48	74287.48	0	13215.78453	0	0.114766	0	0	0.114766	0.013391	0	0	0.013391	0.000164	0.000293	0.013848	0.013997	0	0	0.013997	0.000655	0.000838	0.01549	38.28609	0	0	38.28609	0.000856
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Electricity	1941.207495	51268.09	0	51268.09	9255.040478	19793.71	0	0	0	0	0	0	0	0	0.000113	8.67E-05	0.0002	0	0	0	0	0.000452	0.000248	0.0007	0	0	0	0	0
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Gasoline	4879350.73	1.66E+08	1.66E+08	0	22705560.47	0	68.28092	0	22.81412	91.09504	0.367791	0	0.075123	0.442914	0.366123	0.588509	1.397546	0.398744	0	0.081383	0.480127	1.464492	1.681454	3.626073	80380.48	0	2907.002	83287.48	2.663511
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Diesel	4736.539755	195748.8	195748.8	0	23397.24667	0	0.036959	0	0	0.036959	0.003666	0	0	0.003666	0.000432	0.00063	0.004727	0.003831	0	0	0.003831	0.001726	0.001799	0.007357	79.43827	0	0	79.43827	0.000335
Statewide Totals	2013	LHDT1	Aggregate	Aggregate	Gasoline	505638.4035	15771483	15771483	0	7533258.81	0	10.15908	0.023221	5.564543	15.74684	0.046822	0	0.00677	0.053593	0.03477	0.474613	0.562975	0.050841	0	0.007331	0.058172	0.139081	1.356037	1.553289	16337.66	69.66074	200.775	16608.1	0.463453
Statewide Totals	2013	LHDT1	Aggregate	Aggregate	Diesel	353355.5312	12090779	12090779	0	4444768.061	0	65.05757	1.011199	0	66.06877	0.999251	0.011266	0	1.010517	0.039983	0.363849	1.41435	1.044433	0.011776	0	1.056208	0.159934	1.039569	2.255711	7620.88	55.83418	0	7676.714	0.186796
Statewide Totals	2013	LHDT2	Aggregate	Aggregate	Gasoline	72174.7291	2366546	2366546	0	1075295.923	0	1.241239	0.00333	0.824929	2.069499	0.005208	0	0.000718	0.005926	0.005217	0.083086	0.09423	0.005659	0	0.00078	0.006439	0.020869	0.237389	0.264697	2678.738	11.4683	32.05163	2722.258	0.0494
Statewide Totals	2013	LHDT2	Aggregate	Aggregate	Diesel	102565.676	3655054	3655054	0	1290147.177	0	16.42252	0.293513	0	16.71603	0.269784	0.003147	0	0.272931	0.012087	0.128324	0.413342	0.281982	0.003289	0	0.285272	0.048348	0.36664	0.700259	2885.11	25.80608	0	2910.916	0.050094
Statewide Totals	2013	MCY	Aggregate	Aggregate	Gasoline	682412.9325	3886121	3886121	0	1364825.865	0	3.832905	0	0.359487	4.192392	0.008714	0	0.008169	0.016884	0.004284	0.017992	0.039159	0.009184	0	0.008585	0.017769	0.017135	0.051405	0.086308	876.6495	0	100.9176	977.5671	1.211425
Statewide Totals	2013	MDV	Aggregate	Aggregate	Gasoline	3902869.326	1.29E+08	1.29E+08	0	18094511.67	0	60.69793	0	21.21201	81.90994	0.274127	0	0.064079	0.338205	0.28378	0.461623	1.083608	0.297343	0	0.06949	0.366833	1.135121	1.318921	2.820875	73050.89	0	2672.052	75722.94	2.342134
Statewide Totals	2013	MDV	Aggregate	Aggregate	Diesel	19490.26916	739725.2	739725.2	0	93519.77914	0	0.16368	0	0	0.16368	0.01774	0	0	0.01774	0.001631	0.002375	0.021747	0.018543	0	0	0.018543	0.006523	0.006787	0.031853	387.4491	0	0	387.4491	0.001317
Statewide Totals	2013	MH	Aggregate	Aggregate	Gasoline	137880.3794	1067482	1067482	0	13793.55316	0	1.39322	0	0.005625	1.398845	0.004628	0	2.56E-05	0.004654	0.00353	0.018183	0.026367	0.004971	0	2.72E-05	0.004998	0.01412	0.05195	0.071069	2209.95	0	0.633309	2210.584	0.077592
Statewide Totals	2013	MH	Aggregate	Aggregate	Diesel	30228.26431	289755.1	289755.1	0	3022.826431	0	2.072269	0	0	2.072269	0.061856	0	0	0.061856	0.001278	0.004912	0.068045	0.064653	0	0	0.064653	0.00511	0.014034	0.083798	333.0798	0	0	333.0798	0.002003
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Gasoline	53141.0002	2266494	2266494	0	1063245.132	0	4.487732	0.005015	0.627158	5.119905	0.007133	0	0.003244	0.010377	0.007495	0.038531	0.056403	0.007663	0	0.003438	0.011101	0.029981	0.110089	0.151171	4649.478	33.08345	77.34537	4759.907	0.180976
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Diesel	255742.8775	10529119	10529119	0	3041833.11	0	91.52829	10.70013	0.807817	103.0362	2.859746	0.102023	0	2.961769	0.034819	0.180057	3.176645	2.989051	0.106636	0	3.095687	0.139276	0.514447	3.749411	13320.33	712.8787	0	14033.21	0.231205
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Natural Gas	470.2542347	23380.15	23380.15	0	5068.508019	0	0.005414	0.003202	0	0.008616	1.07E-05	5.67E-06	0	1.64E-05	7.73E-05	0.000398	0.000491	1.16E-05	6.17E-06	0	1.78E-05	0.000309	0.001136	0.001463	23.80233	2.452178	0	26.25451	0.01302
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Gasoline	16794.24403	909556	909556	0	336019.2346	0	1.049479	0.001196	0.156844	1.20752	0.000857	0	0.000205	0.001062	0.003008	0.015546	0.019616	0.000928	0	0.000218	0.001146	0.012031	0.044418	0.057596	1839.598	7.257661	13.28056	1860.136	0.030004
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Diesel	9923.080315	667309.4	667309.4	0	117080.4799	0	7.124996	0.425645	0.036782	7.587423	0.265177	0.004663	0	0.26984	0.002207	0.016854	0.288901	0.277167	0.004874	0	0.28204	0.008827	0.048155	0.339023	1014.683	32.52365	0	1047.207	0.025993
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Natural Gas	316.4830531	20486.76	20486.76	0	2816.699173	0	0.005302	0.000552	0	0.005854	1.01E-05	9.79E-07	0	1.11E-05	6.77E-05	0.000353	0.000432	1.1E-05	1.06E-06	0	1.21E-05	0.000271	0.001009	0.001292	21.94487	0.423746	0	22.36861	0.012802
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Gasoline	4118.444778	185981.7	185981.7	0	16473.77911	0	0.234022	0.004119	0.01104	0.249181	0.000468	0	1.78E-05	0.000486	0.00041	0.003285	0.004181	0.000507	0	1.92E-05	0.000527	0.00164	0.009387	0.011554	185.7065	12.34125	1.219066	199.2668	0.011189
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Diesel	20843.82456	456730.6	456730.6	0	301818.5796	0	4.87674	0.804913	0.032902	5.714555	0.113669	0.006063	0	0.119732	0.00151	0.008024	0.129267	0.118809	0.006337	0	0.125146	0.006042	0.022926	0.154113	615.0712	53.59467	0	668.6659	0.010639
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Natural Gas	1449.245426	32774.7	32774.7	0	20985.07376	0	0.038226	0.008546	0	0.046772	0.000143	1.51E-05	0	0.000159	0.000108	0.000587	0.000854	0.000156	1.65E-05	0	0.000172	0.000434	0.001678	0.002284	62.94469	6.520367	0	69.46506	0.181941
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Gasoline	2223.653815	206040.3	206040.3	0	8894.61526	0	0.054551	0	0.00951	0.064062	5.79E-05	0	1.36E-06	5.93E-05	0.000613	0.00829	0.008962	6.3E-05	0	1.48E-06	6.45E-05	0.002452	0.023685	0.026201	393.8542	0	0.973867	394.8281	0.001296
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Diesel	4022.614294	401958.6	401958.6	0	16090.45718	0	5.519149	0	0	5.519149	0.005971	0	0	0.005971	0.00354	0.017031	0.026541	0.006241	0	0	0.006241	0.014159	0.04866	0.069059	740.6057	0	0	740.6057	0.002844
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Electricity	52.00137209	3286.999	0	3286.999	208.0054884	6819.67	0	0	0	0	0	0	0	0	2.57E-05	5.84E-05	8.41E-05	0	0	0	0	0.000103	0.000167	0.000269	0	0	0	0	0
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Natural Gas	6951.730518	776091.2	776091.2	0	27806.92207	0	6.355431	0	0	6.355431	0.007633	0	0	0.007633	0.007019	0.032881	0.047533	0.007978	0	0	0.007978	0.028074	0.093946	0.129998	1754.702	0	0	1754.702	4.399823
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Gasoline	1760.058301	121433.3	121433.3	0	35215.24648	0	0.987776	0	0.011928	0.999704	0.00056	0	0.000259	0.000819	0.000669	0.004958	0.006447	0.000593	0	0.000273	0.000866	0.002677	0.014167	0.01771	333.8542	0	4.171876	338.0261	0.039731
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Diesel	250724.337	36387810	36387810	0	3824766.963	0	364.0178	21.24585	2.812037	388.0757	8.75352	0.159014	0	8.912533	0.355749	1.293928	10.56221	9.149315	0.166204	0	9.315519	1.422997	3.696936	14.43545	66907.02	3148.912	0	70055.93	0.675084
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Natural Gas	5860.804299	465616.5	465616.5	0	40532.46432	0	1.724639	0.079141	0	1.803779	0.003202	6.77E-05	0	0.00327	0.004619	0.027827	0.035716	0.003483	7.36E-05	0	0.003556	0.018477	0.079504	0.101538	806.6298	58.6186	0	865.2484	1.749175
Statewide Totals	2014	LDA	Aggregate	Aggregate	Gasoline	13609448.1	4.74E+08	4.74E+08	0	63353028.53	0	89.83475	0	33.35106	123.1858	0.906067	0	0.20334	1.109407	1.045027	1.413676	3.568109	0.983709	0	0.220242	1.203951	4.180108	4.039073	9.423132	171617.4	0	6037.7	177655.1	5.312823
Statewide Totals	2014	LDA	Aggregate	Aggregate	Diesel	101287.4516	3519655	3519655	0	464670.1016	0	1.452089	0	0	1.452089	0.118033	0	0	0.118033	0.00776	0.010177	0.13597	0.12337	0	0	0.12337	0.031038	0.029078	0.183486	1000.743	0	0	1000.743	0.008726
Statewide Totals	2014	LDA	Aggregate	Aggregate	Electricity	47974.54699	1553813	0	1553813	245094.6443	599900	0	0	0	0	0	0	0	0	0.003426	0.002611	0.006036	0	0	0	0	0.013702	0.007459	0.021161	0	0	0	0	0
Statewide Totals	2014	LDA	Aggregate	Aggregate	Plug-in Hybrid	55087.51605	2577512	1396680	1180832	227786.8789	356646.5	0.010289	0	0.028407	0.038696	0.00156	0	0.000363	0.001924	0.005682	0.00387	0.011477	0.001697	0	0.000395	0.002092	0.02273	0.011058	0.03588	443.5143	0	17.61438	461.1287	0.001537
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Gasoline	1443740.814	43518044	43518044	0	6348191.186	0	21.96137	0	5.225243	27.18661	0.198878	0	0.039592	0.23847	0.095941	0.160005	0.494417	0.21555	0	0.042864	0.258414	0.383764	0.457159	1.099336	18580.07	0	770.1821	19350.26	1.212057
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Diesel	3117.533135	64951.89	64951.89	0	11665.16433	0	0.098901	0	0	0.098901	0.011623	0	0	0.011623	0.000143	0.000258	0.012024	0.012148	0	0	0.012148	0.000573	0.000738	0.013459	33.34161	0	0	33.34161	0.000742
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Electricity	2821.77787	81848.28	0	81848.28	13827.26672	31600.19	0	0	0	0	0	0	0	0	0.00018	0.000138	0.000318	0	0	0	0	0.000722	0.000394	0.001116	0	0	0	0	0

Statewide Totals	2014	LDT2	Aggregate	Aggregate	Gasoline	5024240.2	1.72E+08	1.72E+08	0	23359456.44	0	62.6026	0	21.70357	84.30616	0.352296	0	0.071587	0.423883	0.380089	0.610427	1.4144	0.382061	0	0.077581	0.459643	1.520357	1.744079	3.724078	81783.14	0	2909.711	84692.86	2.451456
Statewide Totals	2014	LDT2	Aggregate	Aggregate	Diesel	7801.605121	333103.1	333103.1	0	38994.39709	0	0.042256	0	0	0.042256	0.004268	0	0	0.004268	0.000734	0.001068	0.00607	0.004461	0	0	0.004461	0.002937	0.003051	0.010449	131.8954	0	0	131.8954	0.000445
Statewide Totals	2014	LHDT1	Aggregate	Aggregate	Gasoline	507191.9542	15396338	15396338	0	7556404.402	0	9.868185	0.023273	5.648405	15.53986	0.050952	0	0.009297	0.06025	0.033943	0.463324	0.557516	0.055052	0	0.009968	0.065019	0.135772	1.323781	1.524573	15859.47	69.67592	210.2226	16139.37	0.515684
Statewide Totals	2014	LHDT1	Aggregate	Aggregate	Diesel	355201.7966	12042363	12042363	0	4467991.757	0	61.9548	1.016482	0	62.97128	0.967394	0.011196	0	0.97859	0.039823	0.362392	1.380805	1.011136	0.011702	0	1.022838	0.159293	1.035406	2.217537	7669.82	56.08383	0	7725.904	0.184136
Statewide Totals	2014	LHDT2	Aggregate	Aggregate	Gasoline	72173.24151	2385260	2385260	0	1075273.76	0	1.131627	0.003338	0.839847	1.974812	0.004708	0	0.000633	0.00534	0.005259	0.083743	0.094342	0.005119	0	0.000688	0.005806	0.021034	0.239266	0.266107	2655.748	11.43384	31.76236	2698.944	0.043624
Statewide Totals	2014	LHDT2	Aggregate	Aggregate	Diesel	106587.0572	3815021	3815021	0	1340731.093	0	15.75932	0.305021	0	16.06434	0.262873	0.003228	0	0.266101	0.012616	0.13394	0.412657	0.274759	0.003374	0	0.278132	0.050464	0.382686	0.711283	3041.985	26.8307	0	3068.816	0.050071
Statewide Totals	2014	MCY	Aggregate	Aggregate	Gasoline	695041.2023	3951333	3951333	0	1390082.405	0	3.689442	0	0.349189	4.038631	0.00868	0	0.008183	0.016862	0.004356	0.018294	0.039512	0.009159	0	0.008603	0.017762	0.017422	0.052267	0.087451	880.5965	0	99.27853	979.875	1.161076
Statewide Totals	2014	MDV	Aggregate	Aggregate	Gasoline	4030858.457	1.33E+08	1.33E+08	0	18606455.86	0	58.43514	0	20.79891	79.23405	0.272156	0	0.063422	0.335577	0.292854	0.477052	1.105483	0.295145	0	0.068757	0.363902	1.171415	1.363005	2.898322	74404.16	0	2705.998	77110.16	2.279308
Statewide Totals	2014	MDV	Aggregate	Aggregate	Diesel	24823.25557	978373.5	978373.5	0	120509.8573	0	0.173431	0	0	0.173431	0.017439	0	0	0.017439	0.002157	0.003115	0.022711	0.018227	0	0	0.018227	0.008628	0.0089	0.035755	502.3496	0	0	502.3496	0.001382
Statewide Totals	2014	MH	Aggregate	Aggregate	Gasoline	134225.3334	1044461	1044461	0	13427.90235	0	1.26963	0	0.005461	1.275091	0.004162	0	2.25E-05	0.004184	0.003454	0.017788	0.025427	0.004473	0	2.4E-05	0.004497	0.013816	0.050823	0.069137	2153.243	0	0.597233	2153.84	0.06897
Statewide Totals	2014	MH	Aggregate	Aggregate	Diesel	30745.78826	288614.8	288614.8	0	3074.578826	0	2.004098	0	0	2.004098	0.0596	0	0	0.0596	0.001273	0.004893	0.065766	0.062295	0	0	0.062295	0.00509	0.01398	0.081365	331.9746	0	0	331.9746	0.00198
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Gasoline	53737.1333	2351513	2351513	0	1075172.563	0	4.290561	0.005097	0.621615	4.917273	0.006432	0	0.002763	0.009195	0.007776	0.039955	0.056927	0.006919	0	0.002933	0.009851	0.031105	0.114158	0.155115	4780.858	33.31152	74.32833	4888.498	0.166552
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Diesel	258616.0405	10571553	10571553	0	3071192.563	0	85.05517	10.4151	1.07706	96.54733	2.538499	0.092032	0	2.630531	0.034959	0.180783	2.846273	2.653278	0.096193	0	2.749471	0.139838	0.516524	3.405833	13387.8	720.1995	0	14108	0.206356
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Natural Gas	579.1120288	28373.85	28373.85	0	6126.330447	0	0.006565	0.003979	0	0.010545	1.29E-05	7.05E-06	0	1.99E-05	9.38E-05	0.000482	0.000596	1.4E-05	7.67E-06	0	2.17E-05	0.000375	0.001378	0.001775	28.63934	3.030785	0	31.67012	0.01579
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Gasoline	16239.46291	837667.1	837667.1	0	324919.1738	0	1.001418	0.001154	0.153439	1.156011	0.000844	0	0.000199	0.001043	0.00277	0.014322	0.018135	0.000915	0	0.000212	0.001127	0.01108	0.04092	0.053127	1688.261	6.99277	12.7902	1708.044	0.028485
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Diesel	10000.0124	673142.4	673142.4	0	119052.5229	0	6.79221	0.409963	0.045744	7.247917	0.280833	0.004597	0	0.28543	0.002226	0.016709	0.304364	0.293531	0.004805	0	0.298336	0.008904	0.047739	0.354979	1028.222	33.31315	0	1061.535	0.027266
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Natural Gas	241.0918965	17723.31	17723.31	0	2145.717879	0	0.004482	0.000421	0	0.004902	8.62E-06	7.46E-07	0	9.36E-06	5.86E-05	0.000305	0.000372	9.37E-06	8.11E-07	0	1.02E-05	0.000234	0.00087	0.001115	18.75847	0.321938	0	19.0804	0.010814
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Gasoline	4248.627464	195985.3	195985.3	0	16994.50986	0	0.224581	0.004259	0.011473	0.240313	0.000445	0	1.68E-05	0.000462	0.000432	0.003457	0.004351	0.000483	0	1.82E-05	0.000501	0.001728	0.009877	0.012106	193.1091	12.63228	1.230855	206.9723	0.010349
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Diesel	20573.83447	451812.9	451812.9	0	297909.1231	0	4.693863	0.775589	0.040096	5.509548	0.028089	0.001419	0	0.029508	0.001494	0.007934	0.038937	0.029359	0.001483	0	0.030843	0.005976	0.02267	0.059489	610.8402	53.12402	0	663.9643	0.002928
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Natural Gas	1592.655531	39906.78	39906.78	0	23061.65208	0	0.047046	0.009392	0	0.056438	0.000175	1.66E-05	0	0.000192	0.000132	0.000716	0.00104	0.000191	1.81E-05	0	0.000209	0.000528	0.002045	0.002782	76.64456	7.138219	0	83.78277	0.223264
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Gasoline	2150.302239	199571.9	199571.9	0	8601.208956	0	0.051304	0	0.009312	0.060616	6E-05	0	1.33E-06	6.13E-05	0.000592	0.008017	0.00867	6.52E-05	0	1.45E-06	6.67E-05	0.002368	0.022906	0.02534	374.2744	0	0.936881	375.2113	0.001159
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Diesel	3857.957149	348720.6	348720.6	0	15431.08193	0	4.209243	0	0	4.209243	0.004768	0	0	0.004768	0.003005	0.014779	0.022552	0.004984	0	0	0.004984	0.012021	0.042225	0.05923	616.7645	0	0	616.7645	0.002199
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Electricity	51.27662914	1302.002	0	1302.002	205.1065166	2619.237	0	0	0	0	0	0	0	0	4.95E-06	1.61E-05	2.1E-05	0	0	0	0	1.98E-05	4.59E-05	6.57E-05	0	0	0	0	0
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Natural Gas	7085.463983	775329.6	775329.6	0	28338.6026	0	5.673116	0	0	5.673116	0.006617	0	0	0.006617	0.006994	0.032855	0.046465	0.006916	0	0	0.006916	0.027975	0.093871	0.128761	1778.59	0	0	1778.59	4.12805
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Gasoline	870.2509838	26364.46	26364.46	0	17411.98168	0	0.389817	0	0.010053	0.39987	0.000373	0	0.000186	0.000559	0.000145	0.001127	0.001831	0.000394	0	0.000196	0.00059	0.000581	0.00322	0.004391	78.75442	0	2.469502	81.22392	0.020029
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Diesel	262464.0309	36298335	36298335	0	4036939.783	0	313.1524	22.94337	3.982878	340.0787	7.208446	0.135914	0	7.34436	0.354864	1.253372	8.952597	7.53438	0.14206	0	7.67644	1.419457	3.581064	12.67696	66501.24	3573.709	0	70074.95	0.554141
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Natural Gas	7179.477155	534874.5	534874.5	0	50924.96841	0	1.761642	0.098732	0	1.860374	0.003123	8.94E-05	0	0.003213	0.005306	0.03178	0.040299	0.003397	9.72E-05	0	0.003494	0.021226	0.090799	0.115519	903.5883	71.87384	0	975.4621	1.991144
Statewide Totals	2015	LDA	Aggregate	Aggregate	Gasoline	13950022.6	5.02E+08	5.02E+08	0	65070535.37	0	80.52157	0	31.44711	111.9687	0.894422	0	0.19245	1.086872	1.106071	1.495106	3.68805	0.971478	0	0.208631	1.180109	4.424286	4.271733	9.876127	179557.2	0	6052.417	185609.7	4.759586
Statewide Totals	2015	LDA	Aggregate	Aggregate	Diesel	115310.4258	4249858	4249858	0	535913.2487	0	1.374358	0	0	1.374358	0.109322	0	0	0.109322	0.009369	0.012286	0.130977	0.114265	0	0	0.114265	0.037477	0.035102	0.186845	1180.834	0	0	1180.834	0.008418
Statewide Totals	2015	LDA	Aggregate	Aggregate	Electricity	84849.812	2819834	0	2819834	433444.3512	1088689	0	0	0	0	0	0	0	0	0.006217	0.004738	0.010955	0	0	0	0	0.024867	0.013538	0.038405	0	0	0	0	0
Statewide Totals	2015	LDA	Aggregate	Aggregate	Plug-in Hybrid	76002.8161	3575823	1937636	1638186	314271.6446	494781.1	0.014259	0	0.039208	0.053467	0.002489	0	0.000584	0.003073	0.007883	0.005369	0.016326	0.002707	0	0.000635	0.003342	0.031533	0.015341	0.050217	617.614	0	24.2937	641.9077	0.002127
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Gasoline	1517351.486	48349820	48349820	0	6731863.228	0	20.42332	0	4.986723	25.41004	0.194172	0	0.037706	0.231879	0.106593	0.175026	0.513498	0.210553	0	0.040847	0.2514	0.426373	0.500074	1.177846	20262.17	0	788.1293	21050.3	1.12984
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Diesel	2920.420891	58556.7	58556.7	0	10634.27495	0	0.090372	0	0	0.090372	0.011108	0	0	0.011108	0.000129	0.000235	0.011472	0.011611	0	0	0.011611	0.000516	0.000671	0.012798	29.74932	0	0	29.74932	0.000705
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Electricity	2711.936585	77608.89	0	77608.89	13128.82978	29963.44	0	0	0	0	0	0	0	0	0.000171	0.000131	0.000302	0	0	0	0	0.000684	0.000374	0.001059	0	0	0	0	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Gasoline	5118410.814	1.78E+08	1.78E+08	0	23711717.75	0	59.76113	0	21.03929	80.80042	0.350038	0	0.069378	0.419416	0.393304	0.633931	1.446651	0.3799	0	0.075256	0.455156	1.573214	1.811231	3.839601	83944.95	0	2916.731	86861.68	2.308595
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Diesel	14053.26897	592493.2	592493.2	0	68855.82099	0	0.104143	0	0	0.104143	0.011863	0	0	0.011863	0.001306	0.001909	0.015078	0.012399	0	0	0.012399	0.005225	0.005454	0.023078	232.9444	0	0	232.9444	0.001055
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Electricity	874.9600376	25159.02	0	25159.02	4238.921271	9713.46	0	0	0	0	0	0	0	0	5.55E-05	4.25E-05	9.79E-05	0	0	0	0	0.000222	0.000121	0.000343	0	0	0	0	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Plug-in Hybrid	164.1637999	7944.072	4304.666	3639.406	678.8173127	1099.209	3.18E-05	0	8.48E-05	0.000117	7.64E-06	0	1.8E-06	9.44E-06	1.75E-05	1.19E-05	3.89E-05	8.31E-06	0	1.96E-06	1.03E-05	7.01E-05	3.4E-05	0.000114	1.373312	0	0.065782	1.439093	4.75E-06
Statewide Totals	2015	LHDT1	Aggregate	Aggregate	Gasoline	498888.8982	15600576	15600576	0	7432701.238	0	9.199178	0.022938	5.665444	14.88756	0.046927	0	0.008112	0.055038	0.034393	0.46947	0.558902	0.050751	0	0.008711	0.059461	0.137574	1.341342	1.538377	15870.57	68.85682	204.7248	16144.15	0.465988
Statewide Totals	2015	LHDT1	Aggregate	Aggregate	Diesel	362293.3302	12577308	12577308	0	4557194.329	0	59.99064	1.036776	0	61.02741	0.953078	0.011278	0	0.964356	0.041592	0.37849	1.384438	0.996172	0.011788	0	1.00796	0.166369	1.0814	2.255729	8112.752	57.05977	0	8169.812	0.184914
Statewide Totals	2015	LHDT2	Aggregate	Aggregate	Gasoline	72058.78082	2429698	2429698	0	1073568.467	0	1.083515	0.003336	0.844764	1.931615	0.004629	0	0.000602	0.005232	0.005357	0.085303	0.095891	0.005033	0	0.000655	0.005688	0.021426	0.243724	0.270838	2680.399	11.46504	31.7984	2723.663	0.041294
Statewide Totals	2015	LHDT2	Aggregate	Aggregate	Diesel	114007.4992	4229901	4229901	0	1434070.918	0	15.48391	0.326256	0	15.81017	0.265376	0.00343	0	0.268806	0.013988	0.148506	0.4313	0.277375	0.003585	0	0.28096	0.055952	0.424303	0.761215	3409.153	28.64305	0	3437.797	0.051776
Statewide Totals	2015	MCY	Aggregate	Aggregate	Gasoline	721328.6298	4186369	4186369	0	1442657.26	0	3.708479	0	0.346476	4.054955	0.00907	0	0.008117	0.017187	0.004615	0.019382	0.041183	0.009587	0	0.00854	0.018127	0.018459	0.055376	0.091962	929.6208	0	100.4085	1030.029	1.162067
Statewide Totals	2015	MDV	Aggregate	Aggregate	Gasoline	4011876.551	1.35E+08	1.35E+08	0	18474775.78	0	53.70833	0	19.32254	73.03087	0.267013	0	0.060278	0.327292	0.297659	0.484446	1.109396	0.289503	0	0.065331	0.354834	1.190635	1.384131	2.9296	75123.98	0	2659.009	77782.99	2.137877
Statewide Totals	2015	MDV	Aggregate	Aggregate	Diesel	42733.94952	1775251	1775251	0	210109.6193	0	0.305687	0	0	0.305687	0.021725	0	0	0.021725	0.003914	0.005623	0.031261	0.022707	0	0	0.022707	0.015655	0.016065	0.054427	898.9009	0	0	898.9009	0.001934
Statewide Totals	2015	MDV	Aggregate	Aggregate	Electricity	416.8481917	8597.773	0	8597.773	1832.992292	3319.45	0	0	0	0	0	0	0	0	1.9E-05	1.47E-05	3.37E-05	0	0	0	0	7.58E-05	4.2E-05	0.000118	0	0	0	0	0
Statewide Totals	2015	MH	Aggregate	Aggregate	Gasoline	126227.5949	1013799	1013799	0	12627.80859	0	1.106572	0	0.005102	1.111673	0.003436	0	1.67E-05	0.003453	0.003353	0.017264	0.02407	0.003703	0	1.78E-05	0.003721	0.01341	0.049326	0.066457	2096.498	0	0.530684	2097.029	0.055645
Statewide Totals	2015	MH	Aggregate	Aggregate	Diesel	32379.81534	308962.8	308962.8	0	3237.981534	0	2.021405	0	0	2.021405	0.059411	0	0	0.059411	0.001362	0.005239	0.066013	0.062098	0	0	0.062098	0.005449	0.014968	0.082515	355.4194	0	0	355.4194	0.002029
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Gasoline	54004.98924	2434918	2434918	0	1080531.825	0	4.103436	0.005143	0.612551	4.721131	0.005998	0	0.002438	0.008435	0.008052	0.041355	0.057843	0.006457	0	0.002591	0.009048	0.032208	0.118158	0.159415	4945.264	33.58674	72.59066	5051.442	0.156006
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Diesel	264588.1292	10561670	10561670	0	3142074.95	0	77.37903	10.19789	1.397467	88.97439	2.293389	0.084961	0	2.37835	0.034927	0.180615	2.593892	2.397086	0.088802	0	2.485889	0.139707	0.516042	3.141638	13387.87	733.3556	0	14121.23	0.187886
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Natural Gas	682.2432852	32619.08	32619.08	0	7145.29454	0	0.007552	0.004719	0	0.012271	1.48E-05	8.36E-06	0	2.32E-05	0.000108	0.000554	0.000685	1.61E-05	9.1E-06	0	2.52E-05	0.000431	0.001583	0.00204	32.67286	3.569952	0	36.24281	0.018159
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Gasoline	16501.11432	849354.3	849354.3	0	330154.2953	0	0.947587	0.001174	0.155175	1.103936	0.000825	0	0.000193	0.001018	0.002809	0.014521	0.018348	0.000894	0	0.000206	0.0011	0.011235	0.041489	0.053824	1713.835	7.126486	12.91131	1733.873	0.026959
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Diesel	10459.12073	670351.7	670351.7	0	122419.1778	0	6.247369	0.389328	0.056087	6.692783	0.261338	0.004252	0	0.26559	0.002217	0.016474	0.28428	0.273154	0.004445	0	0.277599	0.008867	0.047067	0.333533	1025.445	32.84736	0	1058.292	0.025376
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Natural Gas	310.6691624	20046.44	20046.44	0	2764.955545	0	0.005152	0.000542	0	0.005694	9.84E-06	9.61E-07	0	1.08E-05	6.63E-05	0.000345	0.000422	1.07E-05	1.05E-06	0	1.17E-05	0.000265	0.000986	0.001263	21.24461	0.413116	0	21.65773	0.012431
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Gasoline	6709.32182	318562.4	318562.4	0	26837.28728	0	0.562069	0.006623	0.017259	0.585952	0.002053	0	8.65E-05	0.002139	0.000702	0.005618	0.008459	0.002188	0	9.2E-05	0.00228	0.002809	0.01605	0.02114	323.8719	19.97317	2.060913	345.906	0.046943
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Diesel	20136.38836	449005.7	449005.7	0	291574.9035	0	4.524892	0.745203	0.046629	5.316725	0.027321	0.001319	0	0.02864	0.001485	0.007884	0.038009	0.028557	0.001378	0	0.029935	0.005939	0.022526	0.0584	605.2315	51.89482	0	657.1263	0.002887
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Natural Gas	1602.941637	42442.08	42442.08	0	23210.5949	0	0.050041	0.009452	0	0.059494	0.000187	1.68E-05	0	0.000203	0.00014	0.000761	0.001105	0.000203	1.82E-05	0	0.000221	0.000561	0.002175	0.002958	81.20312	7.156267	0	88.35938	0.237471
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Gasoline	2286.157173	208552.9	208552.9	0	9144.628693	0	0.052314	0	0.009606	0.06192	7.48E-05	0	1.63E-06	7.64E-05	0.000607	0.008299	0.008982	8.14E-05	0	1.77E-06	8.31E-05	0.002427	0.023711	0.026221	374.7969	0	0.957838	375.7548	0.001182
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Diesel	3918.485217	398234.1	398234.1	0	15673.94087	0	3.96504	0	0	3.96504	0.005094	0	0	0.005094	0.003477	0.016878	0.025449	0.005324	0	0	0.005324	0.013909	0.048222	0.067455	686.1713	0	0	686.1713	0.002388
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Electricity	56.10389497	3339.867	0	3339.867	224.4155799	6569.03	0	0	0	0	0	0	0	0	1.91E-05	5.87E-05	7.78E-05	0	0	0	0	7.65E-05	0.000168	0.000244	0	0	0	0	0
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Natural Gas	6864.132085	754515.3	754515.3	0	27456.52834	0	4.530571	0	0	4.530571	0.005109	0	0	0.005109	0.006762	0.03194	0.043811	0.00534	0	0	0.00534	0.027048	0.091256	0.123645	1732.453	0	0	1732.453	3.521
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Gasoline	483.4410074	20532.49	20532.49	0	9672.687676	0	0.266259	0	0.005354	0.271613	0.000185	0	7.82E-05	0.000263	0.000113	0.000858	0.001234	0.000196	0	8.24E-05	0.000278	0.000453	0.00245	0.003181	58.79709	0	1.151604	59.9487	0.011397
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Diesel	268393.3338	38160748	38160748	0	4167284.698	0	280.7102	23.92464	5.188838	309.8236	6.166751	0.11257	0	6.279321	0.373061	1.282251	7.934633	6.445584	0.11766	0	6.563244	1.492244	3.663573	11.71906	69798.01	3888.87	0	73686.88	0.465506
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Natural Gas	8481.312126	647147.6	647147.6	0	61958.16419	0	1.899304	0.119065	0	2.018369	0.003226	0.000114	0	0.00334	0.00642	0.037637	0.047397	0.003508	0.000124	0	0.003632	0.025681	0.107535	0.136848	1066.378	85.57668	0	1151.955	2.337796
Statewide Totals	2016	LDA	Aggregate	Aggregate	Gasoline	13947603.04	5.37E+08	5.37E+08	0	65141591.28	0	73.43249	0	29.24101	102.6735	0.924126	0	0.180989	1.105115	1.184185	1.597552	3.886853	1.004216	0	0.196409	1.200625	4.736742	4.564435	10.5018	189110.9	0	5896.222	195007.1	4.339637
Statewide Totals	2016	LDA	Aggregate	Aggregate	Diesel	107641.0586	4124057	4124057	0	496837.907	0	1.293242	0	0	1.293242	0.100171	0	0	0.100171	0.009092	0.011973	0.121235	0.1047	0	0	0.1047	0.036368	0.034207	0.175276	1140.951	0	0	1140.951	0.007842
Statewide Totals	2016	LDA	Aggregate	Aggregate	Electricity	121982.8356	4286579	0	4286579	621332.5661	1654973	0	0	0	0	0	0	0	0	0.00945	0.007206	0.016657	0	0	0	0	0.037801	0.02059	0.058391	0	0	0	0	0
Statewide Totals	2016	LDA	Aggregate	Aggregate	Plug-in Hybrid	92681.65046	4570031	2476369	2093661	383238.6247	632348.2	0.018192	0	0.047826	0.066019	0.003607	0	0.000814	0.004421	0.010075	0.006858	0.021354	0.003923	0	0.000885	0.004808	0.040301	0.019595	0.064704	787.9682	0	29.39363	817.3618	0.002724
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Gasoline	1517821.54	52647460	52647460	0	6776157.181	0	19.01402	0	4.581046	23.59507	0.191023	0	0.034466	0.225489	0.116068	0.188569	0.530125	0.207311	0	0.037375	0.244687	0.464272	0.538768	1.247726	21603.38	0	766.1349	22369.51	1.045442
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Diesel	2389.411333	47860.58	47860.58	0	8487.692015	0	0.076883	0	0	0.076883	0.009447	0	0	0.009447	0.000106	0.000195	0.009748	0.009874	0	0	0.009874	0.000422	0.000558	0.010855	24.18365	0	0	24.18365	0.000594
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Electricity	2448.042854	72546.37	0	72546.37	11771.3327	28008.89	0	0	0	0	0	0	0	0	0.00016	0.000123	0.000283	0	0	0	0	0.00064	0.000351	0.00099	0	0	0	0	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Gasoline	4986778.316	1.84E+08	1.84E+08	0	23042596.88	0	55.66417	0	19.08525	74.74942	0.351984	0	0.065079	0.417063	0.406143	0.654594	1.4778	0.382187	0	0.070632	0.452819	1.624572	1.870268	3.947659	85330.74	0	2777.078	88107.82	2.162334
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Diesel	14942.77374	669978.4	669978.4	0	73429.67458	0	0.091054	0	0	0.091054	0.010457	0	0	0.010457	0.001477	0.002162	0.014096	0.01093	0	0	0.01093	0.005908	0.006177	0.023015	259.6161	0	0	259.6161	0.000999
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Electricity	729.7710637	22153	0	22153	3546.04571	8552.886	0	0	0	0	0	0	0	0	4.88E-05	3.74E-05	8.63E-05	0	0	0	0	0.000195	0.000107	0.000302	0	0	0	0	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Plug-in Hybrid	607.5895469	31043.9	16821.8	14222.1	2512.382777	4295.498	0.000124	0	0.000314	0.000438	3.31E-05	0	7.45E-06	4.06E-05	6.84E-05	4.65E-05	0.000156	3.6E-05	0	8.11E-06	4.41E-05	0.000274	0.000133	0.000451	5.357501	0	0.239148	5.596649	1.86E-05
Statewide Totals	2016	LHDT1	Aggregate	Aggregate	Gasoline	500619.2427	17179773	17179773	0	7458480.794	0	9.01861	0.022994	5.785279	14.82688	0.046665	0	0.007174	0.053839	0.037875	0.516993	0.608707	0.050523	0	0.007716	0.058239	0.1515	1.477122	1.686861	17034.97	68.94331	205.2571	17309.17	0.438697
Statewide Totals	2016	LHDT1	Aggregate	Aggregate	Diesel	381350.7339	14383014	14383014	0	4796912.493	0	61.04082	1.083853	0	62.12467	0.984425	0.011731	0	0.996157	0.047564	0.432829	1.47655	1.028937	0.012262	0	1.041199	0.190255	1.236656	2.468109	9407.063	59.80575	0	9466.869	0.195421
Statewide Totals	2016	LHDT2	Aggregate	Aggregate	Gasoline	69082.32172	2388610	2388610	0	1029223.661	0	1.07989	0.003195	0.820811	1.903896	0.004628	0	0.000575	0.005203	0.005266	0.083861	0.094329	0.005032	0	0.000625	0.005657	0.021064	0.239602	0.266323	2639.229	10.98143	30.40676	2680.617	0.040668
Statewide Totals	2016	LHDT2	Aggregate	Aggregate	Diesel	119965.3347	4721699	4721699	0	1509012.994	0	15.74122	0.341452	0	16.08267	0.274207	0.003584	0	0.277791	0.015614	0.165772	0.459178	0.286605	0.003746	0	0.290351	0.062457	0.473635	0.826444	3822.073	30.06399	0	3852.137	0.054634
Statewide Totals	2016	MCY	Aggregate	Aggregate	Gasoline	724849.5171	4485487	4485487	0	1449699.034	0	3.774822	0	0.329475	4.104297	0.009366	0	0.007303	0.01667	0.004944	0.020766	0.042381	0.009921	0	0.007694	0.017615	0.019778	0.059333	0.096725	988.0353	0	97.41838	1085.454	1.17905
Statewide Totals	2016	MDV	Aggregate	Aggregate	Gasoline	3705269.695	1.3E+08	1.3E+08	0	16905473.73	0	52.49585	0	18.07622	70.57207	0.270437	0	0.057335	0.327772	0.286019	0.46887	1.082661	0.293328	0	0.062166	0.355494	1.144075	1.339628	2.839197	71657.93	0	2422.109	74080.04	2.070937
Statewide Totals	2016	MDV	Aggregate	Aggregate	Diesel	50606.00449	2233881	2233881	0	248798.6324	0	0.333515	0	0	0.333515	0.023122	0	0	0.023122	0.004925	0.007105	0.035152	0.024167	0	0	0.024167	0.019699	0.020301	0.064168	1116.488	0	0	1116.488	0.002177
Statewide Totals	2016	MDV	Aggregate	Aggregate	Electricity	391.7572509	8149.876	0	8149.876	1694.646933	3146.525	0	0	0	0	0	0	0	0	1.8E-05	1.4E-05	3.19E-05	0	0	0	0	7.19E-05	3.99E-05	0.000112	0	0	0	0	0
Statewide Totals	2016	MDV	Aggregate	Aggregate	Plug-in Hybrid	2145.532517	109181.9	59162.53	50019.33	8871.77696	15107.33	0.000433	0	0.001107	0.001541	0.00012	0	2.74E-05	0.000148	0.000241	0.000163	0.000551	0.000131	0	2.98E-05	0.00016	0.000963	0.000465	0.001588	18.78651	0	1.02116	19.80767	6.48E-05
Statewide Totals	2016	MH	Aggregate	Aggregate	Gasoline	117255.7245	1006197	1006197	0	11730.26268	0	0.954542	0	0.004783	0.959325	0.002668	0	9.92E-06	0.002678	0.003327	0.01713	0.023136	0.00289	0	1.07E-05	0.0029	0.01331	0.048944	0.065154	2073.069	0	0.451778	2073.52	0.039738
Statewide Totals	2016	MH	Aggregate	Aggregate	Diesel	32700.96979	323425.5	323425.5	0	3270.096979	0	2.058821	0	0	2.058821	0.060437	0	0	0.060437	0.001426	0.005484	0.067347	0.06317	0	0	0.06317	0.005704	0.015669	0.084542	371.9492	0	0	371.9492	0.002086
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Gasoline	56371.22108	2811904	2811904	0	1127875.391	0	4.041879	0.005399	0.626644	4.673922	0.005917	0	0.002095	0.008012	0.009299	0.047725	0.065036	0.00638	0	0.002231	0.008611	0.037195	0.136358	0.182164	5661.921	34.94898	72.22177	5769.092	0.150362
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Diesel	270110.3076	11122010	11122010	0	3205898.506	0	73.68228	9.924616	1.772439	85.37934	2.158971	0.077193	0	2.236165	0.03678	0.190197	2.463142	2.25659	0.080684	0	2.337274	0.147119	0.543421	3.027814	14123.87	745.6212	0	14869.49	0.177932
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Natural Gas	820.8753045	39778.74	39778.74	0	8456.796515	0	0.009169	0.005737	0	0.014906	1.88E-05	1.02E-05	0	2.9E-05	0.000132	0.000677	0.000837	2.05E-05	1.11E-05	0	3.16E-05	0.000526	0.001933	0.002491	39.75157	4.304169	0	44.05574	0.022429
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Gasoline	15854.20328	848355.6	848355.6	0	317210.8992	0	0.906981	0.00113	0.148514	1.056624	0.000793	0	0.000153	0.000946	0.002805	0.014504	0.018256	0.00086	0	0.000165	0.001024	0.011222	0.041441	0.053687	1707.969	6.837701	12.16078	1726.967	0.025539
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Diesel	10623.80622	704352.7	704352.7	0	124412.726	0	5.959904	0.365157	0.073758	6.398819	0.254379	0.003939	0	0.258318	0.002329	0.017064	0.277712	0.265881	0.004117	0	0.269998	0.009317	0.048755	0.32807	1083.313	33.0949	0	1116.407	0.024768
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Natural Gas	346.0728329	22991.24	22991.24	0	3080.048212	0	0.00598	0.000604	0	0.006584	1.16E-05	1.07E-06	0	1.27E-05	7.6E-05	0.000396	0.000485	1.26E-05	1.16E-06	0	1.38E-05	0.000304	0.001133	0.001451	24.38612	0.456879	0	24.843	0.014525
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Gasoline	5648.847055	287023.7	287023.7	0	22595.38822	0	0.548819	0.005564	0.01494	0.569323	0.001923	0	7.57E-05	0.001998	0.000633	0.00506	0.007691	0.00205	0	8.05E-05	0.002131	0.002531	0.014457	0.019119	292.0111	16.82526	1.770977	310.6073	0.04359

Statewide Totals	2016	SBUS	Aggregate	Aggregate	Diesel	21683.62428	466156.3	466156.3	0	313978.8795	0	4.54389	0.777614	0.059116	5.38062	0.028143	0.001396	0	0.029539	0.001542	0.008184	0.039265	0.029416	0.001459	0	0.030875	0.006166	0.023384	0.060425	627.5972	55.51358	0	683.1108	0.003007
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Natural Gas	1976.445721	51668.01	51668.01	0	28618.93404	0	0.059491	0.011655	0	0.071146	0.000225	2.07E-05	0	0.000246	0.000171	0.000925	0.001342	0.000245	2.25E-05	0	0.000267	0.000683	0.002643	0.003594	96.99378	8.767987	0	105.7618	0.284355
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Gasoline	2874.05488	248250	248250	0	11496.21952	0	0.052725	0	0.011604	0.06433	0.000122	0	2.36E-06	0.000125	0.000698	0.009719	0.010542	0.000133	0	2.57E-06	0.000136	0.002793	0.027768	0.030696	426.725	0	1.105141	427.8302	0.001254
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Diesel	4185.353558	431775.5	431775.5	0	16741.41423	0	3.639477	0	0	3.639477	0.005975	0	0	0.005975	0.003696	0.018233	0.027905	0.006246	0	0	0.006246	0.014785	0.052095	0.073126	719.6003	0	0	719.6003	0.002583
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Electricity	49.8112324	2525.642	0	2525.642	199.2449296	5189.819	0	0	0	0	0	0	0	0	9.4E-06	4.11E-05	5.05E-05	0	0	0	0	3.76E-05	0.000117	0.000155	0	0	0	0	0
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Natural Gas	7295.495736	794561.2	794561.2	0	29181.98294	0	3.782948	0	0	3.782948	0.004136	0	0	0.004136	0.006995	0.033612	0.044743	0.004323	0	0	0.004323	0.027979	0.096033	0.128335	1829.907	0	0	1829.907	3.270166
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Gasoline	638.8994511	21130.71	21130.71	0	12783.10022	0	0.28569	0	0.008529	0.294219	0.000241	0	0.000111	0.000351	0.000116	0.00088	0.001348	0.000255	0	0.000117	0.000372	0.000466	0.002513	0.003351	61.72559	0	1.553799	63.27939	0.014612
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Diesel	274958.1548	40169432	40169432	0	4302855.539	0	258.4256	24.61049	6.360186	289.3963	5.212156	0.089312	0	5.301468	0.392694	1.321832	7.015994	5.447826	0.093351	0	5.541177	1.570777	3.776663	10.88862	73447.47	4153.069	0	77600.54	0.381821
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Natural Gas	9660.106486	752825.9	752825.9	0	71365.01382	0	1.949028	0.136254	0	2.085282	0.003242	0.000141	0	0.003383	0.007469	0.043168	0.05402	0.003526	0.000153	0	0.003679	0.029875	0.123336	0.15689	1215.582	97.7253	0	1313.307	2.608616
Statewide Totals	2017	LDA	Aggregate	Aggregate	Gasoline	14039797.36	5.22E+08	5.22E+08	0	65699639.57	0	59.59438	0	27.13025	86.72463	0.876627	0	0.173142	1.049769	1.151186	1.55117	3.752126	0.952937	0	0.188057	1.140994	4.604744	4.431915	10.17765	181211.4	0	5792.579	187004	3.497513
Statewide Totals	2017	LDA	Aggregate	Aggregate	Diesel	69213.45481	2239072	2239072	0	305036.3502	0	1.053823	0	0	1.053823	0.079434	0	0	0.079434	0.004936	0.006576	0.090946	0.083026	0	0	0.083026	0.019745	0.018789	0.121559	632.0894	0	0	632.0894	0.005908
Statewide Totals	2017	LDA	Aggregate	Aggregate	Electricity	159245.458	5584437	0	5584437	809104.5382	2156054	0	0	0	0	0	0	0	0	0.012312	0.009392	0.021703	0	0	0	0	0.049246	0.026834	0.07608	0	0	0	0	0
Statewide Totals	2017	LDA	Aggregate	Aggregate	Plug-in Hybrid	133638.9511	6306044	3417065	2888979	552597.0629	872557.7	0.025097	0	0.068971	0.094068	0.005838	0	0.001388	0.007226	0.013902	0.009463	0.030592	0.00635	0	0.001509	0.007859	0.05561	0.027037	0.090506	1087.535	0	42.115	1129.65	0.003737
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Gasoline	1521398.898	50202273	50202273	0	6771081.246	0	16.64759	0	4.410398	21.05799	0.172395	0	0.03276	0.205156	0.110677	0.180495	0.496328	0.187172	0	0.035547	0.222719	0.442709	0.515701	1.181129	20448.87	0	752.31	21201.18	0.906102
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Diesel	2534.798998	49275.69	49275.69	0	8985.516995	0	0.074612	0	0	0.074612	0.009203	0	0	0.009203	0.000109	0.000199	0.009511	0.009619	0	0	0.009619	0.000435	0.000569	0.010623	24.95794	0	0	24.95794	0.000585
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Electricity	2171.331984	60500.66	0	60500.66	10204.97535	23358.25	0	0	0	0	0	0	0	0	0.000133	0.000103	0.000236	0	0	0	0	0.000534	0.000293	0.000826	0	0	0	0	0
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Plug-in Hybrid	19.15487003	948.4149	513.9189	434.4959	79.20538757	131.2307	3.8E-06	0	9.93E-06	1.37E-05	1.13E-06	0	2.64E-07	1.39E-06	2.09E-06	1.42E-06	4.9E-06	1.23E-06	0	2.87E-07	1.51E-06	8.36E-06	4.06E-06	1.39E-05	0.163712	0	0.006866	0.170578	5.66E-07
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Gasoline	5407712.416	1.95E+08	1.95E+08	0	25120589.75	0	48.11812	0	18.4313	66.54942	0.361808	0	0.068214	0.430023	0.43024	0.686709	1.546972	0.393112	0	0.074095	0.467206	1.72096	1.962027	4.150193	87978.18	0	2918.947	90897.13	1.859319
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Diesel	16702.81607	704904.4	704904.4	0	81500.26161	0	0.091429	0	0	0.091429	0.010944	0	0	0.010944	0.001554	0.002283	0.014781	0.011439	0	0	0.011439	0.006216	0.006523	0.024178	270.0594	0	0	270.0594	0.00105
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Electricity	694.1115386	18851.3	0	18851.3	3274.306045	7278.158	0	0	0	0	0	0	0	0	4.16E-05	3.19E-05	7.35E-05	0	0	0	0	0.000166	9.12E-05	0.000257	0	0	0	0	0
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Plug-in Hybrid	737.1347945	34853.87	18886.32	15967.56	3048.052375	4822.678	0.000139	0	0.000381	0.00052	3.72E-05	0	9.08E-06	4.63E-05	7.68E-05	5.22E-05	0.000175	4.05E-05	0	9.88E-06	5.03E-05	0.000307	0.000149	0.000507	6.006623	0	0.290089	6.296713	2.06E-05
Statewide Totals	2017	LHDT1	Aggregate	Aggregate	Gasoline	548014.0369	19075612	19075612	0	8164592.608	0	8.124934	0.025072	6.414152	14.56416	0.043483	0	0.006264	0.049747	0.042055	0.574044	0.665846	0.047147	0	0.006756	0.053903	0.168218	1.640126	1.862248	18241.71	75.20928	227.8074	18544.73	0.378207
Statewide Totals	2017	LHDT1	Aggregate	Aggregate	Diesel	395440.7124	14437838	14437838	0	4974146.697	0	55.03115	1.10909	0	56.14024	0.899548	0.012086	0	0.911634	0.047745	0.434479	1.393859	0.940222	0.012633	0	0.952855	0.19098	1.241369	2.385204	9528.495	61.679	0	9590.174	0.18218
Statewide Totals	2017	LHDT2	Aggregate	Aggregate	Gasoline	77394.04322	2649365	2649365	0	1153055.927	0	1.019034	0.003567	0.913317	1.935918	0.004635	0	0.000575	0.00521	0.005841	0.093016	0.104066	0.005039	0	0.000625	0.005664	0.023363	0.265759	0.294786	2835.688	12.27408	34.00044	2881.962	0.038185
Statewide Totals	2017	LHDT2	Aggregate	Aggregate	Diesel	127697.0151	4850527	4850527	0	1606267.807	0	14.45747	0.35775	0	14.81522	0.256503	0.003802	0	0.260305	0.01604	0.170295	0.446641	0.268101	0.003974	0	0.272075	0.064161	0.486558	0.822795	3931.007	31.83162	0	3962.839	0.052283
Statewide Totals	2017	MCY	Aggregate	Aggregate	Gasoline	712947.6691	4175209	4175209	0	1425895.338	0	3.383731	0	0.309481	3.693211	0.008877	0	0.007143	0.016019	0.004602	0.01933	0.039952	0.009415	0	0.00753	0.016945	0.01841	0.055229	0.090583	915.0603	0	93.25217	1008.312	1.051769
Statewide Totals	2017	MDV	Aggregate	Aggregate	Gasoline	4251622.703	1.46E+08	1.46E+08	0	19543386.36	0	46.67378	0	17.76958	64.44336	0.278428	0	0.059422	0.337851	0.322948	0.521712	1.182511	0.302212	0	0.064476	0.366688	1.291793	1.490605	3.149087	79003	0	2706.618	81709.61	1.841454
Statewide Totals	2017	MDV	Aggregate	Aggregate	Diesel	49970.92801	2059917	2059917	0	243613.5973	0	0.295045	0	0	0.295045	0.021299	0	0	0.021299	0.004541	0.006676	0.032516	0.022262	0	0	0.022262	0.018165	0.019073	0.0595	1024.366	0	0	1024.366	0.002032
Statewide Totals	2017	MDV	Aggregate	Aggregate	Electricity	399.9268403	8129.677	0	8129.677	1734.656194	3138.726	0	0	0	0	0	0	0	0	1.79E-05	1.39E-05	3.18E-05	0	0	0	0	7.17E-05	3.97E-05	0.000111	0	0	0	0	0
Statewide Totals	2017	MDV	Aggregate	Aggregate	Plug-in Hybrid	4703.243214	225486.9	122184.9	103302	19447.91069	31200.28	0.000893	0	0.00243	0.003323	0.000255	0	6.22E-05	0.000317	0.000497	0.000336	0.00115	0.000277	0	6.76E-05	0.000345	0.001988	0.00096	0.003293	38.71745	0	2.224078	40.94153	0.000132
Statewide Totals	2017	MH	Aggregate	Aggregate	Gasoline	119897.9339	987531.3	987531.3	0	11994.58931	0	0.930791	0	0.004921	0.935712	0.002848	0	1.26E-05	0.002861	0.003266	0.016811	0.022938	0.003076	0	1.35E-05	0.00309	0.013063	0.048032	0.064185	2037.756	0	0.479432	2038.236	0.04407
Statewide Totals	2017	MH	Aggregate	Aggregate	Diesel	34637.82511	331543	331543	0	3463.782511	0	1.958466	0	0	1.958466	0.055935	0	0	0.055935	0.001462	0.005624	0.063021	0.058464	0	0	0.058464	0.005847	0.016068	0.08038	382.1523	0	0	382.1523	0.002044
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Gasoline	56515.30028	2690514	2690514	0	1130758.128	0	3.633339	0.005425	0.618673	4.257437	0.005306	0	0.001807	0.007112	0.008897	0.045653	0.061663	0.00573	0	0.001929	0.00766	0.035589	0.130437	0.173686	5378.137	34.93189	69.99551	5483.064	0.131604
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Diesel	275936.339	11695011	11695011	0	3294421.89	0	69.12591	9.571837	2.18408	80.88182	1.980754	0.071013	0	2.051767	0.038675	0.199993	2.290435	2.070315	0.074224	0	2.144539	0.154699	0.571409	2.870647	14833.96	754.2857	0	15588.24	0.163884
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Natural Gas	1245.790093	66148.5	66148.5	0	12267.49344	0	0.01353	0.008944	0	0.022474	4.49E-05	1.71E-05	0	6.2E-05	0.000219	0.001129	0.00141	4.88E-05	1.86E-05	0	6.74E-05	0.000875	0.003226	0.004169	66.47121	6.715672	0	73.18688	0.040576
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Gasoline	17228.35347	853063	853063	0	344704.8962	0	0.87011	0.001228	0.161354	1.032692	0.000792	0	0.000165	0.000956	0.002821	0.014586	0.018364	0.000859	0	0.000177	0.001035	0.011284	0.041676	0.053995	1713.218	7.422376	13.18333	1733.823	0.024444
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Diesel	11023.13964	739810.9	739810.9	0	131433.3028	0	5.874453	0.369376	0.090731	6.33456	0.250725	0.003823	0	0.254548	0.002447	0.017662	0.274656	0.262062	0.003996	0	0.266057	0.009786	0.050462	0.326305	1143.857	35.98161	0	1179.839	0.02461
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Natural Gas	409.800361	27512.41	27512.41	0	3647.223213	0	0.006563	0.000714	0	0.007278	1.56E-05	1.28E-06	0	1.68E-05	9.1E-05	0.000472	0.00058	1.69E-05	1.4E-06	0	1.83E-05	0.000364	0.001349	0.001731	28.60386	0.538664	0	29.14252	0.017009
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Gasoline	5541.309015	272388.2	272388.2	0	22165.23606	0	0.417045	0.005517	0.014967	0.437528	0.001188	0	4.7E-05	0.001235	0.000601	0.004801	0.006636	0.001274	0	5.03E-05	0.001324	0.002402	0.013717	0.017444	270.8297	16.42339	1.656975	288.9101	0.027524
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Diesel	19823.55868	471124.7	471124.7	0	287045.1297	0	4.148071	0.669485	0.072802	4.890358	0.025323	0.001102	0	0.026426	0.001558	0.008263	0.036247	0.026468	0.001152	0	0.027621	0.006232	0.02361	0.057462	629.1494	50.49525	0	679.6446	0.002767
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Natural Gas	2797.441301	74874.85	74874.85	0	40506.95003	0	0.083223	0.016417	0	0.09964	0.000328	3.11E-05	0	0.000359	0.000248	0.001342	0.001948	0.000356	3.38E-05	0	0.00039	0.00099	0.003834	0.005215	139.8296	12.49676	0	152.3263	0.405667
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Gasoline	2798.583051	241668.4	241668.4	0	11194.33221	0	0.046994	0	0.010935	0.057929	0.000156	0	3.05E-06	0.000159	0.000674	0.009426	0.01026	0.000169	0	3.32E-06	0.000173	0.002698	0.026933	0.029803	403.3199	0	1.055017	404.3749	0.001126
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Diesel	3981.042469	400479.9	400479.9	0	15924.16988	0	2.716466	0	0	2.716466	0.005157	0	0	0.005157	0.003462	0.016926	0.025545	0.005391	0	0	0.005391	0.013847	0.048359	0.067597	649.2528	0	0	649.2528	0.002289
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Electricity	95.99695539	5140.267	0	5140.267	383.9878216	10091.08	0	0	0	0	0	0	0	0	3.48E-05	9.62E-05	0.000131	0	0	0	0	0.000139	0.000275	0.000414	0	0	0	0	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Natural Gas	7228.344504	806282.3	806282.3	0	28913.37802	0	2.806705	0	0	2.806705	0.002714	0	0	0.002714	0.007129	0.034099	0.043942	0.002836	0	0	0.002836	0.028516	0.097427	0.128779	1911.333	0	0	1911.333	2.867791
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Gasoline	572.9555857	19463.63	19463.63	0	11463.69536	0	0.249413	0	0.008422	0.257835	0.000194	0	8.45E-05	0.000279	0.000107	0.000801	0.001187	0.000206	0	8.92E-05	0.000296	0.000429	0.002289	0.003014	55.71824	0	1.252476	56.97072	0.013277
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Diesel	283895.5888	39174308	39174308	0	4484968.054	0	220.3201	25.63125	7.692249	253.6436	4.375748	0.076772	0	4.45252	0.382955	1.265211	6.100686	4.5736	0.080243	0	4.653843	1.531821	3.614889	9.800553	71729.91	4463.789	0	76193.7	0.312099
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Natural Gas	10970.98666	812391.1	812391.1	0	80762.11705	0	1.812116	0.152639	0	1.964755	0.003135	0.000175	0	0.00331	0.00806	0.046185	0.057554	0.00341	0.00019	0	0.0036	0.032238	0.131956	0.167794	1280.902	110.8093	0	1391.711	2.506814
Statewide Totals	2018	LDA	Aggregate	Aggregate	Gasoline	13941722.43	5.19E+08	5.19E+08	0	65176045.58	0	51.14149	0	25.17749	76.31898	0.869924	0	0.170124	1.040048	1.143672	1.539758	3.723478	0.945864	0	0.184882	1.130746	4.574688	4.399309	10.10474	177659.3	0	5629.907	183289.2	2.989642
Statewide Totals	2018	LDA	Aggregate	Aggregate	Diesel	61467.65632	1934627	1934627	0	268007.035	0	0.917137	0	0	0.917137	0.06762	0	0	0.06762	0.004265	0.005685	0.07757	0.070677	0	0	0.070677	0.017061	0.016243	0.10398	543.2866	0	0	543.2866	0.005054
Statewide Totals	2018	LDA	Aggregate	Aggregate	Electricity	215328.9854	7904342	0	7904342	1093103.202	3051728	0	0	0	0	0	0	0	0	0.017426	0.013295	0.030721	0	0	0	0	0.069704	0.037985	0.107689	0	0	0	0	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Plug-in Hybrid	170226.3331	7961285	4313993	3647292	703885.8872	1101591	0.031633	0	0.087863	0.119496	0.007989	0	0.001932	0.009921	0.017552	0.011947	0.039421	0.008689	0	0.002102	0.01079	0.070207	0.034136	0.115133	1369.319	0	53.38507	1422.704	0.004698
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Gasoline	1489629.168	49263752	49263752	0	6627585.669	0	14.60076	0	4.083729	18.68448	0.157564	0	0.029921	0.187484	0.108608	0.177002	0.473094	0.171211	0	0.032502	0.203712	0.434432	0.505719	1.143864	19820.28	0	719.458	20539.74	0.774521
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Diesel	2393.401439	45628.07	45628.07	0	8378.821923	0	0.068746	0	0	0.068746	0.008473	0	0	0.008473	0.000101	0.000186	0.00876	0.008856	0	0	0.008856	0.000402	0.00053	0.009789	23.13822	0	0	23.13822	0.00054
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Electricity	2045.200735	57179.57	0	57179.57	9482.318647	22076.03	0	0	0	0	0	0	0	0	0.000126	9.71E-05	0.000223	0	0	0	0	0.000504	0.000277	0.000782	0	0	0	0	0
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Plug-in Hybrid	19.73876113	945.9266	512.5706	433.356	81.61977727	130.8864	3.78E-06	0	1.02E-05	1.4E-05	1.12E-06	0	2.72E-07	1.39E-06	2.09E-06	1.42E-06	4.89E-06	1.22E-06	0	2.96E-07	1.51E-06	8.34E-06	4.05E-06	1.39E-05	0.16259	0	0.007067	0.169657	5.59E-07
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Gasoline	5563436.713	2.03E+08	2.03E+08	0	25889042.91	0	42.29674	0	17.14366	59.4404	0.372668	0	0.069179	0.441847	0.446835	0.710212	1.598894	0.405083	0	0.075182	0.480265	1.787341	2.029177	4.296782	89359.38	0	2922.122	92281.5	1.637495
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Diesel	18603.81227	785585.1	785585.1	0	90804.35377	0	0.086669	0	0	0.086669	0.010375	0	0	0.010375	0.001732	0.002543	0.01465	0.010844	0	0	0.010844	0.006928	0.007265	0.025037	296.7089	0	0	296.7089	0.001046
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Electricity	575.8117591	15369.65	0	15369.65	2717.022356	5933.954	0	0	0	0	0	0	0	0	3.39E-05	2.61E-05	5.99E-05	0	0	0	0	0.000136	7.45E-05	0.00021	0	0	0	0	0
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Plug-in Hybrid	2049.865376	99024.15	53658.36	45365.79	8476.193331	13701.82	0.000395	0	0.001059	0.001454	0.000117	0	2.8E-05	0.000145	0.000218	0.000148	0.000512	0.000127	0	3.05E-05	0.000158	0.000873	0.000424	0.001455	17.05576	0	0.794506	17.85027	5.88E-05
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Gasoline	552302.3709	19542011	19542011	0	8228482.396	0	7.28893	0.025073	6.469034	13.78304	0.04005	0	0.005238	0.045288	0.043083	0.58808	0.67645	0.04348	0	0.005667	0.049147	0.172331	1.680228	1.901706	18283.84	75.32219	233.1737	18592.33	0.322085
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Diesel	397993.4043	14475025	14475025	0	5006256.35	0	50.99393	1.097155	0	52.09109	0.846789	0.012074	0	0.858863	0.047868	0.435598	1.34233	0.885077	0.01262	0	0.897697	0.191472	1.244567	2.333736	9555.364	61.63811	0	9617.002	0.173924
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Gasoline	78487.75591	2702307	2702307	0	1169350.616	0	0.93452	0.003592	0.922516	1.860628	0.004466	0	0.000533	0.004999	0.005958	0.094874	0.105831	0.004856	0	0.000579	0.005435	0.02383	0.271069	0.300335	2836.043	12.38314	34.25525	2882.682	0.03467
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Diesel	131186.983	4974951	4974951	0	1650167.213	0	13.48276	0.359495	0	13.84225	0.244155	0.003887	0	0.248042	0.016452	0.174664	0.439157	0.255194	0.004063	0	0.259257	0.065807	0.499039	0.824103	4012.489	32.44197	0	4044.931	0.050651
Statewide Totals	2018	MCY	Aggregate	Aggregate	Gasoline	695309.6063	4057326	4057326	0	1390619.213	0	3.165533	0	0.287096	3.45263	0.008518	0	0.006472	0.01499	0.004472	0.018784	0.038247	0.00905	0	0.006832	0.015881	0.01789	0.053669	0.08744	882.8494	0	88.18065	971.0301	0.978764
Statewide Totals	2018	MDV	Aggregate	Aggregate	Gasoline	4326880.297	1.5E+08	1.5E+08	0	19878720.44	0	42.26802	0	16.74469	59.01271	0.281939	0	0.058996	0.340935	0.329947	0.531172	1.202054	0.306178	0	0.064049	0.370226	1.319788	1.517634	3.207648	79369	0	2697.664	82066.66	1.660282
Statewide Totals	2018	MDV	Aggregate	Aggregate	Diesel	53592.43997	2201750	2201750	0	260697.593	0	0.274336	0	0	0.274336	0.020619	0	0	0.020619	0.004854	0.007169	0.032642	0.021551	0	0	0.021551	0.019416	0.020482	0.061449	1080.535	0	0	1080.535	0.002031
Statewide Totals	2018	MDV	Aggregate	Aggregate	Electricity	389.46343	7659.823	0	7659.823	1669.966194	2957.324	0	0	0	0	0	0	0	0	1.69E-05	1.31E-05	3E-05	0	0	0	0	6.75E-05	3.75E-05	0.000105	0	0	0	0	0
Statewide Totals	2018	MDV	Aggregate	Aggregate	Plug-in Hybrid	10002.95578	477765.9	258887.7	218878.2	41362.22217	66107.75	0.00189	0	0.005168	0.007058	0.000563	0	0.000138	0.000701	0.001053	0.000712	0.002466	0.000612	0	0.00015	0.000762	0.004213	0.002034	0.007009	81.82915	0	4.703959	86.53311	0.000279
Statewide Totals	2018	MH	Aggregate	Aggregate	Gasoline	117354.3805	989500.1	989500.1	0	11740.13223	0	0.822385	0	0.004877	0.827262	0.002472	0	9.94E-06	0.002482	0.003272	0.01684	0.022593	0.002676	0	1.07E-05	0.002686	0.013089	0.048113	0.063888	2036.034	0	0.448006	2036.482	0.036268
Statewide Totals	2018	MH	Aggregate	Aggregate	Diesel	36044.02755	347874	347874	0	3604.402755	0	1.921505	0	0	1.921505	0.053262	0	0	0.053262	0.001534	0.005901	0.060696	0.05567	0	0	0.05567	0.006135	0.016859	0.078665	401.4293	0	0	401.4293	0.00205
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Gasoline	55429.29566	2648243	2648243	0	1109029.348	0	3.235761	0.005336	0.592464	3.83356	0.004796	0	0.001514	0.006309	0.008758	0.044943	0.06001	0.005187	0	0.001621	0.006808	0.03503	0.12841	0.170249	5253.314	34.10176	66.00297	5353.419	0.115403
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Diesel	276404.7204	11405354	11405354	0	3292791.987	0	61.14776	9.103494	2.52979	72.78104	1.713554	0.062348	0	1.775902	0.037717	0.194981	2.0086	1.791033	0.065168	0	1.856201	0.150867	0.557089	2.564157	14441.97	750.8424	0	15192.82	0.141971
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Natural Gas	1601.916774	86866.14	86866.14	0	15097.62675	0	0.01484	0.011643	0	0.026483	7.8E-05	2.53E-05	0	0.000103	0.000287	0.001489	0.001879	8.49E-05	2.75E-05	0	0.000112	0.001149	0.004253	0.005515	88.84856	9.03323	0	97.88179	0.057468
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Gasoline	16298.82103	791703.8	791703.8	0	326106.8111	0	0.722618	0.001163	0.150779	0.874559	0.000723	0	0.000146	0.000869	0.002618	0.013534	0.017022	0.000785	0	0.000157	0.000942	0.010472	0.03867	0.050084	1578.978	6.991935	12.21547	1598.185	0.020395
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Diesel	10796.96569	719269.3	719269.3	0	130011.7147	0	5.188707	0.333277	0.110384	5.632368	0.226238	0.00317	0	0.229408	0.002379	0.016916	0.248703	0.236467	0.003314	0	0.239781	0.009514	0.048332	0.297627	1119.507	35.83357	0	1155.34	0.022277
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Natural Gas	473.0343057	30521.82	30521.82	0	4210.005321	0	0.006715	0.000822	0	0.007537	2.07E-05	1.56E-06	0	2.22E-05	0.000101	0.000524	0.000648	2.25E-05	1.69E-06	0	2.42E-05	0.000404	0.001498	0.001926	31.83305	0.625076	0	32.45813	0.019476
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Gasoline	7125.1765	356985.4	356985.4	0	28500.706	0	0.534079	0.007099	0.019117	0.560294	0.001633	0	6.6E-05	0.001699	0.000787	0.006291	0.008777	0.001749	0	7.05E-05	0.001819	0.003148	0.017974	0.022942	352.5178	20.96234	2.077138	375.5573	0.038256
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Diesel	19788.58879	444889.1	444889.1	0	286538.7657	0	3.440775	0.624637	0.094198	4.15961	0.020521	0.000912	0	0.021433	0.001471	0.0078	0.030704	0.021449	0.000953	0	0.022402	0.005885	0.022287	0.050574	589.8412	50.2359	0	640.0771	0.002321
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Natural Gas	3450.251199	88711.26	88711.26	0	49959.63736	0	0.088879	0.020159	0	0.109037	0.000385	4.05E-05	0	0.000425	0.000293	0.001587	0.002305	0.000418	4.41E-05	0	0.000462	0.001173	0.004533	0.006169	161.0279	15.55073	0	176.5786	0.454214
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Gasoline	2722.663337	236499.8	236499.8	0	10890.65335	0	0.047603	0	0.010642	0.058245	0.000192	0	3.47E-06	0.000195	0.000669	0.009284	0.010148	0.000209	0	3.77E-06	0.000212	0.002675	0.026525	0.029412	408.2405	0	1.028516	409.269	0.001142
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Diesel	4065.703012	404503.8	404503.8	0	16262.81205	0	2.085822	0	0	2.085822	0.004507	0	0	0.004507	0.003494	0.017118	0.025119	0.004711	0	0	0.004711	0.013975	0.048909	0.067595	633.619	0	0	633.619	0.002147
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Electricity	129.4599298	6549.82	0	6549.82	517.8397193	12855.68	0	0	0	0	0	0	0	0	4.94E-05	0.00013	0.00018	0	0	0	0	0.000198	0.000372	0.00057	0	0	0	0	0
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Natural Gas	7288.064338	827479.9	827479.9	0	29152.25735	0	2.474173	0	0	2.474173	0.002398	0	0	0.002398	0.007287	0.03496	0.044645	0.002507	0	0	0.002507	0.029147	0.099886	0.13154	1962.645	0	0	1962.645	2.665761
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Gasoline	548.3252601	17123.86	17123.86	0	10970.8918	0	0.253839	0	0.012809	0.266648	0.000158	0	6.55E-05	0.000223	9.44E-05	0.000707	0.001025	0.000168	0	6.95E-05	0.000238	0.000378	0.002021	0.002636	48.98904	0	1.03843	50.02747	0.011396
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Diesel	270487.6715	39244412	39244412	0	4305247.412	0	189.9676	24.8403	8.411813	223.2197	3.51859	0.063599	0	3.582189	0.383631	1.244806	5.210626	3.677685	0.066475	0	3.744159	1.534525	3.55659	8.835274	71902.01	4446.354	0	76348.36	0.251436
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Natural Gas	11888.23563	882260	882260	0	85885.46948	0	1.724166	0.157223	0	1.881389	0.003065	0.000193	0	0.003258	0.008753	0.049943	0.061953	0.003333	0.00021	0	0.003543	0.035011	0.142694	0.181247	1364.029	118.8441	0	1482.873	2.486156
Statewide Totals	2019	LDA	Aggregate	Aggregate	Gasoline	13805991.12	5.14E+08	5.14E+08	0	64465681.77	0	43.89692	0	23.41578	67.31271	0.859137	0	0.164746	1.023883	1.132169	1.522679	3.67873	0.93434	0	0.179148	1.113488	4.528676	4.350511	9.992675	174107.7	0	5470.097	179577.8	2.550267
Statewide Totals	2019	LDA	Aggregate	Aggregate	Diesel	61677.7709	1970023	1970023	0	270318.5226	0	0.775647	0	0	0.775647	0.057226	0	0	0.057226	0.004343	0.005784	0.067353	0.059813	0	0	0.059813	0.017373	0.016527	0.093712	545.0605	0	0	545.0605	0.004385
Statewide Totals	2019	LDA	Aggregate	Aggregate	Electricity	298490.1716	10042319	0	10042319	1515442.813	3877164	0	0	0	0	0	0	0	0	0.02214	0.016891	0.039031	0	0	0	0	0.088558	0.048261	0.136819	0	0	0	0	0
Statewide Totals	2019	LDA	Aggregate	Aggregate	Plug-in Hybrid	199593.4251	9159192	4942175	4217016	825318.813	1273665	0.036193	0	0.103034	0.139227	0.00945	0	0.002355	0.011805	0.020193	0.01375	0.045748	0.010278	0	0.002561	0.012839	0.08077	0.039286	0.132895	1568.184	0	62.4305	1630.614	0.005353
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Gasoline	1540249.409	49062095	49062095	0	6750703.06	0	15.07621	0	4.343943	19.42015	0.15883	0	0.03075	0.18958	0.108163	0.178059	0.475802	0.172695	0	0.033431	0.206126	0.432654	0.50874	1.14752	19744.23	0	737.0302	20481.26	0.777967
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Diesel	1159.941843	17322.6	17322.6	0	3632.448983	0	0.030691	0	0	0.030691	0.004726	0	0	0.004726	3.82E-05	7.15E-05	0.004836	0.00494	0	0	0.00494	0.000153	0.000204	0.005297	8.179199	0	0	8.179199	0.000281

Statewide Totals	2019	LDT1	Aggregate	Aggregate	Electricity	1927.155686	48925.31	0	48925.31	8931.632161	18889.21	0	0	0	0	0	0	0	0	0.000108	8.31E-05	0.000191	0	0	0	0	0.000431	0.000237	0.000669	0	0	0	0	0
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Plug-in Hybrid	13.04134884	603.2057	326.8599	276.3457	53.92597746	83.46465	2.42E-06	0	6.77E-06	9.19E-06	7.13E-07	0	1.8E-07	8.93E-07	1.33E-06	9.05E-07	3.13E-06	7.76E-07	0	1.96E-07	9.71E-07	5.32E-06	2.58E-06	8.88E-06	0.103682	0	0.004673	0.108355	3.55E-07
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Gasoline	5806444.31	2.15E+08	2.15E+08	0	27151190.2	0	34.26621	0	15.48995	49.75616	0.381207	0	0.068959	0.450165	0.474106	0.749906	1.674177	0.414523	0	0.07498	0.489502	1.896423	2.142588	4.528514	92643.35	0	2958.361	95601.71	1.337499
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Diesel	16976.17507	695892.4	695892.4	0	82400.52617	0	0.070996	0	0	0.070996	0.007219	0	0	0.007219	0.001534	0.002325	0.011078	0.007545	0	0	0.007545	0.006137	0.006642	0.020324	263.3738	0	0	263.3738	0.000797
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Electricity	791.1012126	25990.6	0	25990.6	3983.134711	10034.52	0	0	0	0	0	0	0	0	5.73E-05	4.37E-05	0.000101	0	0	0	0	0.000229	0.000125	0.000354	0	0	0	0	0
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Plug-in Hybrid	7171.642053	350497.5	186203.4	164294.1	29654.73989	49621.71	0.00137	0	0.003705	0.005075	0.000405	0	9.81E-05	0.000503	0.000773	0.000527	0.001802	0.00044	0	0.000107	0.000547	0.003091	0.001505	0.005143	59.26554	0	2.696712	61.96225	0.000204
Statewide Totals	2019	LHDT1	Aggregate	Aggregate	Gasoline	575267.6354	19677546	19677546	0	8570630.619	0	7.205443	0.025982	6.740196	13.97162	0.038301	0	0.004899	0.0432	0.043382	0.592158	0.67874	0.041612	0	0.005311	0.046923	0.173526	1.691881	1.91233	18474.45	78.39304	242.034	18794.88	0.308156
Statewide Totals	2019	LHDT1	Aggregate	Aggregate	Diesel	397713.8244	14323725	14323725	0	5002739.587	0	47.67494	1.073311	0	48.74825	0.794913	0.012055	0	0.806968	0.047368	0.431045	1.28538	0.830855	0.0126	0	0.843455	0.18947	1.231558	2.264483	9443.381	61.12097	0	9504.502	0.165387
Statewide Totals	2019	LHDT2	Aggregate	Aggregate	Gasoline	81302.72932	2839782	2839782	0	1211289.526	0	0.860538	0.00367	0.942338	1.806546	0.004415	0	0.000492	0.004907	0.006261	0.099701	0.110869	0.004801	0	0.000535	0.005337	0.025043	0.284859	0.315239	2917.656	12.76806	35.23953	2965.664	0.030849
Statewide Totals	2019	LHDT2	Aggregate	Aggregate	Diesel	138980.5953	5312960	5312960	0	1748201.051	0	12.7	0.369138	0	13.06914	0.236576	0.004082	0	0.240658	0.01757	0.186531	0.444759	0.247273	0.004267	0	0.25154	0.070278	0.532945	0.854763	4264.361	34.02834	0	4298.389	0.050089
Statewide Totals	2019	MCY	Aggregate	Aggregate	Gasoline	691332.8747	4003124	4003124	0	1382665.749	0	3.03007	0	0.273447	3.303517	0.008388	0	0.006073	0.014461	0.004413	0.018533	0.037407	0.008923	0	0.006418	0.015342	0.017651	0.052952	0.085945	868.0198	0	85.61793	953.6378	0.932884
Statewide Totals	2019	MDV	Aggregate	Aggregate	Gasoline	4248475.272	1.48E+08	1.48E+08	0	19528149.74	0	36.99604	0	15.14733	52.14337	0.27771	0	0.057225	0.334935	0.326354	0.522942	1.184232	0.301679	0	0.062147	0.363826	1.305418	1.49412	3.163364	77114.51	0	2595.31	79709.82	1.459766
Statewide Totals	2019	MDV	Aggregate	Aggregate	Diesel	64326.54136	2601267	2601267	0	310926.6688	0	0.413339	0	0	0.413339	0.026086	0	0	0.026086	0.005735	0.008575	0.040396	0.027266	0	0	0.027266	0.022939	0.024499	0.074705	1274.317	0	0	1274.317	0.002556
Statewide Totals	2019	MDV	Aggregate	Aggregate	Electricity	173.775767	3967.141	0	3967.141	766.8841398	1531.644	0	0	0	0	0	0	0	0	8.75E-06	6.76E-06	1.55E-05	0	0	0	0	3.5E-05	1.93E-05	5.43E-05	0	0	0	0	0
Statewide Totals	2019	MDV	Aggregate	Aggregate	Plug-in Hybrid	11811.48759	552853	298597.3	254255.6	48840.50119	76792.78	0.002174	0	0.006104	0.008278	0.000648	0	0.000164	0.000812	0.001219	0.000824	0.002854	0.000705	0	0.000178	0.000883	0.004875	0.002353	0.008111	94.2493	0	5.531466	99.78077	0.000319
Statewide Totals	2019	MH	Aggregate	Aggregate	Gasoline	113280.6603	960857.2	960857.2	0	11332.59726	0	0.72493	0	0.004785	0.729715	0.002185	0	8.31E-06	0.002193	0.003177	0.016345	0.021716	0.002368	0	8.96E-06	0.002377	0.01271	0.0467	0.061787	1977.721	0	0.42201	1978.143	0.030516
Statewide Totals	2019	MH	Aggregate	Aggregate	Diesel	35851.861	338280.4	338280.4	0	3585.1861	0	1.833488	0	0	1.833488	0.050515	0	0	0.050515	0.001492	0.005736	0.057742	0.052799	0	0	0.052799	0.005966	0.016389	0.075154	390.1215	0	0	390.1215	0.001996
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Gasoline	59029.30274	2833589	2833589	0	1181058.289	0	3.014882	0.005701	0.613334	3.633916	0.004644	0	0.001355	0.005999	0.00937	0.048066	0.063435	0.00503	0	0.001456	0.006486	0.037482	0.137331	0.181299	5591.2	36.23857	67.75397	5695.192	0.106227
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Diesel	276258.4137	11442537	11442537	0	3265874.411	0	53.53498	8.559144	2.941341	65.03546	1.411497	0.053151	0	1.464648	0.03784	0.195537	1.698024	1.475319	0.055554	0	1.530872	0.151359	0.558676	2.240908	14454.36	747.7016	0	15202.06	0.121631
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Natural Gas	1765.567761	89908.57	89908.57	0	16375.36633	0	0.014557	0.012872	0	0.027429	8.44E-05	2.95E-05	0	0.000114	0.000297	0.001541	0.001952	9.17E-05	3.21E-05	0	0.000124	0.001189	0.004402	0.005715	92.07747	10.16608	0	102.2435	0.05981
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Gasoline	15836.48051	762289.1	762289.1	0	316856.302	0	0.628727	0.001131	0.144351	0.774208	0.000697	0	0.000125	0.000822	0.002521	0.013029	0.016372	0.000757	0	0.000135	0.000892	0.010083	0.037225	0.048201	1512.362	6.774849	11.63579	1530.773	0.01767
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Diesel	10405.24595	717602.8	717602.8	0	120963.8089	0	4.602099	0.269848	0.113007	4.984953	0.194152	0.00241	0	0.196562	0.002373	0.016711	0.215647	0.202931	0.002519	0	0.20545	0.009492	0.047747	0.262689	1120.121	30.68567	0	1150.807	0.019608
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Natural Gas	517.7037031	34449.69	34449.69	0	4607.562958	0	0.007241	0.000898	0	0.008139	2.46E-05	1.74E-06	0	2.64E-05	0.000114	0.000591	0.000731	2.68E-05	1.89E-06	0	2.87E-05	0.000456	0.001688	0.002172	35.66549	0.684432	0	36.34992	0.021997
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Gasoline	6993.405177	351270.7	351270.7	0	27973.62071	0	0.508466	0.006983	0.018805	0.534254	0.001347	0	5.25E-05	0.001399	0.000774	0.006191	0.008365	0.00145	0	5.64E-05	0.001506	0.003098	0.017689	0.022293	343.6745	20.49879	1.992712	366.166	0.032358
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Diesel	19655.92582	442821.5	442821.5	0	284617.8059	0	3.301434	0.604477	0.099198	4.00511	0.019481	0.000913	0	0.020394	0.001464	0.007762	0.029621	0.020361	0.000955	0	0.021316	0.005858	0.022178	0.049352	586.2098	49.55493	0	635.7648	0.002293
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Natural Gas	3581.074171	92654.1	92654.1	0	51853.954	0	0.086756	0.020803	0	0.107559	0.000402	4.49E-05	0	0.000447	0.000306	0.001658	0.002411	0.000438	4.88E-05	0	0.000486	0.001226	0.004736	0.006448	166.8605	16.36098	0	183.2215	0.460332
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Gasoline	2718.337854	233743.3	233743.3	0	10873.35141	0	0.040426	0	0.01015	0.050576	0.00019	0	3.4E-06	0.000194	0.000629	0.008962	0.009784	0.000207	0	3.69E-06	0.000211	0.002515	0.025604	0.028331	348.629	0	0.936652	349.5656	0.000912
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Diesel	3856.540804	382199.7	382199.7	0	15426.16322	0	1.347144	0	0	1.347144	0.003551	0	0	0.003551	0.003303	0.016202	0.023057	0.003712	0	0	0.003712	0.013213	0.046291	0.063216	578.1144	0	0	578.1144	0.001873
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Electricity	199.8049987	9703.631	0	9703.631	799.2199948	19096.85	0	0	0	0	0	0	0	0	8.16E-05	0.000203	0.000284	0	0	0	0	0.000327	0.000579	0.000906	0	0	0	0	0
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Natural Gas	7135.633337	842516.6	842516.6	0	28542.53335	0	2.184147	0	0	2.184147	0.001978	0	0	0.001978	0.007584	0.035658	0.045219	0.002067	0	0	0.002067	0.030336	0.101879	0.134282	2043.305	0	0	2043.305	2.568758
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Gasoline	381.1447777	12286.8	12286.8	0	7625.944712	0	0.162624	0	0.007928	0.170552	7.16E-05	0	2.79E-05	9.95E-05	6.77E-05	0.000496	0.000663	7.72E-05	0	2.99E-05	0.000107	0.000271	0.001417	0.001795	33.90564	0	0.559777	34.46542	0.005939
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Diesel	274445.4994	39811871	39811871	0	4414647.723	0	145.6651	25.28201	10.01214	180.9593	2.351608	0.037735	0	2.389343	0.389181	1.233014	4.011538	2.457937	0.039441	0	2.497378	1.556726	3.522897	7.577001	72626.72	4673.854	0	77300.58	0.145937
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Natural Gas	13840.93862	997993	997993	0	100528.6495	0	1.673344	0.173953	0	1.847297	0.003058	0.00024	0	0.003298	0.009901	0.056343	0.069542	0.003326	0.000261	0	0.003587	0.039604	0.160981	0.204171	1514.496	138.8544	0	1653.35	2.533796
Statewide Totals	2020	LDA	Aggregate	Aggregate	Gasoline	13489082.46	4.44E+08	4.44E+08	0	62803005.39	0	33.71723	0	21.71379	55.43102	0.731464	0	0.156691	0.888155	0.978495	1.318725	3.185375	0.795502	0	0.170395	0.965898	3.913978	3.767786	8.647662	149072	0	5252.064	154324.1	1.949128
Statewide Totals	2020	LDA	Aggregate	Aggregate	Diesel	58547.87806	1622485	1622485	0	254223.9623	0	0.59462	0	0	0.59462	0.045132	0	0	0.045132	0.003577	0.004788	0.053497	0.047173	0	0	0.047173	0.014308	0.01368	0.075161	446.5133	0	0	446.5133	0.003484
Statewide Totals	2020	LDA	Aggregate	Aggregate	Electricity	354856.5448	12482200	0	12482200	1791978.21	4819159	0	0	0	0	0	0	0	0	0.027519	0.021012	0.04853	0	0	0	0	0.110074	0.060034	0.170108	0	0	0	0	0
Statewide Totals	2020	LDA	Aggregate	Aggregate	Plug-in Hybrid	222044.5497	8985954	4822037	4163917	918154.213	1257627	0.035316	0	0.11466	0.149977	0.009028	0	0.002577	0.011605	0.019811	0.013508	0.044924	0.009819	0	0.002803	0.012622	0.079243	0.038594	0.130459	1530.856	0	69.14478	1600.001	0.005141
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Gasoline	1481704.843	41864928	41864928	0	6473871.542	0	11.86971	0	3.986581	15.85629	0.129044	0	0.028102	0.157146	0.092296	0.152677	0.40212	0.140326	0	0.030557	0.170883	0.369186	0.43622	0.976289	16717.03	0	695.5651	17412.59	0.603001
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Diesel	1034.588047	13459.39	13459.39	0	3182.05666	0	0.023782	0	0	0.023782	0.003669	0	0	0.003669	2.97E-05	5.56E-05	0.003755	0.003835	0	0	0.003835	0.000119	0.000159	0.004113	6.352326	0	0	6.352326	0.000218
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Electricity	1861.208864	49055.82	0	49055.82	8556.084271	18939.59	0	0	0	0	0	0	0	0	0.000108	8.34E-05	0.000192	0	0	0	0	0.000433	0.000238	0.000671	0	0	0	0	0
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Plug-in Hybrid	76.05391079	3334.543	1739.634	1594.908	314.4829211	481.7099	1.28E-05	0	3.93E-05	5.21E-05	2.87E-06	0	7.95E-07	3.67E-06	7.35E-06	5.02E-06	1.6E-05	3.12E-06	0	8.65E-07	3.99E-06	2.94E-05	1.44E-05	4.77E-05	0.554215	0	0.026397	0.580612	1.88E-06
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Gasoline	5815850.06	1.92E+08	1.92E+08	0	27160595.35	0	26.83232	0	14.24525	41.07757	0.333772	0	0.067516	0.401288	0.422755	0.670805	1.494848	0.362993	0	0.073426	0.436419	1.69102	1.916586	4.044024	81336	0	2900.651	84236.65	1.046219
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Diesel	17642.68762	636167.8	636167.8	0	85291.5347	0	0.0579	0	0	0.0579	0.00577	0	0	0.00577	0.001403	0.00215	0.009322	0.006031	0	0	0.006031	0.00561	0.006142	0.017783	238.5517	0	0	238.5517	0.000675
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Electricity	1418.48778	42582.71	0	42582.71	7205.088572	16440.44	0	0	0	0	0	0	0	0	9.39E-05	7.16E-05	0.000165	0	0	0	0	0.000376	0.000205	0.00058	0	0	0	0	0
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Plug-in Hybrid	11538.87629	496463.7	261279.7	235184	47713.25345	71032.56	0.001921	0	0.005961	0.007882	0.00051	0	0.000142	0.000652	0.001095	0.000748	0.002494	0.000554	0	0.000155	0.000709	0.004378	0.002136	0.007223	83.20063	0	4.316013	87.51665	0.000282
Statewide Totals	2020	LHDT1	Aggregate	Aggregate	Gasoline	561742.0213	17084289	17084289	0	8369119.122	0	5.74868	0.025083	6.512483	12.28625	0.03128	0	0.004218	0.035497	0.037664	0.514119	0.587281	0.03401	0	0.004583	0.038593	0.150658	1.468912	1.658163	15790.95	76.31892	237.5813	16104.85	0.239216
Statewide Totals	2020	LHDT1	Aggregate	Aggregate	Diesel	393958.0072	12430567	12430567	0	4955496.131	0	38.91484	1.043409	0	39.95824	0.666062	0.011843	0	0.677905	0.041107	0.374074	1.093086	0.696178	0.012378	0	0.708556	0.164428	1.068784	1.941768	8163.257	60.16969	0	8223.427	0.13904
Statewide Totals	2020	LHDT2	Aggregate	Aggregate	Gasoline	80150.94563	2466937	2466937	0	1194129.665	0	0.686263	0.003571	0.920304	1.610137	0.003674	0	0.000448	0.004122	0.005439	0.086611	0.096172	0.003996	0	0.000487	0.004483	0.021755	0.247459	0.273697	2499.534	12.5516	34.57645	2546.662	0.023633
Statewide Totals	2020	LHDT2	Aggregate	Aggregate	Diesel	140951.3373	4705517	4705517	0	1772990.507	0	10.4988	0.365565	0	10.86436	0.202184	0.004132	0	0.206316	0.015561	0.165204	0.387081	0.211326	0.004319	0	0.215645	0.062243	0.472012	0.7499	3750.498	34.27427	0	3784.773	0.042842
Statewide Totals	2020	MCY	Aggregate	Aggregate	Gasoline	687073.0449	3460608	3460608	0	1374146.09	0	2.578174	0	0.262957	2.841131	0.007267	0	0.005799	0.013065	0.003815	0.016022	0.032902	0.007737	0	0.006134	0.013871	0.015259	0.045776	0.074906	749.9925	0	83.68254	833.6751	0.788944
Statewide Totals	2020	MDV	Aggregate	Aggregate	Gasoline	4210868.492	1.3E+08	1.3E+08	0	19309994.82	0	29.23972	0	13.93921	43.17893	0.238817	0	0.054955	0.293772	0.286503	0.460903	1.041178	0.259494	0	0.059699	0.319193	1.146011	1.316867	2.782071	66895.51	0	2527.323	69422.83	1.145017
Statewide Totals	2020	MDV	Aggregate	Aggregate	Diesel	64658.27885	2266982	2266982	0	310001.8064	0	0.336439	0	0	0.336439	0.022086	0	0	0.022086	0.004998	0.007608	0.034692	0.023085	0	0	0.023085	0.019991	0.021736	0.064812	1104.246	0	0	1104.246	0.002199
Statewide Totals	2020	MDV	Aggregate	Aggregate	Electricity	1934.124002	59770.35	0	59770.35	9916.46193	23076.29	0	0	0	0	0	0	0	0	0.000132	0.0001	0.000232	0	0	0	0	0.000527	0.000287	0.000814	0	0	0	0	0
Statewide Totals	2020	MDV	Aggregate	Aggregate	Plug-in Hybrid	13353.96572	542758.1	291580.6	251177.5	55218.64824	75863.09	0.002125	0	0.006902	0.009027	0.000611	0	0.000179	0.00079	0.001197	0.000811	0.002797	0.000664	0	0.000195	0.000859	0.004786	0.002317	0.007962	92.14946	0	6.22981	98.37927	0.000307
Statewide Totals	2020	MH	Aggregate	Aggregate	Gasoline	106435.5974	797947.5	797947.5	0	10647.81717	0	0.556167	0	0.004545	0.560713	0.001653	0	6.49E-06	0.001659	0.002639	0.013573	0.017871	0.001795	0	7.02E-06	0.001802	0.010555	0.03878	0.051136	1641.998	0	0.386023	1642.384	0.022037
Statewide Totals	2020	MH	Aggregate	Aggregate	Diesel	35765.2652	293682.9	293682.9	0	3576.52652	0	1.557882	0	0	1.557882	0.042489	0	0	0.042489	0.001295	0.004979	0.048763	0.04441	0	0	0.04441	0.00518	0.014227	0.063817	338.4207	0	0	338.4207	0.001716
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Gasoline	55656.99495	2427237	2427237	0	1113585.155	0	2.250945	0.0054	0.567071	2.823415	0.003371	0	0.000813	0.004184	0.008027	0.041163	0.053374	0.003666	0	0.000885	0.004551	0.032107	0.117609	0.154266	4763.293	34.09554	60.2239	4857.612	0.073109
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Diesel	271763.574	11585754	11585754	0	3221069.617	0	34.78748	6.607566	4.110847	45.50589	0.731831	0.027412	0	0.759244	0.038313	0.197929	0.995486	0.764921	0.028652	0	0.793573	0.153253	0.565511	1.512338	14362.19	721.9888	0	15084.18	0.064095
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Natural Gas	2138.985373	106294.3	106294.3	0	19557.73381	0	0.015901	0.015597	0	0.031498	0.000105	3.84E-05	0	0.000144	0.000352	0.00182	0.002315	0.000115	4.17E-05	0	0.000156	0.001406	0.005199	0.006762	108.9831	12.60877	0	121.5919	0.071441
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Gasoline	15203.76589	633793.8	633793.8	0	304196.9479	0	0.493501	0.001086	0.137711	0.632298	0.000574	0	0.000102	0.000676	0.002096	0.010832	0.013604	0.000624	0	0.000111	0.000735	0.008384	0.030949	0.040068	1253.684	6.497183	10.97871	1271.16	0.01359
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Diesel	9759.427642	713789.4	713789.4	0	114408.9688	0	2.555652	0.206573	0.156725	2.91895	0.064073	0.000707	0	0.06478	0.00236	0.016424	0.083565	0.06697	0.000739	0	0.067709	0.009442	0.046927	0.124078	1088.223	29.40335	0	1117.626	0.00703
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Natural Gas	661.159755	41136.6	41136.6	0	5884.321819	0	0.008178	0.001141	0	0.009318	3.15E-05	2.36E-06	0	3.39E-05	0.000136	0.000705	0.000875	3.43E-05	2.57E-06	0	3.69E-05	0.000544	0.002014	0.002595	42.70037	0.887933	0	43.5883	0.026534
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Gasoline	6177.615066	273770.1	273770.1	0	24710.46026	0	0.229522	0.006257	0.018428	0.254206	0.000422	0	1.79E-05	0.00044	0.000604	0.00483	0.005874	0.000459	0	1.94E-05	0.000479	0.002414	0.0138	0.016693	262.3801	18.05365	1.669598	282.1033	0.006533
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Diesel	19505.22907	439830.1	439830.1	0	282435.7169	0	3.129918	0.592319	0.103885	3.826122	0.017692	0.000818	0	0.01851	0.001454	0.007709	0.027673	0.018492	0.000855	0	0.019347	0.005818	0.022026	0.04719	580.1635	49.16727	0	629.3308	0.002185
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Natural Gas	3681.66473	95645.5	95645.5	0	53310.50529	0	0.086514	0.021355	0	0.107869	0.000415	4.7E-05	0	0.000462	0.000316	0.001711	0.00249	0.000452	5.11E-05	0	0.000503	0.001265	0.004889	0.006657	171.381	16.86993	0	188.2509	0.46785
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Gasoline	2745.123272	236020.2	236020.2	0	10980.49309	0	0.034681	0	0.009447	0.044128	0.000223	0	4.27E-06	0.000228	0.000635	0.00905	0.009913	0.000243	0	4.64E-06	0.000248	0.002541	0.025857	0.028645	350.2712	0	0.942471	351.2137	0.000824
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Diesel	3621.708856	361783.6	361783.6	0	14486.83543	0	0.481379	0	0	0.481379	0.002783	0	0	0.002783	0.00311	0.015337	0.02123	0.002909	0	0	0.002909	0.012438	0.043819	0.059167	517.1798	0	0	517.1798	0.001692
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Electricity	194.7265406	9517.788	0	9517.788	778.9061624	18709.7	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000283	0	0	0	0	0.000325	0.000575	0.0009	0	0	0	0	0
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Natural Gas	7487.992988	875471.4	875471.4	0	29951.97195	0	1.0453	0	0	1.0453	0.000759	0	0	0.000759	0.00789	0.037053	0.045701	0.000793	0	0	0.000793	0.03156	0.105866	0.138218	2125.777	0	0	2125.777	2.33071
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Gasoline	297.370336	12525.05	12525.05	0	5949.785683	0	0.154345	0	0.00631	0.160655	5.19E-05	0	1.3E-05	6.49E-05	6.9E-05	0.000494	0.000628	5.64E-05	0	1.42E-05	7.06E-05	0.000276	0.001411	0.001758	33.61093	0	0.356275	33.9672	0.00469
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Diesel	280809.381	40518102	40518102	0	4535952.96	0	120.9866	25.64796	11.3497	157.9843	1.74722	0.023254	0	1.770474	0.396146	1.234609	3.40123	1.826222	0.024306	0	1.850527	1.584585	3.527455	6.962568	73353.67	4824.118	0	78177.79	0.091025
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Natural Gas	15132.0993	1070718	1070718	0	110511.5146	0	1.60695	0.184741	0	1.791691	0.002989	0.000275	0	0.003263	0.010622	0.060554	0.07444	0.00325	0.000299	0	0.003549	0.04249	0.173013	0.219051	1597.632	151.837	0	1749.469	2.53783
Statewide Totals	2021	LDA	Aggregate	Aggregate	Gasoline	13261740.55	5.08E+08	5.08E+08	0	61620786.49	0	34.19421	0	20.2287	54.42292	0.807646	0	0.148052	0.955699	1.120901	1.510795	3.587395	0.878365	0	0.161007	1.039372	4.483604	4.316557	9.839533	168585.6	0	5064.561	173650.2	2.023782
Statewide Totals	2021	LDA	Aggregate	Aggregate	Diesel	55460.92383	1751916	1751916	0	238653.5557	0	0.593441	0	0	0.593441	0.046273	0	0	0.046273	0.003862	0.005189	0.055324	0.048365	0	0	0.048365	0.015449	0.014827	0.078641	479.4331	0	0	479.4331	0.003606
Statewide Totals	2021	LDA	Aggregate	Aggregate	Electricity	426202.5518	18018951	0	18018951	2143579.259	6956802	0	0	0	0	0	0	0	0	0.039725	0.030349	0.070074	0	0	0	0	0.1589	0.08671	0.24561	0	0	0	0	0
Statewide Totals	2021	LDA	Aggregate	Aggregate	Plug-in Hybrid	250952.5714	11746558	6243355	5503203	1037688.883	1662131	0.045756	0	0.129622	0.175378	0.01088	0	0.002732	0.013612	0.025897	0.017683	0.057191	0.011833	0	0.002971	0.014804	0.103587	0.050522	0.168913	1982.213	0	77.39149	2059.605	0.00677
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Gasoline	1431765.081	47246755	47246755	0	6242428.765	0	12.26295	0	3.661028	15.92398	0.137173	0	0.025642	0.162815	0.104161	0.172646	0.439622	0.149169	0	0.027883	0.177052	0.416645	0.493274	1.086972	18664.65	0	658.34	19322.99	0.631396
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Diesel	929.8843196	13811.26	13811.26	0	2807.694853	0	0.024359	0	0	0.024359	0.003762	0	0	0.003762	3.04E-05	5.71E-05	0.003849	0.003932	0	0	0.003932	0.000122	0.000163	0.004217	6.519728	0	0	6.519728	0.000224
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Electricity	1861.371602	59159.25	0	59159.25	8529.174856	22840.35	0	0	0	0	0	0	0	0	0.00013	0.000101	0.000231	0	0	0	0	0.000522	0.000287	0.000809	0	0	0	0	0
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Plug-in Hybrid	249.6841983	12838.66	6537.294	6301.362	1032.44416	1903.199	4.81E-05	0	0.000129	0.000177	7.73E-06	0	1.87E-06	9.6E-06	2.83E-05	1.94E-05	5.73E-05	8.4E-06	0	2.03E-06	1.04E-05	0.000113	5.54E-05	0.000179	2.083842	0	0.084356	2.168198	7.18E-06
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Gasoline	5866044.745	2.26E+08	2.26E+08	0	27380953.24	0	27.72282	0	13.16651	40.88933	0.377314	0	0.065445	0.442759	0.499344	0.792666	1.734769	0.410353	0	0.071175	0.481529	1.997376	2.264759	4.743664	94189.5	0	2856.373	97045.87	1.128536
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Diesel	18603.36355	775449.3	775449.3	0	89565.66133	0	0.063535	0	0	0.063535	0.006433	0	0	0.006433	0.00171	0.002639	0.010782	0.006723	0	0	0.006723	0.006838	0.007541	0.021103	286.98	0	0	286.98	0.000787
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Electricity	5636.923736	205522.9	0	205522.9	29031.73728	79348.81	0	0	0	0	0	0	0	0	0.000453	0.000345	0.000798	0	0	0	0	0.001812	0.000986	0.002798	0	0	0	0	0
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Plug-in Hybrid	18983.40253	948639.7	490471.3	458168.4	78496.36948	138380.5	0.003605	0	0.009806	0.013411	0.000763	0	0.000188	0.00095	0.002091	0.001432	0.004473	0.00083	0	0.000204	0.001034	0.008366	0.004091	0.01349	156.1883	0	6.942341	163.1307	0.000537
Statewide Totals	2021	LHDT1	Aggregate	Aggregate	Gasoline	551145.4369	19675741	19675741	0	8211245.803	0	6.052077	0.024209	6.287498	12.36378	0.03444	0	0.003798	0.038239	0.043378	0.592104	0.67372	0.037457	0	0.004131	0.041588	0.17351	1.691726	1.906824	17851.4	74.50393	234.0167	18159.92	0.25361
Statewide Totals	2021	LHDT1	Aggregate	Aggregate	Diesel	390871.3342	14355664	14355664	0	4916669.668	0	41.74261	1.010492	0	42.7531	0.734784	0.011673	0	0.746456	0.047473	0.432006	1.225936	0.768007	0.012201	0	0.780208	0.189893	1.234304	2.204405	9385.921	59.32203	0	9445.243	0.15396
Statewide Totals	2021	LHDT2	Aggregate	Aggregate	Gasoline	78747.05623	2814535	2814535	0	1173213.805	0	0.716788	0.003451	0.892262	1.6125	0.00403	0	0.000407	0.004436	0.006205	0.098814	0.109456	0.004382	0	0.000442	0.004825	0.02482	0.282327	0.311972	2810.55	12.28016	33.76446	2856.595	0.024155
Statewide Totals	2021	LHDT2	Aggregate	Aggregate	Diesel	143030.6174	5537001	5537001	0	1799145.234	0	11.41972	0.360126	0	11.77984	0.228068	0.004189	0	0.232258	0.01831	0.194396	0.444965	0.23838	0.004379	0	0.242759	0.073242	0.555418	0.87142	4378.097	34.53671	0	4412.634	0.048389
Statewide Totals	2021	MCY	Aggregate	Aggregate	Gasoline	685404.8139	3984080	3984080	0	1370809.628	0	2.898794	0	0.253379	3.152173	0.008415	0	0.005622	0.014037	0.004392	0.018445	0.036874	0.008967	0	0.005953	0.01492	0.017567	0.0527	0.085187	861.1563	0	81.90786	943.0641	0.890146
Statewide Totals	2021	MDV	Aggregate	Aggregate	Gasoline	4190532.761	1.51E+08	1.51E+08	0	19190248.61	0	30.08821	0	12.7931	42.88132	0.265863	0	0.0522	0.318062	0.333442	0.537271	1.188776	0.288949	0	0.056722	0.345671	1.33377	1.535061	3.214502	76597.93	0	2463.054	79060.99	1.200074
Statewide Totals	2021	MDV	Aggregate	Aggregate	Diesel	65072.28597	2611474	2611474	0	309642.317	0	0.358107	0	0	0.358107	0.024337	0	0	0.024337	0.005757	0.008895	0.038989	0.025437	0	0	0.025437	0.023029	0.025414	0.073881	1262.706	0	0	1262.706	0.00246
Statewide Totals	2021	MDV	Aggregate	Aggregate	Electricity	5940.701969	216576.6	0	216576.6	30589.69872	83616.44	0	0	0	0	0	0	0	0	0.000477	0.000363	0.000841	0	0	0	0	0.00191	0.001039	0.002948	0	0	0	0	0
Statewide Totals	2021	MDV	Aggregate	Aggregate	Plug-in Hybrid	15475.1415	722212.8	384153.6	338059.2	63989.7101	102104	0.002804	0	0.007999	0.010803	0.000739	0	0.000191	0.000931	0.001592	0.001082	0.003605	0.000804	0	0.000208	0.001012	0.006369	0.003092	0.010473	121.4949	0	7.137042	128.632	0.000412

Statewide Totals	2021	MH	Aggregate	Aggregate	Gasoline	100319.7241	877900.8	877900.8	0	10035.9852	0	0.561117	0	0.004343	0.56546	0.001664	0	5.14E-06	0.001669	0.002903	0.014932	0.019504	0.001809	0	5.59E-06	0.001815	0.011613	0.042662	0.056089	1804.913	0	0.355812	1805.269	0.02099
Statewide Totals	2021	MH	Aggregate	Aggregate	Diesel	35718.0981	337610.2	337610.2	0	3571.80981	0	1.749951	0	0	1.749951	0.047283	0	0	0.047283	0.001489	0.005723	0.054495	0.049421	0	0	0.049421	0.005954	0.016353	0.071728	389.0843	0	0	389.0843	0.001952
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Gasoline	53467.08726	2746553	2746553	0	1069769.482	0	2.21118	0.005203	0.534908	2.751291	0.003616	0	0.000717	0.004333	0.009083	0.046576	0.059991	0.003933	0	0.00078	0.004713	0.036331	0.133073	0.174117	5337.588	32.57273	57.05183	5427.212	0.070207
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Diesel	268011.0178	11734361	11734361	0	3180879.419	0	23.63049	4.867546	4.990366	33.4884	0.285675	0.014299	0	0.299974	0.038805	0.200461	0.539239	0.298591	0.014946	0	0.313537	0.155219	0.572746	1.041502	14564.69	692.2458	0	15256.94	0.029272
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Natural Gas	2446.806307	119909.8	119909.8	0	22356.79679	0	0.017321	0.017799	0	0.03512	0.000122	4.51E-05	0	0.000167	0.000397	0.002053	0.002616	0.000133	4.9E-05	0	0.000182	0.001586	0.005865	0.007633	122.151	14.41918	0	136.5701	0.081078
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Gasoline	14659.93168	693577.9	693577.9	0	293315.9131	0	0.510747	0.001047	0.132619	0.644413	0.000635	0	9.41E-05	0.000729	0.002294	0.011853	0.014875	0.00069	0	0.000102	0.000793	0.009174	0.033865	0.043832	1362.913	6.242808	10.48171	1379.638	0.014063
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Diesel	9623.846721	712971.8	712971.8	0	112541.8469	0	1.866065	0.168194	0.173483	2.207743	0.039144	0.000361	0	0.039505	0.002358	0.016293	0.058155	0.040914	0.000377	0	0.041291	0.009431	0.04655	0.097272	1084.721	28.49312	0	1113.214	0.004013
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Natural Gas	746.896944	44802.68	44802.68	0	6647.382802	0	0.008758	0.001287	0	0.010045	3.48E-05	2.71E-06	0	3.75E-05	0.000148	0.000767	0.000953	3.78E-05	2.94E-06	0	4.07E-05	0.000593	0.002193	0.002826	46.36847	1.005403	0	47.37388	0.028862
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Gasoline	6233.799742	323255.4	323255.4	0	24935.19897	0	0.261666	0.006324	0.018782	0.286772	0.000454	0	1.67E-05	0.000471	0.000713	0.005704	0.006887	0.000494	0	1.82E-05	0.000512	0.002851	0.016297	0.019659	308.5956	18.15274	1.668267	328.4166	0.007174
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Diesel	19483.17953	436716.2	436716.2	0	282116.4396	0	2.963146	0.581061	0.110184	3.654391	0.01642	0.000743	0	0.017163	0.001444	0.007653	0.026261	0.017163	0.000777	0	0.017939	0.005777	0.021866	0.045582	573.4678	49.01572	0	622.4835	0.002086
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Natural Gas	3842.418969	98759.31	98759.31	0	55638.22667	0	0.086279	0.022235	0	0.108514	0.000429	5.03E-05	0	0.000479	0.000327	0.001767	0.002573	0.000466	5.47E-05	0	0.000521	0.001306	0.005048	0.006876	175.6534	17.63945	0	193.2929	0.475818
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Gasoline	2766.631998	237775.1	237775.1	0	11066.52799	0	0.036897	0	0.009651	0.046549	0.00023	0	4.46E-06	0.000235	0.00064	0.009118	0.009993	0.00025	0	4.85E-06	0.000255	0.00256	0.026051	0.028867	352.6787	0	0.949558	353.6282	0.000821
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Diesel	3606.231736	361214.1	361214.1	0	14424.92694	0	0.415954	0	0	0.415954	0.00274	0	0	0.00274	0.003116	0.015312	0.021168	0.002864	0	0	0.002864	0.012464	0.04375	0.059078	513.5775	0	0	513.5775	0.001693
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Electricity	194.6432803	9509.746	0	9509.746	778.5731212	18695.44	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000282	0	0	0	0	0.000324	0.000575	0.000899	0	0	0	0	0
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Natural Gas	7587.414418	885375.8	885375.8	0	30349.65767	0	0.611465	0	0	0.611465	0.00041	0	0	0.00041	0.007967	0.037473	0.045849	0.000428	0	0	0.000428	0.031869	0.107065	0.139361	2154.096	0	0	2154.096	2.148014
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Gasoline	235.5107135	11307.09	11307.09	0	4712.098356	0	0.114391	0	0.003113	0.117503	3.96E-05	0	9.48E-06	4.91E-05	6.23E-05	0.000435	0.000546	4.31E-05	0	1.03E-05	5.34E-05	0.000249	0.001242	0.001545	29.55704	0	0.281845	29.83888	0.003535
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Diesel	289296.2802	41279363	41279363	0	4687044.506	0	105.7867	26.14852	12.62802	144.5632	1.320833	0.012835	0	1.333668	0.403618	1.24267	2.979956	1.380555	0.013416	0	1.393971	1.614471	3.550485	6.558927	73941.38	4948.229	0	78889.61	0.058759
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Natural Gas	16256.34932	1128074	1128074	0	119081.771	0	1.534225	0.193564	0	1.727789	0.002919	0.000309	0	0.003228	0.011191	0.063951	0.07837	0.003175	0.000336	0	0.003511	0.044766	0.182716	0.230992	1656.531	162.6335	0	1819.165	2.520909
Statewide Totals	2022	LDA	Aggregate	Aggregate	Gasoline	13143383.38	5.1E+08	5.1E+08	0	61016807.1	0	30.35824	0	18.96884	49.32708	0.778693	0	0.140947	0.91964	1.124784	1.515757	3.56018	0.846885	0	0.153284	1.00017	4.499136	4.330734	9.83004	166466.3	0	4916.56	171382.8	1.813789
Statewide Totals	2022	LDA	Aggregate	Aggregate	Diesel	52549.88874	1638916	1638916	0	224018.3451	0	0.511769	0	0	0.511769	0.041166	0	0	0.041166	0.003613	0.004873	0.049652	0.043027	0	0	0.043027	0.014453	0.013922	0.071402	445.8747	0	0	445.8747	0.003234
Statewide Totals	2022	LDA	Aggregate	Aggregate	Electricity	514826.0096	22671753	0	22671753	2581274.944	8753168	0	0	0	0	0	0	0	0	0.049983	0.038199	0.088182	0	0	0	0	0.199931	0.10914	0.309071	0	0	0	0	0
Statewide Totals	2022	LDA	Aggregate	Aggregate	Plug-in Hybrid	286134.2272	13453825	6983076	6470749	1183165.03	1954359	0.05117	0	0.147822	0.198992	0.011342	0	0.002913	0.014255	0.029661	0.020316	0.064232	0.012335	0	0.003168	0.015503	0.118642	0.058046	0.192192	2216.104	0	87.0665	2303.171	0.007549
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Gasoline	1390471.93	46559751	46559751	0	6056811.239	0	10.9647	0	3.363926	14.32862	0.126531	0	0.023425	0.149956	0.102647	0.17019	0.422792	0.137601	0	0.025473	0.163074	0.410587	0.486257	1.059918	18147.62	0	625.5507	18773.17	0.565021
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Diesel	835.1994767	12284.15	12284.15	0	2475.372899	0	0.021609	0	0	0.021609	0.003338	0	0	0.003338	2.71E-05	5.08E-05	0.003416	0.003489	0	0	0.003489	0.000108	0.000145	0.003743	5.799326	0	0	5.799326	0.000198
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Electricity	2056.445867	71368.05	0	71368.05	9517.802767	27553.96	0	0	0	0	0	0	0	0	0.000157	0.000121	0.000278	0	0	0	0	0.000629	0.000346	0.000975	0	0	0	0	0
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Plug-in Hybrid	562.6718056	29065.96	13923.21	15142.75	2326.647916	4573.562	0.000102	0	0.00029	0.000393	1.48E-05	0	3.76E-06	1.85E-05	6.41E-05	4.43E-05	0.000127	1.61E-05	0	4.09E-06	2.02E-05	0.000256	0.000126	0.000403	4.436842	0	0.185572	4.622415	1.52E-05
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Gasoline	5974705.165	2.34E+08	2.34E+08	0	27900439.71	0	25.01555	0	12.26888	37.28443	0.373309	0	0.064233	0.437542	0.516941	0.819766	1.774249	0.406	0	0.069858	0.475858	2.067763	2.342189	4.88581	95283.81	0	2835.771	98119.58	1.052449
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Diesel	19744.2415	825357.2	825357.2	0	94698.92173	0	0.061447	0	0	0.061447	0.006438	0	0	0.006438	0.00182	0.002824	0.011081	0.006729	0	0	0.006729	0.007278	0.008069	0.022076	300.6021	0	0	300.6021	0.000811
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Electricity	14292.25826	527979.7	0	527979.7	73625.95841	203843.7	0	0	0	0	0	0	0	0	0.001164	0.000887	0.002051	0	0	0	0	0.004656	0.002533	0.007189	0	0	0	0	0
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Plug-in Hybrid	28288.06198	1415177	701739.6	713437.2	116971.1363	215479.3	0.005155	0	0.014613	0.019768	0.000951	0	0.000242	0.001194	0.00312	0.002147	0.006461	0.001034	0	0.000264	0.001298	0.01248	0.006135	0.019913	223.339	0	10.11201	233.451	0.000763
Statewide Totals	2022	LHDT1	Aggregate	Aggregate	Gasoline	544428.8549	19918185	19918185	0	8111178.739	0	5.507017	0.023363	6.073305	11.60368	0.033499	0	0.003497	0.036995	0.043912	0.5994	0.680307	0.036433	0	0.003803	0.040236	0.175648	1.712571	1.928455	17660.44	73.09471	231.3403	17964.87	0.231846
Statewide Totals	2022	LHDT1	Aggregate	Aggregate	Diesel	389745.8766	14556631	14556631	0	4902512.827	0	38.71576	0.975411	0	39.69117	0.703236	0.011563	0	0.714799	0.048138	0.438054	1.200991	0.735034	0.012086	0	0.747119	0.192551	1.251583	2.191254	9457.101	58.67358	0	9515.774	0.147994
Statewide Totals	2022	LHDT2	Aggregate	Aggregate	Gasoline	77809.99072	2819605	2819605	0	1159252.925	0	0.648812	0.00333	0.865052	1.517194	0.003882	0	0.000369	0.004251	0.006216	0.098992	0.10946	0.004222	0	0.000401	0.004623	0.024865	0.282836	0.312324	2766.276	12.06448	33.14875	2811.49	0.021275
Statewide Totals	2022	LHDT2	Aggregate	Aggregate	Diesel	146007.3306	5721387	5721387	0	1836588.541	0	10.76615	0.353629	0	11.11977	0.223772	0.004275	0	0.228047	0.01892	0.20087	0.447837	0.23389	0.004468	0	0.238358	0.075681	0.573914	0.887953	4477.189	34.94392	0	4512.133	0.047607
Statewide Totals	2022	MCY	Aggregate	Aggregate	Gasoline	688600.8343	4045591	4045591	0	1377201.669	0	2.854007	0	0.244712	3.09872	0.008608	0	0.005512	0.01412	0.00446	0.01873	0.03731	0.009181	0	0.005842	0.015022	0.017838	0.053514	0.086374	870.9139	0	80.49857	951.4125	0.874191
Statewide Totals	2022	MDV	Aggregate	Aggregate	Gasoline	4194606.097	1.54E+08	1.54E+08	0	19210125.4	0	26.35456	0	11.7273	38.08186	0.255663	0	0.04936	0.305023	0.339244	0.546451	1.190718	0.278014	0	0.053673	0.331686	1.356977	1.561288	3.249951	76389.19	0	2408.209	78797.4	1.0417
Statewide Totals	2022	MDV	Aggregate	Aggregate	Diesel	65562.92527	2614656	2614656	0	309843.0479	0	0.328435	0	0	0.328435	0.023128	0	0	0.023128	0.005764	0.009015	0.037907	0.024173	0	0	0.024173	0.023057	0.025758	0.072989	1252.407	0	0	1252.407	0.002369
Statewide Totals	2022	MDV	Aggregate	Aggregate	Electricity	14432.60227	532367.7	0	532367.7	74304.77157	205537.9	0	0	0	0	0	0	0	0	0.001174	0.000894	0.002067	0	0	0	0	0.004695	0.002554	0.007248	0	0	0	0	0
Statewide Totals	2022	MDV	Aggregate	Aggregate	Plug-in Hybrid	19497.12609	913414.9	469582.9	443832	80620.6164	134050.5	0.003431	0	0.010077	0.013508	0.000806	0	0.000214	0.00102	0.002014	0.001376	0.00441	0.000877	0	0.000233	0.001109	0.008055	0.003932	0.013096	148.6208	0	8.796865	157.4177	0.000502
Statewide Totals	2022	MH	Aggregate	Aggregate	Gasoline	94610.42473	842891.6	842891.6	0	9464.82689	0	0.485364	0	0.004186	0.48955	0.001499	0	4.54E-06	0.001504	0.002787	0.014335	0.018627	0.001631	0	4.93E-06	0.001636	0.01115	0.040958	0.053743	1731.713	0	0.333148	1732.046	0.017598
Statewide Totals	2022	MH	Aggregate	Aggregate	Diesel	35746.93179	339063.7	339063.7	0	3574.693179	0	1.710434	0	0	1.710434	0.045748	0	0	0.045748	0.001495	0.005747	0.05299	0.047817	0	0	0.047817	0.00598	0.016421	0.070217	390.818	0	0	390.818	0.001929
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Gasoline	51781.2534	2721967	2721967	0	1036039.318	0	1.874817	0.005053	0.508166	2.388036	0.00344	0	0.000643	0.004083	0.009001	0.046159	0.059243	0.003742	0	0.000699	0.004441	0.036005	0.131883	0.172329	5229.841	31.32963	54.37556	5315.546	0.058064
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Diesel	269999.8046	11888587	11888587	0	3210829.046	0	21.32226	4.60538	5.196791	31.12443	0.227931	0.011792	0	0.239723	0.039315	0.203088	0.482126	0.238237	0.012326	0	0.250562	0.157259	0.580252	0.988074	14726.24	691.9275	0	15418.17	0.024534
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Natural Gas	2682.504906	130841.2	130841.2	0	24275.95325	0	0.017974	0.019535	0	0.037509	0.000138	5.12E-05	0	0.00019	0.000433	0.00224	0.002863	0.00015	5.57E-05	0	0.000206	0.001731	0.006401	0.008338	132.6671	15.90223	0	148.5694	0.089404
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Gasoline	14156.38305	662542.9	662542.9	0	283240.9122	0	0.456245	0.001012	0.127871	0.585128	0.00062	0	9.1E-05	0.000711	0.002191	0.011321	0.014223	0.000674	0	9.9E-05	0.000773	0.008764	0.032345	0.041882	1290.585	6.000156	10.04872	1306.633	0.012533
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Diesel	9619.509902	714733.6	714733.6	0	112668.222	0	1.632651	0.147583	0.184918	1.965153	0.029325	0.000201	0	0.029525	0.002364	0.016252	0.04814	0.03065	0.00021	0	0.03086	0.009454	0.046433	0.086748	1089.674	28.25897	0	1117.933	0.003042
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Natural Gas	785.0169876	46358.23	46358.23	0	6986.65119	0	0.009073	0.001352	0	0.010425	3.62E-05	2.85E-06	0	3.9E-05	0.000153	0.000794	0.000987	3.93E-05	3.1E-06	0	4.24E-05	0.000613	0.00227	0.002926	47.97119	1.055733	0	49.02692	0.030001
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Gasoline	6320.118481	332566.4	332566.4	0	25280.47392	0	0.258091	0.00642	0.01929	0.283801	0.00043	0	1.6E-05	0.000446	0.000733	0.005869	0.007048	0.000468	0	1.74E-05	0.000485	0.002933	0.016768	0.020186	316.1102	18.33239	1.674504	336.1171	0.006764
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Diesel	19453.88516	433547.8	433547.8	0	281692.2571	0	2.793233	0.568614	0.116595	3.478442	0.01521	0.000679	0	0.015889	0.001434	0.007596	0.024919	0.015898	0.000709	0	0.016607	0.005735	0.021704	0.044046	566.4898	48.80455	0	615.2943	0.001989
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Natural Gas	4005.237842	101927.8	101927.8	0	57995.84395	0	0.085887	0.023125	0	0.109012	0.000443	5.36E-05	0	0.000496	0.000337	0.001824	0.002657	0.000481	5.83E-05	0	0.00054	0.001348	0.00521	0.007098	179.8133	18.40684	0	198.2201	0.483551
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Gasoline	2788.073458	239525.7	239525.7	0	11152.29383	0	0.036164	0	0.009476	0.045639	0.000252	0	5.15E-06	0.000257	0.000645	0.009186	0.010088	0.000274	0	5.6E-06	0.00028	0.002579	0.026246	0.029105	354.7719	0	0.95509	355.727	0.00082
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Diesel	3556.206422	356650.4	356650.4	0	14224.82569	0	0.34285	0	0	0.34285	0.002673	0	0	0.002673	0.003079	0.015118	0.02087	0.002794	0	0	0.002794	0.012317	0.043195	0.058305	500.8795	0	0	500.8795	0.001562
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Electricity	194.5299298	9498.306	0	9498.306	778.1197194	18675.05	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000282	0	0	0	0	0.000324	0.000574	0.000899	0	0	0	0	0
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Natural Gas	7721.321004	899269	899269	0	30885.28402	0	0.557222	0	0	0.557222	0.000441	0	0	0.000441	0.008088	0.038062	0.04659	0.000461	0	0	0.000461	0.032351	0.108748	0.14156	2154.644	0	0	2154.644	2.38846
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Gasoline	189.0791345	10317.75	10317.75	0	3783.095324	0	0.09335	0	0.003757	0.097107	3.05E-05	0	6.83E-06	3.73E-05	5.69E-05	0.000387	0.000481	3.32E-05	0	7.43E-06	4.06E-05	0.000227	0.001106	0.001374	26.26915	0	0.22852	26.49767	0.002779
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Diesel	296921.6616	42074959	42074959	0	4821966.455	0	85.71613	25.2184	14.49003	125.4246	1.289313	0.012169	0	1.301482	0.411444	1.247138	2.960063	1.34761	0.012719	0	1.360329	1.645775	3.563251	6.569355	74442.26	4893.694	0	79335.95	0.033761
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Electricity	239.3567309	17275.84	0	17275.84	4122.883639	31347.02	0	0	0	0	0	0	0	0	0.000169	0.000253	0.000422	0	0	0	0	0.000675	0.000722	0.001398	0	0	0	0	0
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Natural Gas	17070.81196	1143014	1143014	0	122957.7676	0	1.435068	0.19544	0	1.630509	0.002818	0.000333	0	0.003151	0.01134	0.065885	0.080375	0.003065	0.000362	0	0.003427	0.045358	0.188243	0.237028	1646.271	167.8743	0	1814.145	2.448759
Statewide Totals	2023	LDA	Aggregate	Aggregate	Gasoline	13036208.31	5.1E+08	5.1E+08	0	60476336.1	0	27.02733	0	17.855	44.88234	0.750647	0	0.134706	0.885354	1.124924	1.516665	3.526943	0.816389	0	0.1465	0.96289	4.499698	4.333328	9.795915	163510.7	0	4772.946	168283.7	1.627698
Statewide Totals	2023	LDA	Aggregate	Aggregate	Diesel	49454.89091	1518370	1518370	0	209056.4783	0	0.434496	0	0	0.434496	0.035786	0	0	0.035786	0.003347	0.004533	0.043666	0.037404	0	0	0.037404	0.01339	0.012951	0.063744	410.2041	0	0	410.2041	0.00284
Statewide Totals	2023	LDA	Aggregate	Aggregate	Electricity	606057.4058	27655354	0	27655354	3028420.43	10677249	0	0	0	0	0	0	0	0	0.06097	0.046615	0.107584	0	0	0	0	0.243878	0.133185	0.377063	0	0	0	0	0
Statewide Totals	2023	LDA	Aggregate	Aggregate	Plug-in Hybrid	320429.2024	15076548	7636700	7439848	1324974.752	2247056	0.055958	0	0.165568	0.221525	0.011693	0	0.003085	0.014777	0.033238	0.022847	0.070863	0.012717	0	0.003355	0.016072	0.132952	0.065278	0.214302	2422.846	0	96.09198	2518.938	0.008226
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Gasoline	1352184.578	45737126	45737126	0	5886606.993	0	9.724748	0	3.091171	12.81592	0.11621	0	0.021407	0.137617	0.100833	0.167296	0.405746	0.126382	0	0.023281	0.149663	0.403333	0.477987	1.030983	17558.67	0	594.8146	18153.49	0.501139
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Diesel	750.0103387	10858.46	10858.46	0	2181.390127	0	0.019033	0	0	0.019033	0.002941	0	0	0.002941	2.39E-05	4.49E-05	0.00301	0.003074	0	0	0.003074	9.58E-05	0.000128	0.003298	5.12392	0	0	5.12392	0.000175
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Electricity	2390.360275	91017.42	0	91017.42	11216.67678	35140.24	0	0	0	0	0	0	0	0	0.000201	0.000154	0.000355	0	0	0	0	0.000803	0.00044	0.001243	0	0	0	0	0
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Plug-in Hybrid	1000.888631	51641.58	23797.04	27844.53	4138.67449	8409.879	0.000175	0	0.000517	0.000692	2.42E-05	0	6.42E-06	3.06E-05	0.000114	7.9E-05	0.000223	2.63E-05	0	6.98E-06	3.33E-05	0.000455	0.000226	0.000714	7.581456	0	0.322735	7.904191	2.58E-05
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Gasoline	6085858.683	2.41E+08	2.41E+08	0	28427213.93	0	22.59349	0	11.51314	34.10663	0.369274	0	0.063355	0.432628	0.532302	0.844183	1.809113	0.401615	0	0.068903	0.470519	2.129207	2.411951	5.011677	95779.07	0	2814.023	98593.1	0.980137
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Diesel	20752.73285	867791.9	867791.9	0	99255.5557	0	0.057865	0	0	0.057865	0.006085	0	0	0.006085	0.001913	0.002985	0.010983	0.00636	0	0	0.00636	0.007653	0.008529	0.022541	310.4064	0	0	310.4064	0.000808
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Electricity	24333.41807	895821.3	0	895821.3	124904.6011	345861	0	0	0	0	0	0	0	0	0.001975	0.001505	0.00348	0	0	0	0	0.0079	0.004301	0.012201	0	0	0	0	0
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Plug-in Hybrid	38200.55242	1902626	912437.3	990188.7	157959.2843	299066.5	0.006701	0	0.019735	0.026435	0.00114	0	0.000302	0.001441	0.004195	0.0029	0.008536	0.00124	0	0.000328	0.001568	0.016778	0.008285	0.026631	290.2837	0	13.36989	303.6535	0.000987
Statewide Totals	2023	LHDT1	Aggregate	Aggregate	Gasoline	539256.9057	20090804	20090804	0	8034124.402	0	4.969435	0.022549	5.869257	10.86124	0.032582	0	0.003224	0.035806	0.044293	0.604595	0.684693	0.035436	0	0.003506	0.038942	0.177171	1.727413	1.943526	17385.29	71.81242	228.8792	17685.98	0.210476
Statewide Totals	2023	LHDT1	Aggregate	Aggregate	Diesel	388878.6875	14676626	14676626	0	4891604.679	0	35.56237	0.939524	0	36.5019	0.666651	0.011475	0	0.678126	0.048535	0.441665	1.168325	0.696794	0.011994	0	0.708788	0.194139	1.2619	2.164827	9461.182	58.00267	0	9519.185	0.140869
Statewide Totals	2023	LHDT2	Aggregate	Aggregate	Gasoline	76955.76197	2814627	2814627	0	1146526.189	0	0.580932	0.003207	0.837038	1.421178	0.003737	0	0.000334	0.004071	0.006205	0.098818	0.109094	0.004064	0	0.000364	0.004428	0.024821	0.282336	0.311585	2708.079	11.84942	32.55597	2752.485	0.018544
Statewide Totals	2023	LHDT2	Aggregate	Aggregate	Diesel	148912.6258	5867400	5867400	0	1873133.501	0	10.06171	0.346251	0	10.40796	0.217796	0.004359	0	0.222155	0.019403	0.205996	0.447555	0.227644	0.004556	0	0.2322	0.077612	0.588561	0.898373	4538.252	35.2879	0	4573.54	0.046437
Statewide Totals	2023	MCY	Aggregate	Aggregate	Gasoline	691728.0516	4087441	4087441	0	1383456.103	0	2.800819	0	0.23542	3.036239	0.008696	0	0.005273	0.013969	0.004506	0.018924	0.037398	0.009283	0	0.005595	0.014878	0.018023	0.054068	0.086968	876.5502	0	78.98516	955.5353	0.855859
Statewide Totals	2023	MDV	Aggregate	Aggregate	Gasoline	4197950.739	1.56E+08	1.56E+08	0	19227799.17	0	23.28018	0	10.77067	34.05085	0.245618	0	0.046829	0.292447	0.343314	0.553296	1.189058	0.267106	0	0.050925	0.318031	1.373257	1.580847	3.272134	75671.51	0	2353.76	78025.27	0.934257
Statewide Totals	2023	MDV	Aggregate	Aggregate	Diesel	65867.56194	2599892	2599892	0	309207.4286	0	0.297298	0	0	0.297298	0.021789	0	0	0.021789	0.005732	0.009067	0.036588	0.022774	0	0	0.022774	0.022927	0.025906	0.071607	1231.535	0	0	1231.535	0.002262
Statewide Totals	2023	MDV	Aggregate	Aggregate	Electricity	26135.37207	962892.3	0	962892.3	134177.0928	371755.9	0	0	0	0	0	0	0	0	0.002123	0.001617	0.00374	0	0	0	0	0.008491	0.004621	0.013113	0	0	0	0	0
Statewide Totals	2023	MDV	Aggregate	Aggregate	Plug-in Hybrid	23912.36274	1118720	556974.2	561745.4	98877.61994	169663.9	0.004072	0	0.012359	0.016431	0.000873	0	0.000239	0.001112	0.002466	0.001694	0.005272	0.000949	0	0.00026	0.001209	0.009865	0.004841	0.015916	176.375	0	10.55466	186.9296	0.000594
Statewide Totals	2023	MH	Aggregate	Aggregate	Gasoline	89319.86033	806575.9	806575.9	0	8935.558827	0	0.41528	0	0.004041	0.419322	0.001343	0	4E-06	0.001347	0.002667	0.013715	0.01773	0.001461	0	4.35E-06	0.001465	0.010669	0.039186	0.051321	1655.66	0	0.31231	1655.972	0.014497
Statewide Totals	2023	MH	Aggregate	Aggregate	Diesel	35755.26492	338930.5	338930.5	0	3575.526492	0	1.661372	0	0	1.661372	0.043943	0	0	0.043943	0.001494	0.005744	0.051181	0.04593	0	0	0.04593	0.005978	0.016411	0.068318	390.6641	0	0	390.6641	0.001892
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Gasoline	50417.14972	2694426	2694426	0	1008746.331	0	1.576546	0.004931	0.486883	2.068361	0.003305	0	0.000585	0.00389	0.00891	0.045687	0.058487	0.003595	0	0.000636	0.004231	0.035641	0.130535	0.170407	5117.481	30.28345	52.11752	5199.882	0.047795
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Diesel	273233.311	12042684	12042684	0	3255560.402	0	16.40557	4.136614	5.788263	26.33045	0.188069	0.009901	0	0.19797	0.039824	0.205694	0.443489	0.196573	0.010349	0	0.206922	0.159297	0.587697	0.953917	14851.41	681.0071	0	15532.41	0.01732
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Electricity	140.7839045	3172.906	0	3172.906	1743.928821	3374.733	0	0	0	0	0	0	0	0	1.05E-05	2.71E-05	3.76E-05	0	0	0	0	4.2E-05	7.74E-05	0.000119	0	0	0	0	0
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Natural Gas	2886.251263	141697.1	141697.1	0	25731.03603	0	0.017926	0.021041	0	0.038968	0.000159	5.78E-05	0	0.000216	0.000469	0.002427	0.003112	0.000173	6.29E-05	0	0.000235	0.001874	0.006934	0.009043	142.7534	17.2308	0	159.9842	0.098311
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Gasoline	13662.362	631183.2	631183.2	0	273356.5389	0	0.405569	0.000977	0.12285	0.529396	0.000601	0	8.67E-05	0.000688	0.002087	0.010783	0.013559	0.000654	0	9.43E-05	0.000748	0.008349	0.03081	0.039907	1218.097	5.762044	9.634171	1233.493	0.011024
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Diesel	9734.290191	721872.5	721872.5	0	113900.737	0	1.376111	0.133869	0.202342	1.712322	0.028259	0.000189	0	0.028448	0.002387	0.016287	0.047123	0.029537	0.000198	0	0.029735	0.009549	0.046535	0.085818	1099.621	27.8232	0	1127.444	0.002586
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Natural Gas	698.4803061	42569.09	42569.09	0	6216.474724	0	0.008095	0.0012	0	0.009295	3.51E-05	2.62E-06	0	3.77E-05	0.000141	0.00073	0.000909	3.82E-05	2.85E-06	0	4.1E-05	0.000563	0.002086	0.002691	43.86601	0.936012	0	44.80202	0.02804
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Gasoline	6403.730516	339813.1	339813.1	0	25614.92206	0	0.254366	0.006512	0.019972	0.28085	0.000409	0	1.55E-05	0.000425	0.000749	0.005997	0.007171	0.000445	0	1.69E-05	0.000462	0.002997	0.017135	0.020594	321.6418	18.50448	1.68119	341.8275	0.006376
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Diesel	19414.91179	430279.2	430279.2	0	281127.9227	0	2.624215	0.555175	0.122982	3.302371	0.014092	0.000622	0	0.014714	0.001423	0.007538	0.023675	0.014729	0.00065	0	0.015379	0.005692	0.021537	0.042608	559.4635	48.54663	0	608.0101	0.001895
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Electricity	11.117014	129.1349	0	129.1349	160.9743628	141.657	0	0	0	0	0	0	0	0	4.27E-07	1.14E-06	1.57E-06	0	0	0	0	1.71E-06	3.25E-06	4.96E-06	0	0	0	0	0
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Natural Gas	4168.044912	105067.2	105067.2	0	60353.29033	0	0.085443	0.024015	0	0.109459	0.000456	5.7E-05	0	0.000513	0.000347	0.00188	0.002741	0.000496	6.2E-05	0	0.000558	0.00139	0.005371	0.007319	183.9127	19.17418	0	203.0868	0.491089
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Gasoline	2809.410052	241270.2	241270.2	0	11237.64021	0	0.036036	0	0.009387	0.045424	0.000271	0	5.67E-06	0.000276	0.00065	0.009254	0.01018	0.000294	0	6.16E-06	0.0003	0.002599	0.026439	0.029338	356.4943	0	0.960782	357.4551	0.000817

Statewide Totals	2023	UBUS	Aggregate	Aggregate	Diesel	3568.887883	358275.8	358275.8	0	14275.55153	0	0.310931	0	0	0.310931	0.002673	0	0	0.002673	0.003091	0.015187	0.020951	0.002794	0	0	0.002794	0.012363	0.043391	0.058548	499.411	0	0	499.411	0.001513
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Electricity	194.4700747	9492.541	0	9492.541	777.8802988	18663.86	0	0	0	0	0	0	0	0	8.1E-05	0.000201	0.000282	0	0	0	0	0.000324	0.000574	0.000898	0	0	0	0	0
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Natural Gas	7792.238467	906946.2	906946.2	0	31168.95387	0	0.51948	0	0	0.51948	0.00047	0	0	0.00047	0.00816	0.038387	0.047017	0.000491	0	0	0.000491	0.032639	0.109678	0.142808	2149.247	0	0	2149.247	2.59985
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Gasoline	150.1221926	9389.359	9389.359	0	3003.64483	0	0.079921	0	0.002624	0.082545	2.24E-05	0	4.63E-06	2.7E-05	5.17E-05	0.000343	0.000421	2.43E-05	0	5.03E-06	2.94E-05	0.000207	0.000979	0.001215	23.21137	0	0.181106	23.39248	0.002162
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Diesel	307158.3392	42799671	42799671	0	4993670.454	0	83.68647	25.65034	15.2435	124.5803	1.29903	0.01202	0	1.31105	0.418577	1.264842	2.994469	1.357767	0.012563	0	1.37033	1.674306	3.613834	6.658471	74657.32	4955.324	0	79612.64	0.032976
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Electricity	918.0862041	104803.2	0	104803.2	13920.55745	190780.1	0	0	0	0	0	0	0	0	0.001011	0.001579	0.002591	0	0	0	0	0.004046	0.004512	0.008558	0	0	0	0	0
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Natural Gas	17975.30799	1182489	1182489	0	129220.366	0	1.349618	0.199683	0	1.549301	0.00275	0.000361	0	0.003111	0.011731	0.068612	0.083455	0.002991	0.000393	0	0.003383	0.046925	0.196036	0.246344	1675.765	175.8829	0	1851.648	2.380699
Statewide Totals	2024	LDA	Aggregate	Aggregate	Gasoline	12932359.29	5.08E+08	5.08E+08	0	59956651.18	0	24.16913	0	16.87067	41.0398	0.721321	0	0.129196	0.850516	1.120234	1.506025	3.476775	0.784502	0	0.140512	0.925014	4.480936	4.302928	9.708878	159617.2	0	4630.758	164247.9	1.461001
Statewide Totals	2024	LDA	Aggregate	Aggregate	Diesel	46051.85515	1393608	1393608	0	193568.352	0	0.360682	0	0	0.360682	0.029534	0	0	0.029534	0.003072	0.004164	0.036771	0.03087	0	0	0.03087	0.01229	0.011897	0.055056	373.2551	0	0	373.2551	0.002382
Statewide Totals	2024	LDA	Aggregate	Aggregate	Electricity	698860.9626	32845574	0	32845574	3479885.059	12681103	0	0	0	0	0	0	0	0	0.072412	0.055386	0.127798	0	0	0	0	0.289648	0.158245	0.447894	0	0	0	0	0
Statewide Totals	2024	LDA	Aggregate	Aggregate	Plug-in Hybrid	352849.7005	16532073	8174940	8357133	1459033.512	2524103	0.059784	0	0.182349	0.242133	0.01189	0	0.003242	0.015132	0.036447	0.025108	0.076688	0.012931	0	0.003526	0.016458	0.145788	0.071738	0.233984	2588.904	0	104.2021	2693.106	0.00874
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Gasoline	1316921.629	44795753	44795753	0	5731283.119	0	8.594696	0	2.843147	11.43784	0.106275	0	0.019594	0.125869	0.098758	0.163406	0.388034	0.115581	0	0.02131	0.136891	0.395031	0.466875	0.998798	16908.48	0	566.2977	17474.78	0.442141
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Diesel	676.7856698	9607.209	9607.209	0	1931.286038	0	0.016783	0	0	0.016783	0.002591	0	0	0.002591	2.12E-05	3.97E-05	0.002651	0.002708	0	0	0.002708	8.47E-05	0.000113	0.002906	4.528503	0	0	4.528503	0.000154
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Electricity	2849.746945	117980.1	0	117980.1	13553.7186	45550.05	0	0	0	0	0	0	0	0	0.00026	0.0002	0.00046	0	0	0	0	0.00104	0.00057	0.00161	0	0	0	0	0
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Plug-in Hybrid	1560.428983	79994.38	35736.68	44257.7	6452.373846	13367.14	0.000262	0	0.000806	0.001068	3.55E-05	0	9.81E-06	4.53E-05	0.000176	0.000123	0.000344	3.86E-05	0	1.07E-05	4.92E-05	0.000705	0.000351	0.001105	11.36378	0	0.492054	11.85583	3.84E-05
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Gasoline	6196167.719	2.47E+08	2.47E+08	0	28942872.05	0	20.49462	0	10.88476	31.37938	0.36405	0	0.062756	0.426806	0.54472	0.861421	1.832947	0.395937	0	0.068253	0.46419	2.178879	2.461204	5.104272	95585.04	0	2789.632	98374.68	0.910577
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Diesel	21611.88493	901223.1	901223.1	0	103162.9865	0	0.052806	0	0	0.052806	0.005379	0	0	0.005379	0.001987	0.003104	0.01047	0.005623	0	0	0.005623	0.007947	0.008868	0.022438	315.937	0	0	315.937	0.000773
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Electricity	35461.74152	1293238	0	1293238	181272.4381	499296.6	0	0	0	0	0	0	0	0	0.002851	0.002175	0.005026	0	0	0	0	0.011404	0.006213	0.017617	0	0	0	0	0
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Plug-in Hybrid	47478.43761	2337538	1091736	1245802	196323.3395	376269.5	0.007999	0	0.024531	0.03253	0.001294	0	0.000357	0.001651	0.005153	0.003572	0.010376	0.001408	0	0.000388	0.001796	0.020614	0.010205	0.032614	346.6135	0	16.3035	362.917	0.00117
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Gasoline	533444.0247	20083806	20083806	0	7947521.136	0	4.454073	0.021734	5.659367	10.13517	0.031559	0	0.002968	0.034528	0.044277	0.604384	0.683189	0.034324	0	0.003228	0.037552	0.177109	1.726811	1.941472	16986.23	70.45167	226.1084	17282.79	0.18863
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Diesel	387023.5484	14655801	14655801	0	4868269.363	0	32.3735	0.90263	0	33.27614	0.626548	0.011363	0	0.63791	0.048466	0.441038	1.127415	0.654877	0.011876	0	0.666754	0.193863	1.26011	2.120727	9378.892	57.19366	0	9436.086	0.132704
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Electricity	1635.664727	123189.3	0	123189.3	22849.2004	74239.79	0	0	0	0	0	0	0	0	0.000272	0.001854	0.002125	0	0	0	0	0.001086	0.005296	0.006382	0	0	0	0	0
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Gasoline	76015.0326	2788467	2788467	0	1132510.723	0	0.517988	0.003086	0.807372	1.328446	0.003598	0	0.000305	0.003903	0.006148	0.097899	0.10795	0.003914	0	0.000331	0.004245	0.02459	0.279712	0.308547	2632.668	11.62224	31.93345	2676.224	0.016132
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Diesel	151207.1779	5947360	5947360	0	1901996.08	0	9.335175	0.337941	0	9.673116	0.210004	0.004428	0	0.214432	0.019668	0.208804	0.442903	0.219499	0.004628	0	0.224128	0.07867	0.596582	0.899379	4550.864	35.48906	0	4586.353	0.044773
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Electricity	423.3611801	30210.37	0	30210.37	5604.019645	18069.62	0	0	0	0	0	0	0	0	6.66E-05	0.00053	0.000597	0	0	0	0	0.000266	0.001515	0.001782	0	0	0	0	0
Statewide Totals	2024	MCY	Aggregate	Aggregate	Gasoline	694600.8573	4105359	4105359	0	1389201.715	0	2.740083	0	0.226535	2.966617	0.008715	0	0.005035	0.01375	0.004525	0.019007	0.037282	0.00931	0	0.005351	0.014661	0.018102	0.054305	0.087067	877.1475	0	77.5431	954.6906	0.834442
Statewide Totals	2024	MDV	Aggregate	Aggregate	Gasoline	4197180.652	1.57E+08	1.57E+08	0	19226776.71	0	20.39704	0	9.883717	30.28076	0.234636	0	0.044483	0.279119	0.345279	0.555102	1.179501	0.25518	0	0.048377	0.303557	1.381117	1.586007	3.270681	74374.91	0	2295.878	76670.79	0.829541
Statewide Totals	2024	MDV	Aggregate	Aggregate	Diesel	65919.2075	2563763	2563763	0	307396.5129	0	0.268296	0	0	0.268296	0.020486	0	0	0.020486	0.005652	0.009006	0.035144	0.021412	0	0	0.021412	0.022609	0.025731	0.069752	1199.138	0	0	1199.138	0.002144
Statewide Totals	2024	MDV	Aggregate	Aggregate	Electricity	38622.03033	1409204	0	1409204	197450.8317	544069.1	0	0	0	0	0	0	0	0	0.003107	0.002369	0.005476	0	0	0	0	0.012427	0.006769	0.019196	0	0	0	0	0
Statewide Totals	2024	MDV	Aggregate	Aggregate	Plug-in Hybrid	29857.21919	1395121	669668.5	725453	123459.6013	219108.4	0.00489	0	0.015431	0.020321	0.000958	0	0.000272	0.00123	0.003076	0.002122	0.006428	0.001042	0	0.000296	0.001338	0.012303	0.006063	0.019704	211.8657	0	12.82572	224.6914	0.00071
Statewide Totals	2024	MH	Aggregate	Aggregate	Gasoline	84519.02068	770352.3	770352.3	0	8455.282829	0	0.358835	0	0.003908	0.362744	0.001218	0	3.59E-06	0.001222	0.002548	0.013095	0.016865	0.001325	0	3.9E-06	0.001329	0.01019	0.037415	0.048934	1580.849	0	0.293749	1581.142	0.012159
Statewide Totals	2024	MH	Aggregate	Aggregate	Diesel	35749.85546	337480.4	337480.4	0	3574.985546	0	1.607655	0	0	1.607655	0.04211	0	0	0.04211	0.001488	0.005718	0.049316	0.044014	0	0	0.044014	0.005952	0.016336	0.066302	388.931	0	0	388.931	0.001848
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Gasoline	49136.19872	2647286	2647286	0	983117.064	0	1.329173	0.004816	0.463373	1.797362	0.00319	0	0.000541	0.003731	0.008754	0.044872	0.057357	0.00347	0	0.000588	0.004058	0.035018	0.128205	0.167281	4976.102	29.30065	50.03658	5055.439	0.039542
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Diesel	277729.3742	12176259	12176259	0	3314941.147	0	15.23975	4.058646	5.955458	25.25385	0.168451	0.008391	0	0.176842	0.040266	0.207909	0.425017	0.176068	0.00877	0	0.184838	0.161064	0.594026	0.939929	14960.3	687.0363	0	15647.33	0.015444
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Electricity	845.6620898	47203.34	0	47203.34	10926.65637	50979.04	0	0	0	0	0	0	0	0	0.000156	0.000403	0.000559	0	0	0	0	0.000624	0.001151	0.001775	0	0	0	0	0
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Natural Gas	3069.097721	148297.4	148297.4	0	27145.4112	0	0.017959	0.022405	0	0.040364	0.00017	6.31E-05	0	0.000233	0.00049	0.002539	0.003263	0.000185	6.87E-05	0	0.000253	0.001962	0.007256	0.009471	148.62	18.41299	0	167.033	0.103488
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Gasoline	13168.72407	597323.2	597323.2	0	263479.8311	0	0.358595	0.000942	0.118731	0.478268	0.000583	0	8.33E-05	0.000666	0.001975	0.010211	0.012853	0.000634	0	9.06E-05	0.000725	0.007901	0.029175	0.037801	1142.871	5.526333	9.224805	1157.622	0.009629
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Diesel	9912.904788	724559.1	724559.1	0	116162.5498	0	1.375859	0.136154	0.207084	1.719097	0.028235	0.000183	0	0.028418	0.002396	0.016357	0.047171	0.029512	0.000191	0	0.029703	0.009584	0.046735	0.086022	1099.178	28.24725	0	1127.426	0.0026
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Electricity	25.11359913	2191.95	0	2191.95	502.4728913	2370.847	0	0	0	0	0	0	0	0	7.25E-06	1.87E-05	2.59E-05	0	0	0	0	2.9E-05	5.34E-05	8.24E-05	0	0	0	0	0
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Natural Gas	719.5197677	43318.58	43318.58	0	6403.725932	0	0.007962	0.001233	0	0.009195	3.76E-05	2.77E-06	0	4.04E-05	0.000143	0.000744	0.000928	4.09E-05	3.01E-06	0	4.39E-05	0.000573	0.002126	0.002743	44.50784	0.963965	0	45.47181	0.028966
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Gasoline	6487.545912	345599.5	345599.5	0	25950.18365	0	0.246014	0.006603	0.020649	0.273267	0.000403	0	1.57E-05	0.000419	0.000762	0.0061	0.007281	0.000439	0	1.7E-05	0.000456	0.003048	0.017428	0.020932	325.887	18.68163	1.684178	346.2528	0.005993
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Diesel	19340.77878	426182.5	426182.5	0	280054.4768	0	2.456633	0.539742	0.128802	3.125178	0.013069	0.000571	0	0.01364	0.001409	0.007465	0.022514	0.01366	0.000596	0	0.014256	0.005637	0.021329	0.041222	551.5071	48.18731	0	599.6944	0.001806
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Electricity	70.00474153	2045.093	0	2045.093	869.3357635	2237.458	0	0	0	0	0	0	0	0	5.99E-06	1.8E-05	2.4E-05	0	0	0	0	2.4E-05	5.15E-05	7.54E-05	0	0	0	0	0
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Natural Gas	4326.797243	107950.4	107950.4	0	62652.02408	0	0.084916	0.024883	0	0.109799	0.000469	6.03E-05	0	0.000529	0.000357	0.001931	0.002818	0.00051	6.56E-05	0	0.000576	0.001428	0.005519	0.007522	187.6298	19.92242	0	207.5522	0.497744
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Gasoline	2828.538626	242804.1	242804.1	0	11314.1545	0	0.033579	0	0.008982	0.042561	0.000311	0	6.34E-06	0.000317	0.000654	0.009312	0.010283	0.000338	0	6.9E-06	0.000345	0.002615	0.026607	0.029567	354.6929	0	0.963002	355.6559	0.000807
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Diesel	3498.151707	350115.8	350115.8	0	13992.60683	0	0.145421	0	0	0.145421	0.002546	0	0	0.002546	0.003016	0.014837	0.0204	0.002661	0	0	0.002661	0.012066	0.042392	0.05712	472.6904	0	0	472.6904	0.001206
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Electricity	313.7352588	24321.75	0	24321.75	1254.941035	46816.64	0	0	0	0	0	0	0	0	0.00022	0.000516	0.000735	0	0	0	0	0.000878	0.001473	0.002351	0	0	0	0	0
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Natural Gas	7829.208403	909762.2	909762.2	0	31316.83361	0	0.481057	0	0	0.481057	0.000464	0	0	0.000464	0.008181	0.038509	0.047154	0.000485	0	0	0.000485	0.032725	0.110026	0.143236	2132.111	0	0	2132.111	2.773741
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Gasoline	126.6603815	8734.328	8734.328	0	2534.220914	0	0.066097	0	0.001825	0.067922	1.81E-05	0	3.45E-06	2.15E-05	4.81E-05	0.000312	0.000382	1.97E-05	0	3.75E-06	2.34E-05	0.000193	0.000892	0.001108	21.0604	0	0.153339	21.21374	0.001684
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Diesel	315961.6421	43487031	43487031	0	5139396.516	0	81.88764	25.82029	15.84766	123.5556	1.301437	0.011872	0	1.31331	0.425361	1.285225	3.023895	1.360283	0.012409	0	1.372692	1.701442	3.672071	6.746204	74649.07	4989.487	0	79638.56	0.032354
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Electricity	2016.602043	241557.2	0	241557.2	29746.7794	439847	0	0	0	0	0	0	0	0	0.002324	0.0037	0.006024	0	0	0	0	0.009296	0.01057	0.019867	0	0	0	0	0
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Natural Gas	18819.84091	1219354	1219354	0	135122.5135	0	1.269296	0.20322	0	1.472516	0.00269	0.000389	0	0.003079	0.012097	0.07117	0.086346	0.002925	0.000423	0	0.003348	0.048388	0.203342	0.255079	1706.423	183.2992	0	1889.722	2.314852
Statewide Totals	2025	LDA	Aggregate	Aggregate	Gasoline	12837662.63	5.04E+08	5.04E+08	0	59480990.17	0	21.78249	0	15.97934	37.76183	0.694046	0	0.124743	0.818789	1.110718	1.492202	3.421709	0.754838	0	0.135669	0.890508	4.442871	4.263434	9.596813	154977.9	0	4491.924	159469.8	1.317941
Statewide Totals	2025	LDA	Aggregate	Aggregate	Diesel	42627.74547	1266876	1266876	0	178260.3107	0	0.296086	0	0	0.296086	0.024901	0	0	0.024901	0.002793	0.003794	0.031488	0.026027	0	0	0.026027	0.011172	0.010841	0.04804	336.1906	0	0	336.1906	0.002044
Statewide Totals	2025	LDA	Aggregate	Aggregate	Electricity	792351.2526	38110990	0	38110990	3931211.032	14713988	0	0	0	0	0	0	0	0	0.08402	0.064291	0.148312	0	0	0	0	0.336081	0.183689	0.519771	0	0	0	0	0
Statewide Totals	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	383663.1494	17814254	8595793	9218461	1586447.123	2784250	0.062849	0	0.198304	0.261153	0.011977	0	0.003386	0.015363	0.039274	0.02714	0.081777	0.013026	0	0.003683	0.016709	0.157095	0.077542	0.251345	2721.071	0	111.4725	2832.544	0.009145
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Gasoline	1284221.585	43707489	43707489	0	5587632.307	0	7.577018	0	2.616372	10.19339	0.097434	0	0.018045	0.115479	0.096359	0.159348	0.371186	0.105968	0	0.019626	0.125594	0.385434	0.455281	0.966309	16205.92	0	539.5178	16745.43	0.389447
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Diesel	610.9429377	8457.803	8457.803	0	1710.135228	0	0.014708	0	0	0.014708	0.002271	0	0	0.002271	1.86E-05	3.49E-05	0.002325	0.002374	0	0	0.002374	7.46E-05	9.97E-05	0.002548	3.984422	0	0	3.984422	0.000135
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Electricity	3472.828315	154253.7	0	154253.7	16713.30189	59554.66	0	0	0	0	0	0	0	0	0.00034	0.000261	0.000601	0	0	0	0	0.00136	0.000744	0.002105	0	0	0	0	0
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Plug-in Hybrid	2255.842729	114380.2	49613.65	64766.53	9327.909685	19561.42	0.000364	0	0.001165	0.001528	4.86E-05	0	1.4E-05	6.27E-05	0.000252	0.000176	0.000491	5.29E-05	0	1.52E-05	6.82E-05	0.001009	0.000503	0.00158	15.77097	0	0.695256	16.46623	5.3E-05
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Gasoline	6307223.657	2.51E+08	2.51E+08	0	29454216.16	0	18.68909	0	10.36782	29.05691	0.358823	0	0.062371	0.421194	0.553968	0.876119	1.851281	0.390253	0	0.067834	0.458087	2.215874	2.503196	5.177156	94786.08	0	2763.38	97549.46	0.847395
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Diesel	22395.20738	926401.2	926401.2	0	106650.0772	0	0.048693	0	0	0.048693	0.005102	0	0	0.005102	0.002042	0.003201	0.010345	0.005333	0	0	0.005333	0.008169	0.009146	0.022648	318.0267	0	0	318.0267	0.000769
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Electricity	47977.69378	1724694	0	1724694	244230.8906	665874.1	0	0	0	0	0	0	0	0	0.003802	0.002902	0.006704	0	0	0	0	0.015209	0.008291	0.0235	0	0	0	0	0
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Plug-in Hybrid	57212.95714	2772425	1261716	1510709	236575.5778	456279.2	0.009242	0	0.029564	0.038806	0.001441	0	0.000414	0.001856	0.006112	0.00425	0.012218	0.001568	0	0.000451	0.002019	0.024449	0.012143	0.03861	400.3858	0	19.2592	419.645	0.001345
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Gasoline	527137.6454	19931917	19931917	0	7853565.482	0	3.946329	0.020924	5.436326	9.403579	0.030366	0	0.002716	0.033082	0.043942	0.599813	0.676838	0.033026	0	0.002954	0.03598	0.175769	1.713752	1.925501	16512.57	69.05067	223.0748	16804.69	0.164532
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Diesel	384627.7226	14526242	14526242	0	4838132.889	0	29.22327	0.865577	0	30.08884	0.584378	0.01125	0	0.595628	0.048037	0.43714	1.080805	0.610801	0.011759	0	0.62256	0.192149	1.24897	2.063679	9236.446	56.32389	0	9292.769	0.124032
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Electricity	4531.776014	316257.1	0	316257.1	63376.2918	190691.6	0	0	0	0	0	0	0	0	0.000697	0.004759	0.005456	0	0	0	0	0.002789	0.013596	0.016385	0	0	0	0	0
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Gasoline	74953.4414	2743021	2743021	0	1116694.596	0	0.459186	0.002963	0.775797	1.237946	0.003462	0	0.000279	0.003741	0.006047	0.096304	0.106092	0.003765	0	0.000304	0.004069	0.024189	0.275153	0.303412	2545.185	11.38034	31.27185	2587.837	0.014139
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Diesel	153118.7737	5976482	5976482	0	1926041.55	0	8.605494	0.329133	0	8.934627	0.201233	0.004489	0	0.205722	0.019764	0.209826	0.435312	0.210332	0.004692	0	0.215024	0.079055	0.599503	0.893582	4529.551	35.60768	0	4565.158	0.042884
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Electricity	1164.198657	77205.83	0	77205.83	15438.4225	46194.57	0	0	0	0	0	0	0	0	0.00017	0.001355	0.001526	0	0	0	0	0.000681	0.003872	0.004553	0	0	0	0	0
Statewide Totals	2025	MCY	Aggregate	Aggregate	Gasoline	697353.6509	4101197	4101197	0	1394707.302	0	2.67134	0	0.217601	2.888941	0.008784	0	0.00502	0.013804	0.004521	0.018987	0.037312	0.00939	0	0.005339	0.014728	0.018083	0.05425	0.087061	873.7689	0	76.18971	949.9586	0.811951
Statewide Totals	2025	MDV	Aggregate	Aggregate	Gasoline	4198402.185	1.57E+08	1.57E+08	0	19230832.12	0	17.90432	0	9.083029	26.98735	0.225681	0	0.042813	0.268494	0.345422	0.555317	1.169233	0.245447	0	0.046563	0.29201	1.381687	1.586621	3.260318	72663.49	0	2239.024	74902.51	0.740716
Statewide Totals	2025	MDV	Aggregate	Aggregate	Diesel	65690.94984	2509511	2509511	0	304580.1864	0	0.238782	0	0	0.238782	0.018829	0	0	0.018829	0.005533	0.008883	0.033245	0.019681	0	0	0.019681	0.02213	0.02538	0.067191	1157.314	0	0	1157.314	0.002008
Statewide Totals	2025	MDV	Aggregate	Aggregate	Electricity	51965.80707	1867219	0	1867219	264486.2613	720900.5	0	0	0	0	0	0	0	0	0.004117	0.003142	0.007258	0	0	0	0	0.016466	0.008976	0.025442	0	0	0	0	0
Statewide Totals	2025	MDV	Aggregate	Aggregate	Plug-in Hybrid	36338.09511	1684034	781746.1	902287.6	150258.0233	272517.7	0.00571	0	0.01878	0.02449	0.001044	0	0.000309	0.001353	0.003713	0.002573	0.007638	0.001135	0	0.000336	0.001471	0.014851	0.00735	0.023672	247.367	0	15.2072	262.5742	0.000825
Statewide Totals	2025	MH	Aggregate	Aggregate	Gasoline	80354.9193	735820.1	735820.1	0	8038.706126	0	0.312837	0	0.003792	0.316629	0.001117	0	3.28E-06	0.001121	0.002433	0.012507	0.016061	0.001215	0	3.57E-06	0.001219	0.009733	0.035735	0.046687	1509.166	0	0.277762	1509.443	0.010443
Statewide Totals	2025	MH	Aggregate	Aggregate	Diesel	35686.68487	334282.8	334282.8	0	3568.668487	0	1.547715	0	0	1.547715	0.040023	0	0	0.040023	0.001474	0.005663	0.047159	0.041832	0	0	0.041832	0.005896	0.016179	0.063907	385.2881	0	0	385.2881	0.001794
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Gasoline	47979.48043	2589381	2589381	0	959973.4445	0	1.120606	0.004621	0.440357	1.565584	0.003094	0	0.000507	0.003601	0.008563	0.043893	0.056057	0.003365	0	0.000551	0.003916	0.034252	0.125407	0.163575	4815.788	28.39855	48.16081	4892.347	0.032839
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Diesel	283391.9198	12272300	12272300	0	3387538.256	0	14.00337	3.936493	6.094554	24.03442	0.149214	0.007058	0	0.156272	0.040584	0.209542	0.406397	0.155961	0.007377	0	0.163338	0.162335	0.59869	0.924363	14993.93	694.6095	0	15688.54	0.013619
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Electricity	2457.805048	136285.2	0	136285.2	31554.19973	146451.6	0	0	0	0	0	0	0	0	0.000451	0.001163	0.001614	0	0	0	0	0.001803	0.003322	0.005125	0	0	0	0	0
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Natural Gas	3268.742096	154575.6	154575.6	0	28802.85318	0	0.01788	0.023847	0	0.041727	0.000182	6.88E-05	0	0.000251	0.000511	0.002647	0.003409	0.000198	7.49E-05	0	0.000272	0.002045	0.007564	0.009881	154.2185	19.66339	0	173.8819	0.108708
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Gasoline	12688.13863	562871.6	562871.6	0	253864.2778	0	0.317506	0.000896	0.113957	0.43236	0.000563	0	8.03E-05	0.000643	0.001861	0.009621	0.012125	0.000612	0	8.73E-05	0.000699	0.007446	0.027488	0.035633	1066.555	5.297397	8.832418	1080.685	0.008401
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Diesel	10199.28712	727468.1	727468.1	0	120075.8607	0	1.335519	0.136205	0.213092	1.684816	0.02738	0.000176	0	0.027557	0.002406	0.016433	0.046396	0.028618	0.000184	0	0.028803	0.009623	0.046952	0.085378	1092.699	29.0576	0	1121.757	0.002531
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Electricity	61.64718098	5272.884	0	5272.884	1233.436797	5703.46	0	0	0	0	0	0	0	0	1.74E-05	4.5E-05	6.24E-05	0	0	0	0	6.97E-05	0.000128	0.000198	0	0	0	0	0
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Natural Gas	755.5383001	44530.78	44530.78	0	6724.290871	0	0.007575	0.001289	0	0.008864	4.18E-05	3.05E-06	0	4.48E-05	0.000147	0.000765	0.000957	4.55E-05	3.31E-06	0	4.88E-05	0.000589	0.002185	0.002823	45.10853	1.009095	0	46.11763	0.030215
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Gasoline	6558.351237	348706.7	348706.7	0	26233.40495	0	0.232549	0.006589	0.021207	0.260344	0.000392	0	1.57E-05	0.000408	0.000769	0.006156	0.007332	0.000427	0	1.71E-05	0.000444	0.003075	0.017587	0.021106	327.5916	18.8198	1.68328	348.0947	0.005538
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Diesel	19238.84453	421680.3	421680.3	0	278578.4688	0	2.289389	0.521008	0.13364	2.944038	0.012127	0.000523	0	0.01265	0.001394	0.007385	0.02143	0.012676	0.000546	0	0.013222	0.005578	0.0211	0.0399	543.1055	47.73781	0	590.8433	0.001718
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Electricity	151.4872704	4630.489	0	4630.489	1878.889159	5066.355	0	0	0	0	0	0	0	0	1.36E-05	4.08E-05	5.44E-05	0	0	0	0	5.45E-05	0.000117	0.000171	0	0	0	0	0
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Natural Gas	4484.089506	110694.5	110694.5	0	64929.61605	0	0.084326	0.025743	0	0.11007	0.000481	6.35E-05	0	0.000544	0.000366	0.001981	0.002891	0.000523	6.91E-05	0	0.000592	0.001464	0.005659	0.007715	191.1301	20.66377	0	211.7939	0.503875
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Gasoline	2845.621439	244141.1	244141.1	0	11382.48575	0	0.033457	0	0.008779	0.042236	0.000332	0	6.72E-06	0.000339	0.000657	0.009363	0.010359	0.000361	0	7.3E-06	0.000368	0.002629	0.026751	0.029749	353.3199	0	0.965426	354.2853	0.000792
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Diesel	3484.197608	348958	348958	0	13936.79043	0	0.144571	0	0	0.144571	0.002539	0	0	0.002539	0.003001	0.014786	0.020326	0.002654	0	0	0.002654	0.012002	0.042247	0.056903	471.1033	0	0	471.1033	0.001201
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Electricity	395.5556669	35355.34	0	35355.34	1582.222668	68611.1	0	0	0	0	0	0	0	0	0.000317	0.00075	0.001067	0	0	0	0	0.001268	0.002142	0.00341	0	0	0	0	0
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Natural Gas	7848.692119	909542.8	909542.8	0	31394.76848	0	0.453127	0	0	0.453127	0.000472	0	0	0.000472	0.008187	0.038501	0.047159	0.000493	0	0	0.000493	0.032746	0.110002	0.143242	2110.718	0	0	2110.718	2.886391

Statewide Totals	2026	HHDT	Aggregate	Aggregate	Gasoline	102.1698496	8117.226	8117.226	0	2044.214352	0	0.046717	0	0.000517	0.047235	1.35E-05	0	2.16E-06	1.56E-05	4.47E-05	0.000285	0.000346	1.47E-05	0	2.35E-06	1.7E-05	0.000179	0.000815	0.001011	18.99201	0	0.122818	19.11483	0.001244
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Diesel	323622.8486	44147348	44147348	0	5266387.38	0	80.36823	25.85841	16.34897	122.5756	1.313826	0.011707	0	1.325532	0.431887	1.311603	3.069023	1.373231	0.012236	0	1.385467	1.727548	3.747438	6.860453	74562.4	5007.23	0	79569.63	0.031842
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Electricity	3519.608454	425340.4	0	425340.4	52038.79254	774421.8	0	0	0	0	0	0	0	0	0.004094	0.006721	0.010815	0	0	0	0	0.016377	0.019202	0.035579	0	0	0	0	0
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Natural Gas	19576.3023	1252668	1252668	0	140280.1388	0	1.189501	0.205494	0	1.394995	0.002634	0.000415	0	0.003049	0.012427	0.073549	0.089025	0.002865	0.000451	0	0.003316	0.04971	0.210139	0.263164	1732.772	189.6642	0	1922.436	2.239846
Statewide Totals	2026	LDA	Aggregate	Aggregate	Gasoline	12771098.48	5E+08	5E+08	0	59152857.36	0	19.86115	0	15.21853	35.07968	0.664233	0	0.120636	0.784869	1.102769	1.478121	3.365759	0.722414	0	0.131202	0.853617	4.411075	4.223203	9.487894	150638.1	0	4367.68	155005.8	1.198625
Statewide Totals	2026	LDA	Aggregate	Aggregate	Diesel	38753.57848	1143625	1143625	0	162077.9253	0	0.235621	0	0	0.235621	0.01992	0	0	0.01992	0.002521	0.003424	0.025865	0.02082	0	0	0.02082	0.010085	0.009782	0.040687	299.9251	0	0	299.9251	0.001688
Statewide Totals	2026	LDA	Aggregate	Aggregate	Electricity	870559.1886	41201804	0	41201804	4299874.804	15907297	0	0	0	0	0	0	0	0	0.090834	0.069543	0.160377	0	0	0	0	0.363338	0.198694	0.562032	0	0	0	0	0
Statewide Totals	2026	LDA	Aggregate	Aggregate	Plug-in Hybrid	409333.8544	18705425	8848460	9856964	1692595.488	2977097	0.064631	0	0.211605	0.276236	0.011776	0	0.003464	0.015241	0.041238	0.028556	0.085035	0.012807	0	0.003768	0.016575	0.164954	0.081588	0.263117	2798.271	0	117.262	2915.533	0.009355
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Gasoline	1253937.171	42656831	42656831	0	5456152.65	0	6.688779	0	2.412918	9.101697	0.08944	0	0.01669	0.106129	0.094042	0.155136	0.355307	0.097274	0	0.018152	0.115425	0.376169	0.443245	0.934839	15531.96	0	514.7663	16046.73	0.343015
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Diesel	518.9081868	7018.171	7018.171	0	1429.138572	0	0.012025	0	0	0.012025	0.001857	0	0	0.001857	1.55E-05	2.88E-05	0.001901	0.001941	0	0	0.001941	6.19E-05	8.24E-05	0.002085	3.291924	0	0	3.291924	0.00011
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Electricity	4237.205829	192705.1	0	192705.1	20575.30727	74400.09	0	0	0	0	0	0	0	0	0.000425	0.000325	0.00075	0	0	0	0	0.001699	0.000929	0.002629	0	0	0	0	0
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Plug-in Hybrid	2993.043967	149253.9	63631.08	85622.86	12376.2368	25860.65	0.000466	0	0.001546	0.002011	5.98E-05	0	1.79E-05	7.76E-05	0.000329	0.00023	0.000637	6.5E-05	0	1.94E-05	8.45E-05	0.001316	0.000658	0.002058	20.20768	0	0.907971	21.11565	6.76E-05
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Gasoline	6421310.209	2.55E+08	2.55E+08	0	29974809.56	0	17.16018	0	9.951558	27.11174	0.350244	0	0.061635	0.411879	0.562018	0.88773	1.861627	0.380922	0	0.067034	0.447956	2.248074	2.536371	5.232401	93878.62	0	2740.63	96619.25	0.791892
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Diesel	23123.46426	946334.5	946334.5	0	109779.1317	0	0.046022	0	0	0.046022	0.005007	0	0	0.005007	0.002086	0.003273	0.010367	0.005234	0	0	0.005234	0.008345	0.009351	0.02293	318.3892	0	0	318.3892	0.000771
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Electricity	60082.44066	2125563	0	2125563	304367.561	820642.6	0	0	0	0	0	0	0	0	0.004686	0.003579	0.008265	0	0	0	0	0.018744	0.010225	0.028969	0	0	0	0	0
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Plug-in Hybrid	66397.59078	3154315	1409311	1745004	274554.0379	527043.3	0.010312	0	0.034315	0.044627	0.001538	0	0.000461	0.001999	0.006954	0.004845	0.013798	0.001673	0	0.000501	0.002174	0.027816	0.013843	0.043833	446.756	0	22.00969	468.7657	0.001492
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Gasoline	521612.9964	19776450	19776450	0	7771256.443	0	3.511954	0.020172	5.221635	8.753762	0.029451	0	0.002515	0.031966	0.0436	0.595135	0.6707	0.032031	0	0.002735	0.034766	0.174398	1.700385	1.909549	16080.6	67.78633	220.2515	16368.64	0.145763
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Diesel	381362.8537	14367443	14367443	0	4797064.945	0	26.2514	0.827497	0	27.07889	0.544706	0.011125	0	0.555831	0.047512	0.432361	1.035704	0.569335	0.011628	0	0.580963	0.190049	1.235317	2.006329	9090.356	55.34332	0	9145.7	0.115763
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Electricity	8665.640013	577819.8	0	577819.8	121229.6477	348649.3	0	0	0	0	0	0	0	0	0.001274	0.008694	0.009968	0	0	0	0	0.005095	0.024841	0.029936	0	0	0	0	0
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Gasoline	73861.91569	2697683	2697683	0	1100432.489	0	0.402293	0.002843	0.744675	1.149811	0.003329	0	0.000254	0.003583	0.005947	0.094712	0.104242	0.003621	0	0.000276	0.003897	0.023789	0.270605	0.298292	2463.037	11.13821	30.60697	2504.783	0.01201
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Diesel	154585.778	5988412	5988412	0	1944494.618	0	7.923938	0.319705	0	8.243642	0.192678	0.004539	0	0.197216	0.019803	0.210245	0.427265	0.20139	0.004744	0	0.206134	0.079213	0.6007	0.886046	4503.23	35.63004	0	4538.861	0.041042
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Electricity	2220.937497	140970.4	0	140970.4	29461.59266	84383.84	0	0	0	0	0	0	0	0	0.000311	0.002475	0.002785	0	0	0	0	0.001243	0.00707	0.008314	0	0	0	0	0
Statewide Totals	2026	MCY	Aggregate	Aggregate	Gasoline	700014.7542	4099380	4099380	0	1400029.508	0	2.609878	0	0.208997	2.818874	0.008842	0	0.005001	0.013843	0.004519	0.018979	0.037341	0.009456	0	0.005323	0.014779	0.018075	0.054226	0.08708	870.9426	0	74.89659	945.8392	0.791376
Statewide Totals	2026	MDV	Aggregate	Aggregate	Gasoline	4204928.575	1.57E+08	1.57E+08	0	19259443.84	0	15.82118	0	8.393793	24.21497	0.216555	0	0.041355	0.257909	0.345334	0.554358	1.157602	0.235522	0	0.044977	0.280499	1.381338	1.583881	3.245718	70968.41	0	2187.485	73155.89	0.666564
Statewide Totals	2026	MDV	Aggregate	Aggregate	Diesel	65283.43483	2448104	2448104	0	301015.693	0	0.211938	0	0	0.211938	0.017263	0	0	0.017263	0.005397	0.008706	0.031365	0.018043	0	0	0.018043	0.021589	0.024873	0.064505	1112.453	0	0	1112.453	0.001872
Statewide Totals	2026	MDV	Aggregate	Aggregate	Electricity	64706.90812	2287087	0	2287087	327700.6754	883004.5	0	0	0	0	0	0	0	0	0.005042	0.003851	0.008893	0	0	0	0	0.020169	0.011003	0.031172	0	0	0	0	0
Statewide Totals	2026	MDV	Aggregate	Aggregate	Plug-in Hybrid	42277.36374	1931382	875768.6	1055613	174816.8991	318826.7	0.006393	0	0.021851	0.028243	0.001093	0	0.000337	0.00143	0.004258	0.002958	0.008646	0.001189	0	0.000366	0.001555	0.017032	0.008452	0.027039	276.9496	0	17.3453	294.2949	0.000919
Statewide Totals	2026	MH	Aggregate	Aggregate	Gasoline	76490.3454	705607.6	705607.6	0	7652.094154	0	0.272111	0	0.003689	0.2758	0.00103	0	3.01E-06	0.001033	0.002333	0.011993	0.015359	0.00112	0	3.27E-06	0.001123	0.009334	0.034266	0.044723	1446.518	0	0.263053	1446.781	0.008908
Statewide Totals	2026	MH	Aggregate	Aggregate	Diesel	35579.49795	331268.2	331268.2	0	3557.949795	0	1.490545	0	0	1.490545	0.037953	0	0	0.037953	0.001461	0.005611	0.045024	0.039669	0	0	0.039669	0.005843	0.016032	0.061543	381.8867	0	0	381.8867	0.001742
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Gasoline	46911.61633	2534575	2534575	0	938607.6195	0	0.949769	0.004424	0.417374	1.371567	0.003028	0	0.000482	0.003509	0.008382	0.04297	0.054861	0.003293	0	0.000524	0.003817	0.033527	0.12277	0.160114	4666.192	27.55791	46.42256	4740.172	0.027679
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Diesel	288372.4752	12351100	12351100	0	3451074.301	0	12.831	3.800149	6.194135	22.82528	0.132621	0.005893	0	0.138515	0.040844	0.210893	0.390252	0.138618	0.00616	0	0.144778	0.163377	0.602552	0.910707	15004.61	700.4243	0	15705.04	0.011991
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Electricity	4528.830447	248001.2	0	248001.2	58038.188	266048.2	0	0	0	0	0	0	0	0	0.00082	0.002116	0.002936	0	0	0	0	0.00328	0.006046	0.009326	0	0	0	0	0
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Natural Gas	3462.307815	160559.3	160559.3	0	30435.34323	0	0.017756	0.025231	0	0.042987	0.000193	7.44E-05	0	0.000268	0.000531	0.00275	0.003549	0.00021	8.1E-05	0	0.000291	0.002124	0.007858	0.010273	159.6005	20.87482	0	180.4754	0.113793
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Gasoline	12243.45694	532273.1	532273.1	0	244967.0865	0	0.278129	0.00085	0.108951	0.38793	0.000544	0	7.76E-05	0.000622	0.00176	0.009097	0.011479	0.000592	0	8.44E-05	0.000676	0.007041	0.02599	0.033707	998.6248	5.084963	8.461861	1012.172	0.007288
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Diesel	10464.81882	730601.5	730601.5	0	123670.3047	0	1.296863	0.135467	0.218153	1.650483	0.026491	0.000169	0	0.02666	0.002416	0.016566	0.045642	0.027689	0.000176	0	0.027865	0.009664	0.047333	0.084862	1086.259	29.78158	0	1116.04	0.002448
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Electricity	103.3381445	8689.382	0	8689.382	2067.589595	9399.347	0	0	0	0	0	0	0	0	2.87E-05	7.41E-05	0.000103	0	0	0	0	0.000115	0.000212	0.000327	0	0	0	0	0
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Natural Gas	788.3340899	45677.12	45677.12	0	7016.1734	0	0.007187	0.00134	0	0.008527	4.58E-05	3.3E-06	0	4.91E-05	0.000151	0.000784	0.000984	4.98E-05	3.59E-06	0	5.34E-05	0.000604	0.002241	0.002898	45.64694	1.049912	0	46.69685	0.031399
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Gasoline	6624.107403	351597.2	351597.2	0	26496.42961	0	0.219923	0.006575	0.021931	0.248428	0.000382	0	1.58E-05	0.000398	0.000775	0.006207	0.00738	0.000415	0	1.72E-05	0.000432	0.003101	0.017735	0.021268	329.1096	18.94402	1.681561	349.7352	0.005087
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Diesel	19101.16745	416834.2	416834.2	0	276584.9046	0	2.121891	0.499823	0.1382	2.759913	0.011292	0.000477	0	0.011769	0.001378	0.007299	0.020446	0.011803	0.000498	0	0.012301	0.005514	0.020854	0.038668	534.3531	47.17943	0	581.5326	0.001629
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Electricity	256.4759009	7814.46	0	7814.46	3196.045918	8550.601	0	0	0	0	0	0	0	0	2.31E-05	6.89E-05	9.19E-05	0	0	0	0	9.23E-05	0.000197	0.000289	0	0	0	0	0
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Natural Gas	4640.348307	113342.5	113342.5	0	67192.24349	0	0.083683	0.026597	0	0.110281	0.000493	6.68E-05	0	0.000559	0.000375	0.002028	0.002962	0.000536	7.26E-05	0	0.000608	0.001499	0.005795	0.007902	194.4774	21.40025	0	215.8777	0.509624
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Gasoline	2866.615129	245862.3	245862.3	0	11466.46052	0	0.032883	0	0.008615	0.041498	0.000343	0	6.95E-06	0.00035	0.000662	0.00943	0.010442	0.000373	0	7.56E-06	0.000381	0.002648	0.026942	0.029971	353.9684	0	0.970275	354.9387	0.000785
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Diesel	3446.208091	345145.9	345145.9	0	13784.83237	0	0.143217	0	0	0.143217	0.002519	0	0	0.002519	0.002971	0.014625	0.020115	0.002633	0	0	0.002633	0.011884	0.041786	0.056303	465.4938	0	0	465.4938	0.001189
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Electricity	442.4493146	40601.24	0	40601.24	1769.797259	78601.1	0	0	0	0	0	0	0	0	0.000368	0.000861	0.001229	0	0	0	0	0.001471	0.00246	0.003931	0	0	0	0	0
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Natural Gas	7923.084896	917370.5	917370.5	0	31692.33959	0	0.437643	0	0	0.437643	0.000482	0	0	0.000482	0.008249	0.038832	0.047562	0.000503	0	0	0.000503	0.032995	0.110948	0.144446	2107.083	0	0	2107.083	2.973577
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Gasoline	90.74514965	7752.555	7752.555	0	1815.628954	0	0.040917	0	0.000464	0.04138	1.19E-05	0	1.67E-06	1.36E-05	4.27E-05	0.000269	0.000326	1.3E-05	0	1.81E-06	1.48E-05	0.000171	0.000769	0.000955	17.7424	0	0.108327	17.85073	0.001047
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Diesel	330234.6906	44752671	44752671	0	5376906.985	0	79.03278	25.82761	16.67923	121.5396	1.32907	0.011571	0	1.34064	0.437893	1.338146	3.11668	1.389164	0.012094	0	1.401258	1.751572	3.823275	6.976105	74279.71	5012.574	0	79292.28	0.031397
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Electricity	5656.523524	687472.2	0	687472.2	83337.71875	1251949	0	0	0	0	0	0	0	0	0.006618	0.011068	0.017686	0	0	0	0	0.026472	0.031622	0.058094	0	0	0	0	0
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Natural Gas	20221.61002	1280254	1280254	0	144752.3107	0	1.108909	0.206773	0	1.315682	0.002576	0.000439	0	0.003015	0.012701	0.075475	0.091191	0.002802	0.000478	0	0.003279	0.050805	0.215643	0.269727	1747.151	195.0125	0	1942.163	2.149576
Statewide Totals	2027	LDA	Aggregate	Aggregate	Gasoline	12713197.15	4.98E+08	4.98E+08	0	58870070.55	0	18.33474	0	14.56801	32.90275	0.632563	0	0.115863	0.748426	1.097812	1.469654	3.315893	0.68797	0	0.126012	0.813982	4.391248	4.199013	9.404242	147062.3	0	4254.026	151316.3	1.103581
Statewide Totals	2027	LDA	Aggregate	Aggregate	Diesel	34810.99835	1027855	1027855	0	146035.4862	0	0.182651	0	0	0.182651	0.015259	0	0	0.015259	0.002266	0.003083	0.020608	0.015948	0	0	0.015948	0.009064	0.00881	0.033822	266.3242	0	0	266.3242	0.00136
Statewide Totals	2027	LDA	Aggregate	Aggregate	Electricity	945896.581	44182412	0	44182412	4651606.22	17058058	0	0	0	0	0	0	0	0	0.097406	0.074611	0.172016	0	0	0	0	0.389622	0.213173	0.602795	0	0	0	0	0
Statewide Totals	2027	LDA	Aggregate	Aggregate	Plug-in Hybrid	432799.9541	19519040	9073044	10445996	1789627.81	3155002	0.066296	0	0.223765	0.290061	0.011457	0	0.003487	0.014944	0.043032	0.029859	0.087835	0.012461	0	0.003792	0.016253	0.172128	0.085312	0.273693	2869.52	0	122.4309	2991.951	0.009562
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Gasoline	1225902.987	41758053	41758053	0	5335951.785	0	5.910033	0	2.231009	8.141043	0.082123	0	0.015397	0.09752	0.092061	0.151761	0.341342	0.089316	0	0.016746	0.106062	0.368243	0.433603	0.907909	14944.46	0	492.021	15436.48	0.303277
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Diesel	249.3116977	3462.723	3462.723	0	693.1231221	0	0.005056	0	0	0.005056	0.000803	0	0	0.000803	7.63E-06	1.41E-05	0.000824	0.000839	0	0	0.000839	3.05E-05	4.02E-05	0.00091	1.568068	0	0	1.568068	4.9E-05
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Electricity	5171.970801	239464.4	0	239464.4	25277.91985	92453.01	0	0	0	0	0	0	0	0	0.000528	0.000404	0.000932	0	0	0	0	0.002112	0.001154	0.003266	0	0	0	0	0
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Plug-in Hybrid	3840.470847	189145.5	79691.28	109454.2	15880.34695	33058.44	0.000584	0	0.001983	0.002567	6.97E-05	0	2.14E-05	9.11E-05	0.000417	0.000292	0.0008	7.58E-05	0	2.33E-05	9.9E-05	0.001668	0.000835	0.002602	25.30737	0	1.15217	26.45954	8.45E-05
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Gasoline	6533169.785	2.59E+08	2.59E+08	0	30476806.19	0	15.89455	0	9.614331	25.50888	0.339493	0	0.060329	0.399822	0.570511	0.901622	1.871955	0.369229	0	0.065613	0.434843	2.282043	2.576064	5.29295	93278.55	0	2721.177	95999.73	0.748263
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Diesel	23723.72732	964704.5	964704.5	0	112405.801	0	0.042857	0	0	0.042857	0.004789	0	0	0.004789	0.002127	0.003345	0.010261	0.005006	0	0	0.005006	0.008507	0.009556	0.023069	318.7653	0	0	318.7653	0.000769
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Electricity	73247.27697	2552568	0	2552568	369377.3844	985502	0	0	0	0	0	0	0	0	0.005627	0.0043	0.009928	0	0	0	0	0.02251	0.012287	0.034797	0	0	0	0	0
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Plug-in Hybrid	75958.14545	3551640	1563720	1987920	314086.9314	600411	0.011444	0	0.03926	0.050703	0.001608	0	0.000497	0.002106	0.00783	0.005465	0.0154	0.001749	0	0.000541	0.00229	0.03132	0.015614	0.049224	495.6652	0	24.869	520.5342	0.00165
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Gasoline	515800.1961	19563402	19563402	0	7684654.379	0	3.134463	0.019443	5.001477	8.155383	0.02863	0	0.002339	0.030968	0.04313	0.588723	0.662822	0.031138	0	0.002543	0.033681	0.17252	1.682067	1.888268	15632.95	66.52153	217.2596	15916.73	0.128684
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Diesel	377439.7509	14165043	14165043	0	4747717.247	0	23.53545	0.789661	0	24.32511	0.504736	0.010979	0	0.515715	0.046843	0.42627	0.988828	0.527558	0.011475	0	0.539033	0.187371	1.217914	1.944319	8903.921	54.29573	0	8958.217	0.107272
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Electricity	14810.88992	959412.2	0	959412.2	207222.2854	579422.5	0	0	0	0	0	0	0	0	0.002115	0.014436	0.016551	0	0	0	0	0.008461	0.041245	0.049706	0	0	0	0	0
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Gasoline	72643.67424	2645396	2645396	0	1082282.507	0	0.35133	0.002724	0.712334	1.066388	0.003207	0	0.000232	0.003439	0.005832	0.092876	0.102147	0.003488	0	0.000252	0.00374	0.023328	0.265361	0.292429	2378.094	10.88191	29.90726	2418.883	0.010222
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Diesel	155656.5812	5976084	5976084	0	1957963.975	0	7.3023	0.310124	0	7.612424	0.183412	0.004576	0	0.187988	0.019763	0.209812	0.417563	0.191706	0.004783	0	0.196488	0.07905	0.599463	0.875001	4453.303	35.577	0	4488.88	0.038986
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Electricity	3795.236921	234252.4	0	234252.4	50342.55209	140299.6	0	0	0	0	0	0	0	0	0.000516	0.004112	0.004629	0	0	0	0	0.002066	0.011749	0.013815	0	0	0	0	0
Statewide Totals	2027	MCY	Aggregate	Aggregate	Gasoline	702186.3833	4096806	4096806	0	1404372.767	0	2.554263	0	0.200737	2.755	0.008905	0	0.00496	0.013865	0.004516	0.018967	0.037348	0.009528	0	0.005284	0.014811	0.018064	0.054191	0.087067	868.8633	0	73.55048	942.4138	0.774176
Statewide Totals	2027	MDV	Aggregate	Aggregate	Gasoline	4213978.556	1.57E+08	1.57E+08	0	19298599.47	0	14.08437	0	7.812569	21.89693	0.207117	0	0.039766	0.246882	0.345956	0.555251	1.148089	0.225258	0	0.043249	0.268507	1.383822	1.586433	3.238762	69586.19	0	2140.934	71727.12	0.606701
Statewide Totals	2027	MDV	Aggregate	Aggregate	Diesel	64514.98269	2389255	2389255	0	296435.4059	0	0.182564	0	0	0.182564	0.015078	0	0	0.015078	0.005267	0.00854	0.028886	0.01576	0	0	0.01576	0.02107	0.024401	0.06123	1070.402	0	0	1070.402	0.001708
Statewide Totals	2027	MDV	Aggregate	Aggregate	Electricity	77879.30252	2708503	0	2708503	392489.7367	1045706	0	0	0	0	0	0	0	0	0.005971	0.004564	0.010536	0	0	0	0	0.023885	0.013041	0.036926	0	0	0	0	0
Statewide Totals	2027	MDV	Aggregate	Aggregate	Plug-in Hybrid	48332.79252	2181543	971366.4	1210176	199856.0971	365509.4	0.007094	0	0.024982	0.032076	0.001125	0	0.000358	0.001483	0.004809	0.003349	0.009641	0.001223	0	0.000389	0.001612	0.019238	0.009569	0.030419	307.2759	0	19.52153	326.7974	0.001017
Statewide Totals	2027	MH	Aggregate	Aggregate	Gasoline	72996.96603	678874	678874	0	7302.616482	0	0.236951	0	0.003596	0.240547	0.000955	0	2.77E-06	0.000957	0.002245	0.011536	0.014738	0.001038	0	3.01E-06	0.001041	0.00898	0.03296	0.042981	1391.549	0	0.249881	1391.799	0.007589
Statewide Totals	2027	MH	Aggregate	Aggregate	Diesel	35422.28609	328111.5	328111.5	0	3542.228609	0	1.432763	0	0	1.432763	0.035943	0	0	0.035943	0.001447	0.005556	0.042945	0.037568	0	0	0.037568	0.005787	0.015874	0.059229	378.2132	0	0	378.2132	0.001686
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Gasoline	45832.05032	2474908	2474908	0	917007.6627	0	0.807494	0.004232	0.396142	1.207868	0.002963	0	0.00046	0.003423	0.008184	0.04195	0.053557	0.003222	0	0.000501	0.003723	0.032737	0.119856	0.156316	4513.045	26.72012	44.73415	4584.499	0.02346
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Diesel	292488.1795	12389016	12389016	0	3503647.298	0	11.73918	3.665594	6.250824	21.6556	0.118607	0.004928	0	0.123535	0.04097	0.211494	0.375998	0.12397	0.00515	0	0.129121	0.163879	0.604267	0.897266	14970.87	704.0604	0	15674.93	0.010584
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Electricity	7633.638665	413802.7	0	413802.7	97714.79158	443707.9	0	0	0	0	0	0	0	0	0.001368	0.00353	0.004898	0	0	0	0	0.005474	0.010085	0.015558	0	0	0	0	0
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Natural Gas	3639.66412	165510.5	165510.5	0	31986.08555	0	0.017553	0.026476	0	0.044029	0.000203	7.96E-05	0	0.000283	0.000547	0.002835	0.003665	0.000221	8.65E-05	0	0.000307	0.002189	0.008099	0.010596	163.7854	21.96616	0	185.7515	0.117813
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Gasoline	11791.83239	502807	502807	0	235930.9824	0	0.244744	0.000805	0.105712	0.351261	0.000525	0	7.45E-05	0.0006	0.001663	0.008594	0.010857	0.000571	0	8.11E-05	0.000652	0.006651	0.024555	0.031858	933.624	4.871625	8.097241	946.5929	0.006275
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Diesel	10737.33369	733883.1	733883.1	0	127268.66	0	1.264064	0.134823	0.222587	1.621473	0.025586	0.000162	0	0.025749	0.002427	0.016735	0.044911	0.026743	0.00017	0	0.026913	0.009708	0.047815	0.084435	1078.465	30.46001	0	1108.925	0.002372
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Electricity	164.4867704	13671.51	0	13671.51	3291.051302	14784.02	0	0	0	0	0	0	0	0	4.52E-05	0.000117	0.000162	0	0	0	0	0.000181	0.000333	0.000514	0	0	0	0	0
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Natural Gas	818.1196127	46533.75	46533.75	0	7281.264553	0	0.006835	0.001385	0	0.008221	4.94E-05	3.54E-06	0	5.29E-05	0.000154	0.000799	0.001006	5.37E-05	3.85E-06	0	5.76E-05	0.000616	0.002283	0.002956	45.97754	1.086016	0	47.06355	0.032451
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Gasoline	6681.902304	354067.5	354067.5	0	26727.60922	0	0.206589	0.006557	0.022462	0.235608	0.000374	0	1.59E-05	0.000389	0.000781	0.006252	0.007422	0.000406	0	1.73E-05	0.000424	0.003122	0.017862	0.021408	330.2785	19.04825	1.67856	351.0053	0.004658
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Diesel	18906.69157	411108.2	411108.2	0	273768.8939	0	1.951756	0.476048	0.14211	2.569914	0.010477	0.000432	0	0.010909	0.00136	0.007197	0.019466	0.010951	0.000452	0	0.011402	0.005438	0.020564	0.037404	524.5396	46.46088	0	571.0004	0.001535
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Electricity	417.2776048	12701.73	0	12701.73	5207.624448	13897.32	0	0	0	0	0	0	0	0	3.75E-05	0.000112	0.000149	0	0	0	0	0.00015	0.00032	0.00047	0	0	0	0	0
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Natural Gas	4789.578736	115717.9	115717.9	0	69353.1001	0	0.082944	0.027413	0	0.110357	0.000503	6.99E-05	0	0.000573	0.000383	0.002071	0.003026	0.000547	7.6E-05	0	0.000623	0.001531	0.005916	0.00807	197.4059	22.10368	0	219.5096	0.514396
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Gasoline	2863.032985	245428	245428	0	11452.13194	0	0.0327	0	0.008393	0.041093	0.000348	0	6.97E-06	0.000355	0.00066	0.009405	0.01042	0.000379	0	7.58E-06	0.000386	0.002638	0.026871	0.029896	348.7	0	0.96137	349.6613	0.000762
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Diesel	3401.460128	338009.1	338009.1	0	13605.84051	0	0.138079	0	0	0.138079	0.002469	0	0	0.002469	0.002898	0.014321	0.019688	0.002581	0	0	0.002581	0.011592	0.040916	0.055089	451.8876	0	0	451.8876	0.001156
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Electricity	724.8726772	71813.2	0	71813.2	2899.490709	138292.3	0	0	0	0	0	0	0	0	0.00064	0.001523	0.002163	0	0	0	0	0.00256	0.004352	0.006913	0	0	0	0	0
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Natural Gas	7793.257705	904719.7	904719.7	0	31173.03082	0	0.401971	0	0	0.401971	0.000484	0	0	0.000484	0.00814	0.038295	0.04692	0.000506	0	0	0.000506	0.03256	0.109416	0.142482	2058.961	0	0	2058.961	3.060033
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Gasoline	81.5878096	7435.952	7435.952	0	1632.408895	0	0.036101	0	0.000361	0.036462	1.08E-05	0	1.37E-06	1.22E-05	4.1E-05	0.000256	0.00031	1.18E-05	0	1.49E-06	1.33E-05	0.000164	0.000732	0.00091	16.66475	0	0.096205	16.76096	0.000919
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Diesel	335719.6008	45293436	45293436	0	5470645.057	0	77.73576	25.75718	16.85065	120.3436	1.340034	0.011432	0	1.351465	0.443292	1.364071	3.158828	1.400624	0.011949	0	1.412573	1.773166	3.897345	7.083084	73811.74	5003.462	0	78815.2	0.030977
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Electricity	8585.98921	1041455	0	1041455	125097.0653	1896888	0	0	0	0	0	0	0	0	0.010015	0.016963	0.026978	0	0	0	0	0.040062	0.048464	0.088526	0	0	0	0	0

Statewide Totals	2028	HHDT	Aggregate	Aggregate	Natural Gas	20748.79238	1301536	1301536	0	148463.8565	0	1.036023	0.207267	0	1.243291	0.002523	0.000461	0	0.002984	0.012912	0.077007	0.092903	0.002744	0.000502	0	0.003246	0.051649	0.220019	0.274913	1758.122	199.2652	0	1957.387	2.062355
Statewide Totals	2028	LDA	Aggregate	Aggregate	Gasoline	12663212.99	4.96E+08	4.96E+08	0	58628535.93	0	17.0908	0	14.01274	31.10354	0.595273	0	0.110417	0.70569	1.093427	1.464254	3.263372	0.647413	0	0.120089	0.767502	4.37371	4.183584	9.324796	143721.3	0	4150.775	147872.1	1.022716
Statewide Totals	2028	LDA	Aggregate	Aggregate	Diesel	30909.52084	919794.9	919794.9	0	130485.9791	0	0.139498	0	0	0.139498	0.01122	0	0	0.01122	0.002028	0.002765	0.016013	0.011728	0	0	0.011728	0.008111	0.0079	0.027739	234.8271	0	0	234.8271	0.001118
Statewide Totals	2028	LDA	Aggregate	Aggregate	Electricity	1019961.769	47044067	0	47044067	4995227.14	18162893	0	0	0	0	0	0	0	0	0.103714	0.079478	0.183192	0	0	0	0	0.414858	0.227079	0.641937	0	0	0	0	0
Statewide Totals	2028	LDA	Aggregate	Aggregate	Plug-in Hybrid	454275.3979	20224042	9255466	10968576	1878428.77	3312837	0.067633	0	0.234896	0.302529	0.010972	0	0.003459	0.014431	0.044586	0.031012	0.090029	0.011933	0	0.003762	0.015695	0.178346	0.088606	0.282646	2926.933	0	127.0532	3053.986	0.009719
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Gasoline	1200266.34	40926999	40926999	0	5226264.453	0	5.220971	0	2.065078	7.286049	0.075081	0	0.014216	0.089296	0.090229	0.148748	0.328273	0.081657	0	0.015461	0.097118	0.360915	0.424994	0.883027	14393.62	0	471.3117	14864.93	0.269483
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Diesel	149.6646205	2157.743	2157.743	0	418.1691581	0	0.002849	0	0	0.002849	0.000447	0	0	0.000447	4.76E-06	8.65E-06	0.00046	0.000467	0	0	0.000467	1.9E-05	2.47E-05	0.000511	0.943798	0	0	0.943798	3.36E-05
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Electricity	6281.009692	294143.7	0	294143.7	30836.98223	113563.7	0	0	0	0	0	0	0	0	0.000648	0.000496	0.001145	0	0	0	0	0.002594	0.001418	0.004012	0	0	0	0	0
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Plug-in Hybrid	4797.044174	233423.2	97529.98	135893.2	19835.77766	41043.8	0.000714	0	0.002477	0.003192	7.76E-05	0	2.44E-05	0.000102	0.000515	0.000361	0.000978	8.43E-05	0	2.66E-05	0.000111	0.002058	0.001032	0.003201	30.96923	0	1.427713	32.39694	0.000103
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Gasoline	6642218.738	2.62E+08	2.62E+08	0	30959233.65	0	14.79559	0	9.338998	24.13458	0.324662	0	0.058466	0.383128	0.578239	0.915358	1.876724	0.353099	0	0.063587	0.416686	2.312954	2.615308	5.344949	92651.7	0	2704.414	95356.11	0.709923
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Diesel	24274.59567	980543.8	980543.8	0	114759.2227	0	0.040807	0	0	0.040807	0.004677	0	0	0.004677	0.002162	0.003409	0.010247	0.004888	0	0	0.004888	0.008647	0.00974	0.023275	318.2435	0	0	318.2435	0.000773
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Electricity	87629.23641	3010197	0	3010197	440019.4975	1162184	0	0	0	0	0	0	0	0	0.006636	0.005074	0.01171	0	0	0	0	0.026545	0.014498	0.041043	0	0	0	0	0
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Plug-in Hybrid	85871.4152	3954339	1720343	2233997	355078.3019	674733.6	0.012591	0	0.044387	0.056978	0.001642	0	0.000525	0.002167	0.008718	0.006097	0.016981	0.001786	0	0.000571	0.002356	0.034871	0.017419	0.054647	545.2458	0	27.82988	573.0757	0.001809
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Gasoline	509894.4467	19298234	19298234	0	7596667.513	0	2.791159	0.018751	4.788804	7.598713	0.027844	0	0.002189	0.030034	0.042545	0.580744	0.653323	0.030283	0	0.002381	0.032664	0.170181	1.659268	1.862113	15187.62	65.28776	214.1663	15467.07	0.114239
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Diesel	372695.3261	13916085	13916085	0	4688038.351	0	21.03211	0.751878	0	21.78399	0.467553	0.010812	0	0.478365	0.04602	0.418778	0.943163	0.488694	0.011301	0	0.499994	0.184078	1.196509	1.880582	8703.311	53.15976	0	8756.471	0.09942
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Electricity	23209.26201	1464237	0	1464237	324762.1792	884589.9	0	0	0	0	0	0	0	0	0.003228	0.022032	0.02526	0	0	0	0	0.012912	0.062948	0.07586	0	0	0	0	0
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Gasoline	71340.36166	2586773	2586773	0	1062865.092	0	0.305951	0.002606	0.680461	0.989018	0.003092	0	0.000212	0.003304	0.005703	0.090818	0.099825	0.003362	0	0.000231	0.003593	0.022811	0.25948	0.285885	2293.308	10.61859	29.19169	2333.118	0.008717
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Diesel	156305.769	5939454	5939454	0	1966129.942	0	6.740736	0.300475	0	7.041212	0.174889	0.0046	0	0.179489	0.019641	0.208526	0.407656	0.182796	0.004808	0	0.187605	0.078566	0.595789	0.861959	4393.726	35.44617	0	4429.172	0.037123
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Electricity	5948.165466	357828.5	0	357828.5	78897.00824	214340.8	0	0	0	0	0	0	0	0	0.000789	0.006281	0.00707	0	0	0	0	0.003156	0.017947	0.021102	0	0	0	0	0
Statewide Totals	2028	MCY	Aggregate	Aggregate	Gasoline	704783.0651	4094242	4094242	0	1409566.13	0	2.503096	0	0.193243	2.696339	0.008957	0	0.004942	0.013898	0.004513	0.018955	0.037367	0.009587	0	0.005268	0.014855	0.018053	0.054158	0.087065	866.3358	0	72.36591	938.7017	0.757507
Statewide Totals	2028	MDV	Aggregate	Aggregate	Gasoline	4224142.86	1.57E+08	1.57E+08	0	19342262.79	0	12.63228	0	7.33375	19.96603	0.196144	0	0.038021	0.234166	0.346487	0.556796	1.137449	0.213325	0	0.041352	0.254677	1.385947	1.590846	3.23147	68257.65	0	2098.466	70356.11	0.555496
Statewide Totals	2028	MDV	Aggregate	Aggregate	Diesel	63525.20037	2327128	2327128	0	291046.5121	0	0.155959	0	0	0.155959	0.012977	0	0	0.012977	0.00513	0.008361	0.026468	0.013563	0	0	0.013563	0.020522	0.023888	0.057973	1026.533	0	0	1026.533	0.001566
Statewide Totals	2028	MDV	Aggregate	Aggregate	Electricity	91567.26	3134876	0	3134876	459311.0515	1210321	0	0	0	0	0	0	0	0	0.006911	0.005287	0.012198	0	0	0	0	0.027645	0.015104	0.042749	0	0	0	0	0
Statewide Totals	2028	MDV	Aggregate	Aggregate	Plug-in Hybrid	54425.20385	2427080	1064794	1362287	225048.2179	411451.2	0.007778	0	0.028132	0.035911	0.001129	0	0.000371	0.0015	0.005351	0.003735	0.010586	0.001228	0	0.000404	0.001632	0.021403	0.010672	0.033707	336.8734	0	21.69844	358.5718	0.001112
Statewide Totals	2028	MH	Aggregate	Aggregate	Gasoline	69735.15226	654125.2	654125.2	0	6976.304632	0	0.206225	0	0.003506	0.209731	0.00089	0	2.56E-06	0.000892	0.002163	0.011114	0.01417	0.000968	0	2.78E-06	0.00097	0.008653	0.031755	0.041378	1340.187	0	0.23771	1340.425	0.006447
Statewide Totals	2028	MH	Aggregate	Aggregate	Diesel	35217.89058	324772	324772	0	3521.789058	0	1.376392	0	0	1.376392	0.033929	0	0	0.033929	0.001432	0.005499	0.04086	0.035464	0	0	0.035464	0.005728	0.015711	0.056902	374.4093	0	0	374.4093	0.00163
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Gasoline	44664.80815	2404708	2404708	0	893653.4814	0	0.683015	0.004028	0.371447	1.05849	0.002889	0	0.00044	0.003329	0.007952	0.040762	0.052044	0.003142	0	0.000479	0.003621	0.031809	0.116464	0.151894	4343.983	25.84585	43.01046	4412.84	0.019953
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Diesel	295113.5691	12360648	12360648	0	3537773.141	0	10.70888	3.522881	6.199732	20.43149	0.10617	0.00412	0	0.11029	0.040876	0.211001	0.362167	0.11097	0.004307	0	0.115277	0.163503	0.60286	0.88164	14849.06	704.2886	0	15553.34	0.00937
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Electricity	12311.0606	664300.4	0	664300.4	157511.7633	711855.6	0	0	0	0	0	0	0	0	0.002197	0.005666	0.007863	0	0	0	0	0.008787	0.01619	0.024977	0	0	0	0	0
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Natural Gas	3793.928259	169239.8	169239.8	0	33370.91077	0	0.017297	0.027539	0	0.044836	0.000211	8.41E-05	0	0.000295	0.00056	0.002899	0.003754	0.00023	9.15E-05	0	0.000321	0.002239	0.008282	0.010842	166.9634	22.90807	0	189.8715	0.121074
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Gasoline	11380.86505	474819.9	474819.9	0	227708.3479	0	0.216008	0.000763	0.100814	0.317585	0.000507	0	7.23E-05	0.000579	0.00157	0.008115	0.010264	0.000551	0	7.86E-05	0.00063	0.006281	0.023185	0.030096	873.522	4.678898	7.764235	885.9652	0.005488
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Diesel	10984.61747	737222.5	737222.5	0	130504.8381	0	1.236014	0.133439	0.22285	1.592302	0.024633	0.000155	0	0.024788	0.002438	0.016891	0.044118	0.025747	0.000162	0	0.025909	0.009752	0.048261	0.083922	1070.905	31.03065	0	1101.936	0.002284
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Electricity	256.9620196	21176.59	0	21176.59	5141.296089	22901	0	0	0	0	0	0	0	0	7E-05	0.000181	0.000251	0	0	0	0	0.00028	0.000516	0.000796	0	0	0	0	0
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Natural Gas	843.5693598	47204.16	47204.16	0	7507.767303	0	0.006516	0.001424	0	0.00794	5.22E-05	3.75E-06	0	5.6E-05	0.000156	0.000811	0.001023	5.68E-05	4.08E-06	0	6.09E-05	0.000624	0.002316	0.003001	46.09043	1.116147	0	47.20658	0.033214
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Gasoline	6726.772436	355787.2	355787.2	0	26907.08974	0	0.195341	0.006517	0.022764	0.224622	0.000368	0	1.6E-05	0.000384	0.000784	0.006282	0.00745	0.0004	0	1.74E-05	0.000417	0.003138	0.01795	0.021505	330.8378	19.12039	1.675868	351.634	0.00431
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Diesel	18640.90081	404000.4	404000.4	0	269920.2438	0	1.776004	0.449384	0.144208	2.369596	0.009651	0.000387	0	0.010039	0.001336	0.007072	0.018446	0.010088	0.000405	0	0.010493	0.005344	0.020205	0.036041	513.0342	45.55118	0	558.5854	0.001434
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Electricity	660.6132413	20180.35	0	20180.35	8253.666101	22075.89	0	0	0	0	0	0	0	0	5.97E-05	0.000178	0.000238	0	0	0	0	0.000239	0.000508	0.000747	0	0	0	0	0
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Natural Gas	4926.530882	117659.7	117659.7	0	71336.16716	0	0.082063	0.028161	0	0.110225	0.000511	7.27E-05	0	0.000584	0.000389	0.002105	0.003079	0.000556	7.91E-05	0	0.000635	0.001556	0.006016	0.008207	199.6693	22.74946	0	222.4187	0.517631
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Gasoline	2840.961876	243018.5	243018.5	0	11363.84751	0	0.032106	0	0.008186	0.040292	0.000346	0	6.86E-06	0.000352	0.000651	0.009296	0.0103	0.000376	0	7.46E-06	0.000383	0.002603	0.026561	0.029547	340.8351	0	0.943495	341.7786	0.000732
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Diesel	3218.20745	319778.5	319778.5	0	12872.8298	0	0.129265	0	0	0.129265	0.002324	0	0	0.002324	0.002719	0.013546	0.018589	0.002429	0	0	0.002429	0.010875	0.038703	0.052007	420.7743	0	0	420.7743	0.001086
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Electricity	1213.031289	130609.1	0	130609.1	4852.125155	250072	0	0	0	0	0	0	0	0	0.001159	0.002771	0.00393	0	0	0	0	0.004635	0.007918	0.012553	0	0	0	0	0
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Natural Gas	7614.639372	877549.8	877549.8	0	30458.55749	0	0.34094	0	0	0.34094	0.000461	0	0	0.000461	0.007898	0.037142	0.045501	0.000482	0	0	0.000482	0.031592	0.10612	0.138195	1969.821	0	0	1969.821	3.169
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Gasoline	73.16594485	7135.484	7135.484	0	1463.904225	0	0.030673	0	0.00028	0.030954	9.58E-06	0	1.03E-06	1.06E-05	3.93E-05	0.000244	0.000294	1.04E-05	0	1.12E-06	1.15E-05	0.000157	0.000698	0.000867	15.64751	0	0.084256	15.73177	0.00078
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Diesel	340009.8112	45771755	45771755	0	5547523.443	0	76.5296	25.67652	16.92249	119.1286	1.349747	0.011257	0	1.361004	0.448105	1.388075	3.197184	1.410777	0.011766	0	1.422542	1.792419	3.965928	7.18089	73280.6	4985.457	0	78266.06	0.030615
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Electricity	12304.73061	1483236	0	1483236	176952.247	2702040	0	0	0	0	0	0	0	0	0.014248	0.024359	0.038607	0	0	0	0	0.056993	0.069596	0.12659	0	0	0	0	0
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Natural Gas	21166.61562	1317430	1317430	0	151532.3097	0	0.963975	0.207095	0	1.171071	0.002473	0.000481	0	0.002955	0.01307	0.078141	0.094166	0.00269	0.000524	0	0.003213	0.05228	0.223261	0.278754	1762.595	202.6013	0	1965.196	1.97052
Statewide Totals	2029	LDA	Aggregate	Aggregate	Gasoline	12617064.27	4.94E+08	4.94E+08	0	58412990.62	0	16.05302	0	13.52987	29.58289	0.559049	0	0.104901	0.663951	1.089569	1.458011	3.21153	0.608017	0	0.11409	0.722107	4.358276	4.165745	9.246128	140721.1	0	4055.979	144777.1	0.954197
Statewide Totals	2029	LDA	Aggregate	Aggregate	Diesel	27398.56325	821290.7	821290.7	0	116339.5955	0	0.107469	0	0	0.107469	0.008354	0	0	0.008354	0.001811	0.00247	0.012635	0.008732	0	0	0.008732	0.007243	0.007058	0.023033	206.7634	0	0	206.7634	0.000872
Statewide Totals	2029	LDA	Aggregate	Aggregate	Electricity	1092504.148	49787926	0	49787926	5329746.114	19222249	0	0	0	0	0	0	0	0	0.109764	0.084146	0.193909	0	0	0	0	0.439054	0.240417	0.679471	0	0	0	0	0
Statewide Totals	2029	LDA	Aggregate	Aggregate	Plug-in Hybrid	473583.241	20822316	9396335	11425981	1958266.702	3450987	0.068652	0	0.244906	0.313558	0.010462	0	0.003413	0.013875	0.045905	0.031988	0.091768	0.011378	0	0.003712	0.01509	0.183621	0.091393	0.290105	2970.74	0	131.0836	3101.824	0.00983
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Gasoline	1175800.929	40158564	40158564	0	5124068.226	0	4.582801	0	1.912849	6.495651	0.06844	0	0.01309	0.08153	0.088535	0.145807	0.315871	0.074434	0	0.014237	0.088671	0.354138	0.416591	0.8594	13886.88	0	451.9717	14338.85	0.238583
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Diesel	78.58127906	1212.976	1212.976	0	224.48938	0	0.001439	0	0	0.001439	0.000225	0	0	0.000225	2.67E-06	4.75E-06	0.000232	0.000235	0	0	0.000235	1.07E-05	1.36E-05	0.000259	0.527811	0	0	0.527811	1.69E-05
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Electricity	7578.58906	357151.1	0	357151.1	37314.27037	137889.8	0	0	0	0	0	0	0	0	0.000787	0.000602	0.00139	0	0	0	0	0.00315	0.001721	0.004871	0	0	0	0	0
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Plug-in Hybrid	5865.768059	282135.1	117169.7	164965.4	24254.95092	49824.47	0.000858	0	0.00303	0.003888	8.61E-05	0	2.78E-05	0.000114	0.000622	0.000437	0.001173	9.36E-05	0	3.02E-05	0.000124	0.002488	0.001248	0.00386	37.1965	0	1.735486	38.93199	0.000124
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Gasoline	6745633.872	2.65E+08	2.65E+08	0	31410485.89	0	13.85046	0	9.113253	22.96371	0.309687	0	0.056477	0.366164	0.585161	0.927027	1.878353	0.336813	0	0.061424	0.398237	2.340645	2.648649	5.387531	92058.56	0	2688.987	94747.55	0.676764
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Diesel	24780.04044	994476.8	994476.8	0	116873.7312	0	0.039631	0	0	0.039631	0.004662	0	0	0.004662	0.002192	0.003463	0.010317	0.004873	0	0	0.004873	0.00877	0.009893	0.023535	317.4943	0	0	317.4943	0.000777
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Electricity	103169.2802	3495578	0	3495578	515940.1735	1349582	0	0	0	0	0	0	0	0	0.007706	0.005895	0.013602	0	0	0	0	0.030826	0.016844	0.047669	0	0	0	0	0
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Plug-in Hybrid	96050.93477	4359300	1877627	2481673	397170.6153	749539.1	0.01374	0	0.049653	0.063392	0.001673	0	0.000551	0.002224	0.009611	0.006731	0.018565	0.001819	0	0.000599	0.002418	0.038442	0.019231	0.060092	594.9412	0	30.86258	625.8038	0.001968
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Gasoline	502634.5397	18965743	18965743	0	7488505.717	0	2.454885	0.018044	4.581841	7.05477	0.026861	0	0.002015	0.028876	0.041812	0.570738	0.641426	0.029214	0	0.002191	0.031405	0.167249	1.63068	1.829335	14719.43	63.91338	210.0298	14993.37	0.099435
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Diesel	367487.9987	13636000	13636000	0	4622536.724	0	18.81415	0.71523	0	19.52938	0.432427	0.010627	0	0.443054	0.045093	0.410349	0.898497	0.45198	0.011107	0	0.463087	0.180373	1.172427	1.815888	8488.656	51.99211	0	8540.648	0.092037
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Electricity	33861.75012	2082554	0	2082554	473857.8549	1258533	0	0	0	0	0	0	0	0	0.004591	0.031335	0.035926	0	0	0	0	0.018365	0.089529	0.107894	0	0	0	0	0
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Gasoline	69930.83115	2522913	2522913	0	1041865.187	0	0.266376	0.00249	0.649175	0.918041	0.002973	0	0.000193	0.003166	0.005562	0.088576	0.097304	0.003233	0	0.00021	0.003443	0.022248	0.253074	0.278766	2208.093	10.34489	28.4447	2246.883	0.007422
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Diesel	156496.4638	5880464	5880464	0	1968528.642	0	6.236057	0.29072	0	6.526777	0.166709	0.004607	0	0.171316	0.019446	0.206455	0.397217	0.174247	0.004815	0	0.179062	0.077785	0.589871	0.846718	4320.995	35.23155	0	4356.227	0.035335
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Electricity	8679.13123	509360.8	0	509360.8	115111.334	305147	0	0	0	0	0	0	0	0	0.001123	0.008941	0.010064	0	0	0	0	0.004492	0.025547	0.030039	0	0	0	0	0
Statewide Totals	2029	MCY	Aggregate	Aggregate	Gasoline	707626.5764	4092316	4092316	0	1415253.153	0	2.4573	0	0.186346	2.643645	0.009009	0	0.004934	0.013943	0.004511	0.018946	0.037401	0.009646	0	0.005264	0.01491	0.018044	0.054132	0.087086	864.2333	0	71.30333	935.5366	0.742609
Statewide Totals	2029	MDV	Aggregate	Aggregate	Gasoline	4235386.361	1.57E+08	1.57E+08	0	19390458.24	0	11.40826	0	6.945018	18.35328	0.185599	0	0.036338	0.221936	0.346999	0.557815	1.126751	0.201855	0	0.039521	0.241376	1.387996	1.593758	3.223131	67053.63	0	2059.926	69113.56	0.511825
Statewide Totals	2029	MDV	Aggregate	Aggregate	Diesel	62524.11176	2267647	2267647	0	285658.1329	0	0.133705	0	0	0.133705	0.01127	0	0	0.01127	0.004999	0.008171	0.02444	0.01178	0	0	0.01178	0.019997	0.023345	0.055122	985.3252	0	0	985.3252	0.001414
Statewide Totals	2029	MDV	Aggregate	Aggregate	Electricity	105688.9232	3563580	0	3563580	527741.7196	1375836	0	0	0	0	0	0	0	0	0.007856	0.006013	0.01387	0	0	0	0	0.031425	0.017181	0.048606	0	0	0	0	0
Statewide Totals	2029	MDV	Aggregate	Aggregate	Plug-in Hybrid	60634.41042	2671028	1157868	1513160	250723.2871	457019.5	0.008458	0	0.031344	0.039802	0.001133	0	0.000384	0.001517	0.005889	0.004118	0.011523	0.001232	0	0.000418	0.00165	0.023554	0.011765	0.036969	366.2931	0	23.91791	390.2111	0.001205
Statewide Totals	2029	MH	Aggregate	Aggregate	Gasoline	66636.52296	631082.2	631082.2	0	6666.317757	0	0.176564	0	0.003422	0.179986	0.000827	0	2.35E-06	0.000829	0.002087	0.010722	0.013638	0.000899	0	2.56E-06	0.000902	0.008348	0.030634	0.039883	1292.345	0	0.226217	1292.572	0.005275
Statewide Totals	2029	MH	Aggregate	Aggregate	Diesel	35012.63627	321555	321555	0	3501.263627	0	1.322035	0	0	1.322035	0.031995	0	0	0.031995	0.001418	0.005444	0.038856	0.033442	0	0	0.033442	0.005671	0.015553	0.054666	370.7495	0	0	370.7495	0.001575
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Gasoline	43416.28855	2324786	2324786	0	868673.1014	0	0.573875	0.00383	0.349482	0.927187	0.002805	0	0.000422	0.003227	0.007688	0.03941	0.050325	0.00305	0	0.000459	0.003509	0.030752	0.112601	0.146862	4162.342	24.93934	41.26079	4228.542	0.016933
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Diesel	295954.6701	12259160	12259160	0	3549746.713	0	9.756872	3.378093	6.085065	19.22003	0.095388	0.003444	0	0.098832	0.04054	0.209259	0.348632	0.099701	0.0036	0	0.103301	0.162161	0.597884	0.863346	14640.78	700.5225	0	15341.3	0.008333
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Electricity	18734.57999	1006225	0	1006225	239636.4948	1077689	0	0	0	0	0	0	0	0	0.003328	0.008583	0.01191	0	0	0	0	0.01331	0.024523	0.037833	0	0	0	0	0
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Natural Gas	3923.09113	171777.8	171777.8	0	34558.32363	0	0.017001	0.028415	0	0.045416	0.000217	8.8E-05	0	0.000305	0.000568	0.002942	0.003816	0.000236	9.57E-05	0	0.000332	0.002272	0.008407	0.011011	169.0049	23.68771	0	192.6926	0.123373
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Gasoline	10952.62959	446590.4	446590.4	0	219140.2128	0	0.189877	0.000722	0.09646	0.287059	0.000485	0	6.93E-05	0.000554	0.001477	0.007631	0.009662	0.000527	0	7.53E-05	0.000602	0.005907	0.021804	0.028314	814.3304	4.481858	7.418999	826.2313	0.004773
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Diesel	11187.32249	740664.5	740664.5	0	133123.0124	0	1.21176	0.13133	0.220419	1.563508	0.023409	0.000144	0	0.023553	0.002449	0.017045	0.043047	0.024467	0.000151	0	0.024618	0.009797	0.048699	0.083114	1063.859	31.43488	0	1095.294	0.002172
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Electricity	381.6136429	31178.08	0	31178.08	7635.325767	33718.59	0	0	0	0	0	0	0	0	0.000103	0.000266	0.000369	0	0	0	0	0.000412	0.00076	0.001172	0	0	0	0	0
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Natural Gas	864.2462578	47699.29	47699.29	0	7691.791695	0	0.006263	0.001456	0	0.007718	5.44E-05	3.93E-06	0	5.83E-05	0.000158	0.000819	0.001035	5.91E-05	4.27E-06	0	6.34E-05	0.000631	0.00234	0.003034	46.1124	1.140198	0	47.25259	0.033784
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Gasoline	6762.888953	357014.5	357014.5	0	27051.55581	0	0.188751	0.006479	0.023408	0.218637	0.000366	0	1.61E-05	0.000383	0.000787	0.006304	0.007474	0.000399	0	1.75E-05	0.000416	0.003148	0.018012	0.021577	331.0318	19.17282	1.674949	351.8795	0.004044
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Diesel	18299.44265	395483.3	395483.3	0	264975.9295	0	1.598596	0.420415	0.145741	2.164752	0.008818	0.000344	0	0.009162	0.001308	0.006921	0.017391	0.009217	0.000359	0	0.009576	0.005231	0.019775	0.034583	499.8445	44.44307	0	544.2876	0.001326
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Electricity	991.2161859	30372.09	0	30372.09	12404.83683	33218.32	0	0	0	0	0	0	0	0	9E-05	0.000268	0.000358	0	0	0	0	0.00036	0.000765	0.001125	0	0	0	0	0
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Natural Gas	5046.887521	119061.2	119061.2	0	73078.9313	0	0.081	0.028818	0	0.109818	0.000518	7.52E-05	0	0.000593	0.000394	0.002131	0.003117	0.000563	8.18E-05	0	0.000645	0.001575	0.006087	0.008307	201.1015	23.31743	0	224.4189	0.51894
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Gasoline	2820.770454	242499.3	242499.3	0	11283.08182	0	0.032085	0	0.007862	0.039947	0.000345	0	6.76E-06	0.000352	0.000648	0.009268	0.010268	0.000375	0	7.36E-06	0.000383	0.002592	0.02648	0.029455	338.0709	0	0.926767	338.9977	0.000718
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Diesel	3040.168571	295882.7	295882.7	0	12160.67429	0	0.117756	0	0	0.117756	0.00215	0	0	0.00215	0.002503	0.012531	0.017184	0.002247	0	0	0.002247	0.010013	0.035804	0.048063	384.3089	0	0	384.3089	0.000998
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Electricity	1797.605257	199181.7	0	199181.7	7190.421027	383105.5	0	0	0	0	0	0	0	0	0.001787	0.004227	0.006013	0	0	0	0	0.007147	0.012076	0.019223	0	0	0	0	0
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Natural Gas	7332.492005	844376.8	844376.8	0	29329.96802	0	0.261826	0	0	0.261826	0.000446	0	0	0.000446	0.007576	0.035734	0.043757	0.000466	0	0	0.000466	0.030306	0.102098	0.13287	1859.179	0	0	1859.179	3.293071
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Gasoline	65.91173305	6853.576	6853.576	0	1318.761955	0	0.024744	0	0.000254	0.024998	8.68E-06	0	7.61E-07	9.44E-06	3.78E-05	0.000234	0.000281	9.44E-06	0	8.27E-07	1.03E-05	0.000151	0.000668	0.000829	14.75661	0	0.074003	14.83062	0.000696
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Diesel	343222.9885	46195497	46195497	0	5609765.106	0	75.50232	25.62884	16.97622	118.1074	1.358078	0.011063	0	1.369141	0.452405	1.410341	3.231888	1.419485	0.011563	0	1.431048	1.809621	4.029545	7.270214	72727.33	4962.422	0	77689.76	0.030264
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Electricity	16761.12317	2006822	0	2006822	238383.1618	3656458	0	0	0	0	0	0	0	0	0.019263	0.033148	0.052411	0	0	0	0	0.077051	0.094708	0.171759	0	0	0	0	0
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Natural Gas	21451.32906	1326552	1326552	0	153757.8526	0	0.899335	0.206094	0	1.105429	0.002435	0.000499	0	0.002934	0.01316	0.078796	0.09489	0.002648	0.000543	0	0.00319	0.052642	0.225132	0.280965	1759.434	204.8259	0	1964.26	1.874379
Statewide Totals	2030	LDA	Aggregate	Aggregate	Gasoline	12575247.61	4.93E+08	4.93E+08	0	58223662.58	0	15.19966	0	13.10024	28.2999	0.524524	0	0.099422	0.623946	1.086141	1.452719	3.162806	0.570467	0	0.108131	0.678598	4.344563	4.150626	9.173787	138019.4	0	3969.372	141988.8	0.896179
Statewide Totals	2030	LDA	Aggregate	Aggregate	Diesel	24084.43217	732019.6	732019.6	0	103149.9321	0	0.08112	0	0	0.08112	0.00588	0	0	0.00588	0.001614	0.002203	0.009697	0.006146	0	0	0.006146	0.006455	0.006293	0.018895	181.4423	0	0	181.4423	0.000657

Statewide Totals	2030	LDA	Aggregate	Aggregate	Electricity	1164061.096	52461376	0	52461376	5658628.221	20254421	0	0	0	0	0	0	0	0	0.115658	0.088693	0.204351	0	0	0	0	0.46263	0.253409	0.71604	0	0	0	0	0
Statewide Totals	2030	LDA	Aggregate	Aggregate	Plug-in Hybrid	490724.9583	21318734	9499152	11819582	2029147.703	3569866	0.069392	0	0.253794	0.323186	0.009945	0	0.003354	0.013299	0.047	0.032805	0.093104	0.010816	0	0.003647	0.014464	0.187999	0.09373	0.296192	3002.553	0	134.5342	3137.087	0.009903
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Gasoline	1152397.047	39443601	39443601	0	5028509.505	0	3.990658	0	1.770188	5.760846	0.062172	0	0.012024	0.074195	0.086958	0.143073	0.304226	0.067617	0	0.013077	0.080694	0.347833	0.408779	0.837306	13418.61	0	433.8924	13852.51	0.210831
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Diesel	24.68469089	511.1964	511.1964	0	80.22072783	0	0.000383	0	0	0.000383	5.73E-05	0	0	5.73E-05	1.13E-06	1.91E-06	6.03E-05	5.98E-05	0	0	5.98E-05	4.51E-06	5.45E-06	6.98E-05	0.216444	0	0	0.216444	4.41E-06
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Electricity	9083.711075	429317.9	0	429317.9	44803.08502	165752.2	0	0	0	0	0	0	0	0	0.000946	0.000724	0.001671	0	0	0	0	0.003786	0.002069	0.005855	0	0	0	0	0
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Plug-in Hybrid	7050.691645	335358	138646.1	196711.9	29154.60995	59412.86	0.001015	0	0.003642	0.004657	9.56E-05	0	3.14E-05	0.000127	0.000739	0.00052	0.001386	0.000104	0	3.42E-05	0.000138	0.002957	0.001485	0.00458	44.00421	0	2.076708	46.08092	0.000146
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Gasoline	6843054.714	2.68E+08	2.68E+08	0	31829791.61	0	13.04311	0	8.928941	21.97205	0.295105	0	0.054456	0.349561	0.591303	0.93762	1.878484	0.320954	0	0.059226	0.38018	2.365214	2.678913	5.424307	91476.6	0	2674.612	94151.22	0.648772
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Diesel	25220.65433	1006193	1006193	0	118695.5247	0	0.038766	0	0	0.038766	0.004662	0	0	0.004662	0.002218	0.003508	0.010388	0.004873	0	0	0.004873	0.008873	0.010022	0.023768	316.295	0	0	316.295	0.000781
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Electricity	119982.6031	4012422	0	4012422	597712.9404	1549126	0	0	0	0	0	0	0	0	0.008846	0.00677	0.015616	0	0	0	0	0.035384	0.019343	0.054726	0	0	0	0	0
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Plug-in Hybrid	106489.2142	4766713	2035727	2730986	440332.9009	824839.2	0.014894	0	0.055052	0.069946	0.001704	0	0.000577	0.002281	0.010509	0.007369	0.020159	0.001853	0	0.000628	0.002481	0.042035	0.021055	0.065571	644.891	0	33.9638	678.8548	0.002127
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Gasoline	494523.9123	18579165	18579165	0	7367669.453	0	2.118353	0.017346	4.385872	6.52157	0.025768	0	0.001833	0.027601	0.04096	0.559105	0.627666	0.028025	0	0.001993	0.030019	0.16384	1.597442	1.791301	14238.57	62.46998	205.5371	14506.58	0.081313
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Diesel	361601.3654	13321740	13321740	0	4548490.282	0	16.77403	0.679128	0	17.45316	0.399321	0.010423	0	0.409744	0.044054	0.400892	0.854691	0.417377	0.010894	0	0.428271	0.176216	1.145407	1.749894	8257.305	50.75875	0	8308.064	0.085006
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Electricity	46756.35114	2806053	0	2806053	654341.1881	1696273	0	0	0	0	0	0	0	0	0.006186	0.042221	0.048408	0	0	0	0	0.024745	0.120633	0.145378	0	0	0	0	0
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Gasoline	68456.6737	2454718	2454718	0	1019902.438	0	0.232307	0.002377	0.618561	0.853245	0.002862	0	0.000176	0.003038	0.005412	0.086182	0.094632	0.003113	0	0.000191	0.003305	0.021647	0.246234	0.271185	2123.235	10.06743	27.6934	2160.996	0.006292
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Diesel	156171.2771	5799017	5799017	0	1964438.202	0	5.762773	0.280716	0	6.043488	0.158932	0.004595	0	0.163527	0.019177	0.203595	0.386299	0.166118	0.004802	0	0.170921	0.076708	0.581701	0.82933	4234.997	34.91951	0	4269.916	0.033606
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Electricity	11985.53484	686911.3	0	686911.3	158945.2765	411562.3	0	0	0	0	0	0	0	0	0.001514	0.012058	0.013573	0	0	0	0	0.006058	0.034452	0.04051	0	0	0	0	0
Statewide Totals	2030	MCY	Aggregate	Aggregate	Gasoline	709779.2989	4090022	4090022	0	1419558.598	0	2.415126	0	0.179129	2.594255	0.00904	0	0.004889	0.013929	0.004508	0.018936	0.037373	0.009682	0	0.00522	0.014903	0.018034	0.054102	0.087038	862.1458	0	70.17645	932.3223	0.728769
Statewide Totals	2030	MDV	Aggregate	Aggregate	Gasoline	4248539.778	1.58E+08	1.58E+08	0	19446035.78	0	10.41758	0	6.628545	17.04613	0.175844	0	0.034757	0.210602	0.347531	0.558998	1.11713	0.191247	0	0.037802	0.229048	1.390123	1.597136	3.216308	65966.81	0	2025.533	67992.34	0.477385
Statewide Totals	2030	MDV	Aggregate	Aggregate	Diesel	61500.62674	2209689	2209689	0	280163.8111	0	0.115171	0	0	0.115171	0.00988	0	0	0.00988	0.004872	0.007979	0.022731	0.010327	0	0	0.010327	0.019486	0.022797	0.05261	945.8427	0	0	945.8427	0.001286
Statewide Totals	2030	MDV	Aggregate	Aggregate	Electricity	120321.8685	3998042	0	3998042	598206.5093	1543574	0	0	0	0	0	0	0	0	0.008814	0.00675	0.015565	0	0	0	0	0.035257	0.019287	0.054543	0	0	0	0	0
Statewide Totals	2030	MDV	Aggregate	Aggregate	Plug-in Hybrid	66886.5195	2911270	1249448	1661823	276575.7581	501919.9	0.009127	0	0.034578	0.043704	0.001136	0	0.000396	0.001532	0.006418	0.004495	0.012446	0.001236	0	0.000431	0.001667	0.025673	0.012843	0.040183	395.2291	0	26.14524	421.3743	0.001297
Statewide Totals	2030	MH	Aggregate	Aggregate	Gasoline	63938.3747	611241.4	611241.4	0	6396.395005	0	0.152162	0	0.003346	0.155508	0.000778	0	2.19E-06	0.00078	0.002021	0.010384	0.013185	0.000846	0	2.39E-06	0.000848	0.008085	0.029668	0.038602	1251.18	0	0.216043	1251.396	0.004392
Statewide Totals	2030	MH	Aggregate	Aggregate	Diesel	34816.19507	318541	318541	0	3481.619507	0	1.270115	0	0	1.270115	0.030155	0	0	0.030155	0.001405	0.005392	0.036951	0.031518	0	0	0.031518	0.005618	0.015405	0.052542	367.3244	0	0	367.3244	0.001522
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Gasoline	42084.29552	2234915	2234915	0	842022.5847	0	0.487876	0.003639	0.32876	0.820275	0.002711	0	0.000405	0.003116	0.007391	0.037889	0.048396	0.002949	0	0.00044	0.003389	0.029563	0.108255	0.141207	3968.038	24.00236	39.51082	4031.551	0.014473
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Diesel	295033.9023	12086147	12086147	0	3540144.49	0	8.891736	3.235397	5.948512	18.07565	0.085971	0.002878	0	0.088849	0.039968	0.206296	0.335113	0.089858	0.003008	0	0.092866	0.159872	0.589419	0.842157	14346.92	692.8509	0	15039.77	0.007433
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Electricity	26847.55421	1437338	0	1437338	343395.1872	1538794	0	0	0	0	0	0	0	0	0.004753	0.012261	0.017014	0	0	0	0	0.019013	0.03503	0.054043	0	0	0	0	0
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Natural Gas	4028.870573	173095.5	173095.5	0	35568.04868	0	0.016626	0.029111	0	0.045737	0.000222	9.12E-05	0	0.000313	0.000572	0.002965	0.00385	0.000241	9.92E-05	0	0.00034	0.00229	0.008472	0.011102	169.8985	24.31729	0	194.2158	0.124743
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Gasoline	10523.58177	418671.5	418671.5	0	210555.8241	0	0.166924	0.000683	0.091522	0.259129	0.000461	0	6.64E-05	0.000528	0.001385	0.007154	0.009066	0.000502	0	7.23E-05	0.000574	0.005538	0.020439	0.026551	757.0549	4.287387	7.083222	768.4256	0.004134
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Diesel	11334.98689	744140.3	744140.3	0	134911.8344	0	1.188132	0.128572	0.216808	1.533513	0.022507	0.000136	0	0.022643	0.002461	0.017191	0.042295	0.023525	0.000142	0	0.023667	0.009843	0.049117	0.082628	1058.785	31.58166	0	1090.366	0.002083
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Electricity	537.1611211	43467.5	0	43467.5	10747.51971	47011.73	0	0	0	0	0	0	0	0	0.000144	0.000371	0.000515	0	0	0	0	0.000575	0.001059	0.001634	0	0	0	0	0
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Natural Gas	880.2708985	48107.03	48107.03	0	7834.410996	0	0.006083	0.00148	0	0.007563	5.6E-05	4.07E-06	0	6.01E-05	0.000159	0.000826	0.001045	6.09E-05	4.43E-06	0	6.53E-05	0.000636	0.00236	0.003061	46.09997	1.157818	0	47.25779	0.034231
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Gasoline	6765.951314	356420.6	356420.6	0	27063.80526	0	0.176103	0.00642	0.023923	0.206446	0.000364	0	1.61E-05	0.00038	0.000786	0.006294	0.00746	0.000396	0	1.75E-05	0.000414	0.003143	0.017983	0.02154	329.5376	19.13234	1.66406	350.334	0.003686
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Diesel	17890.5539	385614.7	385614.7	0	259055.2204	0	1.418584	0.389653	0.147157	1.955394	0.007978	0.000301	0	0.008279	0.001275	0.006748	0.016302	0.008339	0.000315	0	0.008654	0.005101	0.019279	0.033033	485.0296	43.15459	0	528.1842	0.001212
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Electricity	1404.810356	43250.16	0	43250.16	17599.59659	47293.34	0	0	0	0	0	0	0	0	0.000128	0.000381	0.000509	0	0	0	0	0.000514	0.001089	0.001602	0	0	0	0	0
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Natural Gas	5149.804832	119886.2	119886.2	0	74569.17397	0	0.079692	0.029376	0	0.109069	0.000521	7.75E-05	0	0.000599	0.000396	0.002145	0.00314	0.000567	8.43E-05	0	0.000651	0.001586	0.00613	0.008366	201.623	23.80415	0	225.4272	0.518072
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Gasoline	2778.166863	236786.1	236786.1	0	11112.66745	0	0.031416	0	0.007774	0.03919	0.000336	0	6.55E-06	0.000343	0.000628	0.009019	0.00999	0.000366	0	7.13E-06	0.000373	0.002513	0.025769	0.028655	323.2833	0	0.898789	324.1821	0.000671
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Diesel	2683.330658	257542.2	257542.2	0	10733.32263	0	0.100302	0	0	0.100302	0.001861	0	0	0.001861	0.002151	0.010904	0.014916	0.001945	0	0	0.001945	0.008602	0.031154	0.041702	325.9478	0	0	325.9478	0.000859
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Electricity	2891.441517	324715.6	0	324715.6	11565.76607	624445	0	0	0	0	0	0	0	0	0.002869	0.00689	0.009759	0	0	0	0	0.011477	0.019687	0.031163	0	0	0	0	0
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Natural Gas	6742.175282	773872	773872	0	26968.70113	0	0.202485	0	0	0.202485	0.000446	0	0	0.000446	0.006955	0.032742	0.040142	0.000466	0	0	0.000466	0.027819	0.093547	0.121833	1678.078	0	0	1678.078	3.161074
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Gasoline	60.56273669	6606.389	6606.389	0	1211.739236	0	0.022283	0	0.000146	0.02243	8.19E-06	0	6.06E-07	8.8E-06	3.64E-05	0.000225	0.00027	8.91E-06	0	6.59E-07	9.57E-06	0.000146	0.000642	0.000798	13.987	0	0.066672	14.05367	0.000639
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Diesel	347000.5429	46971560	46971560	0	5685306.391	0	75.22872	25.72903	17.08955	118.0473	1.377084	0.010943	0	1.388027	0.460178	1.443013	3.291219	1.43935	0.011437	0	1.450788	1.840713	4.122895	7.414395	72778.17	4960.488	0	77738.65	0.030163
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Electricity	21928.67063	2619903	0	2619903	310103.2159	4773371	0	0	0	0	0	0	0	0	0.025142	0.043405	0.068547	0	0	0	0	0.100567	0.124015	0.224582	0	0	0	0	0
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Natural Gas	21663.67375	1335273	1335273	0	155662.512	0	0.837002	0.204988	0	1.04199	0.002402	0.000516	0	0.002918	0.013247	0.079246	0.095411	0.002612	0.000562	0	0.003174	0.052988	0.226417	0.282579	1756.424	206.6186	0	1963.043	1.781248
Statewide Totals	2031	LDA	Aggregate	Aggregate	Gasoline	12540563.04	4.91E+08	4.91E+08	0	58071999.05	0	14.48808	0	12.72457	27.21266	0.492148	0	0.094069	0.586217	1.083429	1.451128	3.120774	0.535256	0	0.102308	0.637564	4.333716	4.14608	9.11736	135632.7	0	3891.661	139524.4	0.846911
Statewide Totals	2031	LDA	Aggregate	Aggregate	Diesel	21834.04499	656416.8	656416.8	0	93181.96869	0	0.066072	0	0	0.066072	0.004813	0	0	0.004813	0.001447	0.001979	0.008239	0.00503	0	0	0.00503	0.005789	0.005653	0.016472	160.486	0	0	160.486	0.00055
Statewide Totals	2031	LDA	Aggregate	Aggregate	Electricity	1231582.535	54905701	0	54905701	5966286.855	21198132	0	0	0	0	0	0	0	0	0.121046	0.092854	0.2139	0	0	0	0	0.484185	0.265298	0.749483	0	0	0	0	0
Statewide Totals	2031	LDA	Aggregate	Aggregate	Plug-in Hybrid	506041.5215	21740465	9575181	12165284	2092481.692	3674278	0.07	0	0.261737	0.331737	0.009436	0	0.003282	0.012718	0.04793	0.033529	0.094177	0.010263	0	0.003569	0.013833	0.191718	0.095797	0.301348	3028.043	0	137.4957	3165.539	0.009965
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Gasoline	1130193.347	38797046	38797046	0	4940595.543	0	3.430146	0	1.636812	5.066957	0.056256	0	0.011007	0.067263	0.085533	0.140813	0.293609	0.061184	0	0.011971	0.073155	0.342132	0.402323	0.81761	12991.79	0	417.0897	13408.88	0.185293
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Diesel	11.86851298	357.814	357.814	0	46.45637099	0	0.000136	0	0	0.000136	1.74E-05	0	0	1.74E-05	7.89E-07	1.26E-06	1.95E-05	1.82E-05	0	0	1.82E-05	3.16E-06	3.6E-06	2.5E-05	0.146543	0	0	0.146543	1.43E-06
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Electricity	10593.34362	499091.9	0	499091.9	52235.62351	192690.7	0	0	0	0	0	0	0	0	0.0011	0.000842	0.001942	0	0	0	0	0.004401	0.002406	0.006807	0	0	0	0	0
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Plug-in Hybrid	8228.023042	386393.2	159235.9	227157.3	34022.87528	68608.27	0.001167	0	0.00425	0.005417	0.000105	0	3.5E-05	0.00014	0.000852	0.000599	0.001591	0.000114	0	3.81E-05	0.000152	0.003407	0.001713	0.005272	50.56015	0	2.415649	52.9758	0.000167
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Gasoline	6932398.074	2.71E+08	2.71E+08	0	32212704.77	0	12.31168	0	8.772121	21.0838	0.280794	0	0.052343	0.333137	0.596751	0.948929	1.878816	0.305389	0	0.056928	0.362317	2.387002	2.711225	5.460544	90906.95	0	2660.161	93567.11	0.623381
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Diesel	25614.23115	1016511	1016511	0	120314.7235	0	0.038168	0	0	0.038168	0.004681	0	0	0.004681	0.002241	0.003554	0.010476	0.004892	0	0	0.004892	0.008964	0.010154	0.024011	314.9259	0	0	314.9259	0.000787
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Electricity	136571.5482	4504055	0	4504055	677563.0873	1738937	0	0	0	0	0	0	0	0	0.00993	0.007603	0.017533	0	0	0	0	0.039719	0.021723	0.061442	0	0	0	0	0
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Plug-in Hybrid	116581.1265	5147381	2182653	2964727	482062.9581	895436	0.015981	0	0.060273	0.076254	0.00173	0	0.000602	0.002332	0.011348	0.007972	0.021652	0.001882	0	0.000654	0.002536	0.045392	0.022777	0.070705	691.787	0	36.94847	728.7355	0.002278
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Gasoline	485738.5318	18143149	18143149	0	7236780.374	0	1.799812	0.016665	4.200286	6.016763	0.02465	0	0.001659	0.026309	0.039999	0.545984	0.612291	0.026809	0	0.001804	0.028613	0.159995	1.559953	1.748562	13748.74	60.98336	200.8172	14010.54	0.066424
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Diesel	355123.508	12977919	12977919	0	4467006.986	0	14.93833	0.643912	0	15.58224	0.368505	0.010204	0	0.378708	0.042917	0.390546	0.812171	0.385167	0.010665	0	0.395832	0.171668	1.115845	1.683346	8011.828	49.47508	0	8061.303	0.078406
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Electricity	61871.89259	3627645	0	3627645	865910.9936	2193564	0	0	0	0	0	0	0	0	0.007998	0.054584	0.062581	0	0	0	0	0.03199	0.155953	0.187943	0	0	0	0	0
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Gasoline	66841.45824	2381123	2381123	0	995838.134	0	0.200943	0.002264	0.588417	0.791624	0.002749	0	0.000159	0.002908	0.005249	0.083598	0.091756	0.00299	0	0.000173	0.003163	0.020998	0.238851	0.263012	2036.995	9.773681	26.90143	2073.671	0.005324
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Diesel	155345.0731	5698025	5698025	0	1954045.595	0	5.33209	0.270543	0	5.602633	0.151426	0.00455	0	0.155976	0.018843	0.20005	0.374869	0.158272	0.004756	0	0.163028	0.075372	0.571571	0.809971	4137.831	34.52143	0	4172.353	0.031981
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Electricity	15860.3303	888740.5	0	888740.5	210301.6562	532548.4	0	0	0	0	0	0	0	0	0.001959	0.015601	0.017561	0	0	0	0	0.007837	0.044575	0.052412	0	0	0	0	0
Statewide Totals	2031	MCY	Aggregate	Aggregate	Gasoline	711562.6749	4088067	4088067	0	1423125.35	0	2.377039	0	0.171973	2.549012	0.009062	0	0.00482	0.013881	0.004506	0.018927	0.037314	0.009709	0	0.00515	0.01486	0.018025	0.054076	0.086961	860.2744	0	69.04725	929.3217	0.716502
Statewide Totals	2031	MDV	Aggregate	Aggregate	Gasoline	4263604.366	1.58E+08	1.58E+08	0	19509442.1	0	9.585274	0	6.366325	15.9516	0.166761	0	0.033233	0.199994	0.348147	0.561322	1.109463	0.181368	0	0.036144	0.217512	1.392587	1.603778	3.213877	65006.83	0	1995.177	67002	0.448408
Statewide Totals	2031	MDV	Aggregate	Aggregate	Diesel	60486.97922	2155583	2155583	0	274814.5394	0	0.099255	0	0	0.099255	0.008653	0	0	0.008653	0.004752	0.007806	0.021211	0.009044	0	0	0.009044	0.019009	0.022303	0.050355	909.0293	0	0	909.0293	0.001171
Statewide Totals	2031	MDV	Aggregate	Aggregate	Electricity	134662.6503	4408375	0	4408375	666549.4853	1701997	0	0	0	0	0	0	0	0	0.009719	0.007447	0.017166	0	0	0	0	0.038875	0.021278	0.060153	0	0	0	0	0
Statewide Totals	2031	MDV	Aggregate	Aggregate	Plug-in Hybrid	72991.05036	3138005	1335846	1802159	301817.9933	544305.7	0.009766	0	0.037735	0.047502	0.001139	0	0.000408	0.001547	0.006918	0.004855	0.01332	0.001239	0	0.000444	0.001683	0.027672	0.013871	0.043226	422.8079	0	28.31771	451.1256	0.001385
Statewide Totals	2031	MH	Aggregate	Aggregate	Gasoline	61504.4364	593464.3	593464.3	0	6152.903817	0	0.135484	0	0.003254	0.138738	0.000743	0	2.07E-06	0.000745	0.001963	0.010081	0.012789	0.000808	0	2.25E-06	0.00081	0.00785	0.028803	0.037464	1214.413	0	0.207162	1214.62	0.003921
Statewide Totals	2031	MH	Aggregate	Aggregate	Diesel	34607.72274	315632.5	315632.5	0	3460.772274	0	1.219852	0	0	1.219852	0.028354	0	0	0.028354	0.001392	0.005342	0.035088	0.029636	0	0	0.029636	0.005567	0.015263	0.050466	364.026	0	0	364.026	0.00147
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Gasoline	40729.54478	2142429	2142429	0	814916.732	0	0.417718	0.003454	0.311532	0.732704	0.002616	0	0.00039	0.003006	0.007085	0.036323	0.046414	0.002845	0	0.000424	0.003269	0.028339	0.103781	0.13539	3773.357	23.06685	37.81097	3834.234	0.012529
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Diesel	293727.152	11930554	11930554	0	3526137.311	0	8.132142	3.099415	5.805614	17.03717	0.078203	0.00242	0	0.080622	0.039454	0.203625	0.323701	0.081739	0.002529	0	0.084268	0.157814	0.581785	0.823867	14070.88	684.1864	0	14755.07	0.006692
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Electricity	36968.54996	1961509	0	1961509	472665.3552	2098497	0	0	0	0	0	0	0	0	0.006487	0.016731	0.023218	0	0	0	0	0.025946	0.047803	0.073749	0	0	0	0	0
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Natural Gas	4121.583895	174020.1	174020.1	0	36499.21339	0	0.016224	0.029698	0	0.045922	0.000225	9.42E-05	0	0.00032	0.000575	0.002981	0.003876	0.000245	0.000102	0	0.000348	0.002302	0.008517	0.011166	170.4111	24.86073	0	195.2718	0.125783
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Gasoline	10126.05898	392498	392498	0	202602.188	0	0.147797	0.000648	0.08765	0.236094	0.000439	0	6.4E-05	0.000503	0.001298	0.006706	0.008507	0.000478	0	6.96E-05	0.000548	0.005192	0.019159	0.024898	704.1378	4.1087	6.786999	715.0335	0.003669
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Diesel	11440.1163	747577.7	747577.7	0	136137.6071	0	1.159371	0.125389	0.212491	1.497251	0.021695	0.000129	0	0.021825	0.002472	0.017334	0.041631	0.022676	0.000135	0	0.022811	0.009889	0.049526	0.082226	1055.25	31.56567	0	1086.815	0.002001
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Electricity	707.9352068	56602.18	0	56602.18	14164.36762	61220.23	0	0	0	0	0	0	0	0	0.000187	0.000483	0.00067	0	0	0	0	0.000749	0.00138	0.002128	0	0	0	0	0
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Natural Gas	894.8858741	48478.73	48478.73	0	7964.48428	0	0.005952	0.001502	0	0.007453	5.73E-05	4.2E-06	0	6.15E-05	0.00016	0.000832	0.001054	6.24E-05	4.57E-06	0	6.69E-05	0.000641	0.002378	0.003086	46.10633	1.173597	0	47.27993	0.034626
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Gasoline	6741.307237	354299.6	354299.6	0	26965.22895	0	0.16107	0.006339	0.024239	0.191648	0.000362	0	1.6E-05	0.000378	0.000781	0.006257	0.007416	0.000393	0	1.74E-05	0.000411	0.003124	0.017877	0.021413	326.5997	19.01225	1.644547	347.2565	0.003228
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Diesel	17439.98847	374804.1	374804.1	0	252531.0331	0	1.238433	0.357906	0.148445	1.744785	0.007126	0.00026	0	0.007386	0.001239	0.006557	0.015183	0.007448	0.000272	0	0.00772	0.004958	0.018735	0.031413	469.0962	41.74948	0	510.8457	0.001093
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Electricity	1878.904235	57865.96	0	57865.96	23590.17125	63267.44	0	0	0	0	0	0	0	0	0.000172	0.00051	0.000682	0	0	0	0	0.000688	0.001456	0.002145	0	0	0	0	0
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Natural Gas	5238.890229	120294.2	120294.2	0	75859.13051	0	0.078144	0.029857	0	0.108001	0.000523	7.95E-05	0	0.000602	0.000398	0.002153	0.003153	0.000569	8.64E-05	0	0.000655	0.001591	0.00615	0.008397	201.456	24.22692	0	225.6829	0.51548
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Gasoline	2634.319223	228524.3	228524.3	0	10537.27689	0	0.02972	0	0.007058	0.036778	0.000323	0	5.85E-06	0.000329	0.0006	0.008662	0.009591	0.000351	0	6.36E-06	0.000358	0.0024	0.02475	0.027507	303.9287	0	0.815456	304.7442	0.000622
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Diesel	2393.266649	223661.6	223661.6	0	9573.066598	0	0.085359	0	0	0.085359	0.001569	0	0	0.001569	0.001842	0.009466	0.012877	0.00164	0	0	0.00164	0.007368	0.027045	0.036054	283.4087	0	0	283.4087	0.000737
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Electricity	4240.530593	502439.4	0	502439.4	16962.12237	972982.5	0	0	0	0	0	0	0	0	0.004459	0.010662	0.01512	0	0	0	0	0.017834	0.030461	0.048296	0	0	0	0	0
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Natural Gas	5931.018193	649261.5	649261.5	0	23724.07277	0	0.087853	0	0	0.087853	0.000413	0	0	0.000413	0.00579	0.027453	0.033656	0.000432	0	0	0.000432	0.023162	0.078436	0.102029	1343.022	0	0	1343.022	2.913188
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Gasoline	55.9814242	6360.93	6360.93	0	1120.076335	0	0.020078	0	0.000142	0.02022	7.83E-06	0	5.42E-07	8.37E-06	3.51E-05	0.000216	0.00026	8.51E-06	0	5.9E-07	9.1E-06	0.00014	0.000618	0.000768	13.25293	0	0.060561	13.3135	0.000603
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Diesel	350357.2806	47743653	47743653	0	5756979.657	0	75.02926	25.85224	17.1982	118.0797	1.394683	0.010905	0	1.405587	0.467923	1.475468	3.348978	1.457744	0.011398	0	1.469142	1.871693	4.215622	7.556457	72897.4	4963.733	0	77861.13	0.030097
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Electricity	27534.5735	3291710	0	3291710	387113.34	5996701	0	0	0	0	0	0	0	0	0.031588	0.054646	0.086235	0	0	0	0	0.126353	0.156132	0.282485	0	0	0	0	0
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Natural Gas	21783.67569	1339798	1339798	0	156902.0863	0	0.778873	0.203097	0	0.981969	0.002376	0.000532	0	0.002908	0.013292	0.079396	0.095596	0.002584	0.000579	0	0.003163	0.053167	0.226846	0.283176	1748.737	207.5867	0	1956.324	1.690976
Statewide Totals	2032	LDA	Aggregate	Aggregate	Gasoline	12513070.96	4.91E+08	4.91E+08	0	57960125.66	0	13.88318	0	12.39187	26.27505	0.46178	0	0.08878	0.55056	1.081516	1.450213	3.082289	0.502228	0	0.096557	0.598784	4.326065	4.143465	9.068315	133574.3	0	3822.233	137396.5	0.804267
Statewide Totals	2032	LDA	Aggregate	Aggregate	Diesel	19400.61399	587561.6	587561.6	0	83142.75229	0	0.051479	0	0	0.051479	0.003499	0	0	0.003499	0.001295	0.001772	0.006567	0.003658	0	0	0.003658	0.005181	0.005063	0.013903	141.3	0	0	141.3	0.000428
Statewide Totals	2032	LDA	Aggregate	Aggregate	Electricity	1294473.632	57108549	0	57108549	6250316.108	22048613	0	0	0	0	0	0	0	0	0.125903	0.096607	0.22251	0	0	0	0	0.503611	0.276019	0.77963	0	0	0	0	0
Statewide Totals	2032	LDA	Aggregate	Aggregate	Plug-in Hybrid	519689.0495	22099228	9630241	12468987	2148914.22	3766006	0.07044	0	0.268817	0.339256	0.00894	0	0.0032	0.01214	0.04872	0.034145	0.095005	0.009723	0	0.003481	0.013203	0.194882	0.097556	0.305642	3046.537	0	140.0193	3186.556	0.010005
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Gasoline	1110384.98	38222875	38222875	0	4862360.696	0	2.96038	0	1.521736	4.482116	0.051093	0	0.010105	0.061197	0.084267	0.138728	0.284192	0.055568	0	0.01099	0.066557	0.337068	0.396367	0.799992	12611.25	0	402.0627	13013.31	0.163517

Statewide Totals	2032	LDT1	Aggregate	Aggregate	Diesel	8.363497822	316.3782	316.3782	0	37.76414998	0	5.17E-05	0	0	5.17E-05	4.61E-06	0	0	4.61E-06	6.97E-07	1.09E-06	6.4E-06	4.82E-06	0	0	4.82E-06	2.79E-06	3.12E-06	1.07E-05	0.126739	0	0	0.126739	4.77E-07
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Electricity	12077.04185	565138.4	0	565138.4	59463.39896	218190.1	0	0	0	0	0	0	0	0	0.001246	0.000954	0.0022	0	0	0	0	0.004984	0.002725	0.007709	0	0	0	0	0
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Plug-in Hybrid	9382.132944	434591.9	178676.2	255915.7	38795.11973	77294.17	0.00131	0	0.004847	0.006156	0.000113	0	3.85E-05	0.000152	0.000958	0.000675	0.001785	0.000123	0	4.19E-05	0.000165	0.003832	0.001928	0.005926	56.74489	0	2.747776	59.49267	0.000188
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Gasoline	7015202.506	2.73E+08	2.73E+08	0	32565469.68	0	11.66839	0	8.641374	20.30977	0.266913	0	0.050196	0.317109	0.601646	0.958549	1.877304	0.290292	0	0.054593	0.344885	2.406584	2.73871	5.490179	90374.06	0	2646.21	93020.27	0.600973
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Diesel	25949.94982	1025233	1025233	0	121699.8215	0	0.037583	0	0	0.037583	0.004682	0	0	0.004682	0.00226	0.003591	0.010533	0.004894	0	0	0.004894	0.009041	0.01026	0.024195	313.3615	0	0	313.3615	0.000792
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Electricity	152701.1374	4963882	0	4963882	754357.3883	1916468	0	0	0	0	0	0	0	0	0.010943	0.008383	0.019327	0	0	0	0	0.043774	0.023952	0.067726	0	0	0	0	0
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Plug-in Hybrid	126250.8179	5499468	2317920	3181548	522047.1321	960922.4	0.016979	0	0.065276	0.082256	0.001751	0	0.000623	0.002374	0.012124	0.008529	0.023027	0.001904	0	0.000678	0.002582	0.048497	0.024368	0.075447	734.8659	0	39.79488	774.6608	0.002415
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Gasoline	476761.828	17668332	17668332	0	7103040.863	0	1.537865	0.016022	4.025583	5.57947	0.02363	0	0.001518	0.025148	0.038952	0.531695	0.595795	0.0257	0	0.001651	0.02735	0.155808	1.519128	1.702287	13257.67	59.51993	196.06	13513.25	0.052703
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Diesel	348448.2101	12612971	12612971	0	4383040.136	0	13.29408	0.61079	0	13.90487	0.342654	0.010012	0	0.352667	0.04171	0.379563	0.77394	0.358147	0.010465	0	0.368613	0.166841	1.084467	1.61992	7755.08	48.20434	0	7803.284	0.07265
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Electricity	79171.97233	4540718	0	4540718	1108043.913	2746448	0	0	0	0	0	0	0	0	0.010011	0.068322	0.078333	0	0	0	0	0.040042	0.195206	0.235248	0	0	0	0	0
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Gasoline	65104.57291	2302565	2302565	0	969961.1305	0	0.173532	0.002151	0.557872	0.733555	0.002639	0	0.000145	0.002783	0.005076	0.08084	0.088699	0.00287	0	0.000157	0.003027	0.020305	0.230971	0.254303	1949.5	9.466764	26.07132	1985.038	0.004423
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Diesel	154061.5472	5578492	5578492	0	1937900.454	0	4.926658	0.260327	0	5.186986	0.144446	0.004505	0	0.148951	0.018448	0.195853	0.363252	0.150977	0.004709	0	0.155686	0.073791	0.55958	0.789057	4029.984	34.04053	0	4064.024	0.030446
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Electricity	20297.79305	1113413	0	1113413	269099.2934	667256.1	0	0	0	0	0	0	0	0	0.002455	0.019545	0.022	0	0	0	0	0.009819	0.055843	0.065662	0	0	0	0	0
Statewide Totals	2032	MCY	Aggregate	Aggregate	Gasoline	714182.7345	4087750	4087750	0	1428365.469	0	2.34441	0	0.165892	2.510302	0.009097	0	0.004782	0.013879	0.004506	0.018925	0.03731	0.009749	0	0.005114	0.014863	0.018024	0.054072	0.086959	858.9862	0	68.14939	927.1356	0.706003
Statewide Totals	2032	MDV	Aggregate	Aggregate	Gasoline	4280150.882	1.58E+08	1.58E+08	0	19578508.17	0	8.889888	0	6.15044	15.04033	0.158246	0	0.031762	0.190007	0.348827	0.563504	1.102339	0.172106	0	0.034544	0.20665	1.395308	1.610013	3.211971	64165.47	0	1968.411	66133.88	0.424075
Statewide Totals	2032	MDV	Aggregate	Aggregate	Diesel	59459.29748	2103429	2103429	0	269393.2024	0	0.087553	0	0	0.087553	0.007798	0	0	0.007798	0.004637	0.007632	0.020067	0.00815	0	0	0.00815	0.018549	0.021807	0.048506	874.3018	0	0	874.3018	0.001086
Statewide Totals	2032	MDV	Aggregate	Aggregate	Electricity	148523.7074	4789759	0	4789759	731886.716	1849242	0	0	0	0	0	0	0	0	0.01056	0.008096	0.018656	0	0	0	0	0.042238	0.023132	0.06537	0	0	0	0	0
Statewide Totals	2032	MDV	Aggregate	Aggregate	Plug-in Hybrid	78821.47924	3347220	1415211	1932009	325926.8167	583524.3	0.010352	0	0.040752	0.051104	0.001139	0	0.000418	0.001557	0.007379	0.005187	0.014123	0.001239	0	0.000454	0.001694	0.029517	0.014819	0.04603	448.1034	0	30.38234	478.4857	0.001466
Statewide Totals	2032	MH	Aggregate	Aggregate	Gasoline	59280.35481	577501.9	577501.9	0	5930.406695	0	0.120783	0	0.003166	0.123949	0.000718	0	2E-06	0.00072	0.00191	0.009809	0.012439	0.000781	0	2.17E-06	0.000783	0.007639	0.028026	0.036448	1181.392	0	0.199067	1181.591	0.003532
Statewide Totals	2032	MH	Aggregate	Aggregate	Diesel	34415.07214	313036.5	313036.5	0	3441.507214	0	1.172329	0	0	1.172329	0.026627	0	0	0.026627	0.00138	0.005298	0.033305	0.027831	0	0	0.027831	0.005521	0.015136	0.048488	361.0918	0	0	361.0918	0.001421
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Gasoline	39349.17254	2049085	2049085	0	787298.2443	0	0.363155	0.003274	0.296563	0.662992	0.002517	0	0.000374	0.002891	0.006776	0.034743	0.04441	0.002737	0	0.000407	0.003144	0.027105	0.099265	0.129514	3580.993	22.12951	36.15178	3639.275	0.011013
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Diesel	291109.3493	11750779	11750779	0	3496042.836	0	7.466661	2.9649	5.64676	16.07832	0.0716	0.002078	0	0.073678	0.038859	0.200537	0.313074	0.074837	0.002172	0	0.077009	0.155436	0.572963	0.805409	13767.46	672.7027	0	14440.16	0.006067
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Electricity	47843.53367	2522017	0	2522017	611809.6488	2696879	0	0	0	0	0	0	0	0	0.00834	0.021511	0.029851	0	0	0	0	0.033361	0.061461	0.094822	0	0	0	0	0
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Natural Gas	4179.867589	173803.6	173803.6	0	37086.8478	0	0.015743	0.030051	0	0.045794	0.000228	9.64E-05	0	0.000324	0.000575	0.002977	0.003876	0.000248	0.000105	0	0.000352	0.002299	0.008506	0.011158	169.8116	25.20797	0	195.0196	0.125985
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Gasoline	9730.305778	367608.3	367608.3	0	194683.958	0	0.128983	0.000614	0.083874	0.213472	0.000418	0	6.17E-05	0.000479	0.001216	0.00628	0.007975	0.000454	0	6.71E-05	0.000521	0.004863	0.017942	0.023326	654.4163	3.932391	6.502267	664.851	0.00325
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Diesel	11516.04405	750967.5	750967.5	0	136943.6889	0	1.122659	0.121699	0.20742	1.451778	0.020826	0.000124	0	0.020949	0.002483	0.017472	0.040905	0.021767	0.000129	0	0.021896	0.009934	0.049921	0.081751	1052.638	31.39868	0	1084.037	0.001913
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Electricity	889.4258831	70179.93	0	70179.93	17795.63307	75909.14	0	0	0	0	0	0	0	0	0.000232	0.000599	0.000831	0	0	0	0	0.000928	0.00171	0.002639	0	0	0	0	0
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Natural Gas	907.7988203	48856.9	48856.9	0	8079.4095	0	0.005844	0.001521	0	0.007365	5.86E-05	4.32E-06	0	6.29E-05	0.000162	0.000839	0.001063	6.37E-05	4.7E-06	0	6.84E-05	0.000646	0.002396	0.003111	46.14775	1.187046	0	47.3348	0.035026
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Gasoline	6689.255885	350722.9	350722.9	0	26757.02354	0	0.13997	0.006236	0.024457	0.170662	0.000357	0	1.59E-05	0.000373	0.000773	0.006194	0.007341	0.000389	0	1.73E-05	0.000406	0.003093	0.017698	0.021197	322.2526	18.81184	1.616211	342.6807	0.002699
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Diesel	16968.40544	363433.1	363433.1	0	245702.5107	0	1.065638	0.326182	0.149495	1.541315	0.006287	0.000222	0	0.00651	0.001202	0.006357	0.014069	0.006571	0.000232	0	0.006804	0.004807	0.018164	0.029775	452.5323	40.28189	0	492.8142	0.000973
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Electricity	2398.551199	73813.03	0	73813.03	30164.05291	80700.14	0	0	0	0	0	0	0	0	0.00022	0.00065	0.00087	0	0	0	0	0.000879	0.001858	0.002737	0	0	0	0	0
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Natural Gas	5313.419974	120289.9	120289.9	0	76938.32122	0	0.076327	0.030253	0	0.10658	0.000523	8.13E-05	0	0.000604	0.000398	0.002153	0.003155	0.000569	8.84E-05	0	0.000657	0.001591	0.00615	0.008399	200.5961	24.58266	0	225.1788	0.511113
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Gasoline	2605.541361	226840.2	226840.2	0	10422.16544	0	0.030852	0	0.007066	0.037918	0.00032	0	5.67E-06	0.000326	0.000593	0.008585	0.009504	0.000348	0	6.17E-06	0.000354	0.002374	0.024527	0.027255	299.156	0	0.795448	299.9514	0.000606
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Diesel	2027.509992	184017.1	184017.1	0	8110.039969	0	0.06954	0	0	0.06954	0.001289	0	0	0.001289	0.001501	0.007783	0.010573	0.001347	0	0	0.001347	0.006003	0.022238	0.029589	230.0842	0	0	230.0842	0.000603
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Electricity	4956.480476	579038.7	0	579038.7	19825.9219	1110491	0	0	0	0	0	0	0	0	0.005112	0.012287	0.017399	0	0	0	0	0.020447	0.035105	0.055553	0	0	0	0	0
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Natural Gas	5713.476467	624948.4	624948.4	0	22853.90587	0	0.072343	0	0	0.072343	0.000422	0	0	0.000422	0.005573	0.02642	0.032415	0.000441	0	0	0.000441	0.022293	0.075486	0.098219	1294.677	0	0	1294.677	2.876696
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Gasoline	52.83436657	6139.813	6139.813	0	1057.110006	0	0.018728	0	9.17E-05	0.018819	7.56E-06	0	5.06E-07	8.06E-06	3.38E-05	0.000209	0.000251	8.22E-06	0	5.51E-07	8.77E-06	0.000135	0.000596	0.00074	12.61736	0	0.056003	12.67336	0.000579
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Diesel	353488.4956	48559936	48559936	0	5828242.389	0	74.9231	26.00085	17.31581	118.2398	1.415033	0.010883	0	1.425916	0.476121	1.508107	3.410144	1.479014	0.011375	0	1.49039	1.904483	4.308878	7.70375	73166.45	4974.739	0	78141.19	0.030064
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Electricity	33416.03334	3969000	0	3969000	466080.0768	7231420	0	0	0	0	0	0	0	0	0.038072	0.065976	0.104047	0	0	0	0	0.152287	0.188502	0.340789	0	0	0	0	0
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Natural Gas	21814.13909	1340502	1340502	0	157576.5326	0	0.726976	0.200751	0	0.927727	0.002351	0.000546	0	0.002897	0.013299	0.079228	0.095424	0.002557	0.000594	0	0.003151	0.053195	0.226364	0.282711	1734.151	207.8219	0	1941.972	1.603742
Statewide Totals	2033	LDA	Aggregate	Aggregate	Gasoline	12494333.22	4.9E+08	4.9E+08	0	57890194.11	0	13.37925	0	12.10265	25.48191	0.433888	0	0.083735	0.517623	1.080363	1.450452	3.048438	0.471893	0	0.091069	0.562962	4.321453	4.144148	9.028563	131843.2	0	3761.364	135604.5	0.768304
Statewide Totals	2033	LDA	Aggregate	Aggregate	Diesel	17624.42392	529930.3	529930.3	0	75265.6856	0	0.043067	0	0	0.043067	0.002939	0	0	0.002939	0.001168	0.0016	0.005707	0.003072	0	0	0.003072	0.004673	0.004571	0.012316	125.5601	0	0	125.5601	0.000366
Statewide Totals	2033	LDA	Aggregate	Aggregate	Electricity	1352655.838	59079946	0	59079946	6510777.143	22809735	0	0	0	0	0	0	0	0	0.130249	0.099967	0.230216	0	0	0	0	0.520996	0.285621	0.806617	0	0	0	0	0
Statewide Totals	2033	LDA	Aggregate	Aggregate	Plug-in Hybrid	531720.1557	22401138	9667491	12733647	2198662.844	3845941	0.070777	0	0.275059	0.345836	0.008466	0	0.003111	0.011577	0.049386	0.034671	0.095634	0.009208	0	0.003383	0.012591	0.197544	0.09906	0.309195	3060.314	0	142.1321	3202.446	0.010037
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Gasoline	1093114.139	37726555	37726555	0	4794437.6	0	2.576799	0	1.423906	4.000704	0.046623	0	0.0093	0.055923	0.083173	0.137021	0.276117	0.050707	0	0.010115	0.060821	0.332691	0.391488	0.785001	12278.1	0	388.8066	12666.91	0.145182
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Diesel	8.644748907	327.8772	327.8772	0	39.15701094	0	4.7E-05	0	0	4.7E-05	4.28E-06	0	0	4.28E-06	7.23E-07	1.14E-06	6.14E-06	4.47E-06	0	0	4.47E-06	2.89E-06	3.24E-06	1.06E-05	0.130399	0	0	0.130399	4.58E-07
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Electricity	13532.95545	627510.1	0	627510.1	66479.13281	242270.7	0	0	0	0	0	0	0	0	0.001383	0.00106	0.002443	0	0	0	0	0.005534	0.003027	0.008561	0	0	0	0	0
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Plug-in Hybrid	10509.25238	479961.4	196968.1	282993.3	43455.75859	85472.42	0.001445	0	0.005429	0.006874	0.000121	0	4.19E-05	0.000163	0.001058	0.000746	0.001967	0.000132	0	4.56E-05	0.000177	0.004233	0.002132	0.006542	62.581	0	3.07198	65.65298	0.000207
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Gasoline	7089140.609	2.75E+08	2.75E+08	0	32880363.78	0	11.07404	0	8.525521	19.59956	0.253371	0	0.047975	0.301346	0.605926	0.967506	1.874778	0.275564	0	0.052178	0.327741	2.423704	2.764304	5.515749	89871.35	0	2631.866	92503.21	0.580121
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Diesel	26250.86196	1033033	1033033	0	122939.9969	0	0.037214	0	0	0.037214	0.004703	0	0	0.004703	0.002277	0.003626	0.010606	0.004916	0	0	0.004916	0.00911	0.01036	0.024385	311.9333	0	0	311.9333	0.000797
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Electricity	168288.6057	5391603	0	5391603	827777.106	2081604	0	0	0	0	0	0	0	0	0.011886	0.00911	0.020996	0	0	0	0	0.047546	0.026028	0.073573	0	0	0	0	0
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Plug-in Hybrid	135411.6841	5821910	2441025	3380884	559927.3137	1021128	0.017894	0	0.070017	0.087911	0.001765	0	0.000642	0.002407	0.012835	0.009041	0.024283	0.00192	0	0.000698	0.002618	0.05134	0.02583	0.079789	774.2552	0	42.47643	816.7316	0.00254
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Gasoline	466482.4104	17139588	17139588	0	6949892.857	0	1.387901	0.01537	3.827444	5.230715	0.022509	0	0.001362	0.023871	0.037786	0.515783	0.57744	0.024481	0	0.001481	0.025962	0.151145	1.473667	1.650773	12735.42	57.92794	191.1064	12984.46	0.046309
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Diesel	340889.532	12215382	12215382	0	4287961.473	0	11.77566	0.577856	0	12.35352	0.318969	0.0098	0	0.328769	0.040395	0.367599	0.736763	0.333391	0.010243	0	0.343634	0.161582	1.050282	1.555498	7477.471	46.84043	0	7524.311	0.06723
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Electricity	98631.90756	5539948	0	5539948	1380391.352	3352455	0	0	0	0	0	0	0	0	0.012213	0.083357	0.095571	0	0	0	0	0.048854	0.238163	0.287017	0	0	0	0	0
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Gasoline	63310.07888	2220751	2220751	0	943225.8433	0	0.153089	0.002042	0.527608	0.682739	0.002537	0	0.000133	0.002671	0.004896	0.077967	0.085534	0.00276	0	0.000145	0.002904	0.019584	0.222764	0.245252	1860.355	9.156903	25.24247	1894.755	0.003923
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Diesel	152384.5709	5443006	5443006	0	1916806.202	0	4.559426	0.25021	0	4.809636	0.138125	0.004448	0	0.142573	0.018	0.191096	0.351669	0.14437	0.004649	0	0.149019	0.071999	0.54599	0.767008	3911.256	33.49357	0	3944.75	0.029009
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Electricity	25288.32239	1359524	0	1359524	335209.9865	815022.5	0	0	0	0	0	0	0	0	0.002997	0.023866	0.026863	0	0	0	0	0.011989	0.068187	0.080176	0	0	0	0	0
Statewide Totals	2033	MCY	Aggregate	Aggregate	Gasoline	717651.8412	4089316	4089316	0	1435303.682	0	2.317567	0	0.161128	2.478695	0.00919	0	0.004861	0.014051	0.004508	0.018932	0.037491	0.00985	0	0.0052	0.01505	0.018031	0.054092	0.087173	858.4497	0	67.50993	925.9596	0.697552
Statewide Totals	2033	MDV	Aggregate	Aggregate	Gasoline	4297289.032	1.59E+08	1.59E+08	0	19650262.93	0	8.2925	0	5.971701	14.2642	0.150216	0	0.03031	0.180526	0.349552	0.565886	1.095964	0.163374	0	0.032965	0.196339	1.398209	1.616817	3.211365	63440.25	0	1944.611	65384.86	0.402988
Statewide Totals	2033	MDV	Aggregate	Aggregate	Diesel	58416.96624	2054940	2054940	0	264066.9781	0	0.077895	0	0	0.077895	0.007035	0	0	0.007035	0.00453	0.007469	0.019034	0.007353	0	0	0.007353	0.018121	0.021339	0.046813	842.5258	0	0	842.5258	0.001009
Statewide Totals	2033	MDV	Aggregate	Aggregate	Electricity	161847.737	5142229	0	5142229	794004.67	1985325	0	0	0	0	0	0	0	0	0.011337	0.008696	0.020033	0	0	0	0	0.045347	0.024847	0.070194	0	0	0	0	0
Statewide Totals	2033	MDV	Aggregate	Aggregate	Plug-in Hybrid	84408.01857	3540950	1488545	2052405	349027.1568	619887.6	0.010898	0	0.043643	0.054541	0.001139	0	0.000427	0.001565	0.007806	0.005495	0.014867	0.001238	0	0.000464	0.001702	0.031226	0.0157	0.048628	471.6076	0	32.35494	503.9625	0.001541
Statewide Totals	2033	MH	Aggregate	Aggregate	Gasoline	57366.8143	564080.4	564080.4	0	5738.976102	0	0.108127	0	0.003086	0.111212	0.000697	0	1.94E-06	0.000699	0.001865	0.009579	0.012143	0.000758	0	2.11E-06	0.00076	0.007462	0.027367	0.035589	1153.576	0	0.192112	1153.769	0.003202
Statewide Totals	2033	MH	Aggregate	Aggregate	Diesel	34190.61645	310445.5	310445.5	0	3419.061645	0	1.125175	0	0	1.125175	0.024944	0	0	0.024944	0.001369	0.005252	0.031565	0.026071	0	0	0.026071	0.005475	0.015007	0.046554	358.0364	0	0	358.0364	0.00137
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Gasoline	37931.28352	1954515	1954515	0	758929.1207	0	0.316711	0.003097	0.282277	0.602085	0.002411	0	0.000359	0.00277	0.006463	0.033132	0.042366	0.002622	0	0.00039	0.003013	0.025854	0.094664	0.12353	3389.894	21.18382	34.49929	3445.577	0.009716
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Diesel	287220.5613	11547153	11547153	0	3450479.077	0	6.867019	2.83031	5.47085	15.16818	0.06607	0.001795	0	0.067866	0.038186	0.196999	0.30305	0.069058	0.001877	0	0.070934	0.152743	0.562853	0.78653	13437.94	658.437	0	14096.37	0.005525
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Electricity	59647.66556	3117639	0	3117639	762916.6533	3333367	0	0	0	0	0	0	0	0	0.01031	0.026586	0.036896	0	0	0	0	0.041239	0.07596	0.1172	0	0	0	0	0
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Natural Gas	4217.681611	172943	172943	0	37500.68033	0	0.015228	0.030254	0	0.045482	0.000228	9.82E-05	0	0.000326	0.000572	0.002962	0.00386	0.000248	0.000107	0	0.000355	0.002288	0.008462	0.011105	168.4273	25.42952	0	193.8568	0.125444
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Gasoline	9343.693625	343922	343922	0	186948.6221	0	0.114055	0.000583	0.078747	0.193384	0.000396	0	5.91E-05	0.000455	0.001137	0.005875	0.007467	0.000431	0	6.42E-05	0.000495	0.004549	0.016785	0.021829	607.8119	3.762106	6.226259	617.8003	0.002944
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Diesel	11565.149	754130.6	754130.6	0	137337.965	0	1.081503	0.117478	0.201919	1.400899	0.019901	0.000117	0	0.020019	0.002494	0.017602	0.040115	0.020801	0.000123	0	0.020924	0.009975	0.050292	0.081192	1050.593	31.0823	0	1081.675	0.001822
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Electricity	1081.997749	84210.28	0	84210.28	21648.61096	91088.79	0	0	0	0	0	0	0	0	0.000278	0.000718	0.000997	0	0	0	0	0.001114	0.002052	0.003166	0	0	0	0	0
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Natural Gas	920.5295164	49415.96	49415.96	0	8192.712696	0	0.00576	0.00154	0	0.007299	6.01E-05	4.44E-06	0	6.45E-05	0.000163	0.000848	0.001076	6.53E-05	4.83E-06	0	7.02E-05	0.000654	0.002424	0.003148	46.38166	1.200512	0	47.58218	0.035546
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Gasoline	6601.494706	345478.3	345478.3	0	26405.97882	0	0.115105	0.006107	0.024495	0.145707	0.000351	0	1.56E-05	0.000366	0.000762	0.006102	0.00723	0.000381	0	1.7E-05	0.000398	0.003047	0.017433	0.020878	316.2721	18.50741	1.576735	336.3563	0.002072
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Diesel	16480.98347	351778.2	351778.2	0	238644.6406	0	0.90707	0.295289	0.150311	1.35267	0.005497	0.000188	0	0.005684	0.001163	0.006153	0.013	0.005745	0.000196	0	0.005941	0.004653	0.017579	0.028173	435.7977	38.77739	0	474.5751	0.000859
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Electricity	2957.985875	90927.04	0	90927.04	37235.10962	99413.19	0	0	0	0	0	0	0	0	0.000271	0.000801	0.001072	0	0	0	0	0.001084	0.002288	0.003372	0	0	0	0	0
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Natural Gas	5368.54309	119772.8	119772.8	0	77736.50394	0	0.074172	0.030539	0	0.104711	0.000521	8.28E-05	0	0.000603	0.000396	0.002143	0.003143	0.000566	9E-05	0	0.000656	0.001584	0.006124	0.008364	198.8737	24.84959	0	223.7233	0.504523
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Gasoline	2458.042243	216090.9	216090.9	0	9832.168972	0	0.028025	0	0.006353	0.034378	0.000303	0	4.95E-06	0.000308	0.000557	0.008122	0.008987	0.00033	0	5.39E-06	0.000335	0.002228	0.023206	0.025769	275.3807	0	0.710462	276.0911	0.000549
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Diesel	1806.306957	170064.8	170064.8	0	7225.227827	0	0.063728	0	0	0.063728	0.001187	0	0	0.001187	0.001375	0.007191	0.009753	0.001241	0	0	0.001241	0.005502	0.020546	0.027288	209.6533	0	0	209.6533	0.000555
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Electricity	5700.896743	641511.8	0	641511.8	22803.58697	1227083	0	0	0	0	0	0	0	0	0.005596	0.013613	0.019209	0	0	0	0	0.022385	0.038893	0.061278	0	0	0	0	0
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Natural Gas	5441.576584	598129.4	598129.4	0	21766.30633	0	0.069393	0	0	0.069393	0.000421	0	0	0.000421	0.005339	0.025281	0.031041	0.00044	0	0	0.00044	0.021355	0.072232	0.094027	1238.915	0	0	1238.915	2.755216
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Gasoline	50.36405233	5922.815	5922.815	0	1007.683959	0	0.017621	0	5.67E-05	0.017678	7.33E-06	0	4.81E-07	7.81E-06	3.26E-05	0.000202	0.000242	7.97E-06	0	5.23E-07	8.49E-06	0.000131	0.000577	0.000716	12.02465	0	0.052766	12.07742	0.000551
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Diesel	356554.6876	49434540	49434540	0	5902379.586	0	74.99431	26.19116	17.44286	118.6283	1.434694	0.01088	0	1.445574	0.484914	1.543237	3.473725	1.499564	0.011372	0	1.510936	1.939655	4.409248	7.85984	73597.69	4996.159	0	78593.85	0.030103
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Electricity	39493.11951	4637934	0	4637934	545262.4574	8450607	0	0	0	0	0	0	0	0	0.044451	0.077272	0.121723	0	0	0	0	0.177803	0.220778	0.398581	0	0	0	0	0
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Natural Gas	21778.8385	1338731	1338731	0	157939.3471	0	0.680503	0.198619	0	0.879122	0.002332	0.000559	0	0.002891	0.013281	0.078876	0.095049	0.002537	0.000608	0	0.003144	0.053125	0.225361	0.281631	1719.757	207.5911	0	1927.348	1.52627
Statewide Totals	2034	LDA	Aggregate	Aggregate	Gasoline	12482173.61	4.9E+08	4.9E+08	0	57856507.45	0	12.93877	0	11.84502	24.7838	0.407615	0	0.078947	0.486562	1.079887	1.448977	3.015426	0.443318	0	0.085862	0.52918	4.319549	4.139934	8.988663	130353.6	0	3707.807	134061.4	0.735913
Statewide Totals	2034	LDA	Aggregate	Aggregate	Diesel	16029.29466	480762.1	480762.1	0	68297.58498	0	0.036325	0	0	0.036325	0.002463	0	0	0.002463	0.00106	0.001449	0.004972	0.002575	0	0	0.002575	0.00424	0.00414	0.010954	112.0921	0	0	112.0921	0.000312
Statewide Totals	2034	LDA	Aggregate	Aggregate	Electricity	1406153.072	60833655	0	60833655	6748312.194	23486812	0	0	0	0	0	0	0	0	0.134115	0.102959	0.237074	0	0	0	0	0.536461	0.294168	0.830629	0	0	0	0	0
Statewide Totals	2034	LDA	Aggregate	Aggregate	Plug-in Hybrid	542264.7819	22653209	9690590	12962619	2242264.873	3915097	0.070937	0	0.280531	0.351468	0.008007	0	0.003015	0.011023	0.049942	0.035096	0.096061	0.008709	0	0.00328	0.011988	0.199767	0.100275	0.31203	3067.183	0	143.8804	3211.064	0.010039
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Gasoline	1075761.597	37260628	37260628	0	4728819.368	0	2.244325	0	1.336803	3.581127	0.042226	0	0.008503	0.050728	0.082146	0.135129	0.268003	0.045924	0	0.009247	0.055172	0.328583	0.386084	0.769838	11966.35	0	376.1166	12342.47	0.127575
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Diesel	8.915110669	338.4921	338.4921	0	40.48216721	0	4.29E-05	0	0	4.29E-05	3.98E-06	0	0	3.98E-06	7.46E-07	1.18E-06	5.9E-06	4.16E-06	0	0	4.16E-06	2.98E-06	3.36E-06	1.05E-05	0.133763	0	0	0.133763	4.4E-07
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Electricity	14954.37922	686092.6	0	686092.6	73255.02653	264888.4	0	0	0	0	0	0	0	0	0.001513	0.001159	0.002672	0	0	0	0	0.00605	0.003311	0.009362	0	0	0	0	0
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Plug-in Hybrid	11605.26693	522476.4	214103.1	308373.3	47987.77876	93137.94	0.00157	0	0.005996	0.007566	0.000128	0	4.52E-05	0.000173	0.001152	0.000813	0.002138	0.000139	0	4.92E-05	0.000189	0.004607	0.002322	0.007118	68.00941	0	3.387073	71.39648	0.000224

Statewide Totals	2034	LDT2	Aggregate	Aggregate	Gasoline	7156982.634	2.77E+08	2.77E+08	0	33168275.2	0	10.5523	0	8.431362	18.98366	0.240309	0	0.045788	0.286097	0.609752	0.973941	1.86979	0.261358	0	0.049799	0.311157	2.439009	2.782688	5.532854	89394.45	0	2618.399	92012.85	0.561422
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Diesel	26510.80429	1039753	1039753	0	124017.6165	0	0.036876	0	0	0.036876	0.004718	0	0	0.004718	0.002292	0.00365	0.010661	0.004932	0	0	0.004932	0.009169	0.010429	0.02453	310.433	0	0	310.433	0.0008
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Electricity	183289.5499	5787735	0	5787735	897688.5629	2234543	0	0	0	0	0	0	0	0	0.01276	0.009783	0.022543	0	0	0	0	0.051039	0.027952	0.078992	0	0	0	0	0
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Plug-in Hybrid	144072.9685	6116715	2553089	3563626	595741.7246	1076321	0.018712	0	0.0745	0.093212	0.001773	0	0.000658	0.002431	0.013485	0.009505	0.025421	0.001928	0	0.000716	0.002644	0.05394	0.027158	0.083742	809.6514	0	44.99907	854.6504	0.002651
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Gasoline	454860.5	16558788	16558788	0	6776743.709	0	1.224389	0.014708	3.655137	4.894233	0.021249	0	0.001188	0.022437	0.036506	0.498305	0.557248	0.02311	0	0.001292	0.024403	0.146024	1.423729	1.594155	12207.18	56.20188	185.7309	12449.11	0.040751
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Diesel	332965.4527	11797369	11797369	0	4188286.524	0	10.45478	0.546578	0	11.00136	0.298622	0.009572	0	0.308194	0.039013	0.355019	0.702226	0.312124	0.010005	0	0.322129	0.156052	1.014341	1.492523	7194.272	45.46432	0	7239.736	0.062568
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Electricity	120194.4738	6619125	0	6619125	1682140.094	4006478	0	0	0	0	0	0	0	0	0.014593	0.099595	0.114188	0	0	0	0	0.058371	0.284557	0.342928	0	0	0	0	0
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Gasoline	61325.90701	2132772	2132772	0	913664.6388	0	0.134374	0.00193	0.496895	0.633199	0.002432	0	0.000122	0.002554	0.004702	0.074879	0.082134	0.002645	0	0.000132	0.002777	0.018808	0.213939	0.235524	1770.6	8.823446	24.34786	1803.771	0.003487
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Diesel	150277.54	5291489	5291489	0	1890302.404	0	4.237807	0.240135	0	4.477943	0.13244	0.004371	0	0.13681	0.017499	0.185777	0.340086	0.138428	0.004568	0	0.142996	0.069994	0.530791	0.743782	3785.648	32.87746	0	3818.526	0.027766
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Electricity	30819.34503	1625642	0	1625642	408466.9133	974657.1	0	0	0	0	0	0	0	0	0.003584	0.028537	0.032121	0	0	0	0	0.014336	0.081534	0.09587	0	0	0	0	0
Statewide Totals	2034	MCY	Aggregate	Aggregate	Gasoline	721047.6514	4091407	4091407	0	1442095.303	0	2.293072	0	0.1565	2.449572	0.009268	0	0.004936	0.014204	0.00451	0.018942	0.037656	0.009935	0	0.005281	0.015216	0.01804	0.05412	0.087376	857.9034	0	66.89293	924.7964	0.689405
Statewide Totals	2034	MDV	Aggregate	Aggregate	Gasoline	4314392.917	1.59E+08	1.59E+08	0	19722972.67	0	7.762134	0	5.82324	13.58537	0.142341	0	0.028838	0.171179	0.350301	0.567273	1.088754	0.154809	0	0.031363	0.186173	1.401206	1.620781	3.208159	62794.71	0	1923.299	64718	0.383417
Statewide Totals	2034	MDV	Aggregate	Aggregate	Diesel	57366.05688	2010510	2010510	0	258903.8633	0	0.069199	0	0	0.069199	0.00627	0	0	0.00627	0.004432	0.007302	0.018004	0.006554	0	0	0.006554	0.01773	0.020862	0.045146	813.3327	0	0	813.3327	0.000932
Statewide Totals	2034	MDV	Aggregate	Aggregate	Electricity	174614.2654	5466794	0	5466794	852877.2779	2110634	0	0	0	0	0	0	0	0	0.012052	0.00925	0.021302	0	0	0	0	0.048209	0.026428	0.074637	0	0	0	0	0
Statewide Totals	2034	MDV	Aggregate	Aggregate	Plug-in Hybrid	89686.20003	3717912	1555220	2162693	370852.4371	653197.6	0.011386	0	0.046374	0.05776	0.001134	0	0.000434	0.001568	0.008197	0.005775	0.015539	0.001234	0	0.000472	0.001706	0.032786	0.016499	0.050991	492.6789	0	34.2087	526.8876	0.001607
Statewide Totals	2034	MH	Aggregate	Aggregate	Gasoline	55588.30178	552047	552047	0	5561.05371	0	0.096925	0	0.003	0.099925	0.000679	0	1.88E-06	0.000681	0.001826	0.009374	0.011881	0.000739	0	2.05E-06	0.000741	0.007302	0.026782	0.034825	1128.701	0	0.185676	1128.886	0.002915
Statewide Totals	2034	MH	Aggregate	Aggregate	Diesel	33935.5168	307868.3	307868.3	0	3393.55168	0	1.080269	0	0	1.080269	0.023266	0	0	0.023266	0.001357	0.005208	0.029832	0.024318	0	0	0.024318	0.00543	0.014881	0.044629	355.1327	0	0	355.1327	0.001321
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Gasoline	36476.8091	1859073	1859073	0	729827.9964	0	0.277945	0.002924	0.269572	0.55044	0.002305	0	0.000344	0.002649	0.006148	0.031517	0.040314	0.002507	0	0.000374	0.002881	0.024591	0.090047	0.11752	3201.164	20.2301	32.8499	3254.244	0.008615
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Diesel	282262.5413	11319757	11319757	0	3391947.883	0	6.329034	2.698222	5.283783	14.31104	0.061148	0.001562	0	0.06271	0.037434	0.193097	0.293241	0.063913	0.001632	0	0.065546	0.149735	0.551706	0.766987	13087.49	641.976	0	13729.47	0.005067
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Electricity	72384.87353	3748709	0	3748709	925976.8239	4006958	0	0	0	0	0	0	0	0	0.012397	0.031969	0.044366	0	0	0	0	0.049587	0.09134	0.140927	0	0	0	0	0
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Natural Gas	4224.917551	171134.5	171134.5	0	37617.3009	0	0.014689	0.030248	0	0.044938	0.000228	9.92E-05	0	0.000327	0.000566	0.002931	0.003824	0.000248	0.000108	0	0.000356	0.002264	0.008373	0.010993	166.2998	25.47218	0	191.7719	0.124416
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Gasoline	8964.914146	321567.3	321567.3	0	179370.0022	0	0.099074	0.000553	0.073026	0.172653	0.000373	0	5.6E-05	0.000429	0.001063	0.005493	0.006986	0.000406	0	6.09E-05	0.000467	0.004254	0.015694	0.020414	564.4799	3.596879	5.951548	574.0283	0.002674
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Diesel	11602.36106	757211.6	757211.6	0	137609.4671	0	1.040373	0.112964	0.196353	1.34969	0.018941	0.000111	0	0.019052	0.002504	0.01773	0.039287	0.019798	0.000116	0	0.019914	0.010016	0.050658	0.080589	1048.805	30.73226	0	1079.537	0.001728
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Electricity	1284.868007	98628.17	0	98628.17	25707.63909	106690.9	0	0	0	0	0	0	0	0	0.000326	0.000841	0.001168	0	0	0	0	0.001305	0.002404	0.003709	0	0	0	0	0
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Natural Gas	933.3586374	50020.22	50020.22	0	8306.891873	0	0.005662	0.001558	0	0.00722	6.17E-05	4.58E-06	0	6.63E-05	0.000165	0.000859	0.00109	6.71E-05	4.98E-06	0	7.21E-05	0.000662	0.002454	0.003187	46.67722	1.214337	0	47.89156	0.036115
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Gasoline	6490.807685	339133.4	339133.4	0	25963.23074	0	0.090321	0.005962	0.024508	0.12079	0.000344	0	1.53E-05	0.000359	0.000748	0.00599	0.007096	0.000374	0	1.67E-05	0.00039	0.002991	0.017113	0.020494	309.2914	18.13872	1.5326	328.9627	0.001473
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Diesel	15983.09738	339737.1	339737.1	0	231435.2501	0	0.764637	0.265443	0.150829	1.180909	0.004747	0.000156	0	0.004903	0.001123	0.005941	0.011968	0.004962	0.000163	0	0.005125	0.004494	0.016975	0.026593	418.7978	37.2549	0	456.0527	0.000751
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Electricity	3562.131558	109300.6	0	109300.6	44871.3536	119506.9	0	0	0	0	0	0	0	0	0.000326	0.000963	0.001289	0	0	0	0	0.001303	0.002751	0.004054	0	0	0	0	0
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Natural Gas	5404.883128	118766.6	118766.6	0	78262.7077	0	0.071724	0.030718	0	0.102442	0.000516	8.4E-05	0	0.0006	0.000393	0.002125	0.003118	0.000561	9.14E-05	0	0.000653	0.001571	0.006072	0.008296	196.346	25.03082	0	221.3768	0.495883
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Gasoline	2347.636194	207209.7	207209.7	0	9390.544776	0	0.025988	0	0.005852	0.03184	0.00029	0	4.4E-06	0.000295	0.000527	0.007739	0.00856	0.000316	0	4.78E-06	0.000321	0.002106	0.022111	0.024538	256.1493	0	0.646258	256.7955	0.000505
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Diesel	1722.094617	166577.9	166577.9	0	6888.378469	0	0.062323	0	0	0.062323	0.001167	0	0	0.001167	0.001345	0.007043	0.009554	0.001219	0	0	0.001219	0.005378	0.020122	0.02672	204.608	0	0	204.608	0.000543
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Electricity	6120.746852	669314.4	0	669314.4	24482.98741	1277585	0	0	0	0	0	0	0	0	0.005771	0.014203	0.019974	0	0	0	0	0.023085	0.040579	0.063664	0	0	0	0	0
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Natural Gas	5319.951521	593630	593630	0	21279.80608	0	0.069224	0	0	0.069224	0.000434	0	0	0.000434	0.005313	0.02509	0.030837	0.000454	0	0	0.000454	0.021252	0.071684	0.09339	1234.158	0	0	1234.158	2.745623
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Gasoline	48.16486115	5692.058	5692.058	0	963.682542	0	0.016678	0	2.38E-06	0.01668	7.07E-06	0	4.6E-07	7.53E-06	3.14E-05	0.000195	0.000234	7.69E-06	0	5E-07	8.19E-06	0.000125	0.000556	0.00069	11.43093	0	0.049715	11.48064	0.000527
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Diesel	359761.8784	50374336	50374336	0	5980941.94	0	75.30586	26.43324	17.57157	119.3107	1.456899	0.010922	0	1.467821	0.494369	1.579686	3.541875	1.522774	0.011416	0	1.534189	1.977476	4.513387	8.025052	74210.87	5028.948	0	79239.81	0.030251
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Electricity	45666.71277	5293906	0	5293906	623838.6446	9646653	0	0	0	0	0	0	0	0	0.050682	0.088378	0.13906	0	0	0	0	0.202728	0.252507	0.455235	0	0	0	0	0
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Natural Gas	21666.64476	1333764	1333764	0	157885.0383	0	0.640247	0.196435	0	0.836681	0.002318	0.00057	0	0.002888	0.013232	0.078264	0.094384	0.002521	0.00062	0	0.003141	0.052928	0.223612	0.279681	1702.494	206.8033	0	1909.297	1.456872
Statewide Totals	2035	LDA	Aggregate	Aggregate	Gasoline	12476484.09	4.9E+08	4.9E+08	0	57857637.79	0	12.54961	0	11.61469	24.1643	0.383507	0	0.074458	0.457965	1.079995	1.448349	2.986309	0.417099	0	0.08098	0.498079	4.319981	4.13814	8.9562	129111	0	3661.169	132772.1	0.707121
Statewide Totals	2035	LDA	Aggregate	Aggregate	Diesel	14614.04442	439593.8	439593.8	0	62227.81793	0	0.030807	0	0	0.030807	0.002049	0	0	0.002049	0.000969	0.001322	0.004341	0.002142	0	0	0.002142	0.003877	0.003777	0.009796	100.7949	0	0	100.7949	0.000265
Statewide Totals	2035	LDA	Aggregate	Aggregate	Electricity	1454951.172	62378721	0	62378721	6963274.765	24083335	0	0	0	0	0	0	0	0	0.137522	0.105596	0.243117	0	0	0	0	0.550086	0.301702	0.851788	0	0	0	0	0
Statewide Totals	2035	LDA	Aggregate	Aggregate	Plug-in Hybrid	551388.1178	22859643	9701557	13158086	2279989.867	3974134	0.071008	0	0.285266	0.356275	0.007576	0	0.002916	0.010492	0.050397	0.035447	0.096337	0.00824	0	0.003172	0.011412	0.201588	0.101278	0.314277	3070.242	0	145.2929	3215.535	0.01003
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Gasoline	1061126.665	36866507	36866507	0	4673216.428	0	2.008459	0	1.26841	3.276869	0.038585	0	0.007827	0.046412	0.081277	0.133511	0.2612	0.041965	0	0.008512	0.050477	0.325107	0.381461	0.757046	11696.21	0	365.1911	12061.4	0.113439
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Diesel	9.185790443	348.4286	348.4286	0	41.77248012	0	3.94E-05	0	0	3.94E-05	3.74E-06	0	0	3.74E-06	7.68E-07	1.21E-06	5.72E-06	3.91E-06	0	0	3.91E-06	3.07E-06	3.47E-06	1.04E-05	0.13694	0	0	0.13694	4.27E-07
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Electricity	16334.67507	740774	0	740774	79764.59986	285999.9	0	0	0	0	0	0	0	0	0.001633	0.001252	0.002885	0	0	0	0	0.006533	0.003577	0.010109	0	0	0	0	0
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Plug-in Hybrid	12665.24852	562078.2	230060.4	332017.8	52370.80261	100279.3	0.001687	0	0.006544	0.008231	0.000135	0	4.83E-05	0.000183	0.001239	0.000875	0.002297	0.000147	0	5.26E-05	0.000199	0.004957	0.002499	0.007655	73.06227	0	3.691692	76.75396	0.00024
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Gasoline	7218592.374	2.78E+08	2.78E+08	0	33430020.03	0	10.07583	0	8.349446	18.42528	0.227859	0	0.043624	0.271483	0.613137	0.979576	1.864196	0.247818	0	0.047445	0.295262	2.45255	2.798788	5.5466	88958.17	0	2605.762	91563.93	0.54431
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Diesel	26762.49806	1046252	1046252	0	125068.7372	0	0.036606	0	0	0.036606	0.004736	0	0	0.004736	0.002307	0.003674	0.010716	0.00495	0	0	0.00495	0.009226	0.010496	0.024672	309.2409	0	0	309.2409	0.000804
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Electricity	197625.1512	6151824	0	6151824	963803.0027	2375112	0	0	0	0	0	0	0	0	0.013562	0.010403	0.023966	0	0	0	0	0.05425	0.029723	0.083973	0	0	0	0	0
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Plug-in Hybrid	152170.6481	6383241	2653809	3729432	629225.63	1126400	0.019448	0	0.078691	0.098139	0.001775	0	0.000671	0.002446	0.014073	0.009926	0.026444	0.00193	0	0.00073	0.00266	0.056291	0.028359	0.08731	841.4454	0	47.34459	888.7899	0.00275
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Gasoline	442479.0198	15935907	15935907	0	6592278.102	0	1.07985	0.014061	3.469521	4.563431	0.019987	0	0.00103	0.021017	0.035133	0.479561	0.53571	0.021738	0	0.00112	0.022858	0.140531	1.370174	1.533562	11667.35	54.42242	179.9564	11901.73	0.034911
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Diesel	323800.201	11341644	11341644	0	4072999.188	0	9.21446	0.514492	0	9.728952	0.277376	0.009307	0	0.286683	0.037506	0.341305	0.665495	0.289918	0.009728	0	0.299646	0.150024	0.975158	1.424828	6892.853	43.93921	0	6936.792	0.057824
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Electricity	143818.2528	7772907	0	7772907	2012711.86	4705944	0	0	0	0	0	0	0	0	0.017136	0.116955	0.134092	0	0	0	0	0.068545	0.334158	0.402704	0	0	0	0	0
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Gasoline	59228.5941	2040829	2040829	0	882417.8015	0	0.117101	0.00182	0.466494	0.585415	0.002314	0	0.00011	0.002424	0.004499	0.071651	0.078574	0.002517	0	0.000119	0.002636	0.017997	0.204716	0.22535	1680.111	8.478753	23.41684	1712.007	0.003036
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Diesel	147523.7188	5119730	5119730	0	1855662.797	0	3.934177	0.229515	0	4.163692	0.126109	0.004269	0	0.130378	0.016931	0.179747	0.327056	0.131812	0.004462	0	0.136274	0.067722	0.513562	0.717558	3647.725	32.13721	0	3679.862	0.026464
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Electricity	36878.68746	1910416	0	1910416	488706.0904	1145512	0	0	0	0	0	0	0	0	0.004212	0.033536	0.037748	0	0	0	0	0.016847	0.095817	0.112664	0	0	0	0	0
Statewide Totals	2035	MCY	Aggregate	Aggregate	Gasoline	724797.8383	4094402	4094402	0	1449595.677	0	2.272368	0	0.152445	2.424813	0.009341	0	0.00501	0.014351	0.004513	0.018956	0.03782	0.010013	0	0.005362	0.015375	0.018053	0.05416	0.087588	857.6732	0	66.40147	924.0747	0.682475
Statewide Totals	2035	MDV	Aggregate	Aggregate	Gasoline	4332193.239	1.59E+08	1.59E+08	0	19797855	0	7.321512	0	5.70603	13.02754	0.135042	0	0.027432	0.162474	0.351072	0.56867	1.082216	0.146871	0	0.029835	0.176705	1.404287	1.624772	3.205765	62238.38	0	1904.851	64143.23	0.366913
Statewide Totals	2035	MDV	Aggregate	Aggregate	Diesel	56343.66823	1970400	1970400	0	254018.5595	0	0.06161	0	0	0.06161	0.005572	0	0	0.005572	0.004344	0.007148	0.017064	0.005824	0	0	0.005824	0.017376	0.020423	0.043623	786.997	0	0	786.997	0.000861
Statewide Totals	2035	MDV	Aggregate	Aggregate	Electricity	186779.9802	5763665	0	5763665	908368.0564	2225250	0	0	0	0	0	0	0	0	0.012707	0.009757	0.022463	0	0	0	0	0.050827	0.027877	0.078703	0	0	0	0	0
Statewide Totals	2035	MDV	Aggregate	Aggregate	Plug-in Hybrid	94682.58988	3879657	1616029	2263628	391512.5092	683683.2	0.01183	0	0.04896	0.06079	0.001129	0	0.00044	0.001569	0.008553	0.00603	0.016152	0.001228	0	0.000478	0.001706	0.034213	0.017229	0.053148	511.8875	0	35.95848	547.846	0.001666
Statewide Totals	2035	MH	Aggregate	Aggregate	Gasoline	54030.29632	541622.4	541622.4	0	5405.190844	0	0.088207	0	0.002915	0.091122	0.000666	0	1.84E-06	0.000668	0.001791	0.009196	0.011655	0.000724	0	2E-06	0.000726	0.007164	0.026275	0.034165	1107.16	0	0.180104	1107.34	0.002693
Statewide Totals	2035	MH	Aggregate	Aggregate	Diesel	33674.3575	305434.6	305434.6	0	3367.43575	0	1.037558	0	0	1.037558	0.021654	0	0	0.021654	0.001347	0.005167	0.028168	0.022634	0	0	0.022634	0.005387	0.014762	0.042782	352.3981	0	0	352.3981	0.001274
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Gasoline	34992.31989	1762300	1762300	0	700126.3363	0	0.246333	0.002756	0.257877	0.506966	0.002198	0	0.000332	0.00253	0.005828	0.029878	0.038236	0.002391	0	0.000361	0.002752	0.023311	0.085365	0.111429	3013.576	19.2746	31.2132	3064.063	0.007727
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Diesel	276502.0959	11078238	11078238	0	3323913.188	0	5.832749	2.570116	5.092669	13.49553	0.056775	0.001363	0	0.058139	0.036635	0.188952	0.283726	0.059343	0.001425	0	0.060767	0.14654	0.539863	0.747171	12727.52	623.9156	0	13351.43	0.004662
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Electricity	85783.79891	4405081	0	4405081	1097683.025	4707520	0	0	0	0	0	0	0	0	0.014567	0.037569	0.052136	0	0	0	0	0.058269	0.107339	0.165609	0	0	0	0	0
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Natural Gas	4215.940315	169037.3	169037.3	0	37606.67201	0	0.014177	0.030123	0	0.044301	0.000227	9.98E-05	0	0.000326	0.000559	0.002895	0.00378	0.000247	0.000108	0	0.000355	0.002236	0.00827	0.010861	163.9194	25.40825	0	189.3276	0.123103
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Gasoline	8605.215061	300285.9	300285.9	0	172173.1429	0	0.088179	0.000526	0.069662	0.158367	0.000351	0	5.31E-05	0.000404	0.000993	0.005128	0.006526	0.000382	0	5.77E-05	0.000439	0.003972	0.014653	0.019064	523.7795	3.441792	5.696201	532.9175	0.002449
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Diesel	11625.81914	760244.4	760244.4	0	137702.4006	0	1.000095	0.108206	0.19069	1.29899	0.018033	0.000105	0	0.018138	0.002514	0.017855	0.038507	0.018848	0.00011	0	0.018958	0.010056	0.051014	0.080029	1047.262	30.32787	0	1077.59	0.001638
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Electricity	1497.318513	113371.3	0	113371.3	29958.34882	122642.3	0	0	0	0	0	0	0	0	0.000375	0.000967	0.001342	0	0	0	0	0.0015	0.002763	0.004263	0	0	0	0	0
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Natural Gas	945.9437357	50614.86	50614.86	0	8418.899247	0	0.005559	0.001576	0	0.007135	6.33E-05	4.71E-06	0	6.8E-05	0.000167	0.000869	0.001104	6.89E-05	5.12E-06	0	7.4E-05	0.00067	0.002483	0.003226	46.97765	1.228052	0	48.2057	0.036677
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Gasoline	6373.341184	332368.4	332368.4	0	25493.36473	0	0.070578	0.005813	0.024199	0.100591	0.000339	0	1.51E-05	0.000354	0.000733	0.00587	0.006957	0.000368	0	1.65E-05	0.000385	0.002931	0.016772	0.020088	302.0493	17.75455	1.490944	321.2948	0.001063
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Diesel	15485.35709	327475	327475	0	224227.9707	0	0.640494	0.2371	0.150912	1.028505	0.004052	0.000128	0	0.00418	0.001083	0.005726	0.010989	0.004235	0.000134	0	0.004369	0.004332	0.01636	0.02506	401.7459	35.74398	0	437.4899	0.000653
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Electricity	4199.787843	128750	0	128750	52909.84613	140778.8	0	0	0	0	0	0	0	0	0.000384	0.001134	0.001518	0	0	0	0	0.001535	0.003241	0.004776	0	0	0	0	0
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Natural Gas	5421.759946	117290.1	117290.1	0	78507.08401	0	0.069	0.030784	0	0.099784	0.00051	8.5E-05	0	0.000595	0.000388	0.002099	0.003081	0.000554	9.24E-05	0	0.000647	0.001551	0.005997	0.008195	193.0507	25.12434	0	218.175	0.485279
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Gasoline	2186.90153	192941.4	192941.4	0	8747.606119	0	0.020523	0	0.005022	0.025545	0.000263	0	3.61E-06	0.000267	0.000478	0.007127	0.007872	0.000286	0	3.93E-06	0.00029	0.001914	0.020363	0.022567	222.1905	0	0.556332	222.7468	0.000419
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Diesel	1245.46889	126074.3	126074.3	0	4981.875561	0	0.045205	0	0	0.045205	0.000854	0	0	0.000854	0.000977	0.005324	0.007155	0.000893	0	0	0.000893	0.003908	0.015211	0.020012	151.4071	0	0	151.4071	0.000401
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Electricity	8118.576153	844625	0	844625	32474.30461	1610654	0	0	0	0	0	0	0	0	0.007333	0.017923	0.025256	0	0	0	0	0.029333	0.051207	0.08054	0	0	0	0	0
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Natural Gas	4062.956645	484015.4	484015.4	0	16251.82658	0	0.056037	0	0	0.056037	0.000379	0	0	0.000379	0.004288	0.020437	0.025104	0.000396	0	0	0.000396	0.01715	0.058391	0.075938	997.1126	0	0	997.1126	2.214136
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Gasoline	46.15882787	5466.478	5466.478	0	923.5458281	0	0.015554	0	4.03E-07	0.015555	6.82E-06	0	4.44E-07	7.27E-06	3.01E-05	0.000188	0.000225	7.42E-06	0	4.83E-07	7.9E-06	0.000121	0.000536	0.000665	10.86506	0	0.0468	10.91186	0.000507
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Diesel	362908.1684	51251124	51251124	0	6060300.381	0	75.51889	26.71546	17.68664	119.921	1.475635	0.011009	0	1.486644	0.503197	1.613404	3.603246	1.542357	0.011507	0	1.553864	2.012789	4.609726	8.176379	74770.7	5071.507	0	79842.21	0.030402
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Electricity	51777.23786	5911860	0	5911860	700452.1128	10772570	0	0	0	0	0	0	0	0	0.056533	0.098862	0.155395	0	0	0	0	0.226131	0.282462	0.508594	0	0	0	0	0
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Natural Gas	21501.50733	1324453	1324453	0	157354.1324	0	0.60453	0.193921	0	0.798452	0.002303	0.000579	0	0.002882	0.013139	0.077459	0.09348	0.002505	0.00063	0	0.003135	0.052558	0.22131	0.277003	1681.364	205.4847	0	1886.849	1.391858
Statewide Totals	2036	LDA	Aggregate	Aggregate	Gasoline	12477791.4	4.9E+08	4.9E+08	0	57893988.12	0	12.20687	0	11.40948	23.61635	0.362571	0	0.070465	0.433036	1.080592	1.449768	2.963395	0.394329	0	0.076637	0.470966	4.322367	4.142193	8.935526	128106.5	0	3621.294	131727.8	0.68202
Statewide Totals	2036	LDA	Aggregate	Aggregate	Diesel	13369.13788	405788.3	405788.3	0	57012.06757	0	0.026134	0	0	0.026134	0.001673	0	0	0.001673	0.000895	0.001218	0.003786	0.001749	0	0	0.001749	0.003578	0.003481	0.008808	91.45913	0	0	91.45913	0.000224
Statewide Totals	2036	LDA	Aggregate	Aggregate	Electricity	1499173.498	63728686	0	63728686	7156663.32	24604533	0	0	0	0	0	0	0	0	0.140498	0.107901	0.248398	0	0	0	0	0.561991	0.308288	0.870278	0	0	0	0	0
Statewide Totals	2036	LDA	Aggregate	Aggregate	Plug-in Hybrid	559265.7784	23027314	9703854	13323460	2312563.994	4024082	0.071068	0	0.289356	0.360424	0.007181	0	0.002816	0.009998	0.050767	0.035746	0.09651	0.00781	0	0.003063	0.010873	0.203066	0.102131	0.316071	3072.391	0	146.4279	3218.819	0.010028
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Gasoline	1046982.906	36506486	36506486	0	4621147.973	0	1.79481	0	1.204745	2.999555	0.035641	0	0.00726	0.042901	0.080482	0.132138	0.25552	0.038762	0	0.007896	0.046658	0.321928	0.377536	0.746122	11451.79	0	355.0027	11806.79	0.100597
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Diesel	8.844372894	350.5027	350.5027	0	41.42144744	0	2.61E-05	0	0	2.61E-05	1.9E-06	0	0	1.9E-06	7.73E-07	1.22E-06	3.9E-06	1.99E-06	0	0	1.99E-06	3.09E-06	3.49E-06	8.57E-06	0.136735	0	0	0.136735	2.95E-07
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Electricity	17669.55998	791509.5	0	791509.5	85990.91841	305588	0	0	0	0	0	0	0	0	0.001745	0.001338	0.003083	0	0	0	0	0.00698	0.003823	0.010803	0	0	0	0	0
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Plug-in Hybrid	13686.50545	598802.2	244857.1	353945.1	56593.70003	106902	0.001797	0	0.007072	0.008869	0.000141	0	5.13E-05	0.000192	0.00132	0.000933	0.002445	0.000153	0	5.58E-05	0.000209	0.005281	0.002665	0.008154	77.79439	0	3.985079	81.77947	0.000256
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Gasoline	7275368.667	2.79E+08	2.79E+08	0	33670259.04	0	9.658433	0	8.280835	17.93927	0.216871	0	0.04164	0.258511	0.616116	0.985412	1.860039	0.235867	0	0.045287	0.281154	2.464465	2.815463	5.561083	88577.91	0	2594.57	91172.48	0.529605
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Diesel	27019.5879	1052770	1052770	0	126144.174	0	0.036431	0	0	0.036431	0.004757	0	0	0.004757	0.002321	0.003701	0.010779	0.004973	0	0	0.004973	0.009284	0.010573	0.02483	308.3958	0	0	308.3958	0.00081
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Electricity	211232.887	6483906	0	6483906	1025916.208	2503323	0	0	0	0	0	0	0	0	0.014295	0.010969	0.025264	0	0	0	0	0.057178	0.03134	0.088519	0	0	0	0	0

Statewide Totals	2036	LDT2	Aggregate	Aggregate	Plug-in Hybrid	159720.0365	6623354	2744192	3879162	660442.351	1171623	0.020123	0	0.0826	0.102722	0.001774	0	0.000682	0.002456	0.014602	0.010308	0.027366	0.00193	0	0.000742	0.002672	0.058408	0.029452	0.090531	870.5015	0	49.52101	920.0225	0.002842
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Gasoline	430836.066	15356879	15356879	0	6418815.438	0	0.926848	0.013471	3.314726	4.255045	0.019122	0	0.000973	0.020095	0.033856	0.462136	0.516087	0.020797	0	0.001058	0.021855	0.135424	1.320389	1.477668	11169.56	52.77146	174.2597	11396.59	0.030235
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Diesel	314802.5172	10914417	10914417	0	3959819.644	0	8.128108	0.484254	0	8.612361	0.258256	0.009056	0	0.267312	0.036093	0.328449	0.631854	0.269933	0.009466	0	0.279399	0.144373	0.938425	1.362197	6608.14	42.46353	0	6650.604	0.05353
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Electricity	167703.9619	8867091	0	8867091	2346951.201	5369571	0	0	0	0	0	0	0	0	0.019549	0.133419	0.152968	0	0	0	0	0.078194	0.381198	0.459392	0	0	0	0	0
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Gasoline	57169.78737	1954241	1954241	0	851744.6488	0	0.101316	0.001715	0.437525	0.540556	0.002215	0	0.000102	0.002316	0.004308	0.068611	0.075235	0.002409	0	0.00011	0.002519	0.017233	0.196031	0.215783	1595.115	8.143711	22.50466	1625.763	0.002664
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Diesel	144753.1287	4956169	4956169	0	1820812.26	0	3.652059	0.21951	0	3.871569	0.120842	0.004185	0	0.125027	0.01639	0.174004	0.315421	0.126305	0.004374	0	0.13068	0.065559	0.497155	0.693394	3515.536	31.40032	0	3546.937	0.025216
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Electricity	43003.75759	2181038	0	2181038	569804.4819	1307899	0	0	0	0	0	0	0	0	0.004808	0.038287	0.043095	0	0	0	0	0.019233	0.10939	0.128624	0	0	0	0	0
Statewide Totals	2036	MCY	Aggregate	Aggregate	Gasoline	728529.116	4097331	4097331	0	1457058.232	0	2.253789	0	0.148651	2.40244	0.009411	0	0.005081	0.014492	0.004516	0.018969	0.037978	0.01009	0	0.005438	0.015528	0.018066	0.054198	0.087793	857.6398	0	65.95543	923.5952	0.676515
Statewide Totals	2036	MDV	Aggregate	Aggregate	Gasoline	4351129.108	1.6E+08	1.6E+08	0	19875944.72	0	6.962833	0	5.617689	12.58052	0.128873	0	0.026248	0.155121	0.351859	0.570625	1.077605	0.140161	0	0.028547	0.168709	1.407435	1.630357	3.206501	61772.6	0	1889.317	63661.92	0.353597
Statewide Totals	2036	MDV	Aggregate	Aggregate	Diesel	55369.92991	1934521	1934521	0	249469.4859	0	0.055184	0	0	0.055184	0.004968	0	0	0.004968	0.004265	0.007015	0.016247	0.005192	0	0	0.005192	0.017059	0.020042	0.042294	763.2733	0	0	763.2733	0.000801
Statewide Totals	2036	MDV	Aggregate	Aggregate	Electricity	198326.062	6033737	0	6033737	960462.217	2329520	0	0	0	0	0	0	0	0	0.013302	0.010218	0.02352	0	0	0	0	0.053208	0.029195	0.082404	0	0	0	0	0
Statewide Totals	2036	MDV	Aggregate	Aggregate	Plug-in Hybrid	99380.40601	4026398	1671043	2355356	410937.9789	711387.6	0.012241	0	0.051392	0.063632	0.001123	0	0.000445	0.001568	0.008877	0.006264	0.016709	0.001221	0	0.000484	0.001705	0.035507	0.017899	0.05511	529.5828	0	37.59755	567.1803	0.001722
Statewide Totals	2036	MH	Aggregate	Aggregate	Gasoline	52686.06698	532755.3	532755.3	0	5270.71414	0	0.081485	0	0.00283	0.084315	0.000656	0	1.81E-06	0.000657	0.001762	0.009046	0.011465	0.000713	0	1.97E-06	0.000715	0.007047	0.025844	0.033606	1088.669	0	0.175342	1088.844	0.002525
Statewide Totals	2036	MH	Aggregate	Aggregate	Diesel	33379.64741	302957.9	302957.9	0	3337.964741	0	0.996196	0	0	0.996196	0.020112	0	0	0.020112	0.001336	0.005124	0.026572	0.021022	0	0	0.021022	0.005343	0.014641	0.041006	349.5745	0	0	349.5745	0.001229
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Gasoline	33584.35637	1672352	1672352	0	671955.8023	0	0.21903	0.002597	0.249139	0.470766	0.002098	0	0.000321	0.002419	0.00553	0.028355	0.036304	0.002282	0	0.000349	0.00263	0.022121	0.081015	0.105767	2840.341	18.37524	29.68488	2888.401	0.006973
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Diesel	270503.7857	10855294	10855294	0	3253057.67	0	5.394921	2.448059	4.899852	12.74283	0.053343	0.001215	0	0.054558	0.035897	0.185126	0.275581	0.055755	0.00127	0	0.057025	0.14359	0.528931	0.729546	12392.62	605.5598	0	12998.18	0.004347
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Electricity	99236.76399	5046408	0	5046408	1270277.312	5391293	0	0	0	0	0	0	0	0	0.016688	0.043042	0.05973	0	0	0	0	0.066752	0.122977	0.189729	0	0	0	0	0
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Natural Gas	4189.920732	166838.9	166838.9	0	37428.59121	0	0.013658	0.02988	0	0.043538	0.000226	1E-04	0	0.000326	0.000552	0.002857	0.003734	0.000245	0.000109	0	0.000354	0.002207	0.008163	0.010724	161.4659	25.24796	0	186.7139	0.121743
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Gasoline	8263.548485	281257.2	281257.2	0	165337.0781	0	0.081247	0.000501	0.067341	0.149088	0.000332	0	5.11E-05	0.000383	0.00093	0.004803	0.006116	0.000361	0	5.55E-05	0.000416	0.00372	0.013723	0.01786	487.5951	3.2947	5.449871	496.3397	0.002272
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Diesel	11630.49364	763253.1	763253.1	0	137631.3338	0	0.960244	0.103415	0.185029	1.248688	0.017219	9.98E-05	0	0.017319	0.002524	0.017975	0.037818	0.017998	0.000104	0	0.018102	0.010096	0.051358	0.079556	1046.194	29.91415	0	1076.108	0.001559
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Electricity	1704.166231	127124	0	127124	34096.95794	137525.4	0	0	0	0	0	0	0	0	0.00042	0.001084	0.001505	0	0	0	0	0.001682	0.003098	0.00478	0	0	0	0	0
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Natural Gas	956.2221711	51182.47	51182.47	0	8510.377323	0	0.005449	0.001591	0	0.007039	6.49E-05	4.82E-06	0	6.97E-05	0.000169	0.000879	0.001118	7.06E-05	5.25E-06	0	7.58E-05	0.000677	0.00251	0.003263	47.28279	1.238867	0	48.52166	0.037214
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Gasoline	6224.36215	324171.8	324171.8	0	24897.4486	0	0.061558	0.005628	0.023827	0.091014	0.000337	0	1.51E-05	0.000352	0.000715	0.005725	0.006792	0.000366	0	1.64E-05	0.000383	0.002859	0.016358	0.0196	293.393	17.2756	1.447204	312.1158	0.000862
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Diesel	15008.15196	315656.3	315656.3	0	217318.0403	0	0.535506	0.210787	0.150699	0.896992	0.003429	0.000104	0	0.003532	0.001044	0.005519	0.010095	0.003584	0.000108	0	0.003692	0.004175	0.015767	0.023635	385.3762	34.28878	0	419.665	0.000566
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Electricity	4836.617284	147977.4	0	147977.4	60945.46779	161808.6	0	0	0	0	0	0	0	0	0.000441	0.001304	0.001745	0	0	0	0	0.001765	0.003725	0.005489	0	0	0	0	0
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Natural Gas	5421.980045	115537.7	115537.7	0	78510.27105	0	0.066059	0.030752	0	0.096811	0.000502	8.58E-05	0	0.000588	0.000382	0.002067	0.003037	0.000546	9.33E-05	0	0.000639	0.001528	0.005907	0.008074	189.2863	25.14402	0	214.4303	0.473393
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Gasoline	2166.154011	192909.6	192909.6	0	8664.616045	0	0.02047	0	0.004948	0.025418	0.000261	0	3.39E-06	0.000265	0.000475	0.0071	0.00784	0.000284	0	3.69E-06	0.000288	0.001898	0.020287	0.022473	217.1728	0	0.534612	217.7074	0.000411
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Diesel	1129.847984	114621	114621	0	4519.391937	0	0.042456	0	0	0.042456	0.000806	0	0	0.000806	0.000913	0.004838	0.006556	0.000842	0	0	0.000842	0.00365	0.013822	0.018314	139.7061	0	0	139.7061	0.000374
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Electricity	9008.192001	940271.3	0	940271.3	36032.768	1797987	0	0	0	0	0	0	0	0	0.008111	0.019952	0.028063	0	0	0	0	0.032445	0.057006	0.089451	0	0	0	0	0
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Natural Gas	3661.207883	440714.1	440714.1	0	14644.83153	0	0.051296	0	0	0.051296	0.000369	0	0	0.000369	0.003917	0.018596	0.022882	0.000385	0	0	0.000385	0.015669	0.053132	0.069186	909.6907	0	0	909.6907	2.022877
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Gasoline	44.37925745	5250.056	5250.056	0	887.940183	0	0.014516	0	0	0.014516	6.58E-06	0	4.3E-07	7.01E-06	2.89E-05	0.000181	0.000217	7.16E-06	0	4.68E-07	7.63E-06	0.000116	0.000517	0.00064	10.34177	0	0.044472	10.38624	0.000487
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Diesel	366472.9894	52202885	52202885	0	6148265.717	0	76.04891	27.05869	17.81513	120.9227	1.499692	0.01113	0	1.510822	0.512759	1.648315	3.671897	1.567502	0.011633	0	1.579135	2.051035	4.709473	8.339643	75541.24	5127.808	0	80669.05	0.030674
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Electricity	57816.95162	6501114	0	6501114	775541.9373	11847345	0	0	0	0	0	0	0	0	0.062106	0.108868	0.170974	0	0	0	0	0.248424	0.31105	0.559474	0	0	0	0	0
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Natural Gas	21321.63303	1314341	1314341	0	156766.8075	0	0.570024	0.191709	0	0.761732	0.002289	0.000588	0	0.002876	0.013039	0.076597	0.092512	0.002489	0.000639	0	0.003128	0.052157	0.218849	0.274134	1659.905	204.1459	0	1864.051	1.33193
Statewide Totals	2037	LDA	Aggregate	Aggregate	Gasoline	12490535.94	4.91E+08	4.91E+08	0	57976254.27	0	11.9267	0	11.24057	23.16727	0.343994	0	0.066855	0.410849	1.08167	1.450599	2.943118	0.374124	0	0.072711	0.446836	4.326682	4.144568	8.918086	127300	0	3589.541	130889.5	0.660972
Statewide Totals	2037	LDA	Aggregate	Aggregate	Diesel	12336.17567	378856.5	378856.5	0	52730.14046	0	0.022451	0	0	0.022451	0.00138	0	0	0.00138	0.000835	0.001135	0.00335	0.001442	0	0	0.001442	0.003341	0.003242	0.008025	84.01289	0	0	84.01289	0.000191
Statewide Totals	2037	LDA	Aggregate	Aggregate	Electricity	1539041.74	64899847	0	64899847	7329822.713	25056697	0	0	0	0	0	0	0	0	0.14308	0.109901	0.252981	0	0	0	0	0.572319	0.314004	0.886322	0	0	0	0	0
Statewide Totals	2037	LDA	Aggregate	Aggregate	Plug-in Hybrid	566049.0706	23161966	9699997	13461969	2340612.907	4065916	0.071032	0	0.292879	0.363911	0.006819	0	0.002718	0.009537	0.051063	0.035978	0.096578	0.007416	0	0.002956	0.010372	0.204254	0.102795	0.317421	3070.822	0	147.3376	3218.159	0.010008
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Gasoline	1035140.044	36202323	36202323	0	4577742.491	0	1.620294	0	1.150293	2.770588	0.033083	0	0.006761	0.039844	0.079811	0.13086	0.250516	0.035981	0	0.007354	0.043334	0.319246	0.373886	0.736466	11239.1	0	346.2724	11585.37	0.090064
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Diesel	9.138516153	359.5216	359.5216	0	42.71889227	0	2.45E-05	0	0	2.45E-05	1.91E-06	0	0	1.91E-06	7.93E-07	1.26E-06	3.96E-06	1.99E-06	0	0	1.99E-06	3.17E-06	3.59E-06	8.75E-06	0.139696	0	0	0.139696	2.99E-07
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Electricity	18957.76247	838409.3	0	838409.3	91932.17036	323695.2	0	0	0	0	0	0	0	0	0.001848	0.001418	0.003266	0	0	0	0	0.007394	0.004052	0.011445	0	0	0	0	0
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Plug-in Hybrid	14666.61348	632708.3	258513.5	374194.8	60646.44672	113018	0.001897	0	0.007578	0.009475	0.000147	0	5.41E-05	0.000201	0.001395	0.000986	0.002582	0.00016	0	5.89E-05	0.000218	0.00558	0.002817	0.008615	82.1176	0	4.266553	86.38416	0.000269
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Gasoline	7328229.484	2.81E+08	2.81E+08	0	33892450.86	0	9.307756	0	8.227448	17.5352	0.206785	0	0.039791	0.246575	0.618745	0.989701	1.855021	0.224897	0	0.043276	0.268173	2.474979	2.827716	5.570868	88233.13	0	2585.141	90818.27	0.517035
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Diesel	27287.28176	1059324	1059324	0	127259.4041	0	0.036305	0	0	0.036305	0.004781	0	0	0.004781	0.002335	0.003725	0.010841	0.004997	0	0	0.004997	0.009342	0.010642	0.024981	307.9813	0	0	307.9813	0.000814
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Electricity	224043.1095	6784071	0	6784071	1083799.938	2619211	0	0	0	0	0	0	0	0	0.014956	0.011481	0.026437	0	0	0	0	0.059825	0.032803	0.092628	0	0	0	0	0
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Plug-in Hybrid	166675.8296	6836973	2824169	4012804	689204.5553	1211986	0.020707	0	0.086201	0.106908	0.00177	0	0.00069	0.00246	0.015073	0.010646	0.028179	0.001925	0	0.000751	0.002675	0.060292	0.030417	0.093384	895.7317	0	51.51593	947.2476	0.002919
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Gasoline	419861.0694	14830780	14830780	0	6255304.341	0	0.798166	0.012929	3.175537	3.986632	0.018364	0	0.000924	0.019288	0.032696	0.446304	0.498288	0.019972	0	0.001005	0.020978	0.130785	1.275155	1.426917	10725.97	51.22996	168.8868	10946.08	0.026288
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Diesel	305531.4968	10510526	10510526	0	3843201.872	0	7.113993	0.454162	0	7.568155	0.239526	0.008797	0	0.248323	0.034758	0.316294	0.599375	0.250356	0.009195	0	0.259551	0.139031	0.903698	1.30228	6341.83	40.96048	0	6382.79	0.049423
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Electricity	191149.9155	9875218	0	9875218	2674974.613	5981569	0	0	0	0	0	0	0	0	0.021771	0.148588	0.170359	0	0	0	0	0.087084	0.424537	0.511621	0	0	0	0	0
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Gasoline	55265.51259	1876770	1876770	0	823373.792	0	0.088899	0.001618	0.410588	0.501105	0.002133	0	9.51E-05	0.002228	0.004138	0.065891	0.072256	0.002319	0	0.000103	0.002423	0.01655	0.188259	0.207232	1520.202	7.834689	21.66791	1549.705	0.002381
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Diesel	141759.096	4799044	4799044	0	1783151.095	0	3.381091	0.20935	0	3.590441	0.115314	0.004094	0	0.119407	0.01587	0.168488	0.303765	0.120528	0.004279	0	0.124806	0.063481	0.481394	0.669681	3390.162	30.62194	0	3420.784	0.023968
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Electricity	49020.33755	2431335	0	2431335	649426.668	1458128	0	0	0	0	0	0	0	0	0.00536	0.04268	0.048041	0	0	0	0	0.021441	0.121944	0.143385	0	0	0	0	0
Statewide Totals	2037	MCY	Aggregate	Aggregate	Gasoline	732696.8688	4100738	4100738	0	1465393.738	0	2.237769	0	0.145372	2.383141	0.009472	0	0.005152	0.014624	0.00452	0.018985	0.038129	0.010156	0	0.005515	0.015671	0.018081	0.054243	0.087995	857.6629	0	65.62574	923.2887	0.671113
Statewide Totals	2037	MDV	Aggregate	Aggregate	Gasoline	4369780.473	1.6E+08	1.6E+08	0	19953753.48	0	6.6405	0	5.546322	12.18682	0.123089	0	0.025107	0.148197	0.35263	0.571977	1.072803	0.133871	0	0.027306	0.161177	1.410519	1.63422	3.205916	61365.55	0	1875.747	63241.3	0.340914
Statewide Totals	2037	MDV	Aggregate	Aggregate	Diesel	54452.69414	1903293	1903293	0	245339.3383	0	0.049367	0	0	0.049367	0.004373	0	0	0.004373	0.004196	0.006891	0.01546	0.00457	0	0	0.00457	0.016784	0.019689	0.041043	742.5803	0	0	742.5803	0.000741
Statewide Totals	2037	MDV	Aggregate	Aggregate	Electricity	209210.1139	6277499	0	6277499	1009042.881	2423633	0	0	0	0	0	0	0	0	0.01384	0.010635	0.024475	0	0	0	0	0.055358	0.030387	0.085745	0	0	0	0	0
Statewide Totals	2037	MDV	Aggregate	Aggregate	Plug-in Hybrid	103825.9022	4160100	1721221	2438880	429320.1055	736614.3	0.012607	0	0.053693	0.0663	0.001117	0	0.000449	0.001566	0.009171	0.006476	0.017214	0.001215	0	0.000489	0.001704	0.036686	0.018504	0.056893	545.4287	0	39.14882	584.5775	0.001771
Statewide Totals	2037	MH	Aggregate	Aggregate	Gasoline	51513.31336	525143.2	525143.2	0	5153.391869	0	0.075633	0	0.002742	0.078375	0.000647	0	1.78E-06	0.000649	0.001737	0.008916	0.011301	0.000704	0	1.94E-06	0.000706	0.006946	0.025474	0.033126	1072.948	0	0.171157	1073.119	0.002381
Statewide Totals	2037	MH	Aggregate	Aggregate	Diesel	33042.0743	300325.4	300325.4	0	3304.20743	0	0.95532	0	0	0.95532	0.018598	0	0	0.018598	0.001324	0.005079	0.025002	0.019439	0	0	0.019439	0.005297	0.014512	0.039248	346.608	0	0	346.608	0.001184
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Gasoline	32222.7786	1589405	1589405	0	644713.3541	0	0.195499	0.002444	0.237798	0.435742	0.002004	0	0.000309	0.002314	0.005256	0.026951	0.03452	0.00218	0	0.000336	0.002516	0.021024	0.077002	0.100542	2682.152	17.51163	28.2213	2727.885	0.006296
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Diesel	264677.2332	10659167	10659167	0	3184474.172	0	5.013166	2.333598	4.713142	12.05991	0.05053	0.001096	0	0.051626	0.035249	0.181753	0.268627	0.052814	0.001146	0	0.05396	0.140995	0.519293	0.714249	12097.04	587.8107	0	12684.85	0.004083
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Electricity	112555.825	5663019	0	5663019	1441129.239	6048998	0	0	0	0	0	0	0	0	0.018727	0.048304	0.067031	0	0	0	0	0.074908	0.138011	0.212919	0	0	0	0	0
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Natural Gas	4156.72031	164819	164819	0	37196.27801	0	0.013179	0.029583	0	0.042762	0.000224	1E-04	0	0.000324	0.000545	0.002822	0.003692	0.000244	0.000109	0	0.000353	0.00218	0.008064	0.010597	159.2252	25.04307	0	184.2683	0.120504
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Gasoline	7974.225376	264709.8	264709.8	0	159548.3013	0	0.075772	0.000479	0.066049	0.1423	0.000315	0	4.93E-05	0.000364	0.000875	0.00452	0.00576	0.000342	0	5.37E-05	0.000396	0.003502	0.012915	0.016812	456.2796	3.170353	5.244377	464.6943	0.002131
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Diesel	11652.58962	766321.5	766321.5	0	137755.2087	0	0.921953	0.098716	0.179592	1.200261	0.016383	9.44E-05	0	0.016478	0.002534	0.018095	0.037107	0.017124	9.87E-05	0	0.017223	0.010137	0.051701	0.079061	1045.331	29.54054	0	1074.872	0.001476
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Electricity	1901.816508	139626.8	0	139626.8	38051.5447	151057.3	0	0	0	0	0	0	0	0	0.000462	0.001191	0.001653	0	0	0	0	0.001847	0.003403	0.00525	0	0	0	0	0
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Natural Gas	965.5889551	51637.25	51637.25	0	8593.7417	0	0.005338	0.001603	0	0.006942	6.63E-05	4.94E-06	0	7.13E-05	0.000171	0.000886	0.001128	7.21E-05	5.37E-06	0	7.75E-05	0.000683	0.002533	0.003293	47.50269	1.248861	0	48.75155	0.037669
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Gasoline	6044.131812	314285.4	314285.4	0	24176.52725	0	0.059773	0.005411	0.023641	0.088826	0.000337	0	1.52E-05	0.000353	0.000693	0.00555	0.006596	0.000367	0	1.65E-05	0.000383	0.002771	0.015858	0.019013	283.1124	16.70384	1.401746	301.2179	0.000828
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Diesel	14546.22957	304322.1	304322.1	0	210629.4042	0	0.446853	0.186599	0.150121	0.783572	0.002879	8.32E-05	0	0.002962	0.001006	0.00532	0.009288	0.003009	8.7E-05	0	0.003096	0.004025	0.015199	0.022321	369.7069	32.87468	0	402.5816	0.000487
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Electricity	5472.32677	166962.5	0	166962.5	68964.21098	182570	0	0	0	0	0	0	0	0	0.000498	0.001471	0.001969	0	0	0	0	0.001991	0.004202	0.006193	0	0	0	0	0
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Natural Gas	5404.502314	113518	113518	0	78257.19351	0	0.062917	0.030618	0	0.093535	0.000493	8.63E-05	0	0.00058	0.000375	0.002031	0.002986	0.000536	9.39E-05	0	0.00063	0.001502	0.005803	0.007935	185.0709	25.08467	0	210.1555	0.460303
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Gasoline	2048.628326	182228.9	182228.9	0	8194.513303	0	0.015615	0	0.004246	0.01986	0.000242	0	2.72E-06	0.000244	0.000435	0.006622	0.007302	0.000263	0	2.96E-06	0.000266	0.001742	0.01892	0.020927	188.7087	0	0.458851	189.1676	0.00034
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Diesel	1001.054071	103796	103796	0	4004.216285	0	0.039482	0	0	0.039482	0.000757	0	0	0.000757	0.000844	0.004378	0.005979	0.000791	0	0	0.000791	0.003377	0.012509	0.016677	128.0098	0	0	128.0098	0.000346
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Electricity	10162.15315	1082415	0	1082415	40648.61261	2081175	0	0	0	0	0	0	0	0	0.0093	0.022968	0.032268	0	0	0	0	0.0372	0.065624	0.102824	0	0	0	0	0
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Natural Gas	3104.901897	360923.3	360923.3	0	12419.60759	0	0.040479	0	0	0.040479	0.000334	0	0	0.000334	0.003186	0.015207	0.018727	0.000349	0	0	0.000349	0.012744	0.043448	0.056541	720.5954	0	0	720.5954	1.643629
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Gasoline	42.82729763	5044.124	5044.124	0	856.888571	0	0.013574	0	6.34E-06	0.01358	6.34E-06	0	4.19E-07	6.76E-06	2.78E-05	0.000174	0.000209	6.9E-06	0	4.55E-07	7.36E-06	0.000111	0.000498	0.000616	9.858255	0	0.042481	9.900736	0.000467
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Diesel	370536.1365	53224068	53224068	0	6245673.172	0	76.72128	27.46442	17.96509	122.1508	1.519935	0.011282	0	1.531217	0.523001	1.68607	3.740288	1.588659	0.011792	0	1.600452	2.092005	4.817343	8.5098	76464.91	5197.573	0	81662.49	0.030968
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Electricity	63837.64773	7068837	0	7068837	849895.6913	12887542	0	0	0	0	0	0	0	0	0.06747	0.118514	0.185984	0	0	0	0	0.269882	0.338611	0.608493	0	0	0	0	0
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Natural Gas	21115.93361	1303071	1303071	0	155958.9847	0	0.535662	0.189461	0	0.725123	0.002268	0.000595	0	0.002863	0.012928	0.075624	0.091414	0.002466	0.000647	0	0.003113	0.05171	0.216067	0.270891	1634.194	202.5888	0	1836.783	1.272456
Statewide Totals	2038	LDA	Aggregate	Aggregate	Gasoline	12511402.78	4.91E+08	4.91E+08	0	58093669.96	0	11.68665	0	11.09748	22.78414	0.327891	0	0.063597	0.391488	1.083074	1.456201	2.930763	0.356612	0	0.069167	0.425779	4.332295	4.160575	8.918648	126659.1	0	3564.485	130223.6	0.643018
Statewide Totals	2038	LDA	Aggregate	Aggregate	Diesel	11502.07781	357856.7	357856.7	0	49302.55309	0	0.019541	0	0	0.019541	0.00117	0	0	0.00117	0.000789	0.001072	0.003032	0.001223	0	0	0.001223	0.003156	0.003064	0.007443	78.15425	0	0	78.15425	0.000167
Statewide Totals	2038	LDA	Aggregate	Aggregate	Electricity	1574858.298	65908566	0	65908566	7484427.544	25446146	0	0	0	0	0	0	0	0	0.145304	0.111625	0.256929	0	0	0	0	0.581214	0.318929	0.900143	0	0	0	0	0
Statewide Totals	2038	LDA	Aggregate	Aggregate	Plug-in Hybrid	571920.87	23269548	9692437	13577111	2364892.798	4100692	0.071045	0	0.295929	0.366973	0.006498	0	0.002623	0.009121	0.051301	0.0362	0.096621	0.007067	0	0.002853	0.00992	0.205202	0.103428	0.31855	3071.094	0	148.0781	3219.172	0.010002
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Gasoline	1023974.328	35927224	35927224	0	4538422.783	0	1.458132	0	1.099733	2.557865	0.030716	0	0.006288	0.037004	0.079206	0.130059	0.246269	0.033407	0	0.006838	0.040245	0.316824	0.371598	0.728668	11048.66	0	338.4246	11387.09	0.080496
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Diesel	9.410006999	367.5614	367.5614	0	43.90835166	0	2.3E-05	0	0	2.3E-05	1.91E-06	0	0	1.91E-06	8.1E-07	1.29E-06	4.01E-06	1.99E-06	0	0	1.99E-06	3.24E-06	3.69E-06	8.93E-06	0.142267	0	0	0.142267	3.03E-07
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Electricity	20195.3035	881517.7	0	881517.7	97577.43449	340338.6	0	0	0	0	0	0	0	0	0.001943	0.001492	0.003435	0	0	0	0	0.007774	0.004262	0.012035	0	0	0	0	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Plug-in Hybrid	15603.88381	663870.5	271058.9	392811.6	64522.05957	118640.8	0.001991	0	0.008063	0.010054	0.000152	0	5.68E-05	0.000209	0.001464	0.001036	0.002708	0.000165	0	6.18E-05	0.000227	0.005854	0.002959	0.009041	86.17794	0	4.535618	90.71355	0.000283
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Gasoline	7377591.964	2.82E+08	2.82E+08	0	34100549.63	0	8.974389	0	8.18065	17.15504	0.197786	0	0.038084	0.23587	0.621076	0.996355	1.853301	0.21511	0	0.04142	0.25653	2.484304	2.846729	5.587563	87934.67	0	2577.398	90512.06	0.505333
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Diesel	27560.18272	1065749	1065749	0	128391.5607	0	0.036296	0	0	0.036296	0.004813	0	0	0.004813	0.00235	0.003759	0.010922	0.00503	0	0	0.00503	0.009398	0.010741	0.02517	307.7689	0	0	307.7689	0.00082
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Electricity	236008.9289	7052773	0	7052773	1137331.187	2722953	0	0	0	0	0	0	0	0	0.015549	0.01194	0.027488	0	0	0	0	0.062195	0.034114	0.096308	0	0	0	0	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Plug-in Hybrid	173040.526	7025401	2894339	4131062	715522.5751	1247704	0.021243	0	0.089497	0.110741	0.001763	0	0.000696	0.002459	0.015488	0.010954	0.028902	0.001917	0	0.000757	0.002675	0.061953	0.031297	0.095925	918.8264	0	53.33165	972.158	0.002992
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Gasoline	408882.8113	14340024	14340024	0	6091744.653	0	0.661529	0.012406	3.044882	3.718818	0.017589	0	0.000874	0.018463	0.031614	0.431536	0.481613	0.01913	0	0.00095	0.02008	0.126457	1.232959	1.379497	10292.66	49.70459	163.4858	10505.85	0.021909
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Diesel	296595.5032	10137260	10137260	0	3730798.313	0	6.252343	0.425912	0	6.678256	0.221842	0.008545	0	0.230386	0.033523	0.305062	0.568971	0.231873	0.008931	0	0.240804	0.134093	0.871604	1.246501	6088.237	39.52468	0	6127.762	0.045597

Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Electricity	214073.8382	10806846	0	10806846	2995609.721	6551505	0	0	0	0	0	0	0	0	0.023825	0.162606	0.186431	0	0	0	0	0.0953	0.464588	0.559888	0	0	0	0	0
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Gasoline	53439.57301	1805837	1805837	0	796170.0129	0	0.077955	0.001526	0.384607	0.464088	0.002058	0	8.97E-05	0.002147	0.003981	0.0634	0.069529	0.002238	0	9.75E-05	0.002335	0.015925	0.181144	0.199404	1448.57	7.539577	20.86943	1476.98	0.002128
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Diesel	138648.0037	4649116	4649116	0	1744017.467	0	3.125577	0.199285	0	3.324862	0.109584	0.003998	0	0.113581	0.015374	0.163224	0.29218	0.114539	0.004178	0	0.118717	0.061497	0.466354	0.646569	3266.858	29.82693	0	3296.685	0.022687
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Electricity	54913.62713	2663700	0	2663700	727380.3744	1598646	0	0	0	0	0	0	0	0	0.005872	0.046759	0.052632	0	0	0	0	0.02349	0.133598	0.157088	0	0	0	0	0
Statewide Totals	2038	MCY	Aggregate	Aggregate	Gasoline	736724.5726	4103674	4103674	0	1473449.145	0	2.223343	0	0.142225	2.365569	0.009529	0	0.005217	0.014747	0.004524	0.018999	0.038269	0.010218	0	0.005586	0.015804	0.018094	0.054282	0.08818	857.7046	0	65.31398	923.0186	0.666438
Statewide Totals	2038	MDV	Aggregate	Aggregate	Gasoline	4389046.349	1.6E+08	1.6E+08	0	20033319.55	0	6.36401	0	5.491924	11.85593	0.117911	0	0.024053	0.141964	0.353379	0.575022	1.070364	0.128239	0	0.026159	0.154398	1.413515	1.64292	3.210834	61021.34	0	1864.768	62886.11	0.329849
Statewide Totals	2038	MDV	Aggregate	Aggregate	Diesel	53624.21869	1875922	1875922	0	241647.6877	0	0.044747	0	0	0.044747	0.003938	0	0	0.003938	0.004136	0.006802	0.014875	0.004116	0	0	0.004116	0.016543	0.019433	0.040092	724.1288	0	0	724.1288	0.000697
Statewide Totals	2038	MDV	Aggregate	Aggregate	Electricity	219403.8372	6495657	0	6495657	1054061.876	2507860	0	0	0	0	0	0	0	0	0.01432	0.011009	0.025329	0	0	0	0	0.057282	0.031454	0.088736	0	0	0	0	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Plug-in Hybrid	107965.0388	4279860	1766021	2513839	446435.4354	759254.2	0.01295	0	0.055836	0.068786	0.001111	0	0.000453	0.001564	0.009435	0.006673	0.017672	0.001209	0	0.000493	0.001701	0.037742	0.019065	0.058508	560.1757	0	40.58815	600.7639	0.001817
Statewide Totals	2038	MH	Aggregate	Aggregate	Gasoline	50488.48562	518456.5	518456.5	0	5050.868101	0	0.07084	0	0.002655	0.073495	0.000639	0	1.76E-06	0.000641	0.001715	0.008798	0.011154	0.000695	0	1.92E-06	0.000697	0.006858	0.025138	0.032693	1058.826	0	0.167522	1058.994	0.002263
Statewide Totals	2038	MH	Aggregate	Aggregate	Diesel	32693.16418	297675	297675	0	3269.316418	0	0.914552	0	0	0.914552	0.017119	0	0	0.017119	0.001313	0.005033	0.023464	0.017893	0	0	0.017893	0.00525	0.014379	0.037522	343.3605	0	0	343.3605	0.001138
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Gasoline	30950.66918	1513915	1513915	0	619260.9889	0	0.175242	0.002302	0.228545	0.406089	0.001914	0	0.000299	0.002213	0.005006	0.025663	0.032882	0.002082	0	0.000325	0.002406	0.020026	0.073323	0.095755	2538.269	16.70898	26.8764	2581.854	0.005741
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Diesel	259226.298	10486246	10486246	0	3120598.907	0	4.672307	2.227788	4.536003	11.4361	0.048363	0.000998	0	0.04936	0.034677	0.178692	0.262729	0.050549	0.001043	0	0.051592	0.138709	0.510548	0.700849	11828.25	571.1845	0	12399.43	0.003859
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Electricity	125805.9478	6258988	0	6258988	1610914.384	6687885	0	0	0	0	0	0	0	0	0.020698	0.053365	0.074063	0	0	0	0	0.082792	0.15247	0.235262	0	0	0	0	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Natural Gas	4110.023295	162627.3	162627.3	0	36828.567	0	0.012661	0.029199	0	0.04186	0.000222	9.96E-05	0	0.000322	0.000538	0.002784	0.003643	0.000242	0.000108	0	0.00035	0.002151	0.007953	0.010454	156.5522	24.7572	0	181.3094	0.118805
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Gasoline	7692.919125	250073.5	250073.5	0	153919.9258	0	0.07061	0.000459	0.062186	0.133254	0.000299	0	4.74E-05	0.000346	0.000827	0.004271	0.005443	0.000325	0	5.15E-05	0.000376	0.003308	0.012201	0.015886	428.6509	3.049475	5.03791	436.7383	0.002002
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Diesel	11685.02806	769361.7	769361.7	0	137958.3366	0	0.886286	0.094045	0.174509	1.15484	0.01546	8.89E-05	0	0.015549	0.002544	0.018216	0.03631	0.016159	9.29E-05	0	0.016252	0.010177	0.052047	0.078476	1044.52	29.17592	0	1073.696	0.001384
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Electricity	2089.977785	150941.1	0	150941.1	41816.27552	163285.2	0	0	0	0	0	0	0	0	0.000499	0.001288	0.001787	0	0	0	0	0.001997	0.003679	0.005676	0	0	0	0	0
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Natural Gas	975.8619433	52032.42	52032.42	0	8685.171295	0	0.005252	0.001618	0	0.00687	6.75E-05	5.05E-06	0	7.26E-05	0.000172	0.000893	0.001138	7.34E-05	5.49E-06	0	7.89E-05	0.000688	0.002552	0.003319	47.70076	1.259914	0	48.96068	0.03807
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Gasoline	5835.367994	302846.9	302846.9	0	23341.47198	0	0.056925	0.005163	0.022852	0.08494	0.000337	0	1.53E-05	0.000353	0.000668	0.005348	0.006368	0.000367	0	1.66E-05	0.000383	0.002671	0.015279	0.018334	271.3531	16.04796	1.348619	288.7496	0.000793
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Diesel	14095.47969	293322.3	293322.3	0	204102.5459	0	0.371278	0.164839	0.148943	0.68506	0.002401	6.66E-05	0	0.002468	0.00097	0.005127	0.008565	0.00251	6.96E-05	0	0.00258	0.00388	0.014649	0.021108	354.5329	31.49627	0	386.0291	0.000413
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Electricity	6110.541584	185798.8	0	185798.8	77015.75591	203159.2	0	0	0	0	0	0	0	0	0.000554	0.001637	0.002191	0	0	0	0	0.002215	0.004676	0.006892	0	0	0	0	0
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Natural Gas	5362.054526	111296.3	111296.3	0	77642.54954	0	0.059712	0.030338	0	0.090049	0.000484	8.66E-05	0	0.00057	0.000368	0.001991	0.00293	0.000526	9.42E-05	0	0.00062	0.001472	0.00569	0.007782	180.5573	24.91217	0	205.4695	0.446529
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Gasoline	1993.388646	178062.1	178062.1	0	7973.554585	0	0.013146	0	0.003852	0.016998	0.000232	0	2.34E-06	0.000234	0.000418	0.00642	0.007071	0.000252	0	2.54E-06	0.000254	0.001671	0.018342	0.020268	173.402	0	0.416886	173.8189	0.000299
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Diesel	913.2036573	95389.72	95389.72	0	3652.814629	0	0.03667	0	0	0.03667	0.000708	0	0	0.000708	0.000782	0.004021	0.005511	0.00074	0	0	0.00074	0.003127	0.01149	0.015356	118.1374	0	0	118.1374	0.000322
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Electricity	11180.03969	1202038	0	1202038	44720.15877	2313018	0	0	0	0	0	0	0	0	0.010335	0.025507	0.035842	0	0	0	0	0.041341	0.072876	0.114217	0	0	0	0	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Natural Gas	2581.234716	294702.9	294702.9	0	10324.93886	0	0.033727	0	0	0.033727	0.000313	0	0	0.000313	0.002577	0.012393	0.015283	0.000327	0	0	0.000327	0.010309	0.03541	0.046045	592.7922	0	0	592.7922	1.331452
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Gasoline	41.38491073	4847.82	4847.82	0	828.0292939	0	0.012702	0	2.56E-05	0.012728	6.13E-06	0	4.09E-07	6.54E-06	2.67E-05	0.000168	0.000201	6.67E-06	0	4.44E-07	7.11E-06	0.000107	0.00048	0.000594	9.407744	0	0.040676	9.44842	0.000447
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Diesel	375037.0582	54310649	54310649	0	6352021.641	0	77.59848	27.92784	18.13988	123.6662	1.547925	0.011462	0	1.559387	0.533884	1.723853	3.817124	1.617916	0.01198	0	1.629896	2.135535	4.925295	8.690725	77565.99	5279.553	0	82845.55	0.03137
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Electricity	69871.49155	7619938	0	7619938	923922.8418	13893109	0	0	0	0	0	0	0	0	0.072673	0.127874	0.200547	0	0	0	0	0.290692	0.365354	0.656047	0	0	0	0	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Natural Gas	20911.50742	1291711	1291711	0	155210.1132	0	0.502802	0.187532	0	0.690334	0.002246	0.000602	0	0.002848	0.012815	0.074692	0.090355	0.002443	0.000654	0	0.003097	0.051259	0.213407	0.267763	1612.796	201.1319	0	1813.928	1.221628
Statewide Totals	2039	LDA	Aggregate	Aggregate	Gasoline	12539052.93	4.92E+08	4.92E+08	0	58240175.37	0	11.47902	0	10.97556	22.45458	0.31393	0	0.060711	0.374641	1.08473	1.45796	2.917331	0.341428	0	0.066028	0.407456	4.338919	4.165601	8.911976	126188.4	0	3545.232	129733.6	0.627246
Statewide Totals	2039	LDA	Aggregate	Aggregate	Diesel	10841.69067	341745.5	341745.5	0	46609.59132	0	0.017228	0	0	0.017228	0.001004	0	0	0.001004	0.000753	0.001022	0.002779	0.001049	0	0	0.001049	0.003014	0.00292	0.006983	73.6477	0	0	73.6477	0.000148
Statewide Totals	2039	LDA	Aggregate	Aggregate	Electricity	1606903.78	66772762	0	66772762	7621967.331	25779797	0	0	0	0	0	0	0	0	0.147209	0.113102	0.260311	0	0	0	0	0.588835	0.32315	0.911984	0	0	0	0	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Plug-in Hybrid	577006.6348	23355296	9683302	13671995	2385922.435	4129350	0.07097	0	0.29857	0.369541	0.006215	0	0.002535	0.008749	0.05149	0.03635	0.096588	0.006759	0	0.002757	0.009516	0.205958	0.103856	0.31933	3067.903	0	148.6892	3216.592	0.009981
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Gasoline	1013974.692	35688994	35688994	0	4504498.009	0	1.322011	0	1.055913	2.377924	0.028542	0	0.005852	0.034395	0.078681	0.129035	0.242111	0.031043	0	0.006365	0.037408	0.314723	0.368671	0.720802	10881.4	0	331.4761	11212.88	0.071867
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Diesel	9.662423124	374.7765	374.7765	0	45.00377669	0	2.17E-05	0	0	2.17E-05	1.91E-06	0	0	1.91E-06	8.26E-07	1.32E-06	4.06E-06	2E-06	0	0	2E-06	3.3E-06	3.77E-06	9.07E-06	0.144606	0	0	0.144606	3.06E-07
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Electricity	21381.56973	920961.1	0	920961.1	102925.1605	355567	0	0	0	0	0	0	0	0	0.00203	0.001559	0.003589	0	0	0	0	0.008121	0.004454	0.012575	0	0	0	0	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Plug-in Hybrid	16495.71957	692379.6	282534.7	409844.9	68209.8004	123785.4	0.002075	0	0.008524	0.010599	0.000156	0	5.93E-05	0.000216	0.001526	0.001081	0.002823	0.00017	0	6.45E-05	0.000235	0.006106	0.003087	0.009428	89.81217	0	4.791534	94.6037	0.000294
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Gasoline	7426167.784	2.83E+08	2.83E+08	0	34304574.05	0	8.67601	0	8.145345	16.82136	0.189879	0	0.03658	0.226459	0.623267	0.999912	1.849639	0.20651	0	0.039784	0.246295	2.493069	2.856893	5.596256	87708.35	0	2572.251	90280.61	0.494715
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Diesel	27830.23062	1071854	1071854	0	129505.4779	0	0.036273	0	0	0.036273	0.004839	0	0	0.004839	0.002363	0.003782	0.010985	0.005058	0	0	0.005058	0.009452	0.010806	0.025317	307.8522	0	0	307.8522	0.000824
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Electricity	247086.0304	7290955	0	7290955	1186399.461	2814910	0	0	0	0	0	0	0	0	0.016074	0.012347	0.02842	0	0	0	0	0.064295	0.035276	0.099571	0	0	0	0	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Plug-in Hybrid	178818.3222	7190258	2955501	4234758	739413.7622	1279023	0.02169	0	0.09249	0.11418	0.001754	0	0.000701	0.002454	0.015852	0.011215	0.029521	0.001907	0	0.000762	0.002669	0.063407	0.032044	0.09812	938.1127	0	54.9727	993.0854	0.00305
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Gasoline	398654.189	13892108	13892108	0	5939353.421	0	0.54665	0.011933	2.92906	3.487644	0.016911	0	0.000831	0.017742	0.030627	0.418057	0.466426	0.018392	0	0.000904	0.019296	0.122507	1.194447	1.336251	9922.744	48.29845	158.4385	10129.48	0.018272
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Diesel	288004.5667	9792440	9792440	0	3622735.139	0	5.477836	0.399507	0	5.877342	0.206512	0.008308	0	0.21482	0.032383	0.294685	0.541888	0.21585	0.008684	0	0.224533	0.129532	0.841957	1.196022	5861.049	38.15697	0	5899.206	0.042345
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Electricity	236417.3424	11669380	0	11669380	3308039.561	7076024	0	0	0	0	0	0	0	0	0.025727	0.175584	0.20131	0	0	0	0	0.102906	0.501668	0.604575	0	0	0	0	0
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Gasoline	51713.79841	1741172	1741172	0	770458.5427	0	0.067048	0.001441	0.360674	0.429162	0.001989	0	8.46E-05	0.002073	0.003839	0.06113	0.067042	0.002163	0	9.2E-05	0.002255	0.015355	0.174657	0.192267	1386.808	7.261877	20.11324	1414.183	0.001867
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Diesel	135567.8455	4508630	4508630	0	1705272.952	0	2.885701	0.18972	0	3.075421	0.104352	0.003911	0	0.108264	0.01491	0.158292	0.281465	0.109071	0.004088	0	0.113159	0.059639	0.452262	0.62506	3155.835	29.04038	0	3184.875	0.021566
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Electricity	60668.11548	2879739	0	2879739	803471.1006	1728449	0	0	0	0	0	0	0	0	0.006349	0.050552	0.056901	0	0	0	0	0.025395	0.144434	0.169829	0	0	0	0	0
Statewide Totals	2039	MCY	Aggregate	Aggregate	Gasoline	740735.1713	4106448	4106448	0	1481470.343	0	2.210359	0	0.13926	2.349619	0.009575	0	0.005276	0.014851	0.004527	0.019012	0.038389	0.010267	0	0.00565	0.015918	0.018106	0.054319	0.088343	857.722	0	65.0367	922.7587	0.662015
Statewide Totals	2039	MDV	Aggregate	Aggregate	Gasoline	4405016.633	1.61E+08	1.61E+08	0	20103409.19	0	6.045764	0	5.433319	11.47908	0.112759	0	0.022951	0.135709	0.353998	0.576059	1.065767	0.122635	0	0.024961	0.147596	1.415993	1.645884	3.209473	60713.11	0	1854.073	62567.18	0.315889
Statewide Totals	2039	MDV	Aggregate	Aggregate	Diesel	52832.68104	1852100	1852100	0	238293.8858	0	0.039755	0	0	0.039755	0.003526	0	0	0.003526	0.004083	0.006705	0.014314	0.003686	0	0	0.003686	0.016333	0.019156	0.039175	708.2777	0	0	708.2777	0.000655
Statewide Totals	2039	MDV	Aggregate	Aggregate	Electricity	228880.2509	6689327	0	6689327	1095476.934	2582632	0	0	0	0	0	0	0	0	0.014747	0.011341	0.026088	0	0	0	0	0.05899	0.032402	0.091392	0	0	0	0	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Plug-in Hybrid	111801.2144	4386635	1805907	2580728	462298.0217	779456.7	0.013241	0	0.057822	0.071063	0.001105	0	0.000456	0.001561	0.009671	0.006842	0.018074	0.001202	0	0.000496	0.001698	0.038683	0.019549	0.05993	572.7738	0	41.91884	614.6927	0.001855
Statewide Totals	2039	MH	Aggregate	Aggregate	Gasoline	49562.07815	512427	512427	0	4958.190298	0	0.066247	0	0.002564	0.068811	0.000636	0	1.75E-06	0.000638	0.001695	0.008696	0.011028	0.000692	0	1.9E-06	0.000693	0.006778	0.024845	0.032317	1046.39	0	0.164192	1046.554	0.002149
Statewide Totals	2039	MH	Aggregate	Aggregate	Diesel	32346.17826	295076.2	295076.2	0	3234.617826	0	0.877572	0	0	0.877572	0.015768	0	0	0.015768	0.001301	0.004988	0.022057	0.01648	0	0	0.01648	0.005204	0.014252	0.035937	340.4385	0	0	340.4385	0.001095
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Gasoline	29744.18318	1445275	1445275	0	595121.6171	0	0.157123	0.002169	0.219061	0.378353	0.001834	0	0.000288	0.002122	0.004779	0.024501	0.031403	0.001994	0	0.000314	0.002308	0.019118	0.070003	0.091429	2409.213	15.95296	25.61404	2450.78	0.005222
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Diesel	254277.063	10340345	10340345	0	3063046.708	0	4.390919	2.132434	4.37383	10.89718	0.046489	0.000921	0	0.04741	0.034195	0.176176	0.257781	0.048591	0.000962	0	0.049553	0.136779	0.50336	0.689693	11599.37	555.9529	0	12155.32	0.003675
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Electricity	138879.3623	6831158	0	6831158	1778314.951	7298136	0	0	0	0	0	0	0	0	0.02259	0.058245	0.080835	0	0	0	0	0.090361	0.166415	0.256776	0	0	0	0	0
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Natural Gas	4059.470707	160463.6	160463.6	0	36440.18331	0	0.012204	0.028783	0	0.040987	0.000221	9.91E-05	0	0.00032	0.000531	0.002746	0.003597	0.00024	0.000108	0	0.000348	0.002123	0.007847	0.010318	154.1949	24.44188	0	178.6367	0.117422
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Gasoline	7431.581865	237239.5	237239.5	0	148691.09	0	0.064986	0.00044	0.05791	0.123336	0.000284	0	4.55E-05	0.000329	0.000785	0.004051	0.005165	0.000308	0	4.95E-05	0.000358	0.003138	0.011575	0.015071	404.5147	2.937218	4.840264	412.2922	0.001866
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Diesel	11731.18429	772398.1	772398.1	0	138298.8248	0	0.856566	0.089691	0.169848	1.116104	0.014781	8.48E-05	0	0.014866	0.002554	0.018329	0.035749	0.015449	8.86E-05	0	0.015538	0.010217	0.052369	0.078124	1044.125	28.8521	0	1072.977	0.0013
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Electricity	2269.209139	161163	0	161163	45402.33645	174350.3	0	0	0	0	0	0	0	0	0.000533	0.001375	0.001908	0	0	0	0	0.002132	0.003928	0.00606	0	0	0	0	0
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Natural Gas	986.7014186	52362.16	52362.16	0	8781.642626	0	0.005182	0.001634	0	0.006816	6.85E-05	5.15E-06	0	7.36E-05	0.000173	0.000899	0.001146	7.45E-05	5.6E-06	0	8.01E-05	0.000693	0.002568	0.003341	47.85677	1.271898	0	49.12866	0.03839
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Gasoline	5601.113414	290302.2	290302.2	0	22404.45365	0	0.054275	0.004887	0.022145	0.081306	0.000336	0	1.53E-05	0.000352	0.00064	0.005126	0.006118	0.000366	0	1.66E-05	0.000383	0.00256	0.014645	0.017588	258.535	15.31708	1.289112	275.1412	0.000758
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Diesel	13653.40458	282650.3	282650.3	0	197701.2983	0	0.307191	0.145813	0.146903	0.599907	0.001997	5.38E-05	0	0.002051	0.000935	0.00494	0.007926	0.002087	5.62E-05	0	0.002144	0.003739	0.014115	0.019997	339.8652	30.15197	0	370.0172	0.000342
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Electricity	6758.419058	204675.1	0	204675.1	85198.90955	223790.4	0	0	0	0	0	0	0	0	0.00061	0.001803	0.002413	0	0	0	0	0.00244	0.005151	0.007592	0	0	0	0	0
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Natural Gas	5289.708502	108730.4	108730.4	0	76594.97911	0	0.056259	0.029883	0	0.086142	0.000472	8.65E-05	0	0.000559	0.00036	0.001945	0.002864	0.000514	9.41E-05	0	0.000608	0.001438	0.005559	0.007605	175.4452	24.6016	0	200.0468	0.431226
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Gasoline	1888.700602	169131.4	169131.4	0	7554.802407	0	0.007921	0	0.003101	0.011022	0.000211	0	1.72E-06	0.000213	0.000385	0.006015	0.006613	0.00023	0	1.88E-06	0.000232	0.001538	0.017187	0.018957	146.7227	0	0.347263	147.07	0.000226
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Diesel	692.5845141	72789.47	72789.47	0	2770.338057	0	0.029056	0	0	0.029056	0.000573	0	0	0.000573	0.000613	0.003062	0.004248	0.000599	0	0	0.000599	0.002451	0.008749	0.011799	91.51364	0	0	91.51364	0.000255
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Electricity	12374.77178	1334230	0	1334230	49499.08713	2568222	0	0	0	0	0	0	0	0	0.011427	0.028312	0.039739	0	0	0	0	0.045709	0.080891	0.1266	0	0	0	0	0
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Natural Gas	2062.712787	234850	234850	0	8250.851147	0	0.027429	0	0	0.027429	0.000266	0	0	0.000266	0.002056	0.00985	0.012172	0.000278	0	0	0.000278	0.008225	0.028143	0.036646	476.5721	0	0	476.5721	1.059108
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Gasoline	39.87658314	4658.98	4658.98	0	797.8506755	0	0.01189	0	5.58E-05	0.011945	5.92E-06	0	3.97E-07	6.31E-06	2.57E-05	0.000162	0.000194	6.43E-06	0	4.32E-07	6.87E-06	0.000103	0.000463	0.000573	8.983229	0	0.038823	9.022053	0.00043
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Diesel	380017.2616	55464869	55464869	0	6468131.883	0	78.59107	28.44928	18.34309	125.3834	1.577876	0.011662	0	1.589538	0.545426	1.763161	3.898126	1.649221	0.012189	0	1.66141	2.181705	5.037603	8.880719	78813.79	5373.753	0	84187.54	0.031822
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Electricity	75911.51743	8153465	0	8153465	997545.7824	14866687	0	0	0	0	0	0	0	0	0.077708	0.13695	0.214657	0	0	0	0	0.31083	0.391284	0.702115	0	0	0	0	0
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Natural Gas	20706.72479	1280368	1280368	0	154498.1834	0	0.469991	0.185902	0	0.655892	0.002216	0.000608	0	0.002823	0.012702	0.073763	0.089289	0.00241	0.000661	0	0.003071	0.050809	0.210751	0.264631	1591.965	199.742	0	1791.707	1.176406
Statewide Totals	2040	LDA	Aggregate	Aggregate	Gasoline	12570406.38	4.93E+08	4.93E+08	0	58404643.64	0	11.28957	0	10.86771	22.15729	0.301987	0	0.058145	0.360133	1.086525	1.45996	2.906617	0.328439	0	0.063238	0.391677	4.346098	4.171314	8.90909	125844.4	0	3530.412	129374.8	0.612944
Statewide Totals	2040	LDA	Aggregate	Aggregate	Diesel	10264.84018	329214.9	329214.9	0	44360.78183	0	0.014805	0	0	0.014805	0.000855	0	0	0.000855	0.000726	0.000983	0.002564	0.000894	0	0	0.000894	0.002903	0.002808	0.006605	70.10114	0	0	70.10114	0.000132
Statewide Totals	2040	LDA	Aggregate	Aggregate	Electricity	1635560.596	67512038	0	67512038	7744337.18	26065219	0	0	0	0	0	0	0	0	0.148839	0.114366	0.263205	0	0	0	0	0.595354	0.326761	0.922115	0	0	0	0	0
Statewide Totals	2040	LDA	Aggregate	Aggregate	Plug-in Hybrid	581462.5896	23424598	9674382	13750216	2404347.808	4152975	0.070898	0	0.300885	0.371783	0.005971	0	0.002454	0.008425	0.051642	0.036471	0.096539	0.006495	0	0.002669	0.009163	0.20657	0.104202	0.319936	3064.802	0	149.2147	3214.017	0.009961
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Gasoline	1005802.051	35490911	35490911	0	4477502.484	0	1.208173	0	1.018282	2.226455	0.026668	0	0.005474	0.032142	0.078244	0.128171	0.238556	0.029004	0	0.005953	0.034957	0.312976	0.366202	0.714135	10738.06	0	325.6138	11063.67	0.064801
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Diesel	9.902470009	381.2668	381.2668	0	46.02657448	0	2.07E-05	0	0	2.07E-05	1.92E-06	0	0	1.92E-06	8.41E-07	1.35E-06	4.1E-06	2E-06	0	0	2E-06	3.36E-06	3.85E-06	9.21E-06	0.146718	0	0	0.146718	3.09E-07
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Electricity	22508.21841	956755.9	0	956755.9	107948.5523	369386.7	0	0	0	0	0	0	0	0	0.002109	0.00162	0.003729	0	0	0	0	0.008437	0.004629	0.013066	0	0	0	0	0
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Plug-in Hybrid	17339.95701	718325.9	292975.3	425350.6	71700.72225	128468.6	0.002152	0	0.008961	0.011112	0.000161	0	6.17E-05	0.000222	0.001584	0.001121	0.002927	0.000175	0	6.71E-05	0.000242	0.006335	0.003204	0.009781	93.11745	0	5.03368	98.15113	0.000304
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Gasoline	7472298.254	2.84E+08	2.84E+08	0	34499622.52	0	8.423501	0	8.122741	16.54624	0.182993	0	0.035262	0.218256	0.625274	1.003153	1.846683	0.199022	0	0.038351	0.237373	2.501096	2.866152	5.604621	87531.47	0	2568.791	90100.26	0.484249
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Diesel	28086.32714	1077357	1077357	0	130556.1595	0	0.036258	0	0	0.036258	0.004864	0	0	0.004864	0.002375	0.003803	0.011042	0.005084	0	0	0.005084	0.009501	0.010865	0.02545	308.011	0	0	308.011	0.000828
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Electricity	257246.9705	7500005	0	7500005	1230977.144	2895621	0	0	0	0	0	0	0	0	0.016535	0.012704	0.029239	0	0	0	0	0.066139	0.036297	0.102436	0	0	0	0	0
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Plug-in Hybrid	184048.5696	7333968	3008697	4325271	761040.8354	1306361	0.022077	0	0.0952	0.117277	0.001744	0	0.000704	0.002448	0.016169	0.011443	0.03006	0.001897	0	0.000766	0.002663	0.064675	0.032694	0.100032	954.8735	0	56.45435	1011.328	0.0031
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Gasoline	387594.0663	13460712	13460712	0	5774574.073	0	0.441202	0.011435	2.806746	3.259383	0.016247	0	0.000779	0.017026	0.029676	0.405075	0.451776	0.01767	0	0.000847	0.018517	0.118703	1.157356	1.294576	9565.09	46.79069	153.1843	9765.065	0.014953
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Diesel	279651.4788	9471572	9471572	0	3517663.801	0	4.800894	0.374634	0	5.175529	0.192329	0.008077	0	0.200406	0.031322	0.285029	0.516757	0.201025	0.008442	0	0.209467	0.125287	0.814368	1.149123	5650.312	36.8404	0	5687.152	0.039401
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Electricity	258120.3751	12468151	0	12468151	3611406.816	7562019	0	0	0	0	0	0	0	0	0.027488	0.187603	0.21509	0	0	0	0	0.10995	0.536008	0.645958	0	0	0	0	0
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Gasoline	50076.47354	1682115	1682115	0	746064.8417	0	0.058216	0.001361	0.338193	0.39777	0.001928	0	8.01E-05	0.002008	0.003708	0.059057	0.064773	0.002097	0	8.71E-05	0.002184	0.014834	0.168733	0.185751	1330.777	6.999507	19.40252	1357.179	0.001661
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Diesel	132779.3852	4382018	4382018	0	1670197.63	0	2.678589	0.181418	0	2.860007	0.100018	0.003833	0	0.10385	0.014491	0.153847	0.272188	0.10454	0.004006	0	0.108546	0.057964	0.439562	0.606072	3056.541	28.33573	0	3084.877	0.020632

Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Electricity	66268.20267	3080587	0	3080587	877501.6627	1849156	0	0	0	0	0	0	0	0	0.006792	0.054078	0.060869	0	0	0	0	0.027166	0.154507	0.181673	0	0	0	0	0
Statewide Totals	2040	MCY	Aggregate	Aggregate	Gasoline	744784.8728	4109040	4109040	0	1489569.746	0	2.198444	0	0.136686	2.33513	0.009616	0	0.005331	0.014946	0.004529	0.019024	0.038499	0.010311	0	0.005709	0.016021	0.018118	0.054353	0.088492	857.7658	0	64.80363	922.5695	0.658123
Statewide Totals	2040	MDV	Aggregate	Aggregate	Gasoline	4421312.323	1.61E+08	1.61E+08	0	20174022.4	0	5.785238	0	5.390557	11.17579	0.108084	0	0.021929	0.130013	0.35459	0.577035	1.061639	0.117551	0	0.02385	0.141401	1.418361	1.648672	3.208434	60455.86	0	1845.695	62301.55	0.304569
Statewide Totals	2040	MDV	Aggregate	Aggregate	Diesel	52182.28044	1832198	1832198	0	235517.1529	0	0.036521	0	0	0.036521	0.003197	0	0	0.003197	0.004039	0.006623	0.013859	0.003342	0	0	0.003342	0.016157	0.018922	0.038421	694.8813	0	0	694.8813	0.00062
Statewide Totals	2040	MDV	Aggregate	Aggregate	Electricity	237628.5882	6859906	0	6859906	1133316.586	2648490	0	0	0	0	0	0	0	0	0.015124	0.011633	0.026757	0	0	0	0	0.060494	0.033237	0.093731	0	0	0	0	0
Statewide Totals	2040	MDV	Aggregate	Aggregate	Plug-in Hybrid	115325.3151	4480983	1841072	2639911	476870.178	797331.8	0.013498	0	0.059647	0.073145	0.001098	0	0.000458	0.001556	0.009879	0.006992	0.018427	0.001195	0	0.000498	0.001693	0.039516	0.019977	0.061186	583.8752	0	43.13734	627.0126	0.001889
Statewide Totals	2040	MH	Aggregate	Aggregate	Gasoline	48713.73506	506893.2	506893.2	0	4873.322055	0	0.062296	0	0.002473	0.064768	0.000633	0	1.73E-06	0.000635	0.001676	0.008602	0.010913	0.000689	0	1.89E-06	0.00069	0.006705	0.024576	0.031972	1034.991	0	0.161159	1035.152	0.002069
Statewide Totals	2040	MH	Aggregate	Aggregate	Diesel	32038.80372	292746.5	292746.5	0	3203.880372	0	0.844183	0	0	0.844183	0.014487	0	0	0.014487	0.001291	0.004948	0.020726	0.015142	0	0	0.015142	0.005163	0.014139	0.034443	337.822	0	0	337.822	0.001057
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Gasoline	28631.57938	1383266	1383266	0	572860.6403	0	0.142151	0.002048	0.208973	0.353172	0.001761	0	0.000279	0.00204	0.004574	0.023451	0.030066	0.001915	0	0.000304	0.002219	0.018297	0.067004	0.087521	2293.556	15.26088	24.47063	2333.288	0.004808
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Diesel	249717.2653	10214210	10214210	0	3010471.876	0	4.136071	2.044638	4.222694	10.4034	0.044783	0.00085	0	0.045633	0.033778	0.173997	0.253408	0.046808	0.000888	0	0.047696	0.135111	0.497135	0.679942	11397.01	541.8056	0	11938.82	0.003504
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Electricity	151920.9148	7387000	0	7387000	1945014.288	7890755	0	0	0	0	0	0	0	0	0.024428	0.062987	0.087415	0	0	0	0	0.097713	0.179963	0.277676	0	0	0	0	0
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Natural Gas	4005.752256	158366.9	158366.9	0	36033.50438	0	0.011781	0.028345	0	0.040126	0.000219	9.84E-05	0	0.000318	0.000524	0.00271	0.003552	0.000239	0.000107	0	0.000346	0.002095	0.007744	0.010184	151.8971	24.09853	0	175.9956	0.116042
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Gasoline	7186.576161	225978.9	225978.9	0	143789.0158	0	0.060379	0.000422	0.055273	0.116075	0.00027	0	4.36E-05	0.000313	0.000747	0.003859	0.004919	0.000293	0	4.74E-05	0.000341	0.002989	0.011025	0.014355	383.4202	2.832126	4.656405	390.9088	0.001745
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Diesel	11786.849	775394.1	775394.1	0	138787.633	0	0.827985	0.085772	0.165753	1.07951	0.01405	8.04E-05	0	0.01413	0.002564	0.018437	0.035132	0.014685	8.4E-05	0	0.014769	0.010257	0.052678	0.077704	1044.109	28.60581	0	1072.714	0.001206
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Electricity	2438.896359	170331.3	0	170331.3	48797.43834	184276.3	0	0	0	0	0	0	0	0	0.000563	0.001453	0.002016	0	0	0	0	0.002253	0.004152	0.006405	0	0	0	0	0
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Natural Gas	997.7402232	52650.27	52650.27	0	8879.887987	0	0.005138	0.001651	0	0.006788	6.92E-05	5.25E-06	0	7.45E-05	0.000174	0.000904	0.001152	7.53E-05	5.71E-06	0	8.1E-05	0.000696	0.002582	0.00336	47.98967	1.283754	0	49.27343	0.038656
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Gasoline	5324.018579	275599.7	275599.7	0	21296.07431	0	0.050441	0.004568	0.020917	0.075925	0.000335	0	1.53E-05	0.00035	0.000608	0.004866	0.005823	0.000364	0	1.66E-05	0.000381	0.00243	0.013903	0.016714	243.6312	14.45962	1.219001	259.3098	0.000717
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Diesel	13217.7208	272312.9	272312.9	0	191392.5972	0	0.253418	0.129746	0.143917	0.527081	0.001667	4.45E-05	0	0.001712	0.000901	0.004759	0.007372	0.001743	4.65E-05	0	0.001789	0.003602	0.013598	0.01899	325.7531	28.84533	0	354.5984	0.000278
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Electricity	7420.964867	223717.9	0	223717.9	93584.15735	244608.8	0	0	0	0	0	0	0	0	0.000667	0.001971	0.002638	0	0	0	0	0.002667	0.005631	0.008298	0	0	0	0	0
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Natural Gas	5183.321519	105687.9	105687.9	0	75054.4956	0	0.05237	0.02923	0	0.0816	0.000459	8.6E-05	0	0.000545	0.00035	0.001891	0.002786	0.000499	9.36E-05	0	0.000593	0.001398	0.005403	0.007394	169.4513	24.13337	0	193.5847	0.413565
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Gasoline	1778.492888	162429.5	162429.5	0	7113.971553	0	0.00334	0	0.002279	0.005618	0.000196	0	1.09E-06	0.000197	0.000359	0.005706	0.006261	0.000213	0	1.18E-06	0.000214	0.001434	0.016302	0.017951	125.5445	0	0.274374	125.8189	0.000167
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Diesel	554.9125393	58293.98	58293.98	0	2219.650157	0	0.022905	0	0	0.022905	0.000465	0	0	0.000465	0.00048	0.002447	0.003392	0.000486	0	0	0.000486	0.001921	0.006992	0.009398	72.38933	0	0	72.38933	0.000203
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Electricity	13356.35999	1438022	0	1438022	53425.43995	2770884	0	0	0	0	0	0	0	0	0.0123	0.030514	0.042814	0	0	0	0	0.049201	0.087183	0.136384	0	0	0	0	0
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Natural Gas	1679.649513	193040.2	193040.2	0	6718.598054	0	0.023174	0	0	0.023174	0.000235	0	0	0.000235	0.001708	0.008073	0.010015	0.000245	0	0	0.000245	0.006832	0.023065	0.030142	394.5598	0	0	394.5598	0.873002
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Gasoline	38.40186416	4481.504	4481.504	0	768.344498	0	0.011149	0	0.000102	0.011251	5.71E-06	0	3.85E-07	6.09E-06	2.47E-05	0.000156	0.000187	6.21E-06	0	4.19E-07	6.63E-06	9.88E-05	0.000447	0.000553	8.590738	0	0.037158	8.627896	0.000412
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Diesel	385543.9847	56691482	56691482	0	6594813.147	0	79.73178	29.03176	18.57441	127.338	1.609999	0.011889	0	1.621888	0.557675	1.80428	3.983843	1.682796	0.012427	0	1.695223	2.230701	5.155085	9.081009	80211.43	5480.344	0	85691.77	0.032335
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Electricity	81913.81233	8666518	0	8666518	1070376.728	15802944	0	0	0	0	0	0	0	0	0.082546	0.145675	0.228221	0	0	0	0	0.330184	0.416214	0.746398	0	0	0	0	0
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Natural Gas	20503.16354	1269154	1269154	0	153826.1637	0	0.438854	0.184571	0	0.623425	0.002179	0.000614	0	0.002792	0.012591	0.072838	0.088221	0.00237	0.000667	0	0.003037	0.050364	0.208108	0.261509	1571.991	198.4261	0	1770.418	1.138065
Statewide Totals	2041	LDA	Aggregate	Aggregate	Gasoline	12607993.74	4.94E+08	4.94E+08	0	58591150.59	0	11.12321	0	10.76944	21.89265	0.292174	0	0.056054	0.348228	1.088391	1.45995	2.89657	0.317766	0	0.060964	0.37873	4.353565	4.171286	8.903581	125570.9	0	3520.661	129091.5	0.599864
Statewide Totals	2041	LDA	Aggregate	Aggregate	Diesel	9820.290561	319813.4	319813.4	0	42638.07989	0	0.012959	0	0	0.012959	0.000741	0	0	0.000741	0.000705	0.000952	0.002398	0.000775	0	0	0.000775	0.00282	0.002719	0.006314	67.39928	0	0	67.39928	0.000119
Statewide Totals	2041	LDA	Aggregate	Aggregate	Electricity	1661159.139	68140176	0	68140176	7853140.257	26307732	0	0	0	0	0	0	0	0	0.150223	0.115441	0.265664	0	0	0	0	0.600893	0.329831	0.930724	0	0	0	0	0
Statewide Totals	2041	LDA	Aggregate	Aggregate	Plug-in Hybrid	585406.3729	23480452	9666384	13814068	2420655.352	4172260	0.070745	0	0.302934	0.373679	0.005758	0	0.002382	0.00814	0.051766	0.036551	0.096457	0.006262	0	0.002591	0.008853	0.207062	0.104433	0.320348	3059.175	0	149.6866	3208.862	0.00992
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Gasoline	998776.3449	35320742	35320742	0	4455256.023	0	1.106297	0	0.982131	2.088428	0.025346	0	0.005177	0.030524	0.077869	0.127225	0.235618	0.027566	0	0.005631	0.033197	0.311476	0.363501	0.708174	10609.99	0	320.4921	10930.48	0.05851
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Diesel	10.12152433	386.9879	386.9879	0	46.95362313	0	1.97E-05	0	0	1.97E-05	1.92E-06	0	0	1.92E-06	8.53E-07	1.37E-06	4.14E-06	2.01E-06	0	0	2.01E-06	3.41E-06	3.91E-06	9.32E-06	0.148535	0	0	0.148535	3.11E-07
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Electricity	23576.37835	989077.3	0	989077.3	112655.7939	381865.5	0	0	0	0	0	0	0	0	0.002181	0.001675	0.003856	0	0	0	0	0.008722	0.004787	0.013509	0	0	0	0	0
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Plug-in Hybrid	18135.31193	741807.2	302421.5	439385.8	74989.51483	132707.6	0.002218	0	0.009372	0.01159	0.000164	0	6.39E-05	0.000228	0.001635	0.001158	0.003021	0.000179	0	6.95E-05	0.000248	0.006542	0.003308	0.010098	96.02502	0	5.26171	101.2867	0.000313
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Gasoline	7516536.556	2.84E+08	2.84E+08	0	34685783.84	0	8.196577	0	8.10067	16.29725	0.177436	0	0.034193	0.211629	0.627072	1.004621	1.843323	0.192978	0	0.037188	0.230166	2.50829	2.870347	5.608802	87373.1	0	2567.087	89940.19	0.474518
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Diesel	28322.1172	1082122	1082122	0	131519.616	0	0.036179	0	0	0.036179	0.004881	0	0	0.004881	0.002386	0.003815	0.011082	0.005102	0	0	0.005102	0.009543	0.0109	0.025545	308.1063	0	0	308.1063	0.000828
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Electricity	266473.0588	7681227	0	7681227	1271078.683	2965588	0	0	0	0	0	0	0	0	0.016934	0.013014	0.029948	0	0	0	0	0.067737	0.037183	0.10492	0	0	0	0	0
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Plug-in Hybrid	188756.4041	7458120	3054658	4403462	780507.7312	1329977	0.022388	0	0.097639	0.120028	0.001733	0	0.000706	0.00244	0.016442	0.011635	0.030517	0.001885	0	0.000768	0.002653	0.065769	0.033243	0.101666	968.5581	0	57.7868	1026.345	0.003137
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Gasoline	377472.9039	13069299	13069299	0	5623783.833	0	0.405352	0.010986	2.691333	3.107671	0.015776	0	0.000743	0.016519	0.028813	0.393296	0.438627	0.017158	0	0.000808	0.017966	0.115251	1.123702	1.256919	9245.551	45.42295	148.5764	9439.551	0.014192
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Diesel	271712.2987	9175712	9175712	0	3417798.904	0	4.209088	0.351794	0	4.560882	0.180285	0.007856	0	0.18814	0.030343	0.276126	0.494609	0.188436	0.008211	0	0.196647	0.121374	0.78893	1.106951	5455.901	35.60228	0	5491.503	0.036897
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Electricity	279117.71	13206411	0	13206411	3904799.514	8011420	0	0	0	0	0	0	0	0	0.029115	0.198711	0.227826	0	0	0	0	0.116461	0.567745	0.684206	0	0	0	0	0
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Gasoline	48557.84238	1628328	1628328	0	723439.5003	0	0.052706	0.001289	0.317769	0.371765	0.001877	0	7.67E-05	0.001953	0.00359	0.057168	0.062712	0.002041	0	8.34E-05	0.002125	0.014359	0.163338	0.179822	1280.515	6.757675	18.75345	1306.027	0.001554
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Diesel	130106.2984	4265131	4265131	0	1636573.56	0	2.484323	0.173818	0	2.65814	0.096468	0.003757	0	0.100225	0.014105	0.149743	0.264072	0.10083	0.003927	0	0.104757	0.056418	0.427837	0.589011	2965.567	27.66695	0	2993.234	0.019846
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Electricity	71701.02934	3267051	0	3267051	949306.5605	1961250	0	0	0	0	0	0	0	0	0.007203	0.057351	0.064553	0	0	0	0	0.02881	0.163859	0.19267	0	0	0	0	0
Statewide Totals	2041	MCY	Aggregate	Aggregate	Gasoline	748607.0001	4111168	4111168	0	1497214	0	2.186916	0	0.13407	2.320987	0.009636	0	0.005378	0.015013	0.004532	0.019034	0.038578	0.010333	0	0.00576	0.016093	0.018127	0.054381	0.088602	857.441	0	64.5574	921.9984	0.653685
Statewide Totals	2041	MDV	Aggregate	Aggregate	Gasoline	4439114.185	1.61E+08	1.61E+08	0	20248593.15	0	5.608355	0	5.357673	10.96603	0.104476	0	0.021176	0.125653	0.355188	0.577185	1.058026	0.113628	0	0.023031	0.136659	1.42075	1.649101	3.20651	60236.99	0	1840.076	62077.06	0.298814
Statewide Totals	2041	MDV	Aggregate	Aggregate	Diesel	51650.72903	1816042	1816042	0	233277.0065	0	0.033969	0	0	0.033969	0.002921	0	0	0.002921	0.004004	0.006546	0.013471	0.003053	0	0	0.003053	0.016015	0.018703	0.037771	683.6679	0	0	683.6679	0.000589
Statewide Totals	2041	MDV	Aggregate	Aggregate	Electricity	245679.1933	7009302	0	7009302	1167784.75	2706169	0	0	0	0	0	0	0	0	0.015453	0.011889	0.027342	0	0	0	0	0.061811	0.03397	0.095781	0	0	0	0	0
Statewide Totals	2041	MDV	Aggregate	Aggregate	Plug-in Hybrid	118563.5504	4564138	1872049	2692089	490260.281	813091.1	0.013709	0	0.061324	0.075032	0.001091	0	0.00046	0.00155	0.010062	0.007121	0.018734	0.001186	0	0.0005	0.001686	0.040249	0.020346	0.062281	593.1524	0	44.25592	637.4083	0.001914
Statewide Totals	2041	MH	Aggregate	Aggregate	Gasoline	48033.5126	502319.3	502319.3	0	4805.272601	0	0.059527	0	0.002388	0.061915	0.000631	0	1.73E-06	0.000633	0.001661	0.008524	0.010818	0.000687	0	1.88E-06	0.000688	0.006645	0.024354	0.031687	1025.581	0	0.158799	1025.739	0.002014
Statewide Totals	2041	MH	Aggregate	Aggregate	Diesel	31737.20782	290498.2	290498.2	0	3173.720782	0	0.813268	0	0	0.813268	0.013247	0	0	0.013247	0.001281	0.00491	0.019439	0.013846	0	0	0.013846	0.005124	0.014029	0.032999	335.2983	0	0	335.2983	0.00102
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Gasoline	27577.65294	1327086	1327086	0	551773.68	0	0.128826	0.001935	0.198764	0.329525	0.001694	0	0.000271	0.001965	0.004389	0.0225	0.028854	0.001843	0	0.000294	0.002137	0.017554	0.064287	0.083978	2189.531	14.61009	23.40232	2227.544	0.004423
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Diesel	245695.9703	10105529	10105529	0	2964607.385	0	3.912317	1.966976	4.084668	9.963961	0.043346	0.000797	0	0.044143	0.033418	0.172117	0.249678	0.045306	0.000833	0	0.046139	0.133673	0.491762	0.671574	11218.46	529.0816	0	11747.54	0.003362
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Electricity	164935.6123	7929345	0	7929345	2111030.251	8468715	0	0	0	0	0	0	0	0	0.026222	0.067613	0.093835	0	0	0	0	0.104887	0.19318	0.298068	0	0	0	0	0
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Natural Gas	3950.846766	156314.2	156314.2	0	35627.61517	0	0.011373	0.027895	0	0.039268	0.000218	9.76E-05	0	0.000315	0.000517	0.002675	0.003507	0.000237	0.000106	0	0.000343	0.002068	0.007643	0.010054	149.6641	23.74566	0	173.4098	0.114701
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Gasoline	6976.769422	216478.8	216478.8	0	139591.2026	0	0.057323	0.000407	0.053226	0.110956	0.000259	0	4.23E-05	0.000301	0.000716	0.003696	0.004713	0.000281	0	4.6E-05	0.000327	0.002864	0.010561	0.013752	365.7256	2.742167	4.504103	372.9718	0.001661
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Diesel	11852.56311	778398.1	778398.1	0	139392.109	0	0.804806	0.082359	0.162342	1.049508	0.013392	7.65E-05	0	0.013468	0.002574	0.01854	0.034583	0.013997	8E-05	0	0.014077	0.010296	0.052973	0.077346	1044.749	28.42111	0	1073.17	0.00112
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Electricity	2598.715434	178497.3	0	178497.3	51995.09841	193118.9	0	0	0	0	0	0	0	0	0.00059	0.001523	0.002113	0	0	0	0	0.002361	0.004351	0.006712	0	0	0	0	0
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Natural Gas	1007.806114	52857.77	52857.77	0	8969.474416	0	0.005106	0.001666	0	0.006773	6.98E-05	5.33E-06	0	7.51E-05	0.000175	0.000907	0.001157	7.59E-05	5.79E-06	0	8.17E-05	0.000699	0.002593	0.003374	48.0829	1.294657	0	49.37755	0.038855
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Gasoline	4986.020532	257901	257901	0	19944.08213	0	0.044943	0.004185	0.01871	0.067839	0.000332	0	1.52E-05	0.000347	0.000569	0.004553	0.005468	0.000361	0	1.66E-05	0.000377	0.002274	0.013008	0.015659	225.7723	13.42132	1.13458	240.3282	0.000665
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Diesel	12780.59891	262261.2	262261.2	0	185063.0723	0	0.208043	0.116393	0.139783	0.464218	0.001403	3.81E-05	0	0.001441	0.000867	0.004584	0.006892	0.001466	3.99E-05	0	0.001506	0.003469	0.013096	0.018071	312.2728	27.56557	0	339.8384	0.00022
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Electricity	8094.398564	242834.9	0	242834.9	102117.4348	265510.1	0	0	0	0	0	0	0	0	0.000724	0.002139	0.002863	0	0	0	0	0.002895	0.006112	0.009007	0	0	0	0	0
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Natural Gas	5043.698936	102304.4	102304.4	0	73032.76059	0	0.048237	0.028383	0	0.07662	0.000444	8.51E-05	0	0.00053	0.000338	0.00183	0.002698	0.000483	9.26E-05	0	0.000576	0.001353	0.00523	0.007159	162.8504	23.51304	0	186.3634	0.394391
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Gasoline	1806.47286	165772	165772	0	7225.89144	0	0.003261	0	0.002267	0.005528	0.000199	0	1.09E-06	0.000201	0.000366	0.005822	0.006389	0.000217	0	1.19E-06	0.000218	0.001463	0.016635	0.018317	127.5865	0	0.276561	127.8631	0.000164
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Diesel	448.9299724	47826.58	47826.58	0	1795.719889	0	0.01892	0	0	0.01892	0.000397	0	0	0.000397	0.000393	0.002003	0.002793	0.000415	0	0	0.000415	0.001572	0.005722	0.007709	59.29861	0	0	59.29861	0.00017
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Electricity	14030.61362	1512013	0	1512013	56122.45448	2915178	0	0	0	0	0	0	0	0	0.01296	0.032084	0.045044	0	0	0	0	0.051838	0.091669	0.143507	0	0	0	0	0
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Natural Gas	1433.936312	166952.1	166952.1	0	5735.745246	0	0.020529	0	0	0.020529	0.000244	0	0	0.000244	0.001467	0.006962	0.008674	0.000255	0	0	0.000255	0.005869	0.019893	0.026017	341.2632	0	0	341.2632	0.744756
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Gasoline	36.97258795	4319.704	4319.704	0	739.7475398	0	0.010388	0	0.000167	0.010556	5.52E-06	0	3.73E-07	5.89E-06	2.38E-05	0.000151	0.000181	6E-06	0	4.06E-07	6.4E-06	9.52E-05	0.000432	0.000534	8.237532	0	0.035549	8.273082	0.000395
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Diesel	391633.969	57995763	57995763	0	6731646.553	0	81.05347	29.67175	18.83679	129.562	1.644804	0.012143	0	1.656947	0.57068	1.847474	4.075101	1.719175	0.012692	0	1.731867	2.282719	5.278496	9.293082	81761.44	5598.089	0	87359.53	0.032909
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Electricity	87803.22059	9155182	0	9155182	1141565.476	16694771	0	0	0	0	0	0	0	0	0.087153	0.153967	0.241119	0	0	0	0	0.34861	0.439905	0.788515	0	0	0	0	0
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Natural Gas	20308.23093	1258460	1258460	0	153288.7163	0	0.40934	0.1837	0	0.59304	0.002138	0.00062	0	0.002757	0.012485	0.07192	0.087162	0.002325	0.000674	0	0.002999	0.04994	0.205485	0.258424	1553.274	197.3005	0	1750.574	1.104882
Statewide Totals	2042	LDA	Aggregate	Aggregate	Gasoline	12646467.12	4.95E+08	4.95E+08	0	58783068.72	0	10.98642	0	10.68152	21.66793	0.284465	0	0.05425	0.338715	1.090364	1.462273	2.891353	0.309382	0	0.059002	0.368384	4.361458	4.177923	8.907765	125429.3	0	3514.242	128943.5	0.589888
Statewide Totals	2042	LDA	Aggregate	Aggregate	Diesel	9481.288587	312813.3	312813.3	0	41332.57061	0	0.011461	0	0	0.011461	0.000652	0	0	0.000652	0.00069	0.00093	0.002271	0.000681	0	0	0.000681	0.002759	0.002656	0.006096	65.37401	0	0	65.37401	0.00011
Statewide Totals	2042	LDA	Aggregate	Aggregate	Electricity	1684037.683	68682142	0	68682142	7949978.077	26516975	0	0	0	0	0	0	0	0	0.151418	0.116368	0.267786	0	0	0	0	0.605673	0.33248	0.938152	0	0	0	0	0
Statewide Totals	2042	LDA	Aggregate	Aggregate	Plug-in Hybrid	588943.249	23529554	9661373	13868182	2435280.335	4188604	0.070702	0	0.304771	0.375473	0.005588	0	0.00232	0.007908	0.051874	0.036636	0.096418	0.006078	0	0.002523	0.0086	0.207495	0.104675	0.32077	3057.344	0	150.1295	3207.474	0.009907
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Gasoline	992033.0267	35170081	35170081	0	4435127.962	0	1.020728	0	0.949029	1.969756	0.02419	0	0.004904	0.029095	0.077537	0.126553	0.233185	0.026309	0	0.005334	0.031643	0.310147	0.36158	0.70337	10498.61	0	315.8919	10814.5	0.053531
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Diesel	10.32470631	392.0991	392.0991	0	47.80188482	0	1.9E-05	0	0	1.9E-05	1.93E-06	0	0	1.93E-06	8.64E-07	1.39E-06	4.18E-06	2.01E-06	0	0	2.01E-06	3.46E-06	3.97E-06	9.44E-06	0.150188	0	0	0.150188	3.13E-07
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Electricity	24581.39869	1018200	0	1018200	117037.3924	393109.2	0	0	0	0	0	0	0	0	0.002245	0.001725	0.00397	0	0	0	0	0.008979	0.004929	0.013908	0	0	0	0	0
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Plug-in Hybrid	18881.22793	763065.7	310971.5	452094.2	78073.87748	136545.9	0.002281	0	0.009758	0.012039	0.000167	0	6.6E-05	0.000233	0.001682	0.001191	0.003107	0.000182	0	7.18E-05	0.000254	0.006729	0.003404	0.010387	98.72753	0	5.475482	104.203	0.000321
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Gasoline	7554641.608	2.85E+08	2.85E+08	0	34851809.85	0	7.94492	0	8.062978	16.0079	0.172786	0	0.033224	0.20601	0.628632	1.007067	1.841709	0.18792	0	0.036134	0.224055	2.514528	2.877334	5.615916	87253.25	0	2565.265	89818.52	0.464651
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Diesel	28539.1402	1086387	1086387	0	132403.8883	0	0.036154	0	0	0.036154	0.004899	0	0	0.004899	0.002395	0.003831	0.011125	0.005121	0	0	0.005121	0.00958	0.010945	0.025646	308.3114	0	0	308.3114	0.000831
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Electricity	274800.129	7838141	0	7838141	1306942.574	3026169	0	0	0	0	0	0	0	0	0.01728	0.013283	0.030563	0	0	0	0	0.069121	0.037951	0.107071	0	0	0	0	0
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Plug-in Hybrid	192995.575	7566282	3094868	4471415	798036.7027	1350500	0.02268	0	0.099837	0.122517	0.001726	0	0.000708	0.002434	0.016681	0.011806	0.030921	0.001877	0	0.000771	0.002648	0.066723	0.033732	0.103103	981.1939	0	58.9883	1040.182	0.003174
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Gasoline	367453.1344	12705249	12705249	0	5474504.197	0	0.371026	0.010552	2.581766	2.963345	0.015321	0	0.000703	0.016024	0.02801	0.38234	0.426375	0.016663	0	0.000765	0.017428	0.112041	1.092401	1.22187	8949.411	44.07885	144.0839	9137.573	0.013483
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Diesel	263854.0764	8898711	8898711	0	3318952.353	0	3.679673	0.329977	0	4.00965	0.168733	0.007637	0	0.176369	0.029427	0.26779	0.473587	0.176362	0.007982	0	0.184344	0.11771	0.765114	1.067168	5274.979	34.38882	0	5309.368	0.034555
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Electricity	299342.4344	13888891	0	13888891	4187272.776	8427072	0	0	0	0	0	0	0	0	0.03062	0.20898	0.2396	0	0	0	0	0.122479	0.597085	0.719564	0	0	0	0	0
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Gasoline	47131.94764	1579378	1579378	0	702195.7932	0	0.047974	0.001223	0.299546	0.348743	0.001829	0	7.33E-05	0.001902	0.003482	0.05545	0.060834	0.001989	0	7.97E-05	0.002069	0.013928	0.158428	0.174425	1235.372	6.532281	18.14848	1260.053	0.001462
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Diesel	127621.2938	4158779	4158779	0	1605315.329	0	2.31376	0.167066	0	2.480826	0.093355	0.003686	0	0.097041	0.013753	0.146009	0.256803	0.097576	0.003853	0	0.101429	0.055011	0.417169	0.573609	2883.359	27.0528	0	2910.412	0.019162
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Electricity	76951.02225	3440284	0	3440284	1018688.726	2065425	0	0	0	0	0	0	0	0	0.007585	0.060392	0.067976	0	0	0	0	0.030338	0.172548	0.202886	0	0	0	0	0
Statewide Totals	2042	MCY	Aggregate	Aggregate	Gasoline	752717.3531	4113763	4113763	0	1505434.706	0	2.177407	0	0.131764	2.309171	0.009667	0	0.005424	0.015092	0.004535	0.019046	0.038672	0.010367	0	0.005811	0.016179	0.018139	0.054416	0.088733	857.5676	0	64.38424	921.9518	0.650548
Statewide Totals	2042	MDV	Aggregate	Aggregate	Gasoline	4456273.985	1.61E+08	1.61E+08	0	20321420.07	0	5.433009	0	5.324817	10.75783	0.101397	0	0.020484	0.121881	0.355784	0.57815	1.055816	0.110279	0	0.022278	0.132557	1.423138	1.651858	3.207553	60076.47	0	1835.701	61912.17	0.293547

Statewide Totals	2042	MDV	Aggregate	Aggregate	Diesel	51253.65	1803782	1803782	0	231610.8266	0	0.031988	0	0	0.031988	0.002696	0	0	0.002696	0.003977	0.006495	0.013167	0.002818	0	0	0.002818	0.015907	0.018557	0.037281	674.8521	0	0	674.8521	0.000566
Statewide Totals	2042	MDV	Aggregate	Aggregate	Electricity	253057.9798	7140413	0	7140413	1199062.093	2756789	0	0	0	0	0	0	0	0	0.015742	0.012115	0.027856	0	0	0	0	0.062968	0.034613	0.097581	0	0	0	0	0
Statewide Totals	2042	MDV	Aggregate	Aggregate	Plug-in Hybrid	121518.7169	4637489	1899387	2738102	502479.8945	826988.3	0.013908	0	0.062854	0.076762	0.001085	0	0.000461	0.001545	0.010224	0.007238	0.019007	0.001179	0	0.000501	0.001681	0.040896	0.020679	0.063256	601.7654	0	45.27597	647.0414	0.001939
Statewide Totals	2042	MH	Aggregate	Aggregate	Gasoline	47385.84938	498105.9	498105.9	0	4740.480372	0	0.066224	0	0.002239	0.068463	0.00063	0	1.72E-06	0.000631	0.001647	0.008453	0.010731	0.000685	0	1.87E-06	0.000687	0.006589	0.024151	0.031427	1016.989	0	0.156525	1017.145	0.001954
Statewide Totals	2042	MH	Aggregate	Aggregate	Diesel	31432.94151	288319.2	288319.2	0	3143.294151	0	0.784751	0	0	0.784751	0.012062	0	0	0.012062	0.001271	0.004873	0.018207	0.012608	0	0	0.012608	0.005085	0.013924	0.031617	332.8816	0	0	332.8816	0.000986
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Gasoline	26599.27108	1276793	1276793	0	532198.2157	0	0.117721	0.001832	0.188684	0.308237	0.001637	0	0.000263	0.0019	0.004222	0.02165	0.027772	0.00178	0	0.000286	0.002066	0.016889	0.061858	0.080813	2097.184	14.0102	22.4268	2133.621	0.004108
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Diesel	242148.917	10015200	10015200	0	2924708.976	0	3.701705	1.897667	3.960648	9.560019	0.042003	0.000747	0	0.04275	0.03312	0.170549	0.246419	0.043902	0.000781	0	0.044683	0.132478	0.487283	0.664445	11065	517.5867	0	11582.59	0.003229
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Electricity	177884.4208	8457779	0	8457779	2275858.676	9031661	0	0	0	0	0	0	0	0	0.027969	0.072121	0.100091	0	0	0	0	0.111877	0.206061	0.317938	0	0	0	0	0
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Natural Gas	3894.452168	154321.3	154321.3	0	35213.69596	0	0.010998	0.027436	0	0.038434	0.000216	9.67E-05	0	0.000313	0.00051	0.002641	0.003464	0.000235	0.000105	0	0.00034	0.002041	0.007545	0.009927	147.4822	23.37603	0	170.8582	0.113372
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Gasoline	6748.337529	207908.4	207908.4	0	135020.7373	0	0.054803	0.000391	0.052034	0.107228	0.000247	0	4.05E-05	0.000287	0.000688	0.00355	0.004525	0.000268	0	4.4E-05	0.000312	0.00275	0.010142	0.013205	349.7386	2.644133	4.332633	356.7154	0.001551
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Diesel	11920.55341	781265.3	781265.3	0	140067.9953	0	0.780155	0.079308	0.159421	1.018884	0.012628	7.16E-05	0	0.0127	0.002584	0.018639	0.033922	0.013199	7.48E-05	0	0.013274	0.010334	0.053254	0.076862	1045.629	28.30306	0	1073.932	0.001017
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Electricity	2748.871448	185762.9	0	185762.9	54999.41993	200988	0	0	0	0	0	0	0	0	0.000614	0.001585	0.002199	0	0	0	0	0.002457	0.004528	0.006985	0	0	0	0	0
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Natural Gas	1019.127809	53111.89	53111.89	0	9070.237503	0	0.005097	0.001684	0	0.006781	7.03E-05	5.41E-06	0	7.57E-05	0.000176	0.000912	0.001163	7.65E-05	5.88E-06	0	8.23E-05	0.000703	0.002605	0.00339	48.23594	1.30713	0	49.54307	0.039079
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Gasoline	4760.949161	245925	245925	0	19043.79665	0	0.040998	0.003918	0.017168	0.062084	0.000329	0	1.52E-05	0.000344	0.000542	0.004341	0.005227	0.000357	0	1.65E-05	0.000374	0.002169	0.012402	0.014945	213.6595	12.72628	1.077909	227.4637	0.000632
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Diesel	12340.6852	252544.3	252544.3	0	178693.1217	0	0.170677	0.10541	0.134479	0.410567	0.001195	3.4E-05	0	0.001229	0.000835	0.004414	0.006478	0.001249	3.55E-05	0	0.001285	0.003341	0.012611	0.017236	299.5084	26.31946	0	325.8278	0.000172
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Electricity	8779.68228	262028.8	0	262028.8	110813.4265	286501.9	0	0	0	0	0	0	0	0	0.000781	0.002308	0.003089	0	0	0	0	0.003124	0.006595	0.009719	0	0	0	0	0
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Natural Gas	4872.080728	98534.95	98534.95	0	70547.72893	0	0.04375	0.02735	0	0.0711	0.000428	8.38E-05	0	0.000512	0.000326	0.001763	0.002601	0.000465	9.12E-05	0	0.000557	0.001303	0.005037	0.006897	155.5398	22.74829	0	178.2881	0.373294
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Gasoline	1836.66888	169161.6	169161.6	0	7346.675521	0	0.00327	0	0.002299	0.005568	0.000203	0	1.11E-06	0.000204	0.000373	0.005941	0.006519	0.000221	0	1.2E-06	0.000222	0.001493	0.016974	0.018689	129.7323	0	0.280967	130.0132	0.000166
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Diesel	360.8858604	37233.61	37233.61	0	1443.543442	0	0.013866	0	0	0.013866	0.000285	0	0	0.000285	0.000297	0.001553	0.002135	0.000298	0	0	0.000298	0.001187	0.004438	0.005923	45.07922	0	0	45.07922	0.000129
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Electricity	14746.95332	1595538	0	1595538	58987.8133	3079208	0	0	0	0	0	0	0	0	0.013719	0.033857	0.047575	0	0	0	0	0.054874	0.096733	0.151607	0	0	0	0	0
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Natural Gas	1125.856403	131395.8	131395.8	0	4503.425611	0	0.016465	0	0	0.016465	0.00023	0	0	0.00023	0.001136	0.00545	0.006816	0.00024	0	0	0.00024	0.004543	0.015573	0.020356	264.569	0	0	264.569	0.568441
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Gasoline	35.78122637	4179.019	4179.019	0	715.9107772	0	0.009889	0	0.00025	0.010139	5.35E-06	0	3.63E-07	5.71E-06	2.3E-05	0.000147	0.000175	5.82E-06	0	3.95E-07	6.21E-06	9.21E-05	0.000419	0.000518	7.934771	0	0.034216	7.968987	0.00038
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Diesel	398293.6086	59377495	59377495	0	6878844.7	0	82.52397	30.36686	19.13353	132.0244	1.682433	0.012422	0	1.694855	0.584436	1.892711	4.172002	1.758505	0.012984	0	1.771489	2.337743	5.407746	9.516978	83453.19	5726.726	0	89179.91	0.033543
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Electricity	93573.17287	9620637	0	9620637	1211065.931	17544277	0	0	0	0	0	0	0	0	0.091541	0.16187	0.253411	0	0	0	0	0.366163	0.462486	0.828649	0	0	0	0	0
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Natural Gas	20129.6555	1249070	1249070	0	152914.6575	0	0.382868	0.18323	0	0.566098	0.002099	0.000626	0	0.002725	0.012392	0.071069	0.086186	0.002282	0.000681	0	0.002963	0.049567	0.203055	0.255585	1536.833	196.4209	0	1733.254	1.077682
Statewide Totals	2043	LDA	Aggregate	Aggregate	Gasoline	12686000.79	4.95E+08	4.95E+08	0	58978985.47	0	10.88084	0	10.60852	21.48936	0.278179	0	0.052726	0.330906	1.092288	1.46456	2.887754	0.302545	0	0.057345	0.35989	4.369152	4.184458	8.9135	125353	0	3511.045	128864.1	0.582432
Statewide Totals	2043	LDA	Aggregate	Aggregate	Diesel	9199.551734	307428.4	307428.4	0	40281.56094	0	0.00999	0	0	0.00999	0.000574	0	0	0.000574	0.000678	0.000913	0.002164	0.0006	0	0	0.0006	0.002711	0.002608	0.005919	63.79449	0	0	63.79449	0.000102
Statewide Totals	2043	LDA	Aggregate	Aggregate	Electricity	1704509.774	69144188	0	69144188	8036307.695	26695363	0	0	0	0	0	0	0	0	0.152437	0.117158	0.269595	0	0	0	0	0.609747	0.334738	0.944485	0	0	0	0	0
Statewide Totals	2043	LDA	Aggregate	Aggregate	Plug-in Hybrid	592159.5037	23571846	9658591	13913254	2448579.548	4202217	0.070675	0	0.306442	0.377118	0.005449	0	0.002266	0.007716	0.051967	0.036708	0.096391	0.005927	0	0.002465	0.008391	0.207868	0.104881	0.32114	3056.233	0	150.5615	3206.795	0.009898
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Gasoline	985532.6891	35031803	35031803	0	4416860.8	0	0.947433	0	0.918065	1.865498	0.023137	0	0.004653	0.02779	0.077232	0.125931	0.230953	0.025164	0	0.00506	0.030224	0.308928	0.359803	0.698955	10398.02	0	311.7648	10709.79	0.049488
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Diesel	10.50974302	396.5918	396.5918	0	48.56757762	0	1.83E-05	0	0	1.83E-05	1.93E-06	0	0	1.93E-06	8.74E-07	1.41E-06	4.21E-06	2.02E-06	0	0	2.02E-06	3.5E-06	4.02E-06	9.53E-06	0.151636	0	0	0.151636	3.16E-07
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Electricity	25524.78461	1044259	0	1044259	121104.8809	403170	0	0	0	0	0	0	0	0	0.002302	0.00177	0.004072	0	0	0	0	0.009209	0.005056	0.014265	0	0	0	0	0
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Plug-in Hybrid	19577.53874	782172.2	318654.6	463517.6	80953.1227	139996.1	0.002337	0	0.010118	0.012455	0.00017	0	6.79E-05	0.000238	0.001724	0.001222	0.003184	0.000185	0	7.38E-05	0.000259	0.006898	0.00349	0.010647	101.1551	0	5.674968	106.8301	0.000329
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Gasoline	7590580.61	2.86E+08	2.86E+08	0	35008916.94	0	7.727322	0	8.023797	15.75112	0.168772	0	0.032376	0.201148	0.630029	1.009234	1.840411	0.183555	0	0.035212	0.218767	2.520114	2.883527	5.622408	87162.41	0	2564.804	89727.22	0.457034
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Diesel	28742.22554	1090188	1090188	0	133228.6134	0	0.036129	0	0	0.036129	0.004916	0	0	0.004916	0.002403	0.003845	0.011164	0.005138	0	0	0.005138	0.009614	0.010985	0.025737	308.5495	0	0	308.5495	0.000833
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Electricity	282298.4236	7972871	0	7972871	1338941.718	3078186	0	0	0	0	0	0	0	0	0.017577	0.013514	0.031091	0	0	0	0	0.070309	0.03861	0.108919	0	0	0	0	0
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Plug-in Hybrid	196826.0229	7660167	3129980	4530187	813875.6046	1368252	0.022935	0	0.101823	0.124758	0.001719	0	0.00071	0.00243	0.016888	0.011955	0.031272	0.00187	0	0.000773	0.002643	0.067551	0.034157	0.104351	992.2174	0	60.07829	1052.296	0.003207
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Gasoline	358626.5254	12380842	12380842	0	5343000.875	0	0.344734	0.010183	2.489531	2.844448	0.014924	0	0.000673	0.015597	0.027295	0.372578	0.41547	0.016232	0	0.000732	0.016964	0.10918	1.064508	1.190652	8690.554	42.90766	140.1019	8873.564	0.012911
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Diesel	257074.8054	8654829	8654829	0	3233677.651	0	3.293	0.311964	0	3.604964	0.159337	0.007446	0	0.166783	0.028621	0.260451	0.455855	0.166541	0.007783	0	0.174324	0.114484	0.744145	1.032953	5116.173	33.35541	0	5149.528	0.0327
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Electricity	318731.4753	14516786	0	14516786	4457944.117	8809665	0	0	0	0	0	0	0	0	0.032004	0.218428	0.250432	0	0	0	0	0.128016	0.624079	0.752095	0	0	0	0	0
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Gasoline	45812.27647	1534787	1534787	0	682534.6591	0	0.044147	0.001163	0.283288	0.328598	0.001786	0	7.05E-05	0.001856	0.003384	0.053884	0.059124	0.001942	0	7.67E-05	0.002019	0.013535	0.153955	0.169508	1194.888	6.32512	17.59084	1218.804	0.001384
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Diesel	125563.1171	4066031	4066031	0	1579426.054	0	2.188503	0.161822	0	2.350324	0.090834	0.003627	0	0.094462	0.013446	0.142753	0.250661	0.094942	0.003791	0	0.098733	0.053784	0.407865	0.560382	2812.291	26.55216	0	2838.843	0.018622
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Electricity	82008.0552	3600734	0	3600734	1085515.069	2161943	0	0	0	0	0	0	0	0	0.007938	0.063208	0.071147	0	0	0	0	0.031753	0.180595	0.212348	0	0	0	0	0
Statewide Totals	2043	MCY	Aggregate	Aggregate	Gasoline	756432.3883	4115765	4115765	0	1512864.777	0	2.167911	0	0.129179	2.29709	0.009693	0	0.005462	0.015156	0.004537	0.019055	0.038747	0.010396	0	0.005853	0.016248	0.018147	0.054442	0.088838	857.5828	0	64.13865	921.7215	0.647437
Statewide Totals	2043	MDV	Aggregate	Aggregate	Gasoline	4473253.119	1.62E+08	1.62E+08	0	20393488.93	0	5.272043	0	5.288518	10.56056	0.098714	0	0.01987	0.118584	0.356355	0.579065	1.054004	0.107361	0	0.02161	0.128971	1.425421	1.654473	3.208864	59949.6	0	1832.639	61782.24	0.28886
Statewide Totals	2043	MDV	Aggregate	Aggregate	Diesel	50965.4954	1794459	1794459	0	230405.5843	0	0.030453	0	0	0.030453	0.002512	0	0	0.002512	0.003956	0.006455	0.012924	0.002626	0	0	0.002626	0.015824	0.018444	0.036894	667.8309	0	0	667.8309	0.000547
Statewide Totals	2043	MDV	Aggregate	Aggregate	Electricity	259786.6423	7254283	0	7254283	1227308.676	2800752	0	0	0	0	0	0	0	0	0.015993	0.01231	0.028303	0	0	0	0	0.063972	0.035172	0.099143	0	0	0	0	0
Statewide Totals	2043	MDV	Aggregate	Aggregate	Plug-in Hybrid	124225.5454	4701981	1923468	2778513	513672.6302	839193.6	0.014083	0	0.064256	0.078339	0.001079	0	0.000462	0.001541	0.010366	0.00734	0.019247	0.001174	0	0.000502	0.001676	0.041464	0.020972	0.064113	609.3467	0	46.21181	655.5585	0.001962
Statewide Totals	2043	MH	Aggregate	Aggregate	Gasoline	46909.92565	494867.7	494867.7	0	4692.868962	0	0.078619	0	0.00209	0.080709	0.000629	0	1.72E-06	0.00063	0.001636	0.008397	0.010664	0.000684	0	1.87E-06	0.000686	0.006546	0.023993	0.031224	1010.281	0	0.154939	1010.436	0.00194
Statewide Totals	2043	MH	Aggregate	Aggregate	Diesel	31123.51186	286170.7	286170.7	0	3112.351186	0	0.757914	0	0	0.757914	0.010925	0	0	0.010925	0.001262	0.004836	0.017023	0.011419	0	0	0.011419	0.005047	0.013818	0.030285	330.4292	0	0	330.4292	0.000954
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Gasoline	25648.87464	1231434	1231434	0	513182.6837	0	0.106646	0.001734	0.179971	0.288351	0.001583	0	0.000255	0.001838	0.004072	0.020881	0.026791	0.001722	0	0.000278	0.001999	0.016289	0.05966	0.077948	2014.078	13.43121	21.47989	2048.989	0.003811
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Diesel	239166.5545	9950762	9950762	0	2891824.917	0	3.521729	1.837913	3.852807	9.212448	0.04092	0.000714	0	0.041633	0.032907	0.169423	0.243963	0.04277	0.000746	0	0.043516	0.131626	0.484065	0.659207	10944.3	507.5293	0	11451.83	0.003124
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Electricity	190582.189	8964753	0	8964753	2437314.962	9571478	0	0	0	0	0	0	0	0	0.029646	0.076445	0.106091	0	0	0	0	0.118583	0.218415	0.336998	0	0	0	0	0
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Natural Gas	3844.178952	152662	152662	0	34878.32066	0	0.010664	0.027013	0	0.037677	0.000215	9.58E-05	0	0.000311	0.000505	0.002612	0.003428	0.000234	0.000104	0	0.000338	0.002019	0.007464	0.009821	145.6463	23.03649	0	168.6828	0.112274
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Gasoline	6518.893985	200291.3	200291.3	0	130430.0309	0	0.05617	0.000375	0.050243	0.106787	0.000238	0	3.91E-05	0.000277	0.000662	0.00342	0.004359	0.000259	0	4.25E-05	0.000302	0.002649	0.00977	0.012721	335.532	2.54547	4.164346	342.2418	0.001443
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Diesel	11994.29152	784046.3	784046.3	0	140836.4028	0	0.760533	0.076605	0.156815	0.993954	0.011971	6.82E-05	0	0.012039	0.002593	0.018734	0.033366	0.012512	7.13E-05	0	0.012583	0.010371	0.053526	0.07648	1046.852	28.24441	0	1075.096	0.000928
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Electricity	2889.69822	192191.1	0	192191.1	57817.08199	207951.8	0	0	0	0	0	0	0	0	0.000636	0.00164	0.002275	0	0	0	0	0.002542	0.004685	0.007227	0	0	0	0	0
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Natural Gas	1030.885078	53362.49	53362.49	0	9174.877191	0	0.005098	0.001703	0	0.006801	7.08E-05	5.49E-06	0	7.62E-05	0.000176	0.000916	0.001169	7.7E-05	5.97E-06	0	8.29E-05	0.000706	0.002618	0.003406	48.40058	1.320282	0	49.72086	0.039284
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Gasoline	4648.833774	239294.5	239294.5	0	18595.33509	0	0.03954	0.003766	0.016719	0.060026	0.000325	0	1.51E-05	0.000341	0.000528	0.004224	0.005092	0.000354	0	1.64E-05	0.00037	0.00211	0.01207	0.01455	207.0425	12.37532	1.048209	220.466	0.000609
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Diesel	11890.85068	242991	242991	0	172179.5179	0	0.140735	0.096195	0.127983	0.364913	0.001036	3.13E-05	0	0.001067	0.000804	0.004247	0.006118	0.001083	3.27E-05	0	0.001115	0.003214	0.012134	0.016464	287.1655	25.09561	0	312.2611	0.000135
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Electricity	9478.631469	281329.4	0	281329.4	119699.0829	307621.6	0	0	0	0	0	0	0	0	0.000838	0.002478	0.003317	0	0	0	0	0.003354	0.007081	0.010435	0	0	0	0	0
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Natural Gas	4674.346857	94511.49	94511.49	0	67684.54249	0	0.039022	0.026165	0	0.065187	0.00041	8.22E-05	0	0.000493	0.000313	0.001691	0.002496	0.000446	8.94E-05	0	0.000536	0.00125	0.004831	0.006617	147.7579	21.86828	0	169.6262	0.350883
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Gasoline	1866.826006	172548	172548	0	7467.304023	0	0.003288	0	0.002316	0.005605	0.000207	0	1.12E-06	0.000208	0.000381	0.006059	0.006648	0.000225	0	1.22E-06	0.000226	0.001522	0.017312	0.019061	131.874	0	0.284374	132.1584	0.000165
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Diesel	181.4998368	17214.51	17214.51	0	725.9993473	0	0.005863	0	0	0.005863	0.000146	0	0	0.000146	0.000123	0.000704	0.000972	0.000152	0	0	0.000152	0.000493	0.002011	0.002655	19.4656	0	0	19.4656	6.15E-05
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Electricity	15643.07107	1704818	0	1704818	62572.28427	3291521	0	0	0	0	0	0	0	0	0.014707	0.036175	0.050883	0	0	0	0	0.058829	0.103358	0.162187	0	0	0	0	0
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Natural Gas	729.148916	79496.01	79496.01	0	2916.595664	0	0.010577	0	0	0.010577	0.000224	0	0	0.000224	0.000652	0.003245	0.00412	0.000234	0	0	0.000234	0.002607	0.009271	0.012111	152.4417	0	0	152.4417	0.311579
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Gasoline	34.69662784	4055.166	4055.166	0	694.2101299	0	0.00954	0	0.000361	0.009901	5.2E-06	0	3.54E-07	5.55E-06	2.24E-05	0.000143	0.000171	5.65E-06	0	3.85E-07	6.04E-06	8.94E-05	0.000408	0.000503	7.670378	0	0.033027	7.703406	0.000367
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Diesel	405462.4496	60834234	60834234	0	7035643.032	0	84.09762	31.11211	19.46478	134.6745	1.722855	0.012717	0	1.735572	0.59892	1.939999	4.274491	1.800755	0.013292	0	1.814047	2.395681	5.542854	9.752582	85274.82	5865.175	0	91139.99	0.034228
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Electricity	99225.04485	10066109	0	10066109	1278980.442	18357347	0	0	0	0	0	0	0	0	0.095741	0.169427	0.265168	0	0	0	0	0.382964	0.484078	0.867042	0	0	0	0	0
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Natural Gas	19984.19644	1241961	1241961	0	152785.6424	0	0.360068	0.183288	0	0.543356	0.002067	0.000633	0	0.002699	0.012321	0.070355	0.085376	0.002248	0.000688	0	0.002936	0.049285	0.201014	0.253235	1523.895	195.9029	0	1719.798	1.054622
Statewide Totals	2044	LDA	Aggregate	Aggregate	Gasoline	12726625.59	4.96E+08	4.96E+08	0	59177437.59	0	10.80734	0	10.55084	21.35818	0.273134	0	0.051465	0.324598	1.094187	1.466839	2.885624	0.297058	0	0.055973	0.35303	4.376748	4.190968	8.920746	125333.5	0	3510.758	128844.2	0.577579
Statewide Totals	2044	LDA	Aggregate	Aggregate	Diesel	8971.275876	303326.3	303326.3	0	39448.00448	0	0.008705	0	0	0.008705	0.000509	0	0	0.000509	0.000669	0.0009	0.002078	0.000532	0	0	0.000532	0.002675	0.002571	0.005778	62.57421	0	0	62.57421	9.5E-05
Statewide Totals	2044	LDA	Aggregate	Aggregate	Electricity	1722897.98	69542078	0	69542078	8113575.928	26848982	0	0	0	0	0	0	0	0	0.153314	0.117839	0.271153	0	0	0	0	0.613256	0.336683	0.949939	0	0	0	0	0
Statewide Totals	2044	LDA	Aggregate	Aggregate	Plug-in Hybrid	595148.1747	23610777	9658689	13952089	2460937.702	4213947	0.07067	0	0.307994	0.378665	0.005338	0	0.002221	0.007559	0.052053	0.036774	0.096386	0.005805	0	0.002416	0.008221	0.208211	0.105067	0.3215	3056.045	0	151.0007	3207.046	0.009891
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Gasoline	981072.1923	34932815	34932815	0	4405235.212	0	0.898985	0	0.894175	1.79316	0.022261	0	0.004445	0.026706	0.077014	0.125474	0.229194	0.024211	0	0.004835	0.029046	0.308055	0.358498	0.695598	10318.42	0	308.6338	10627.06	0.047118
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Diesel	10.62395696	399.9128	399.9128	0	49.11702152	0	1.65E-05	0	0	1.65E-05	1.9E-06	0	0	1.9E-06	8.82E-07	1.42E-06	4.21E-06	1.99E-06	0	0	1.99E-06	3.53E-06	4.06E-06	9.57E-06	0.152546	0	0	0.152546	3.15E-07
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Electricity	26398.72427	1067414	0	1067414	124841.737	412110	0	0	0	0	0	0	0	0	0.002353	0.001809	0.004163	0	0	0	0	0.009413	0.00517	0.014583	0	0	0	0	0
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Plug-in Hybrid	20224.39597	799302.8	325542.2	473760.6	83627.87735	143089.8	0.002387	0	0.010453	0.01284	0.000173	0	6.96E-05	0.000243	0.001762	0.001249	0.003253	0.000188	0	7.57E-05	0.000264	0.007049	0.003567	0.01088	103.3306	0	5.86023	109.1908	0.000335
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Gasoline	7624260.593	2.86E+08	2.86E+08	0	35157350.87	0	7.540446	0	7.981533	15.52198	0.165323	0	0.031635	0.196958	0.63131	1.011203	1.839472	0.179804	0	0.034406	0.21421	2.525242	2.889153	5.628605	87098.77	0	2565.414	89664.19	0.451656
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Diesel	28932.16388	1093628	1093628	0	133997.8542	0	0.036129	0	0	0.036129	0.004931	0	0	0.004931	0.002411	0.003857	0.0112	0.005154	0	0	0.005154	0.009644	0.011021	0.025819	308.8241	0	0	308.8241	0.000836
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Electricity	289032.0449	8088307	0	8088307	1367409.679	3122754	0	0	0	0	0	0	0	0	0.017832	0.013711	0.031543	0	0	0	0	0.071327	0.039175	0.110502	0	0	0	0	0
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Plug-in Hybrid	200296.6111	7742091	3160850	4581242	828226.4869	1383672	0.023159	0	0.103622	0.126782	0.001715	0	0.000712	0.002427	0.017068	0.012084	0.03158	0.001865	0	0.000775	0.002639	0.068274	0.034527	0.10544	1001.9	0	61.07171	1062.972	0.003235
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Gasoline	349280.0602	12070497	12070497	0	5203752.469	0	0.314488	0.009797	2.39441	2.718695	0.014514	0	0.000632	0.015146	0.026611	0.363239	0.404995	0.015785	0	0.000687	0.016472	0.106444	1.037825	1.160741	8440.592	41.67054	136.0164	8618.278	0.012309
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Diesel	250272.2142	8427109	8427109	0	3148109.612	0	2.897342	0.294317	0	3.191659	0.149992	0.007256	0	0.157248	0.027868	0.253598	0.438714	0.156774	0.007584	0	0.164358	0.111472	0.724565	1.000395	4969.329	32.32316	0	5001.652	0.030853
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Electricity	337243.0587	15093525	0	15093525	4716235.438	9161279	0	0	0	0	0	0	0	0	0.033276	0.227105	0.260381	0	0	0	0	0.133102	0.648873	0.781975	0	0	0	0	0
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Gasoline	44541.84241	1493751	1493751	0	663607.0846	0	0.040598	0.001107	0.268307	0.310012	0.001744	0	6.73E-05	0.001811	0.003293	0.052444	0.057548	0.001896	0	7.32E-05	0.00197	0.013173	0.149839	0.164981	1157.831	6.126661	17.05773	1181.016	0.001312
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Diesel	122916.5964	3970496	3970496	0	1546136.153	0	1.958533	0.155059	0	2.113592	0.087866	0.003553	0	0.091419	0.01313	0.139399	0.243948	0.091839	0.003714	0	0.095553	0.052521	0.398282	0.546355	2740.402	25.90491	0	2766.307	0.017922
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Electricity	86862.11795	3749188	0	3749188	1149653.047	2251281	0	0	0	0	0	0	0	0	0.008266	0.065814	0.07408	0	0	0	0	0.033062	0.188041	0.221103	0	0	0	0	0
Statewide Totals	2044	MCY	Aggregate	Aggregate	Gasoline	759218.646	4116954	4116954	0	1518437.292	0	2.158102	0	0.12606	2.284162	0.009713	0	0.005486	0.015199	0.004538	0.01906	0.038798	0.010417	0	0.005879	0.016296	0.018153	0.054458	0.088907	857.4332	0	63.74364	921.1768	0.644267
Statewide Totals	2044	MDV	Aggregate	Aggregate	Gasoline	4485204.794	1.62E+08	1.62E+08	0	20451979.56	0	5.045694	0	5.211509	10.2572	0.096207	0	0.019264	0.115471	0.356788	0.579711	1.05197	0.104634	0	0.020951	0.125585	1.427152	1.656318	3.209055	59823.28	0	1828.833	61652.12	0.282472
Statewide Totals	2044	MDV	Aggregate	Aggregate	Diesel	50760.31504	1787504	1787504	0	229555.2123	0	0.029143	0	0	0.029143	0.00236	0	0	0.00236	0.003941	0.006425	0.012726	0.002467	0	0	0.002467	0.015763	0.018358	0.036588	662.2669	0	0	662.2669	0.000531
Statewide Totals	2044	MDV	Aggregate	Aggregate	Electricity	265890.0303	7352899	0	7352899	1252691.042	2838826	0	0	0	0	0	0	0	0	0.01621	0.01248	0.02869	0	0	0	0	0.064841	0.035656	0.100497	0	0	0	0	0
Statewide Totals	2044	MDV	Aggregate	Aggregate	Plug-in Hybrid	126694.7107	4758697	1944698	2814000	523882.6289	849911.8	0.014237	0	0.065535	0.079773	0.001075	0	0.000463	0.001538	0.010491	0.00743	0.019459	0.001169	0	0.000503	0.001672	0.041965	0.021229	0.064866	616.0246	0	47.06682	663.0915	0.001981

Statewide Totals	2044	MH	Aggregate	Aggregate	Gasoline	46432.84951	491779.7	491779.7	0	4645.142265	0	0.090932	0	0.00201	0.092941	0.000627	0	1.71E-06	0.000629	0.001626	0.008345	0.0106	0.000682	0	1.86E-06	0.000684	0.006505	0.023843	0.031032	1003.956	0	0.153347	1004.109	0.001926
Statewide Totals	2044	MH	Aggregate	Aggregate	Diesel	30808.363	284059.1	284059.1	0	3080.8363	0	0.733316	0	0	0.733316	0.009836	0	0	0.009836	0.001252	0.004801	0.015889	0.010281	0	0	0.010281	0.00501	0.013716	0.029007	328.046	0	0	328.046	0.000923
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Gasoline	24765.85634	1191168	1191168	0	495515.2536	0	0.097137	0.001645	0.179181	0.277963	0.001535	0	0.000248	0.001783	0.003939	0.020199	0.025922	0.00167	0	0.00027	0.001939	0.015756	0.057712	0.075408	1940.828	12.89689	20.61276	1974.338	0.003537
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Diesel	236737.3807	9910440	9910440	0	2865856.661	0	3.362619	1.786069	3.761166	8.909854	0.039969	0.000681	0	0.04065	0.032773	0.168708	0.242131	0.041776	0.000712	0	0.042488	0.131093	0.482022	0.655603	10853.41	498.8865	0	11352.3	0.003028
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Electricity	203054.2596	9452545	0	9452545	2595624.945	10090734	0	0	0	0	0	0	0	0	0.031259	0.080606	0.111865	0	0	0	0	0.125036	0.230303	0.355339	0	0	0	0	0
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Natural Gas	3798.098349	151249.1	151249.1	0	34592.11474	0	0.010372	0.026618	0	0.036991	0.000214	9.5E-05	0	0.000309	0.0005	0.002588	0.003397	0.000233	0.000103	0	0.000336	0.002001	0.007394	0.009731	144.0618	22.71652	0	166.7783	0.111335
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Gasoline	6201.257146	192631.3	192631.3	0	124074.753	0	0.055014	0.000352	0.047677	0.103042	0.000229	0	3.65E-05	0.000265	0.000637	0.003289	0.004191	0.000249	0	3.97E-05	0.000289	0.002548	0.009396	0.012233	321.0487	2.408324	3.907165	327.3642	0.001212
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Diesel	12070.48832	786749.1	786749.1	0	141664.0856	0	0.739906	0.074325	0.154601	0.968832	0.011342	6.51E-05	0	0.011407	0.002602	0.018826	0.032835	0.011854	6.81E-05	0	0.011922	0.010407	0.053789	0.076119	1048.452	28.23904	0	1076.691	0.000838
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Electricity	3021.65917	197864.5	0	197864.5	60457.35667	214099.6	0	0	0	0	0	0	0	0	0.000654	0.001688	0.002342	0	0	0	0	0.002617	0.004823	0.00744	0	0	0	0	0
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Natural Gas	1042.194384	53593.3	53593.3	0	9275.530015	0	0.0051	0.001721	0	0.006821	7.12E-05	5.56E-06	0	7.67E-05	0.000177	0.00092	0.001174	7.74E-05	6.05E-06	0	8.35E-05	0.000709	0.002629	0.003421	48.5592	1.333097	0	49.8923	0.03948
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Gasoline	4509.457219	231116.9	231116.9	0	18037.82888	0	0.037666	0.003587	0.015597	0.056851	0.00032	0	1.49E-05	0.000335	0.00051	0.004081	0.004926	0.000348	0	1.62E-05	0.000364	0.002038	0.01166	0.014062	199.0321	11.94779	1.016131	211.996	0.000593
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Diesel	11425.62952	233494.6	233494.6	0	165443.1154	0	0.117167	0.088135	0.120548	0.32585	0.000915	2.94E-05	0	0.000944	0.000772	0.004081	0.005797	0.000956	3.08E-05	0	0.000987	0.003089	0.011661	0.015736	275.0235	23.88038	0	298.9038	0.000109
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Electricity	10192.37406	300783.5	0	300783.5	128787.0948	328911.4	0	0	0	0	0	0	0	0	0.000896	0.00265	0.003546	0	0	0	0	0.003586	0.007571	0.011156	0	0	0	0	0
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Natural Gas	4461.562113	90315.86	90315.86	0	64603.4194	0	0.034199	0.024894	0	0.059093	0.000392	8.04E-05	0	0.000472	0.000299	0.001616	0.002387	0.000426	8.74E-05	0	0.000514	0.001195	0.004616	0.006324	139.7321	20.92431	0	160.6564	0.327776
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Gasoline	1892.514124	175799	175799	0	7570.056496	0	0.003248	0	0.002298	0.005546	0.000211	0	1.12E-06	0.000212	0.000388	0.006172	0.006771	0.000229	0	1.21E-06	0.00023	0.00155	0.017634	0.019415	133.7457	0	0.285377	134.0311	0.000165
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Diesel	67.47015928	3670.206	3670.206	0	269.8806371	0	0.000782	0	0	0.000782	5.64E-05	0	0	5.64E-05	1.21E-05	0.000129	0.000197	5.9E-05	0	0	5.9E-05	4.85E-05	0.000368	0.000476	2.67526	0	0	2.67526	1.8E-05
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Electricity	16562.66059	1817313	0	1817313	66250.64236	3512789	0	0	0	0	0	0	0	0	0.015742	0.038562	0.054304	0	0	0	0	0.062967	0.110178	0.173145	0	0	0	0	0
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Natural Gas	247.8675949	18021.79	18021.79	0	991.4703797	0	0.002904	0	0	0.002904	0.000209	0	0	0.000209	5.96E-05	0.000633	0.000902	0.000219	0	0	0.000219	0.000238	0.001808	0.002265	12.1815	0	0	12.1815	5.43E-05
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Gasoline	33.58426878	3944.822	3944.822	0	671.9540497	0	0.009278	0	0.00049	0.009768	5.06E-06	0	3.44E-07	5.41E-06	2.17E-05	0.000139	0.000166	5.51E-06	0	3.74E-07	5.88E-06	8.7E-05	0.000397	0.00049	7.435315	0	0.03187	7.467186	0.000354
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Diesel	413177.83	62367937	62367937	0	7201774.096	0	85.83697	31.9077	19.8316	137.5763	1.766209	0.013032	0	1.779241	0.614153	1.989551	4.382945	1.84607	0.013621	0	1.85969	2.456612	5.684432	10.00073	87227.98	6012.59	0	93240.57	0.034968
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Electricity	104732.7966	10493016	0	10493016	1345128.492	19136513	0	0	0	0	0	0	0	0	0.099767	0.176657	0.276424	0	0	0	0	0.399068	0.504733	0.903801	0	0	0	0	0
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Natural Gas	19849.45647	1235829	1235829	0	152774.9508	0	0.340229	0.18346	0	0.523689	0.002041	0.00064	0	0.00268	0.01226	0.069679	0.08462	0.002219	0.000696	0	0.002915	0.049042	0.199084	0.251041	1512.578	195.5651	0	1708.143	1.03559
Statewide Totals	2045	LDA	Aggregate	Aggregate	Gasoline	12765276.65	4.97E+08	4.97E+08	0	59369327.05	0	10.75533	0	10.49878	21.25412	0.269094	0	0.050402	0.319495	1.096026	1.469051	2.884572	0.292664	0	0.054817	0.34748	4.384104	4.197288	8.928873	125353.3	0	3512.088	128865.4	0.574832
Statewide Totals	2045	LDA	Aggregate	Aggregate	Diesel	8803.722366	300272.5	300272.5	0	38832.60538	0	0.007722	0	0	0.007722	0.00046	0	0	0.00046	0.000662	0.00089	0.002012	0.00048	0	0	0.00048	0.002648	0.002543	0.005671	61.65272	0	0	61.65272	9E-05
Statewide Totals	2045	LDA	Aggregate	Aggregate	Electricity	1739473.586	69887031	0	69887031	8182997.848	26982162	0	0	0	0	0	0	0	0	0.154075	0.118429	0.272504	0	0	0	0	0.616298	0.338369	0.954668	0	0	0	0	0
Statewide Totals	2045	LDA	Aggregate	Aggregate	Plug-in Hybrid	597981.1131	23648189	9661687	13986502	2472651.903	4224340	0.070686	0	0.309466	0.380152	0.00525	0	0.002185	0.007435	0.052135	0.036835	0.096405	0.00571	0	0.002376	0.008086	0.208541	0.105243	0.32187	3056.782	0	151.4588	3208.24	0.009889
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Gasoline	977494.5143	34854646	34854646	0	4396912.436	0	0.862947	0	0.873498	1.736445	0.0215	0	0.004265	0.025765	0.076841	0.125105	0.227711	0.023383	0	0.004639	0.028022	0.307366	0.357442	0.692829	10249.96	0	306.0035	10555.96	0.045694
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Diesel	10.74282371	403.0903	403.0903	0	49.65330727	0	1.54E-05	0	0	1.54E-05	1.89E-06	0	0	1.89E-06	8.89E-07	1.43E-06	4.21E-06	1.98E-06	0	0	1.98E-06	3.55E-06	4.09E-06	9.62E-06	0.153482	0	0	0.153482	3.15E-07
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Electricity	27212.29185	1087972	0	1087972	128280.0466	420047	0	0	0	0	0	0	0	0	0.002399	0.001845	0.004243	0	0	0	0	0.009594	0.005271	0.014865	0	0	0	0	0
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Plug-in Hybrid	20822.71672	814621.2	331701.2	482920	86101.93362	145856.2	0.002432	0	0.010762	0.013194	0.000175	0	7.12E-05	0.000247	0.001796	0.001273	0.003315	0.000191	0	7.74E-05	0.000268	0.007184	0.003636	0.011088	105.275	0	6.03156	111.3066	0.000341
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Gasoline	7654516.663	2.87E+08	2.87E+08	0	35294410.25	0	7.364654	0	7.925767	15.29042	0.162307	0	0.030973	0.19328	0.632468	1.012952	1.838699	0.176524	0	0.033686	0.210209	2.52987	2.894148	5.634228	87048.29	0	2566.378	89614.67	0.44823
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Diesel	29111.72005	1096784	1096784	0	134722.0809	0	0.036148	0	0	0.036148	0.004946	0	0	0.004946	0.002418	0.003869	0.011233	0.00517	0	0	0.00517	0.009672	0.011054	0.025896	309.1327	0	0	309.1327	0.000838
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Electricity	295076.2069	8187172	0	8187172	1392723.6	3160924	0	0	0	0	0	0	0	0	0.01805	0.013881	0.03193	0	0	0	0	0.072198	0.03966	0.111858	0	0	0	0	0
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Plug-in Hybrid	203444.3722	7813805	3188062	4625743	841242.479	1397112	0.023356	0	0.105255	0.128611	0.001711	0	0.000714	0.002425	0.017226	0.012198	0.03185	0.001861	0	0.000777	0.002638	0.068906	0.03485	0.106394	1010.427	0	61.97803	1072.405	0.003259
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Gasoline	339775.568	11778278	11778278	0	5062149.698	0	0.282716	0.009407	2.298872	2.590995	0.01411	0	0.000585	0.014695	0.025967	0.354445	0.395107	0.015346	0	0.000636	0.015982	0.103867	1.0127	1.132549	8204.012	40.41532	131.9558	8376.383	0.011713
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Diesel	244164.2117	8224312	8224312	0	3071278.624	0	2.576506	0.278961	0	2.855467	0.142289	0.007084	0	0.149373	0.027197	0.247495	0.424066	0.148723	0.007404	0	0.156127	0.108789	0.707129	0.972045	4838.708	31.40447	0	4870.113	0.029342
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Electricity	354826.953	15621567	0	15621567	4961444.356	9483361	0	0	0	0	0	0	0	0	0.03444	0.235051	0.26949	0	0	0	0	0.137759	0.671573	0.809332	0	0	0	0	0
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Gasoline	43334.84567	1455788	1455788	0	645624.6315	0	0.037691	0.001055	0.254532	0.293278	0.001705	0	6.48E-05	0.00177	0.003209	0.051111	0.05609	0.001855	0	7.05E-05	0.001925	0.012838	0.146031	0.160794	1124.022	5.939602	16.55328	1146.515	0.001251
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Diesel	120624.9929	3885951	3885951	0	1517310.665	0	1.781842	0.149394	0	1.931236	0.085272	0.003489	0	0.08876	0.012851	0.13643	0.238041	0.089127	0.003647	0	0.092774	0.051402	0.389801	0.533977	2676.956	25.35007	0	2702.306	0.01734
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Electricity	91503.85189	3886304	0	3886304	1210982.414	2333825	0	0	0	0	0	0	0	0	0.008568	0.068221	0.076789	0	0	0	0	0.034271	0.194918	0.22919	0	0	0	0	0
Statewide Totals	2045	MCY	Aggregate	Aggregate	Gasoline	760274.5994	4116645	4116645	0	1520549.199	0	2.147016	0	0.121908	2.268924	0.009725	0	0.005489	0.015214	0.004538	0.019059	0.038811	0.010431	0	0.005883	0.016314	0.018151	0.054454	0.088919	856.9509	0	63.06287	920.0138	0.640758
Statewide Totals	2045	MDV	Aggregate	Aggregate	Gasoline	4495436.221	1.62E+08	1.62E+08	0	20505694.65	0	4.807795	0	5.110881	9.918676	0.093975	0	0.01871	0.112685	0.357181	0.580277	1.050142	0.102206	0	0.020349	0.122555	1.428722	1.657933	3.209211	59705.2	0	1824.946	61530.15	0.275953
Statewide Totals	2045	MDV	Aggregate	Aggregate	Diesel	50648.273	1782763	1782763	0	229075.4263	0	0.028162	0	0	0.028162	0.00224	0	0	0.00224	0.00393	0.006405	0.012575	0.002341	0	0	0.002341	0.015721	0.018299	0.036361	658.0498	0	0	658.0498	0.000519
Statewide Totals	2045	MDV	Aggregate	Aggregate	Electricity	271389.7459	7437827	0	7437827	1275357.939	2871615	0	0	0	0	0	0	0	0	0.016398	0.012625	0.029023	0	0	0	0	0.06559	0.036073	0.101663	0	0	0	0	0
Statewide Totals	2045	MDV	Aggregate	Aggregate	Plug-in Hybrid	128944.5048	4808575	1963454	2845120	533185.5274	859311.1	0.014374	0	0.066701	0.081075	0.001072	0	0.000464	0.001536	0.010601	0.007509	0.019646	0.001165	0	0.000505	0.00167	0.042404	0.021456	0.06553	621.9194	0	47.84856	669.7679	0.001998
Statewide Totals	2045	MH	Aggregate	Aggregate	Gasoline	46081.56603	489416.4	489416.4	0	4609.999866	0	0.101049	0	0.001944	0.102993	0.000626	0	1.71E-06	0.000628	0.001618	0.008305	0.010552	0.000681	0	1.86E-06	0.000683	0.006474	0.023728	0.030886	999.1252	0	0.152173	999.2774	0.001914
Statewide Totals	2045	MH	Aggregate	Aggregate	Diesel	30489.84918	282005.3	282005.3	0	3048.984918	0	0.710016	0	0	0.710016	0.008817	0	0	0.008817	0.001243	0.004766	0.014826	0.009216	0	0	0.009216	0.004974	0.013616	0.027806	325.7269	0	0	325.7269	0.000894
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Gasoline	23972.28545	1155979	1155979	0	479637.4873	0	0.089402	0.001568	0.182578	0.273548	0.001493	0	0.000241	0.001735	0.003823	0.019604	0.025161	0.001624	0	0.000262	0.001887	0.015291	0.05601	0.073188	1877.174	12.41983	19.8452	1909.439	0.003352
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Diesel	234923.1779	9898341	9898341	0	2847509.416	0	3.24447	1.744187	3.686332	8.674989	0.039461	0.000665	0	0.040126	0.032733	0.168474	0.241333	0.041246	0.000695	0	0.04194	0.130933	0.481354	0.654227	10796.5	491.8088	0	11288.31	0.002975
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Electricity	215166.5721	9917613	0	9917613	2749223.667	10585636	0	0	0	0	0	0	0	0	0.032797	0.084573	0.11737	0	0	0	0	0.131188	0.241638	0.372825	0	0	0	0	0
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Natural Gas	3758.647775	150185.6	150185.6	0	34381.4521	0	0.010119	0.026266	0	0.036385	0.000213	9.43E-05	0	0.000307	0.000497	0.00257	0.003374	0.000232	0.000103	0	0.000334	0.001987	0.007342	0.009663	142.8298	22.43183	0	165.2616	0.110627
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Gasoline	5954.304657	186428.1	186428.1	0	119133.7276	0	0.054303	0.000335	0.046635	0.101273	0.000221	0	3.48E-05	0.000256	0.000617	0.003183	0.004055	0.000241	0	3.78E-05	0.000279	0.002466	0.009093	0.011838	309.3822	2.30153	3.703469	315.3872	0.001043
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Diesel	12146.32687	789405.8	789405.8	0	142530.3319	0	0.721981	0.072501	0.152651	0.947134	0.010806	6.26E-05	0	0.010869	0.002611	0.018915	0.032394	0.011295	6.54E-05	0	0.01136	0.010442	0.054043	0.075845	1050.381	28.28626	0	1078.667	0.000761
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Electricity	3144.141893	202824.4	0	202824.4	62907.991	219475.7	0	0	0	0	0	0	0	0	0.000671	0.00173	0.002401	0	0	0	0	0.002683	0.004944	0.007627	0	0	0	0	0
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Natural Gas	1052.127215	53795.63	53795.63	0	9363.932215	0	0.005094	0.001737	0	0.006831	7.16E-05	5.63E-06	0	7.72E-05	0.000178	0.000924	0.001179	7.79E-05	6.12E-06	0	8.4E-05	0.000712	0.002639	0.003435	48.69145	1.344318	0	50.03577	0.039657
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Gasoline	4352.344542	221970.8	221970.8	0	17409.37817	0	0.035164	0.003391	0.014782	0.053337	0.000313	0	1.46E-05	0.000327	0.000489	0.00392	0.004737	0.00034	0	1.58E-05	0.000356	0.001957	0.011201	0.013514	190.2104	11.47476	0.976758	202.6619	0.000552
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Diesel	10946.95755	223917.7	223917.7	0	158511.9453	0	0.099105	0.080767	0.112521	0.292393	0.000822	2.79E-05	0	0.00085	0.00074	0.003914	0.005505	0.000859	2.92E-05	0	0.000889	0.002962	0.011183	0.015033	262.7895	22.67379	0	285.4633	9.21E-05
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Electricity	10919.81245	320337.5	0	320337.5	138062.9903	350307.3	0	0	0	0	0	0	0	0	0.000955	0.002822	0.003777	0	0	0	0	0.003819	0.008063	0.011882	0	0	0	0	0
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Natural Gas	4239.401519	86135.19	86135.19	0	61386.534	0	0.029461	0.023573	0	0.053033	0.000374	7.83E-05	0	0.000452	0.000285	0.001541	0.002278	0.000406	8.52E-05	0	0.000492	0.001139	0.004402	0.006033	131.8296	19.94037	0	151.77	0.304913
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Gasoline	1923.357089	179245.7	179245.7	0	7693.428356	0	0.003319	0	0.002329	0.005649	0.000215	0	1.13E-06	0.000216	0.000395	0.006293	0.006904	0.000233	0	1.23E-06	0.000235	0.001581	0.01798	0.019795	136.0254	0	0.289548	136.315	0.000167
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Diesel	67.50585049	3672.363	3672.363	0	270.023402	0	0.000815	0	0	0.000815	6.16E-05	0	0	6.16E-05	1.21E-05	0.000129	0.000203	6.44E-05	0	0	6.44E-05	4.86E-05	0.000368	0.000481	2.676834	0	0	2.676834	1.84E-05
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Electricity	16876.09552	1854150	0	1854150	67504.38208	3587654	0	0	0	0	0	0	0	0	0.016071	0.039344	0.055415	0	0	0	0	0.064283	0.112412	0.176695	0	0	0	0	0
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Natural Gas	253.3101394	18444.73	18444.73	0	1013.240558	0	0.003054	0	0	0.003054	0.000227	0	0	0.000227	6.1E-05	0.000648	0.000936	0.000238	0	0	0.000238	0.000244	0.00185	0.002332	12.44155	0	0	12.44155	5.62E-05
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Gasoline	32.50381382	3850.651	3850.651	0	650.3363069	0	0.00912	0	0.00063	0.00975	4.95E-06	0	3.34E-07	5.28E-06	2.12E-05	0.000136	0.000162	5.38E-06	0	3.63E-07	5.74E-06	8.49E-05	0.000388	0.000479	7.236882	0	0.030731	7.267614	0.000344
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Diesel	421413.96	63975214	63975214	0	7376962.552	0	87.70611	32.74932	20.23232	140.6877	1.812313	0.013362	0	1.825675	0.630102	2.04123	4.497007	1.894257	0.013967	0	1.908224	2.520409	5.832085	10.26072	89300	6168.448	0	95468.45	0.035761
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Electricity	110107.9193	10905645	0	10905645	1409730.78	19889654	0	0	0	0	0	0	0	0	0.103659	0.183629	0.287288	0	0	0	0	0.414636	0.524655	0.939291	0	0	0	0	0
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Natural Gas	19741.62456	1231646	1231646	0	152974.602	0	0.31594	0.184036	0	0.499976	0.002013	0.000648	0	0.00266	0.012219	0.069117	0.083996	0.002189	0.000704	0	0.002893	0.048876	0.197476	0.249245	1503.581	195.5224	0	1699.104	1.017521
Statewide Totals	2046	LDA	Aggregate	Aggregate	Gasoline	12804509.52	4.98E+08	4.98E+08	0	59560592.46	0	10.71638	0	10.46191	21.17829	0.265924	0	0.049543	0.315467	1.097771	1.471146	2.884384	0.289217	0	0.053883	0.3431	4.391083	4.203274	8.937457	125401.4	0	3515.108	128916.5	0.572766
Statewide Totals	2046	LDA	Aggregate	Aggregate	Diesel	8673.865824	297992.7	297992.7	0	38363.45109	0	0.006866	0	0	0.006866	0.000419	0	0	0.000419	0.000657	0.000883	0.001959	0.000438	0	0	0.000438	0.002628	0.002522	0.005588	60.95116	0	0	60.95116	8.59E-05
Statewide Totals	2046	LDA	Aggregate	Aggregate	Electricity	1754491.224	70184477	0	70184477	8245683.969	27097001	0	0	0	0	0	0	0	0	0.15473	0.118938	0.273669	0	0	0	0	0.618921	0.339824	0.958745	0	0	0	0	0
Statewide Totals	2046	LDA	Aggregate	Aggregate	Plug-in Hybrid	600699.5605	23683755	9666741	14017014	2483892.683	4233556	0.070718	0	0.310877	0.381595	0.005182	0	0.002156	0.007337	0.052214	0.036893	0.096444	0.005635	0	0.002345	0.00798	0.208855	0.105407	0.322242	3058.166	0	151.9377	3210.103	0.009889
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Gasoline	975118.7805	34797982	34797982	0	4392619.278	0	0.834759	0	0.857508	1.692267	0.020856	0	0.004113	0.024968	0.076716	0.124825	0.22651	0.022682	0	0.004473	0.027155	0.306866	0.356644	0.690665	10194.6	0	303.9565	10498.55	0.044554
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Diesel	10.83869272	405.8971	405.8971	0	50.10631782	0	1.45E-05	0	0	1.45E-05	1.88E-06	0	0	1.88E-06	8.95E-07	1.44E-06	4.22E-06	1.97E-06	0	0	1.97E-06	3.58E-06	4.12E-06	9.67E-06	0.154314	0	0	0.154314	3.16E-07
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Electricity	27972.69064	1106097	0	1106097	131443.7602	427044.6	0	0	0	0	0	0	0	0	0.002439	0.001876	0.004314	0	0	0	0	0.009754	0.005359	0.015113	0	0	0	0	0
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Plug-in Hybrid	21373.45539	828213.1	337166.2	491046.9	88379.23802	148310.8	0.002472	0	0.011047	0.013519	0.000177	0	7.26E-05	0.00025	0.001826	0.001294	0.00337	0.000193	0	7.9E-05	0.000272	0.007304	0.003698	0.011273	106.9993	0	6.189259	113.1886	0.000346
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Gasoline	7684536.352	2.87E+08	2.87E+08	0	35428337.39	0	7.227845	0	7.887428	15.11527	0.15983	0	0.030424	0.190254	0.633563	1.01461	1.838427	0.173829	0	0.033089	0.206919	2.534252	2.898884	5.640055	87023.15	0	2568.468	89591.62	0.445628
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Diesel	29286.17341	1099710	1099710	0	135420.5057	0	0.036176	0	0	0.036176	0.00496	0	0	0.00496	0.002424	0.00388	0.011264	0.005184	0	0	0.005184	0.009698	0.011084	0.025967	309.4743	0	0	309.4743	0.00084
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Electricity	300491.9471	8271149	0	8271149	1415192.01	3193346	0	0	0	0	0	0	0	0	0.018235	0.014025	0.03226	0	0	0	0	0.072939	0.040071	0.11301	0	0	0	0	0
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Plug-in Hybrid	206295.7657	7876064	3211795	4664269	853032.9912	1408748	0.023528	0	0.106734	0.130262	0.001709	0	0.000717	0.002426	0.017364	0.012296	0.032085	0.001859	0	0.000779	0.002638	0.069455	0.035131	0.107224	1017.852	0	62.80282	1080.655	0.003281
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Gasoline	330696.5451	11510323	11510323	0	4926885.785	0	0.252339	0.00904	2.208994	2.470373	0.013731	0	0.000538	0.014269	0.025376	0.346381	0.386026	0.014934	0	0.000585	0.015519	0.101504	0.989661	1.106683	7987.185	39.22083	128.1258	8154.532	0.011156
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Diesel	238146.9872	8034848	8034848	0	2995589.51	0	2.265249	0.264073	0	2.529322	0.134914	0.006915	0	0.141828	0.026571	0.241793	0.410193	0.141014	0.007227	0	0.148241	0.106283	0.690839	0.945363	4717.156	30.50145	0	4747.658	0.027894
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Electricity	371462.7683	16102784	0	16102784	5193296.763	9777073	0	0	0	0	0	0	0	0	0.035501	0.242291	0.277792	0	0	0	0	0.142002	0.692261	0.834263	0	0	0	0	0
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Gasoline	42220.34197	1421618	1421618	0	629020.187	0	0.035028	0.001007	0.241894	0.277929	0.00167	0	6.23E-05	0.001733	0.003134	0.049911	0.054778	0.001817	0	6.78E-05	0.001884	0.012537	0.142603	0.157024	1093.764	5.767661	16.08933	1115.621	0.001197
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Diesel	118177.7911	3803702	3803702	0	1486527.945	0	1.577182	0.143319	0	1.720502	0.082568	0.00342	0	0.085988	0.012579	0.133543	0.232109	0.086301	0.003575	0	0.089876	0.050314	0.381551	0.521741	2615.567	24.75586	0	2640.323	0.016719
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Electricity	95925.31979	4012375	0	4012375	1269396.812	2409755	0	0	0	0	0	0	0	0	0.008846	0.070434	0.07928	0	0	0	0	0.035383	0.201241	0.236624	0	0	0	0	0
Statewide Totals	2046	MCY	Aggregate	Aggregate	Gasoline	759992.5831	4115081	4115081	0	1519985.166	0	2.135102	0	0.116944	2.252046	0.00973	0	0.005474	0.015204	0.004536	0.019052	0.038792	0.010437	0	0.005868	0.016305	0.018144	0.054433	0.088883	856.1992	0	62.15853	918.3578	0.63704
Statewide Totals	2046	MDV	Aggregate	Aggregate	Gasoline	4502081.968	1.62E+08	1.62E+08	0	20549502.04	0	4.542771	0	4.974831	9.517602	0.091911	0	0.018182	0.110093	0.357462	0.580632	1.048187	0.099962	0	0.019775	0.119736	1.429848	1.658949	3.208534	59584.82	0	1820.59	61405.41	0.268828
Statewide Totals	2046	MDV	Aggregate	Aggregate	Diesel	50590.64237	1779337	1779337	0	228813.3197	0	0.027446	0	0	0.027446	0.002144	0	0	0.002144	0.003923	0.006389	0.012456	0.002241	0	0	0.002241	0.015691	0.018255	0.036186	654.7311	0	0	654.7311	0.00051
Statewide Totals	2046	MDV	Aggregate	Aggregate	Electricity	276324.9368	7510261	0	7510261	1295523.039	2899581	0	0	0	0	0	0	0	0	0.016557	0.01275	0.029307	0	0	0	0	0.066229	0.036429	0.102658	0	0	0	0	0
Statewide Totals	2046	MDV	Aggregate	Aggregate	Plug-in Hybrid	130972.5405	4851755	1979722	2872032	541571.4549	867439.4	0.014491	0	0.067752	0.082243	0.001069	0	0.000465	0.001534	0.010696	0.007578	0.019808	0.001162	0	0.000506	0.001668	0.042785	0.021651	0.066105	627.0245	0	48.55435	675.5789	0.002013
Statewide Totals	2046	MH	Aggregate	Aggregate	Gasoline	45868.11114	487778.4	487778.4	0	4588.645838	0	0.108342	0	0.001919	0.110261	0.000626	0	1.71E-06	0.000628	0.001613	0.008277	0.010518	0.000681	0	1.87E-06	0.000683	0.006452	0.023649	0.030785	995.7939	0	0.151464	995.9453	0.001907
Statewide Totals	2046	MH	Aggregate	Aggregate	Diesel	30232.52693	280295.5	280295.5	0	3023.252693	0	0.69087	0	0	0.69087	0.007935	0	0	0.007935	0.001236	0.004737	0.013907	0.008293	0	0	0.008293	0.004944	0.013533	0.02677	323.7982	0	0	323.7982	0.000869
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Gasoline	23246.83257	1125280	1125280	0	465122.6261	0	0.083398	0.001499	0.188468	0.273364	0.001457	0	0.000235	0.001692	0.003721	0.019084	0.024497	0.001584	0	0.000256	0.00184	0.014885	0.054526	0.071251	1821.918	11.98617	19.1464	1853.051	0.003238

Statewide Totals	2046	MHDT	Aggregate	Aggregate	Diesel	233657.407	9912056	9912056	0	2835942.56	0	3.149311	1.710195	3.625597	8.485103	0.039107	0.000652	0	0.039759	0.032779	0.16868	0.241217	0.040875	0.000681	0	0.041557	0.131114	0.481943	0.654613	10770.72	486.1081	0	11256.83	0.002934
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Electricity	226955.9651	10362958	0	10362958	2898561.796	11059377	0	0	0	0	0	0	0	0	0.03427	0.088372	0.122642	0	0	0	0	0.137078	0.252492	0.38957	0	0	0	0	0
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Natural Gas	3721.745652	149308.3	149308.3	0	34192.81781	0	0.009878	0.025933	0	0.035812	0.000213	9.36E-05	0	0.000306	0.000494	0.002555	0.003355	0.000231	0.000102	0	0.000333	0.001975	0.007299	0.009607	141.7935	22.16515	0	163.9587	0.110064
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Gasoline	5688.935354	180676	180676	0	113824.2186	0	0.053095	0.000316	0.043775	0.097186	0.000214	0	3.26E-05	0.000247	0.000597	0.003084	0.003928	0.000233	0	3.55E-05	0.000268	0.00239	0.008812	0.01147	298.4947	2.186519	3.481971	304.1632	0.000838
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Diesel	12219.61389	791938.5	791938.5	0	143398.8285	0	0.702503	0.070949	0.150937	0.92439	0.010265	6E-05	0	0.010325	0.002619	0.019	0.031944	0.010729	6.27E-05	0	0.010792	0.010476	0.054285	0.075553	1052.496	28.36623	0	1080.862	0.000682
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Electricity	3257.834199	207131.5	0	207131.5	65182.74666	224146	0	0	0	0	0	0	0	0	0.000685	0.001767	0.002452	0	0	0	0	0.00274	0.005049	0.007789	0	0	0	0	0
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Natural Gas	1061.885164	54015.59	54015.59	0	9450.777957	0	0.005083	0.001752	0	0.006835	7.21E-05	5.7E-06	0	7.78E-05	0.000179	0.000927	0.001184	7.84E-05	6.2E-06	0	8.46E-05	0.000715	0.00265	0.003449	48.84318	1.355598	0	50.19878	0.039854
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Gasoline	4167.674824	211728	211728	0	16670.69929	0	0.03316	0.003168	0.013663	0.049991	0.000302	0	1.41E-05	0.000316	0.000467	0.00374	0.004523	0.000328	0	1.53E-05	0.000343	0.001867	0.010686	0.012897	180.5231	10.93249	0.930787	192.3864	0.000532
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Diesel	10454.2095	214492.6	214492.6	0	151376.9536	0	0.085718	0.073784	0.104159	0.263661	0.000752	2.66E-05	0	0.000778	0.000709	0.003749	0.005237	0.000786	2.78E-05	0	0.000814	0.002837	0.010713	0.014363	250.6942	21.46853	0	272.1628	8.12E-05
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Electricity	11649.81587	339689	0	339689	147369.3637	371479.2	0	0	0	0	0	0	0	0	0.001012	0.002993	0.004005	0	0	0	0	0.004049	0.00855	0.012599	0	0	0	0	0
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Natural Gas	4015.343338	82017.45	82017.45	0	58142.17153	0	0.025071	0.022248	0	0.047319	0.000356	7.61E-05	0	0.000432	0.000271	0.001467	0.00217	0.000387	8.27E-05	0	0.00047	0.001085	0.004191	0.005746	124.2193	18.9437	0	143.163	0.283109
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Gasoline	1954.198486	182692.7	182692.7	0	7816.793945	0	0.003502	0	0.002411	0.005913	0.000218	0	1.15E-06	0.00022	0.000403	0.006414	0.007036	0.000238	0	1.25E-06	0.000239	0.001611	0.018326	0.020176	138.3049	0	0.295416	138.6003	0.000174
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Diesel	67.54150283	3674.544	3674.544	0	270.1660113	0	0.000797	0	0	0.000797	5.88E-05	0	0	5.88E-05	1.22E-05	0.000129	0.0002	6.15E-05	0	0	6.15E-05	4.86E-05	0.000369	0.000479	2.678425	0	0	2.678425	1.82E-05
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Electricity	17189.45111	1890981	0	1890981	68757.80446	3662509	0	0	0	0	0	0	0	0	0.0164	0.040126	0.056525	0	0	0	0	0.065599	0.114645	0.180244	0	0	0	0	0
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Natural Gas	258.7507639	18867.61	18867.61	0	1035.003056	0	0.003064	0	0	0.003064	0.000225	0	0	0.000225	6.24E-05	0.000662	0.000949	0.000235	0	0	0.000235	0.00025	0.001893	0.002377	12.70155	0	0	12.70155	5.68E-05
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Gasoline	31.59967794	3771.892	3771.892	0	632.2463562	0	0.00908	0	0.000788	0.009868	4.85E-06	0	3.25E-07	5.18E-06	2.08E-05	0.000133	0.000159	5.27E-06	0	3.54E-07	5.63E-06	8.32E-05	0.000381	0.00047	7.072717	0	0.029802	7.10252	0.000337
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Diesel	430170.2445	65655403	65655403	0	7560783.631	0	89.72814	33.6358	20.66499	144.0289	1.860991	0.013712	0	1.874703	0.646764	2.095132	4.616599	1.945137	0.014332	0	1.959469	2.587056	5.986092	10.53262	91490.12	6332.162	0	97822.28	0.036607
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Electricity	115349.5172	11307627	0	11307627	1472961.735	20623307	0	0	0	0	0	0	0	0	0.107451	0.190388	0.297839	0	0	0	0	0.429803	0.543966	0.973769	0	0	0	0	0
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Natural Gas	19648.73257	1228502	1228502	0	153338.049	0	0.28817	0.184873	0	0.473043	0.001985	0.000656	0	0.002641	0.012188	0.068589	0.083418	0.002159	0.000713	0	0.002872	0.048751	0.195969	0.247592	1495.86	195.6789	0	1691.538	1.000569
Statewide Totals	2047	LDA	Aggregate	Aggregate	Gasoline	12843642.51	4.99E+08	4.99E+08	0	59748937.62	0	10.68582	0	10.43551	21.12134	0.26345	0	0.048853	0.312302	1.099377	1.473072	2.884751	0.286526	0	0.053132	0.339657	4.397507	4.208776	8.94594	125464.3	0	3519.333	128983.7	0.571177
Statewide Totals	2047	LDA	Aggregate	Aggregate	Diesel	8536.526822	296041.4	296041.4	0	37907.43	0	0.005744	0	0	0.005744	0.000374	0	0	0.000374	0.000653	0.000877	0.001903	0.00039	0	0	0.00039	0.002611	0.002504	0.005505	60.34065	0	0	60.34065	8.17E-05
Statewide Totals	2047	LDA	Aggregate	Aggregate	Electricity	1768130.068	70439315	0	70439315	8302438.793	27195389	0	0	0	0	0	0	0	0	0.155292	0.119374	0.274667	0	0	0	0	0.621168	0.34107	0.962238	0	0	0	0	0
Statewide Totals	2047	LDA	Aggregate	Aggregate	Plug-in Hybrid	603321.3174	23717045	9673047	14043998	2494733.648	4241706	0.070758	0	0.312239	0.382997	0.005129	0	0.002133	0.007262	0.052287	0.036946	0.096495	0.005578	0	0.00232	0.007898	0.209149	0.105559	0.322606	3059.953	0	152.4329	3212.386	0.00989
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Gasoline	973713.3544	34759774	34759774	0	4391684.923	0	0.811769	0	0.844693	1.656461	0.020316	0	0.003984	0.0243	0.076632	0.124627	0.225559	0.022095	0	0.004333	0.026428	0.306529	0.356078	0.689035	10150.43	0	302.3879	10452.82	0.043618
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Diesel	10.9182919	408.0269	408.0269	0	50.49644924	0	1.32E-05	0	0	1.32E-05	1.86E-06	0	0	1.86E-06	9E-07	1.45E-06	4.21E-06	1.94E-06	0	0	1.94E-06	3.6E-06	4.15E-06	9.68E-06	0.154843	0	0	0.154843	3.15E-07
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Electricity	28661.71323	1121827	0	1121827	134293.1916	433117.6	0	0	0	0	0	0	0	0	0.002473	0.001903	0.004376	0	0	0	0	0.009893	0.005437	0.015329	0	0	0	0	0
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Plug-in Hybrid	21878.33342	840207.3	341989	498218.4	90466.90868	150476.8	0.002507	0	0.011308	0.013815	0.000179	0	7.4E-05	0.000253	0.001852	0.001313	0.003419	0.000195	0	8.04E-05	0.000275	0.007409	0.003752	0.011436	108.5201	0	6.333834	114.854	0.000351
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Gasoline	7712817.406	2.88E+08	2.88E+08	0	35555244.34	0	7.10505	0	7.853847	14.9589	0.157751	0	0.029961	0.187712	0.634538	1.016072	1.838322	0.171569	0	0.032586	0.204154	2.538151	2.903064	5.645369	87004.2	0	2570.911	89575.11	0.443289
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Diesel	29453.68852	1102373	1102373	0	136086.829	0	0.036193	0	0	0.036193	0.004973	0	0	0.004973	0.00243	0.003889	0.011292	0.005198	0	0	0.005198	0.009721	0.011112	0.026031	309.8169	0	0	309.8169	0.000841
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Electricity	305332.9262	8342011	0	8342011	1435095.016	3220705	0	0	0	0	0	0	0	0	0.018391	0.014147	0.032538	0	0	0	0	0.073564	0.040419	0.113983	0	0	0	0	0
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Plug-in Hybrid	208878.5397	7929851	3232366	4697485	863712.7618	1418780	0.023677	0	0.108074	0.131751	0.001708	0	0.000719	0.002427	0.017482	0.012381	0.03229	0.001857	0	0.000782	0.00264	0.069929	0.035373	0.107942	1024.278	0	63.55267	1087.83	0.003299
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Gasoline	322661.3783	11273489	11273489	0	4807173.772	0	0.231133	0.008723	2.137341	2.377197	0.013402	0	0.000498	0.0139	0.024854	0.339254	0.378008	0.014576	0	0.000542	0.015117	0.099415	0.969298	1.08383	7797.955	38.17076	124.7485	7960.874	0.010685
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Diesel	232434.435	7859622	7859622	0	2923732.79	0	2.029445	0.250429	0	2.279874	0.12892	0.006753	0	0.135673	0.025991	0.23652	0.398185	0.134749	0.007058	0	0.141807	0.103965	0.675773	0.921545	4604.423	29.65322	0	4634.076	0.026768
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Electricity	387121.4528	16539109	0	16539109	5411383.343	10043541	0	0	0	0	0	0	0	0	0.036462	0.248857	0.285319	0	0	0	0	0.14585	0.711019	0.856869	0	0	0	0	0
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Gasoline	41180.7265	1390305	1390305	0	613531.4656	0	0.032988	0.000964	0.23065	0.264602	0.001638	0	6.04E-05	0.001698	0.003065	0.048812	0.053575	0.001782	0	6.56E-05	0.001847	0.01226	0.139462	0.15357	1066.404	5.608383	15.65842	1087.671	0.00115
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Diesel	116050.0945	3730798	3730798	0	1459764.198	0	1.440563	0.138183	0	1.578746	0.080169	0.003361	0	0.083529	0.012338	0.130983	0.22685	0.083793	0.003513	0	0.087306	0.04935	0.374238	0.510894	2561.426	24.24406	0	2585.67	0.016239
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Electricity	100118.2661	4127821	0	4127821	1324786.909	2479318	0	0	0	0	0	0	0	0	0.0091	0.072461	0.081561	0	0	0	0	0.036401	0.207032	0.243433	0	0	0	0	0
Statewide Totals	2047	MCY	Aggregate	Aggregate	Gasoline	758448.1149	4112391	4112391	0	1516896.23	0	2.122264	0	0.11109	2.233354	0.00973	0	0.005442	0.015172	0.004533	0.019039	0.038745	0.010437	0	0.005836	0.016274	0.018133	0.054398	0.088804	855.1987	0	61.02188	916.2206	0.633082
Statewide Totals	2047	MDV	Aggregate	Aggregate	Gasoline	4508447.797	1.62E+08	1.62E+08	0	20591945.09	0	4.297313	0	4.849221	9.146534	0.09009	0	0.01771	0.1078	0.357704	0.580921	1.046424	0.097981	0	0.019261	0.117242	1.430814	1.659773	3.207829	59479.3	0	1817.02	61296.32	0.262164
Statewide Totals	2047	MDV	Aggregate	Aggregate	Diesel	50580.40684	1776959	1776959	0	228733.3382	0	0.026858	0	0	0.026858	0.002066	0	0	0.002066	0.003918	0.006378	0.012361	0.002159	0	0	0.002159	0.01567	0.018223	0.036052	652.159	0	0	652.159	0.000502
Statewide Totals	2047	MDV	Aggregate	Aggregate	Electricity	280743.1857	7571629	0	7571629	1313425.042	2923274	0	0	0	0	0	0	0	0	0.016693	0.012856	0.029548	0	0	0	0	0.06677	0.03673	0.1035	0	0	0	0	0
Statewide Totals	2047	MDV	Aggregate	Aggregate	Plug-in Hybrid	132793.5181	4888856	1993727	2895129	549101.1975	874415.4	0.014593	0	0.068696	0.083289	0.001066	0	0.000466	0.001533	0.010778	0.007637	0.019948	0.00116	0	0.000507	0.001667	0.043112	0.021819	0.066598	631.4141	0	49.18921	680.6033	0.002025
Statewide Totals	2047	MH	Aggregate	Aggregate	Gasoline	45656.40023	486205.6	486205.6	0	4567.466279	0	0.113125	0	0.001875	0.115	0.000626	0	1.72E-06	0.000628	0.001608	0.008251	0.010486	0.000681	0	1.87E-06	0.000683	0.006431	0.023573	0.030687	992.5997	0	0.150795	992.7505	0.001902
Statewide Totals	2047	MH	Aggregate	Aggregate	Diesel	30011.04793	278797.7	278797.7	0	3001.104793	0	0.674237	0	0	0.674237	0.007179	0	0	0.007179	0.001229	0.004711	0.01312	0.007504	0	0	0.007504	0.004917	0.01346	0.025881	322.1066	0	0	322.1066	0.000848
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Gasoline	22599.92434	1098904	1098904	0	452179.2862	0	0.078953	0.001439	0.193046	0.273439	0.001425	0	0.00023	0.001655	0.003634	0.018638	0.023926	0.00155	0	0.00025	0.0018	0.014536	0.05325	0.069586	1774.664	11.60109	18.54128	1804.806	0.003211
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Diesel	232960.095	9950946	9950946	0	2831342.298	0	3.073994	1.684273	3.579153	8.33742	0.038902	0.000643	0	0.039545	0.032907	0.169315	0.241768	0.040661	0.000672	0	0.041333	0.131628	0.483758	0.65672	10776.18	481.8208	0	11258	0.002905
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Electricity	238404.1759	10789888	0	10789888	3043445.15	11513336	0	0	0	0	0	0	0	0	0.035681	0.092014	0.127696	0	0	0	0	0.142726	0.262897	0.405623	0	0	0	0	0
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Natural Gas	3686.249788	148552.2	148552.2	0	34010.69494	0	0.00966	0.025614	0	0.035274	0.000213	9.29E-05	0	0.000305	0.000491	0.002541	0.003338	0.000231	0.000101	0	0.000332	0.001965	0.007261	0.009558	140.8743	21.90771	0	162.782	0.109576
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Gasoline	5443.249389	175649.6	175649.6	0	108908.5338	0	0.050793	0.000299	0.041926	0.093017	0.000208	0	3.06E-05	0.000238	0.000581	0.002998	0.003817	0.000226	0	3.33E-05	0.000259	0.002323	0.008566	0.011149	288.9614	2.079849	3.272323	294.3136	0.00065
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Diesel	12280.66607	794343.3	794343.3	0	144189.7664	0	0.682188	0.069662	0.14926	0.901111	0.009736	5.77E-05	0	0.009794	0.002627	0.01908	0.0315	0.010176	6.03E-05	0	0.010236	0.010507	0.054514	0.075258	1054.571	28.47374	0	1083.044	0.000602
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Electricity	3363.16616	210851.5	0	210851.5	67290.22853	228181.2	0	0	0	0	0	0	0	0	0.000697	0.001799	0.002496	0	0	0	0	0.002789	0.00514	0.007929	0	0	0	0	0
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Natural Gas	1071.199437	54283.78	54283.78	0	9533.674985	0	0.005066	0.001767	0	0.006832	7.27E-05	5.77E-06	0	7.84E-05	0.00018	0.000932	0.00119	7.9E-05	6.27E-06	0	8.53E-05	0.000718	0.002663	0.003466	49.03309	1.366342	0	50.39943	0.040092
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Gasoline	3857.610626	195023.8	195023.8	0	15430.4425	0	0.028984	0.002819	0.011891	0.043694	0.000282	0	1.32E-05	0.000295	0.00043	0.003446	0.004171	0.000307	0	1.44E-05	0.000321	0.00172	0.009846	0.011887	164.9865	10.03969	0.860338	175.8866	0.000499
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Diesel	9961.556812	205141.4	205141.4	0	144243.3426	0	0.075865	0.067137	0.095785	0.238787	0.000696	2.53E-05	0	0.000721	0.000678	0.003586	0.004986	0.000728	2.65E-05	0	0.000754	0.002714	0.010246	0.013713	238.6343	20.29132	0	258.9256	7.41E-05
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Electricity	12386.30282	358897	0	358897	156764.2572	392491	0	0	0	0	0	0	0	0	0.001069	0.003162	0.004231	0	0	0	0	0.004278	0.009034	0.013311	0	0	0	0	0
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Natural Gas	3795.50629	77973.98	77973.98	0	54958.93108	0	0.021214	0.020958	0	0.042172	0.000338	7.36E-05	0	0.000412	0.000258	0.001395	0.002064	0.000368	8.01E-05	0	0.000448	0.001031	0.003985	0.005464	116.9669	17.95465	0	134.9216	0.262863
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Gasoline	1985.026492	186139.1	186139.1	0	7940.105969	0	0.003675	0	0.002513	0.006188	0.000222	0	1.17E-06	0.000224	0.00041	0.006535	0.007169	0.000242	0	1.27E-06	0.000243	0.001641	0.018672	0.020556	140.5842	0	0.301716	140.8859	0.000183
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Diesel	67.57615202	3676.673	3676.673	0	270.3046081	0	0.000808	0	0	0.000808	6.05E-05	0	0	6.05E-05	1.22E-05	0.000129	0.000202	6.32E-05	0	0	6.32E-05	4.86E-05	0.000369	0.000481	2.679978	0	0	2.679978	1.83E-05
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Electricity	17502.61423	1927793	0	1927793	70010.4569	3737329	0	0	0	0	0	0	0	0	0.016729	0.040907	0.057635	0	0	0	0	0.066914	0.116877	0.183791	0	0	0	0	0
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Natural Gas	264.188019	19290.35	19290.35	0	1056.752076	0	0.003146	0	0	0.003146	0.000232	0	0	0.000232	6.38E-05	0.000677	0.000973	0.000242	0	0	0.000242	0.000255	0.001935	0.002432	12.96142	0	0	12.96142	5.79E-05
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Gasoline	30.79586894	3706.589	3706.589	0	616.1637457	0	0.009235	0	0.000936	0.01017	4.77E-06	0	3.18E-07	5.09E-06	2.04E-05	0.000131	0.000157	5.19E-06	0	3.46E-07	5.53E-06	8.17E-05	0.000375	0.000462	6.938747	0	0.028941	6.967688	0.000332
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Diesel	439453.9901	67407269	67407269	0	7753031.143	0	91.93376	34.56375	21.12935	147.6269	1.912115	0.01408	0	1.926196	0.664126	2.151195	4.741517	1.998573	0.014717	0	2.01329	2.656505	6.146271	10.81607	93792.47	6503.258	0	100295.7	0.037515
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Electricity	120457.3022	11701637	0	11701637	1534955.62	21342331	0	0	0	0	0	0	0	0	0.111168	0.196975	0.308142	0	0	0	0	0.444671	0.562784	1.007456	0	0	0	0	0
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Natural Gas	19583.43281	1227113	1227113	0	153933.5117	0	0.272751	0.186027	0	0.458778	0.001962	0.000665	0	0.002627	0.012174	0.068159	0.082959	0.002134	0.000723	0	0.002857	0.048696	0.194739	0.246291	1490.946	196.1517	0	1687.097	0.987809
Statewide Totals	2048	LDA	Aggregate	Aggregate	Gasoline	12881526.52	4.99E+08	4.99E+08	0	59931086.61	0	10.66294	0	10.41773	21.08067	0.261531	0	0.048291	0.309822	1.100887	1.474867	2.885576	0.284439	0	0.052521	0.33696	4.403547	4.213906	8.954413	125539.6	0	3524.253	129063.9	0.569993
Statewide Totals	2048	LDA	Aggregate	Aggregate	Diesel	8400.79386	294377.6	294377.6	0	37480.52689	0	0.004532	0	0	0.004532	0.000328	0	0	0.000328	0.000649	0.000871	0.001849	0.000343	0	0	0.000343	0.002596	0.002489	0.005428	59.81339	0	0	59.81339	7.77E-05
Statewide Totals	2048	LDA	Aggregate	Aggregate	Electricity	1780563.75	70660763	0	70660763	8354000.547	27280886	0	0	0	0	0	0	0	0	0.15578	0.119754	0.275534	0	0	0	0	0.623121	0.342153	0.965274	0	0	0	0	0
Statewide Totals	2048	LDA	Aggregate	Aggregate	Plug-in Hybrid	605880.9847	23749606	9680758	14068848	2505317.872	4249211	0.070809	0	0.313568	0.384377	0.005089	0	0.002116	0.007205	0.052359	0.036997	0.096561	0.005534	0	0.002302	0.007836	0.209436	0.105706	0.322978	3062.182	0	152.9465	3215.128	0.009893
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Gasoline	974120.3597	34748220	34748220	0	4395774.051	0	0.800481	0	0.838348	1.638829	0.019912	0	0.003891	0.023803	0.076607	0.124542	0.224952	0.021656	0	0.004232	0.025888	0.306427	0.355834	0.688149	10121.47	0	301.528	10423	0.043097
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Diesel	11.04964407	410.5562	410.5562	0	51.00364217	0	1.33E-05	0	0	1.33E-05	1.87E-06	0	0	1.87E-06	9.05E-07	1.46E-06	4.24E-06	1.96E-06	0	0	1.96E-06	3.62E-06	4.18E-06	9.75E-06	0.155705	0	0	0.155705	3.17E-07
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Electricity	29301.57356	1135566	0	1135566	136895.6966	438422.1	0	0	0	0	0	0	0	0	0.002503	0.001926	0.00443	0	0	0	0	0.010014	0.005504	0.015518	0	0	0	0	0
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Plug-in Hybrid	22339.19061	850771.9	346237.1	504534.9	92372.55316	152384.6	0.002538	0	0.011547	0.014084	0.000181	0	7.52E-05	0.000256	0.001876	0.00133	0.003461	0.000197	0	8.17E-05	0.000278	0.007503	0.003799	0.01158	109.8587	0	6.465815	116.3245	0.000355
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Gasoline	7739565.304	2.88E+08	2.88E+08	0	35675836.83	0	6.984213	0	7.819159	14.80337	0.156002	0	0.02957	0.185573	0.635431	1.017398	1.838402	0.169667	0	0.03216	0.201827	2.541725	2.906853	5.650405	86992.57	0	2573.58	89566.15	0.441001
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Diesel	29613.26334	1104818	1104818	0	136717.9682	0	0.036209	0	0	0.036209	0.004985	0	0	0.004985	0.002436	0.003898	0.011319	0.00521	0	0	0.00521	0.009743	0.011137	0.02609	310.1568	0	0	310.1568	0.000843
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Electricity	309658.2806	8401845	0	8401845	1452708.497	3243806	0	0	0	0	0	0	0	0	0.018523	0.014249	0.032772	0	0	0	0	0.074092	0.040712	0.114804	0	0	0	0	0
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Plug-in Hybrid	211210.7467	7976384	3250195	4726189	873356.4375	1427450	0.023805	0	0.109285	0.13309	0.001707	0	0.000722	0.00243	0.017585	0.012454	0.032468	0.001857	0	0.000785	0.002642	0.07034	0.035583	0.108565	1029.835	0	64.23132	1094.066	0.003314
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Gasoline	314412.013	11049044	11049044	0	4684270.52	0	0.207761	0.008394	2.062981	2.279136	0.013076	0	0.000452	0.013528	0.024359	0.3325	0.370387	0.014221	0	0.000492	0.014713	0.097436	0.95	1.062149	7616.127	37.08971	121.3532	7774.569	0.010195
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Diesel	226894.2024	7696446	7696446	0	2854043.633	0	1.810357	0.237606	0	2.047963	0.123518	0.006596	0	0.130114	0.025452	0.23161	0.387175	0.129103	0.006894	0	0.135997	0.101807	0.661743	0.899546	4499.892	28.83832	0	4528.73	0.025756
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Electricity	401792.2394	16933675	0	16933675	5615569.475	10284695	0	0	0	0	0	0	0	0	0.037332	0.254793	0.292126	0	0	0	0	0.149329	0.727981	0.877311	0	0	0	0	0
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Gasoline	40213.84762	1361922	1361922	0	599126.4109	0	0.031208	0.000924	0.220597	0.252729	0.001608	0	5.84E-05	0.001666	0.003003	0.047815	0.052484	0.001749	0	6.35E-05	0.001812	0.01201	0.136615	0.150437	1041.823	5.460929	15.25948	1062.543	0.001109
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Diesel	113892.3052	3661127	3661127	0	1432621.923	0	1.302154	0.133035	0	1.435189	0.077802	0.0033	0	0.081103	0.012107	0.128537	0.221747	0.08132	0.00345	0	0.08477	0.048428	0.367249	0.500447	2509.966	23.72798	0	2533.694	0.015769
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Electricity	104076.0619	4233241	0	4233241	1377068.271	2542879	0	0	0	0	0	0	0	0	0.009333	0.074312	0.083644	0	0	0	0	0.037331	0.212319	0.24965	0	0	0	0	0
Statewide Totals	2048	MCY	Aggregate	Aggregate	Gasoline	755953.0931	4109030	4109030	0	1511906.186	0	2.109167	0	0.104612	2.213779	0.009726	0	0.005398	0.015125	0.004529	0.019024	0.038678	0.010434	0	0.005791	0.016225	0.018118	0.054353	0.088696	854.0605	0	59.71912	913.7796	0.629077
Statewide Totals	2048	MDV	Aggregate	Aggregate	Gasoline	4513466.092	1.62E+08	1.62E+08	0	20630333.87	0	4.10182	0	4.750538	8.852358	0.088437	0	0.017272	0.105709	0.357896	0.581115	1.044721	0.096183	0	0.018785	0.114969	1.431583	1.66033	3.206881	59380.41	0	1813.759	61194.17	0.256469
Statewide Totals	2048	MDV	Aggregate	Aggregate	Diesel	50618.38613	1775554	1775554	0	228830.7278	0	0.026351	0	0	0.026351	0.002002	0	0	0.002002	0.003914	0.006371	0.012287	0.002092	0	0	0.002092	0.015658	0.018203	0.035953	650.2453	0	0	650.2453	0.000496
Statewide Totals	2048	MDV	Aggregate	Aggregate	Electricity	284699.4761	7623808	0	7623808	1329324.697	2943419	0	0	0	0	0	0	0	0	0.016808	0.012945	0.029753	0	0	0	0	0.06723	0.036987	0.104217	0	0	0	0	0
Statewide Totals	2048	MDV	Aggregate	Aggregate	Plug-in Hybrid	134430.2591	4920891	2005856	2915035	555869.1214	880427.5	0.01468	0	0.069544	0.084225	0.001064	0	0.000467	0.001532	0.010849	0.007687	0.020068	0.001158	0	0.000508	0.001666	0.043395	0.021964	0.067025	635.2085	0	49.76143	684.9699	0.002036
Statewide Totals	2048	MH	Aggregate	Aggregate	Gasoline	45493.78799	484925.7	484925.7	0	4551.198551	0	0.116416	0	0.001843	0.118259	0.000626	0	1.72E-06	0.000627	0.001604	0.008229	0.01046	0.000681	0	1.87E-06	0.000682	0.006414	0.023512	0.030608	990.0136	0	0.149255	990.1629	0.001723
Statewide Totals	2048	MH	Aggregate	Aggregate	Diesel	29812.72854	277456.7	277456.7	0	2981.272854	0	0.663457	0	0	0.663457	0.006453	0	0	0.006453	0.001223	0.004688	0.012365	0.006745	0	0	0.006745	0.004893	0.013395	0.025033	320.5971	0	0	320.5971	0.000834
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Gasoline	22010.41905	1076293	1076293	0	440384.4644	0	0.076066	0.001386	0.201544	0.278996	0.001398	0	0.000225	0.001624	0.003559	0.018255	0.023438	0.001521	0	0.000245	0.001766	0.014237	0.052157	0.06816	1734.308	11.25154	17.92229	1763.482	0.00309
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Diesel	232860.417	10014245	10014245	0	2834054.86	0	3.018786	1.665649	3.54702	8.231455	0.038829	0.000637	0	0.039466	0.033116	0.170366	0.242949	0.040585	0.000666	0	0.04125	0.132466	0.486761	0.660478	10811.64	478.9942	0	11290.63	0.002888
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Electricity	249502.5485	11199773	0	11199773	3183756.67	11949006	0	0	0	0	0	0	0	0	0.037037	0.095511	0.132548	0	0	0	0	0.148148	0.272888	0.421035	0	0	0	0	0
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Natural Gas	3655.215121	147997.8	147997.8	0	33868.34343	0	0.009473	0.025328	0	0.034802	0.000212	9.23E-05	0	0.000305	0.000489	0.002532	0.003326	0.000231	0.0001	0	0.000331	0.001958	0.007234	0.009523	140.1545	21.67597	0	161.8305	0.109222

Statewide Totals	2048	OBUS	Aggregate	Aggregate	Gasoline	5195.634222	171079	171079	0	103954.2495	0	0.046442	0.000281	0.041131	0.087854	0.000202	0	2.86E-05	0.00023	0.000566	0.00292	0.003716	0.000219	0	3.11E-05	0.00025	0.002263	0.008343	0.010857	280.2509	1.972193	3.048605	285.2717	0.000413
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Diesel	12329.55515	796676.3	796676.3	0	144886.3416	0	0.666819	0.068589	0.147444	0.882852	0.009321	5.62E-05	0	0.009378	0.002635	0.019158	0.03117	0.009743	5.88E-05	0	0.009802	0.010538	0.054736	0.075076	1056.694	28.59441	0	1085.289	0.000547
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Electricity	3460.713371	214064.7	0	214064.7	69241.95313	231668.5	0	0	0	0	0	0	0	0	0.000708	0.001826	0.002534	0	0	0	0	0.002832	0.005218	0.00805	0	0	0	0	0
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Natural Gas	1078.765189	54549.44	54549.44	0	9601.010185	0	0.005029	0.001778	0	0.006807	7.34E-05	5.83E-06	0	7.92E-05	0.00018	0.000937	0.001196	7.98E-05	6.35E-06	0	8.61E-05	0.000722	0.002676	0.003484	49.20358	1.374853	0	50.57844	0.040344
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Gasoline	3410.114064	171037.1	171037.1	0	13640.45626	0	0.022486	0.002329	0.009235	0.03405	0.000252	0	1.19E-05	0.000264	0.000377	0.003024	0.003665	0.000274	0	1.29E-05	0.000287	0.001508	0.00864	0.010435	142.7831	8.760324	0.746034	152.2894	0.000425
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Diesel	9478.428959	196050.7	196050.7	0	137247.6513	0	0.06848	0.060742	0.087562	0.216784	0.00065	2.41E-05	0	0.000674	0.000648	0.003427	0.00475	0.00068	2.52E-05	0	0.000705	0.002593	0.009792	0.01309	226.8553	19.15818	0	246.0134	6.9E-05
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Electricity	13115.11553	377615.5	0	377615.5	166046.7456	412964.3	0	0	0	0	0	0	0	0	0.001125	0.003327	0.004452	0	0	0	0	0.0045	0.009505	0.014005	0	0	0	0	0
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Natural Gas	3587.621934	74150.59	74150.59	0	51948.7656	0	0.018052	0.019749	0	0.037801	0.000322	7.1E-05	0	0.000393	0.000245	0.001326	0.001964	0.00035	7.73E-05	0	0.000427	0.000981	0.00379	0.005197	110.3089	17.00523	0	127.3142	0.244949
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Gasoline	2015.84928	189585.3	189585.3	0	8063.39712	0	0.003769	0	0.002576	0.006344	0.000226	0	1.19E-06	0.000227	0.000418	0.006656	0.007301	0.000246	0	1.29E-06	0.000247	0.001672	0.019017	0.020937	142.8629	0	0.306983	143.1699	0.000188
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Diesel	67.61099275	3678.838	3678.838	0	270.443971	0	0.000841	0	0	0.000841	6.58E-05	0	0	6.58E-05	1.22E-05	0.000129	0.000207	6.88E-05	0	0	6.88E-05	4.87E-05	0.000369	0.000486	2.681559	0	0	2.681559	1.87E-05
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Electricity	17815.62879	1964592	0	1964592	71262.51514	3812127	0	0	0	0	0	0	0	0	0.017057	0.041688	0.058745	0	0	0	0	0.06823	0.119108	0.187337	0	0	0	0	0
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Natural Gas	269.623218	19712.98	19712.98	0	1078.492872	0	0.003199	0	0	0.003199	0.000235	0	0	0.000235	6.52E-05	0.000692	0.000992	0.000246	0	0	0.000246	0.000261	0.001977	0.002484	13.22121	0	0	13.22121	5.89E-05
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Gasoline	30.09666332	3653.205	3653.205	0	602.1740397	0	0.009378	0	0.001096	0.010475	4.71E-06	0	3.12E-07	5.02E-06	2.01E-05	0.000129	0.000155	5.12E-06	0	3.4E-07	5.46E-06	8.05E-05	0.00037	0.000456	6.827646	0	0.0282	6.855846	0.000327
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Diesel	449284.9345	69230433	69230433	0	7953882.813	0	94.27581	35.5318	21.62405	151.4317	1.965441	0.014466	0	1.979907	0.682186	2.209457	4.871549	2.054309	0.01512	0	2.06943	2.728742	6.312734	11.11091	96207.29	6681.832	0	102889.1	0.038466
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Electricity	125446.4612	12090648	0	12090648	1596041.778	22052136	0	0	0	0	0	0	0	0	0.11484	0.203431	0.318271	0	0	0	0	0.459358	0.581232	1.04059	0	0	0	0	0
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Natural Gas	19539.18328	1227040	1227040	0	154721.004	0	0.252785	0.187506	0	0.440292	0.001925	0.000675	0	0.0026	0.012173	0.067793	0.082566	0.002093	0.000734	0	0.002827	0.048693	0.193694	0.245214	1487.324	196.864	0	1684.188	0.97424
Statewide Totals	2049	LDA	Aggregate	Aggregate	Gasoline	12919645.1	5E+08	5E+08	0	60110739.73	0	10.67043	0	10.43808	21.10851	0.260303	0	0.048047	0.30835	1.10228	1.476515	2.887145	0.283103	0	0.052256	0.335359	4.40912	4.218615	8.963094	125619.5	0	3530.049	129149.6	0.5698
Statewide Totals	2049	LDA	Aggregate	Aggregate	Diesel	8340.151094	293325.9	293325.9	0	37269.88775	0	0.004048	0	0	0.004048	0.000306	0	0	0.000306	0.000647	0.000868	0.001821	0.00032	0	0	0.00032	0.002587	0.002479	0.005386	59.4737	0	0	59.4737	7.55E-05
Statewide Totals	2049	LDA	Aggregate	Aggregate	Electricity	1791983.696	70851900	0	70851900	8401164.915	27354681	0	0	0	0	0	0	0	0	0.156202	0.120081	0.276283	0	0	0	0	0.624807	0.343088	0.967895	0	0	0	0	0
Statewide Totals	2049	LDA	Aggregate	Aggregate	Plug-in Hybrid	608401.9785	23780700	9689184	14091516	2515742.181	4256058	0.070865	0	0.314877	0.385742	0.005059	0	0.002104	0.007163	0.052427	0.037046	0.096636	0.005502	0	0.002289	0.007791	0.20971	0.105845	0.323346	3064.637	0	153.4786	3218.116	0.009897
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Gasoline	975176.5208	34745438	34745438	0	4401690.942	0	0.798442	0	0.837	1.635442	0.019637	0	0.003833	0.02347	0.076601	0.124495	0.224566	0.021357	0	0.004169	0.025526	0.306403	0.355701	0.687629	10099.44	0	301.0047	10400.44	0.042894
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Diesel	11.16894434	412.7579	412.7579	0	51.46076962	0	1.34E-05	0	0	1.34E-05	1.89E-06	0	0	1.89E-06	9.1E-07	1.47E-06	4.27E-06	1.97E-06	0	0	1.97E-06	3.64E-06	4.2E-06	9.81E-06	0.156454	0	0	0.156454	3.19E-07
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Electricity	29884.14921	1147406	0	1147406	139239.6651	442993.3	0	0	0	0	0	0	0	0	0.00253	0.001947	0.004476	0	0	0	0	0.010118	0.005562	0.01568	0	0	0	0	0
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Plug-in Hybrid	22758.47811	860019.1	349955.4	510063.6	94106.307	154054.4	0.002565	0	0.011763	0.014328	0.000182	0	7.62E-05	0.000258	0.001896	0.001344	0.003499	0.000198	0	8.29E-05	0.000281	0.007584	0.003841	0.011706	111.0293	0	6.585903	117.6152	0.000358
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Gasoline	7763910.276	2.89E+08	2.89E+08	0	35788037.73	0	6.986967	0	7.849642	14.83661	0.154967	0	0.029383	0.18435	0.636205	1.018523	1.839079	0.168541	0	0.031957	0.200498	2.544821	2.910066	5.655384	86982.02	0	2576.537	89558.56	0.441045
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Diesel	29765.99648	1107047	1107047	0	137318.0417	0	0.036224	0	0	0.036224	0.004996	0	0	0.004996	0.002441	0.003906	0.011342	0.005222	0	0	0.005222	0.009762	0.01116	0.026144	310.485	0	0	310.485	0.000844
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Electricity	313518.3379	8451952	0	8451952	1468283.159	3263151	0	0	0	0	0	0	0	0	0.018633	0.014335	0.032969	0	0	0	0	0.074533	0.040958	0.115491	0	0	0	0	0
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Plug-in Hybrid	213316.4185	8016358	3265526	4750833	882063.3906	1434893	0.023915	0	0.110378	0.134293	0.001707	0	0.000725	0.002432	0.017673	0.012517	0.032622	0.001857	0	0.000788	0.002645	0.070692	0.035762	0.1091	1034.602	0	64.84508	1099.448	0.003327
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Gasoline	307225.5731	10853677	10853677	0	4577203.274	0	0.190703	0.008113	1.965786	2.164602	0.012898	0	0.000445	0.013343	0.023928	0.326621	0.363892	0.014028	0	0.000484	0.014512	0.095713	0.933202	1.043427	7459.654	36.153	118.3172	7614.124	0.009862
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Diesel	221609.6317	7546253	7546253	0	2787570.382	0	1.655677	0.225655	0	1.881331	0.117219	0.006446	0	0.123665	0.024955	0.22709	0.37571	0.122519	0.006738	0	0.129256	0.09982	0.648829	0.877905	4405.252	28.06698	0	4433.319	0.024647
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Electricity	415463.1781	17288144	0	17288144	5805701.696	10501519	0	0	0	0	0	0	0	0	0.038114	0.260127	0.298241	0	0	0	0	0.152455	0.74322	0.895675	0	0	0	0	0
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Gasoline	39291.47862	1335719	1335719	0	585384.4871	0	0.029677	0.000887	0.210203	0.240768	0.001583	0	5.74E-05	0.00164	0.002945	0.046895	0.05148	0.001721	0	6.24E-05	0.001784	0.011779	0.133986	0.147549	1019.295	5.321081	14.87763	1039.494	0.001075
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Diesel	111766.9808	3595643	3595643	0	1405888.016	0	1.20694	0.127999	0	1.334938	0.07406	0.003241	0	0.077301	0.011891	0.126238	0.21543	0.077409	0.003388	0	0.080796	0.047562	0.36068	0.489039	2461.017	23.22131	0	2484.238	0.015109
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Electricity	107800.5437	4329129	0	4329129	1426267.19	2600730	0	0	0	0	0	0	0	0	0.009544	0.075995	0.085539	0	0	0	0	0.038176	0.217128	0.255305	0	0	0	0	0
Statewide Totals	2049	MCY	Aggregate	Aggregate	Gasoline	755062.096	4107074	4107074	0	1510124.192	0	2.098807	0	0.098792	2.197599	0.009755	0	0.005465	0.015221	0.004527	0.019015	0.038763	0.010465	0	0.005863	0.016328	0.018109	0.054327	0.088764	853.2644	0	58.65734	911.9217	0.625913
Statewide Totals	2049	MDV	Aggregate	Aggregate	Gasoline	4518185.274	1.62E+08	1.62E+08	0	20667525.96	0	4.084073	0	4.760879	8.844952	0.087639	0	0.01711	0.104749	0.358066	0.581279	1.044093	0.095315	0	0.018609	0.113924	1.432262	1.660796	3.206983	59291.87	0	1811.495	61103.36	0.255546
Statewide Totals	2049	MDV	Aggregate	Aggregate	Diesel	50688.76566	1774821	1774821	0	229047.3312	0	0.025854	0	0	0.025854	0.001947	0	0	0.001947	0.003913	0.006367	0.012227	0.002035	0	0	0.002035	0.015651	0.018191	0.035877	648.816	0	0	648.816	0.000491
Statewide Totals	2049	MDV	Aggregate	Aggregate	Electricity	288256.0543	7668056	0	7668056	1343502.51	2960503	0	0	0	0	0	0	0	0	0.016905	0.013021	0.029927	0	0	0	0	0.067621	0.037204	0.104825	0	0	0	0	0
Statewide Totals	2049	MDV	Aggregate	Aggregate	Plug-in Hybrid	135907.3883	4948492	2016341	2932150	561977.0507	885596.8	0.014756	0	0.07031	0.085066	0.001063	0	0.000468	0.001531	0.01091	0.007731	0.020172	0.001156	0	0.000509	0.001665	0.043638	0.022089	0.067392	638.4826	0	50.27977	688.7624	0.002045
Statewide Totals	2049	MH	Aggregate	Aggregate	Gasoline	45337.6568	483702.7	483702.7	0	4535.579186	0	0.116195	0	0.001806	0.118001	0.000626	0	1.72E-06	0.000628	0.0016	0.008208	0.010436	0.000681	0	1.87E-06	0.000683	0.006398	0.023453	0.030534	987.5511	0	0.147372	987.6985	0.001513
Statewide Totals	2049	MH	Aggregate	Aggregate	Diesel	29613.07633	276143.8	276143.8	0	2961.307633	0	0.653414	0	0	0.653414	0.005752	0	0	0.005752	0.001218	0.004666	0.011636	0.006012	0	0	0.006012	0.00487	0.013331	0.024214	319.1203	0	0	319.1203	0.00082
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Gasoline	21473.13107	1057013	1057013	0	429634.4065	0	0.073723	0.001338	0.212808	0.287869	0.001375	0	0.000221	0.001596	0.003495	0.017929	0.023021	0.001496	0	0.000241	0.001736	0.013982	0.051225	0.066943	1699.992	10.93395	17.31443	1728.24	0.002921
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Diesel	233352.1035	10100592	10100592	0	2843959.427	0	2.980327	1.654743	3.529133	8.164202	0.038901	0.000634	0	0.039535	0.033402	0.171811	0.244748	0.04066	0.000663	0	0.041323	0.133608	0.490888	0.665818	10875.33	477.6185	0	11352.95	0.002882
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Electricity	260254.2462	11594574	0	11594574	3319565.029	12368463	0	0	0	0	0	0	0	0	0.038342	0.098879	0.137221	0	0	0	0	0.15337	0.28251	0.43588	0	0	0	0	0
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Natural Gas	3629.906587	147672.1	147672.1	0	33781.39363	0	0.00932	0.025083	0	0.034404	0.000213	9.17E-05	0	0.000304	0.000488	0.002526	0.003319	0.000231	9.98E-05	0	0.000331	0.001953	0.007217	0.009502	139.6633	21.47601	0	161.1393	0.109022
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Gasoline	4949.542176	166921.4	166921.4	0	99030.43986	0	0.045827	0.000263	0.037506	0.083596	0.000199	0	2.84E-05	0.000227	0.000552	0.002849	0.003628	0.000216	0	3.08E-05	0.000247	0.002208	0.00814	0.010595	272.3504	1.865163	2.866389	277.082	0.000342
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Diesel	12365.32962	798909.3	798909.3	0	145465.4461	0	0.651057	0.067754	0.145527	0.864338	0.009071	5.55E-05	0	0.009126	0.002642	0.019233	0.031001	0.009481	5.8E-05	0	0.009539	0.010568	0.05495	0.075057	1058.918	28.71379	0	1087.632	0.000511
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Electricity	3551.377379	216830.8	0	216830.8	71055.9586	234672.4	0	0	0	0	0	0	0	0	0.000717	0.00185	0.002567	0	0	0	0	0.002868	0.005286	0.008154	0	0	0	0	0
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Natural Gas	1085.321781	54838.75	54838.75	0	9659.363852	0	0.004975	0.001787	0	0.006763	7.42E-05	5.9E-06	0	8.01E-05	0.000181	0.000942	0.001203	8.07E-05	6.42E-06	0	8.71E-05	0.000725	0.00269	0.003503	49.3787	1.382029	0	50.76073	0.040628
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Gasoline	2971.28471	147360.9	147360.9	0	11885.13884	0	0.016921	0.001849	0.006747	0.025518	0.00022	0	1.05E-05	0.000231	0.000325	0.002606	0.003162	0.00024	0	1.14E-05	0.000251	0.0013	0.007447	0.008997	121.1036	7.522132	0.636456	129.2621	0.000355
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Diesel	9022.819823	187496.7	187496.7	0	130650.431	0	0.062825	0.054817	0.079834	0.197477	0.000612	2.29E-05	0	0.000635	0.00062	0.003278	0.004532	0.000639	2.4E-05	0	0.000663	0.00248	0.009364	0.012508	215.7821	18.10693	0	233.8891	6.5E-05
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Electricity	13823.6431	395500.8	0	395500.8	175039.0815	432527	0	0	0	0	0	0	0	0	0.001178	0.003484	0.004662	0	0	0	0	0.004711	0.009955	0.014666	0	0	0	0	0
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Natural Gas	3394.381239	70589.2	70589.2	0	49150.64034	0	0.015625	0.018639	0	0.034263	0.000306	6.83E-05	0	0.000375	0.000233	0.001263	0.001871	0.000333	7.43E-05	0	0.000408	0.000934	0.003608	0.004949	104.2979	16.10356	0	120.4014	0.229561
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Gasoline	2046.670638	193031.8	193031.8	0	8186.68255	0	0.003892	0	0.002616	0.006508	0.00023	0	1.21E-06	0.000231	0.000426	0.006777	0.007434	0.00025	0	1.31E-06	0.000252	0.001702	0.019363	0.021317	145.1405	0	0.311995	145.4525	0.000191
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Diesel	67.64571275	3681.024	3681.024	0	270.582851	0	0.000853	0	0	0.000853	6.76E-05	0	0	6.76E-05	1.22E-05	0.000129	0.000209	7.06E-05	0	0	7.06E-05	4.87E-05	0.000369	0.000489	2.683154	0	0	2.683154	1.88E-05
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Electricity	18128.5664	2001384	0	2001384	72514.26558	3886915	0	0	0	0	0	0	0	0	0.017386	0.042468	0.059855	0	0	0	0	0.069545	0.121338	0.190883	0	0	0	0	0
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Natural Gas	275.0556208	20135.5	20135.5	0	1100.222483	0	0.003271	0	0	0.003271	0.00024	0	0	0.00024	6.66E-05	0.000707	0.001014	0.000251	0	0	0.000251	0.000266	0.00202	0.002537	13.48089	0	0	13.48089	6E-05
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Gasoline	29.48127632	3609.664	3609.664	0	589.8613766	0	0.009421	0	0.001273	0.010694	4.65E-06	0	3.07E-07	4.96E-06	1.99E-05	0.000128	0.000153	5.06E-06	0	3.34E-07	5.39E-06	7.96E-05	0.000366	0.00045	6.731993	0	0.027575	6.759567	0.00031
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Diesel	459625.7628	71123346	71123346	0	8162887.599	0	96.71974	36.53532	22.14894	155.404	2.020825	0.014865	0	2.03569	0.700928	2.26986	5.006478	2.112197	0.015537	0	2.127735	2.803711	6.485314	11.41676	98727.43	6867.39	0	105594.8	0.039456
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Electricity	130350.4721	12478650	0	12478650	1656527.778	22759984	0	0	0	0	0	0	0	0	0.118504	0.209841	0.328345	0	0	0	0	0.474016	0.599547	1.073563	0	0	0	0	0
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Natural Gas	19502.11488	1228095	1228095	0	155633.0855	0	0.238622	0.189281	0	0.427902	0.001911	0.000685	0	0.002596	0.012184	0.067476	0.082256	0.002078	0.000745	0	0.002824	0.048735	0.192788	0.244347	1485.68	197.7288	0	1683.409	0.963045
Statewide Totals	2050	LDA	Aggregate	Aggregate	Gasoline	12955078.89	5.01E+08	5.01E+08	0	60280110.23	0	10.67771	0	10.45926	21.13696	0.259381	0	0.047883	0.307264	1.103484	1.477908	2.888657	0.2821	0	0.052077	0.334178	4.413937	4.222595	8.97071	125691.6	0	3535.855	129227.4	0.569683
Statewide Totals	2050	LDA	Aggregate	Aggregate	Diesel	8270.794529	292362.5	292362.5	0	37049.55185	0	0.003408	0	0	0.003408	0.000281	0	0	0.000281	0.000645	0.000865	0.00179	0.000294	0	0	0.000294	0.002578	0.00247	0.005342	59.16117	0	0	59.16117	7.32E-05
Statewide Totals	2050	LDA	Aggregate	Aggregate	Electricity	1802523.436	71014338	0	71014338	8444493.388	27417396	0	0	0	0	0	0	0	0	0.15656	0.120359	0.276919	0	0	0	0	0.626239	0.343883	0.970122	0	0	0	0	0
Statewide Totals	2050	LDA	Aggregate	Aggregate	Plug-in Hybrid	610876.9213	23809130	9697502	14111628	2525976.069	4262132	0.07092	0	0.316162	0.387082	0.005037	0	0.002096	0.007133	0.05249	0.03709	0.096713	0.005478	0	0.00228	0.007758	0.209961	0.105971	0.32369	3067.059	0	154.0211	3221.08	0.009901
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Gasoline	976830.1073	34749369	34749369	0	4409241.416	0	0.797019	0	0.836415	1.633435	0.019402	0	0.003785	0.023186	0.076609	0.12448	0.224275	0.021101	0	0.004116	0.025217	0.306437	0.355656	0.687311	10083.36	0	300.7683	10384.13	0.042735
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Diesel	11.27726334	414.6496	414.6496	0	51.87280823	0	1.34E-05	0	0	1.34E-05	1.9E-06	0	0	1.9E-06	9.14E-07	1.48E-06	4.29E-06	1.98E-06	0	0	1.98E-06	3.66E-06	4.22E-06	9.86E-06	0.157095	0	0	0.157095	3.2E-07
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Electricity	30411.55048	1157486	0	1157486	141339.8501	446885.3	0	0	0	0	0	0	0	0	0.002552	0.001964	0.004516	0	0	0	0	0.010207	0.005612	0.015819	0	0	0	0	0
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Plug-in Hybrid	23138.66513	868038.1	353180.2	514858	95678.38031	155502.5	0.002588	0	0.01196	0.014548	0.000183	0	7.72E-05	0.00026	0.001914	0.001357	0.003531	0.000199	0	8.4E-05	0.000283	0.007655	0.003877	0.011815	112.0435	0	6.694804	118.7383	0.000361
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Gasoline	7787615.711	2.89E+08	2.89E+08	0	35896548.93	0	6.990119	0	7.878714	14.86883	0.154117	0	0.029239	0.183356	0.636889	1.01951	1.839756	0.167617	0	0.0318	0.199416	2.547557	2.912887	5.65986	86975.28	0	2579.893	89555.18	0.441098
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Diesel	29899.69571	1108868	1108868	0	137853.5763	0	0.036031	0	0	0.036031	0.004999	0	0	0.004999	0.002445	0.003913	0.011356	0.005225	0	0	0.005225	0.009779	0.011179	0.026183	310.7175	0	0	310.7175	0.000845
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Electricity	316975.8993	8493583	0	8493583	1482109.786	3279224	0	0	0	0	0	0	0	0	0.018725	0.014407	0.033132	0	0	0	0	0.074901	0.041162	0.116063	0	0	0	0	0
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Plug-in Hybrid	215228.8062	8050473	3278620	4771853	889971.1136	1441242	0.024009	0	0.11137	0.13538	0.001708	0	0.000728	0.002435	0.017748	0.01257	0.032754	0.001857	0	0.000791	0.002649	0.070993	0.035915	0.109557	1038.663	0	65.40373	1104.067	0.003338
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Gasoline	301498.7401	10691037	10691037	0	4491881.995	0	0.178571	0.007897	1.893425	2.079892	0.012742	0	0.00044	0.013182	0.02357	0.321726	0.358478	0.013858	0	0.000478	0.014336	0.094279	0.919218	1.027833	7332.783	35.41433	115.8835	7484.081	0.00961
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Diesel	216951.8075	7413722	7413722	0	2728980.812	0	1.532698	0.215433	0	1.748131	0.112082	0.006314	0	0.118396	0.024517	0.223102	0.366014	0.11715	0.006599	0	0.123749	0.098067	0.637434	0.85925	4321.921	27.39292	0	4349.314	0.02375
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Electricity	428139.7972	17604208	0	17604208	5981876.133	10695066	0	0	0	0	0	0	0	0	0.038811	0.264883	0.303693	0	0	0	0	0.155243	0.756807	0.91205	0	0	0	0	0
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Gasoline	38433.5185	1311919	1311919	0	572602.1597	0	0.028316	0.000854	0.200724	0.229893	0.00156	0	5.64E-05	0.001616	0.002892	0.04606	0.050568	0.001696	0	6.14E-05	0.001758	0.011569	0.131599	0.144926	998.996	5.191734	14.52398	1018.712	0.001044
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Diesel	109198.4322	3527295	3527295	0	1373578.905	0	1.072576	0.121622	0	1.194199	0.068903	0.003171	0	0.072074	0.011665	0.123838	0.207577	0.072019	0.003314	0	0.075333	0.046658	0.353824	0.475815	2410.116	22.5991	0	2432.715	0.014197
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Electricity	111287.8273	4415719	0	4415719	1472330.268	2653015	0	0	0	0	0	0	0	0	0.009735	0.077515	0.08725	0	0	0	0	0.03894	0.221471	0.260411	0	0	0	0	0
Statewide Totals	2050	MCY	Aggregate	Aggregate	Gasoline	751898.9766	4102973	4102973	0	1503797.953	0	2.086306	0	0.091344	2.17765	0.009781	0	0.005531	0.015312	0.004523	0.018996	0.03883	0.010492	0	0.005933	0.016425	0.018091	0.054273	0.08879	851.978	0	57.18049	909.1585	0.622159
Statewide Totals	2050	MDV	Aggregate	Aggregate	Gasoline	4525945.345	1.63E+08	1.63E+08	0	20712180.54	0	4.074203	0	4.774055	8.848258	0.086995	0	0.016984	0.103979	0.358287	0.581555	1.043822	0.094615	0	0.018472	0.113087	1.433147	1.661587	3.207821	59236.34	0	1810.972	61047.31	0.255014
Statewide Totals	2050	MDV	Aggregate	Aggregate	Diesel	50618.16341	1772512	1772512	0	228926.1334	0	0.021176	0	0	0.021176	0.001779	0	0	0.001779	0.003908	0.006356	0.012043	0.001859	0	0	0.001859	0.015631	0.01816	0.03565	646.54	0	0	646.54	0.000477
Statewide Totals	2050	MDV	Aggregate	Aggregate	Electricity	291460.9114	7705208	0	7705208	1356175.123	2974846	0	0	0	0	0	0	0	0	0.016987	0.013085	0.030072	0	0	0	0	0.067948	0.037387	0.105335	0	0	0	0	0
Statewide Totals	2050	MDV	Aggregate	Aggregate	Plug-in Hybrid	137244.3216	4972064	2025329	2946735	567505.2696	890001.9	0.014821	0	0.071004	0.085824	0.001062	0	0.00047	0.001531	0.010962	0.007768	0.020261	0.001155	0	0.000511	0.001665	0.043846	0.022195	0.067706	641.2821	0	50.75101	692.0331	0.002053
Statewide Totals	2050	MH	Aggregate	Aggregate	Gasoline	45271.3367	482893.2	482893.2	0	4528.944523	0	0.111257	0	0.001672	0.112929	0.000627	0	1.73E-06	0.000629	0.001597	0.008195	0.010421	0.000682	0	1.88E-06	0.000684	0.006388	0.023414	0.030485	985.9321	0	0.145667	986.0778	0.001325
Statewide Totals	2050	MH	Aggregate	Aggregate	Diesel	29447.47369	275006.9	275006.9	0	2944.747369	0	0.644717	0	0	0.644717	0.005139	0	0	0.005139	0.001213	0.004647	0.010998	0.005371	0	0	0.005371	0.00485	0.013276	0.023498	317.8446	0	0	317.8446	0.000809
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Gasoline	20973.59538	1040535	1040535	0	419639.6963	0	0.071766	0.001294	0.224099	0.297159	0.001356	0	0.000217	0.001573	0.003441	0.01765	0.022664	0.001475	0	0.000236	0.001711	0.013764	0.050428	0.065903	1670.705	10.63879	16.76053	1698.104	0.002793
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Diesel	234387.8647	10207488	10207488	0	2860503.506	0	2.952692	1.649791	3.523677	8.12616	0.039071	0.000634	0	0.039705	0.033755	0.173605	0.247066	0.040838	0.000662	0	0.0415	0.135022	0.496015	0.672537	10963.93	477.5331	0	11441.46	0.002883
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Electricity	270697.5505	11977373	0	11977373	3451349.664	12774993	0	0	0	0	0	0	0	0	0.039608	0.102144	0.141752	0	0	0	0	0.158434	0.29184	0.450273	0	0	0	0	0
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Natural Gas	3612.451586	147639.7	147639.7	0	33773.53081	0	0.009197	0.024892	0	0.034089	0.000213	9.14E-05	0	0.000305	0.000488	0.002525	0.003318	0.000232	9.94E-05	0	0.000331	0.001953	0.007215	0.009499	139.4637	21.32034	0	160.7841	0.109026
Statewide Totals	2050	OBUS	Aggregate	Aggregate	Gasoline	4753.666894	163536.9	163536.9	0	95111.36722	0	0.045081	0.000249	0.034059	0.079389	0.000197	0	2.82E-05	0.000225	0.000541	0.002791	0.003557	0.000214	0	3.06E-05	0.000244	0.002163	0.007975	0.010383	265.9194	1.779729	2.720527	270.4197	0.000285
Statewide Totals	2050	OBUS	Aggregate	Aggregate	Diesel	12384.86762	801044.4	801044.4	0	145898.6093	0	0.635318	0.067034	0.143437	0.84579	0.008861	5.5E-05	0	0.008916	0.002649	0.019304	0.030869	0.009262	5.75E-05	0	0.009319	0.010596	0.055155	0.07507	1060.844	28.82814	0	1089.672	0.00048
Statewide Totals	2050	OBUS	Aggregate	Aggregate	Electricity	3635.949527	219208.2	0	219208.2	72748.07814	237256	0	0	0	0	0	0	0	0	0.000725	0.00187	0.002595	0	0	0	0	0.0029	0.005344	0.008243	0	0	0	0	0

Statewide Totals	2050	OBUS	Aggregate	Aggregate	Natural Gas	1090.031782	55137.86	55137.86	0	9701.282856	0	0.004891	0.001793	0	0.006685	7.52E-05	5.97E-06	0	8.12E-05	0.000182	0.000947	0.00121	8.18E-05	6.49E-06	0	8.83E-05	0.000729	0.002705	0.003523	49.54079	1.386918	0	50.9277	0.040945
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Gasoline	2664.228963	131130.4	131130.4	0	10656.91585	0	0.012678	0.001506	0.004926	0.019109	0.000197	0	9.44E-06	0.000207	0.000289	0.002319	0.002815	0.000214	0	1.03E-05	0.000225	0.001156	0.006627	0.008008	106.3975	6.668733	0.560929	113.6272	0.000306
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Diesel	8596.970847	179518.4	179518.4	0	124484.1379	0	0.05828	0.049368	0.072657	0.180305	0.000578	2.18E-05	0	0.0006	0.000594	0.003138	0.004331	0.000604	2.28E-05	0	0.000627	0.002375	0.008966	0.011967	205.535	17.14219	0	222.6772	6.15E-05
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Electricity	14508.77285	412455.8	0	412455.8	183698.1252	451074.7	0	0	0	0	0	0	0	0	0.001227	0.003634	0.004861	0	0	0	0	0.00491	0.010382	0.015292	0	0	0	0	0
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Natural Gas	3218.339421	67334.48	67334.48	0	46601.55482	0	0.013866	0.017639	0	0.031505	0.000292	6.56E-05	0	0.000358	0.000223	0.001205	0.001785	0.000318	7.13E-05	0	0.000389	0.000891	0.003442	0.004722	98.96119	15.26427	0	114.2255	0.216622
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Gasoline	2077.487278	196478.2	196478.2	0	8309.949113	0	0.00393	0	0.00263	0.00656	0.000234	0	1.23E-06	0.000235	0.000433	0.006898	0.007567	0.000255	0	1.33E-06	0.000256	0.001733	0.019709	0.021697	147.4184	0	0.316135	147.7345	0.000193
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Diesel	67.68085092	3683.258	3683.258	0	270.7234037	0	0.000878	0	0	0.000878	7.16E-05	0	0	7.16E-05	1.22E-05	0.000129	0.000213	7.49E-05	0	0	7.49E-05	4.87E-05	0.000369	0.000493	2.684784	0	0	2.684784	1.91E-05
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Electricity	18441.39146	2038168	0	2038168	73765.56586	3961687	0	0	0	0	0	0	0	0	0.017715	0.043249	0.060964	0	0	0	0	0.070859	0.123568	0.194428	0	0	0	0	0
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Natural Gas	280.4867967	20557.97	20557.97	0	1121.947187	0	0.003139	0	0	0.003139	0.000218	0	0	0.000218	6.8E-05	0.000722	0.001007	0.000228	0	0	0.000228	0.000272	0.002062	0.002562	13.74052	0	0	13.74052	5.96E-05

																																	Fuel/Energy Consumption Gasoline		Diesel		Natural Gas		EV		
CH4_IDLEX	CH4_STREX	CH4_TOTEX	N2O_RUNEX	N2O_IDLEX	N2O_STREX	N2O_TOTEX	ROG_RUNEX	ROG_IDLEX	ROG_STREX	ROG_TOTEX	ROG_DIURN	ROG_HOTSOAK	ROG_RUNLOSS	ROG_TOTAL	TOG_RUNEX	TOG_IDLEX	TOG_STREX	TOG_TOTEX	TOG_DIURN	TOG_HOTSOAK	TOG_RUNLOSS	TOG_TOTAL	CO_RUNEX	CO_IDLEX	CO_STREX	CO_TOTEX	SOx_RUNEX	SOx_IDLEX	SOx_STREX	SOx_TOTEX	NH3_RUNEX	Fuel Consumption	Gallons	MPG	Gallons	MPG	Gallons	MPG	kwh	kwh/mi	vmt col
0	0	0.326952	0.228418	0	0.00352	0.231937	2.673531	0	0	2.673531	0.119118	0.072875	0.224297	3.08982	3.079599	0	0	3.079599	0.119118	0.073188	0.225263	3.497168	82.69839	0	0.592826	83.29122	0.019102	0	0.000313	0.019415	0.018779	145.4735183	145474	3.24							2
0.263034	0	2.313343	10.60602	0.399196	0	11.00521	44.1426	5.663053	0	49.80565	0	0	0	49.80565	50.25299	6.446954	0	56.69994	0	0	0	56.69994	149.4709	19.9756	0	169.4465	5.826957	0.219754	0	6.046711	1.035157	6239.853258			6239853	5.57					3
0.000506	0	0.019327	0.001475	3.84E-05	0	0.001513	0.003341	8.98E-05	0	0.003431	0	0	0	0.003431	0.022708	0.00061	0	0.023318	0	0	0	0.023318	0.001512	0.001949	0	0.003461	0	0	0	0	0.001445	0.85785495					858	2.64			
0	20.28621	43.08399	23.46194	0	4.925848	28.38779	135.2727	0	123.3392	258.612	62.14328	28.79688	116.0861	465.6383	161.5313	0	131.8651	293.3964	62.1433	28.92092	116.5862	501.0468	3179.268	0	1215.163	4394.431	2.599389	0	0.109233	2.708623	31.9556	20516.22951	20516230	22.99							2
0	0	0.049563	0.166342	0	0	0.166342	1.067067	0	0	1.067067	0	0	0	1.067067	1.214784	0	0	1.214784	0	0	0	1.214784	5.35774	0	0	5.35774	0.090574	0	0	0.090574	0.009042	94.31463187			94315	28.06					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	3.844121	9.895841	5.58234	0	0.908232	6.490571	41.00336	0	24.50248	65.50584	14.86443	7.57756	22.65411	110.6019	47.30852	0	26.23092	73.53944	14.86443	7.610199	22.75169	118.7658	985.6353	0	277.0958	1262.731	0.498111	0	0.023087	0.521197	5.133999	3922.369487	3922369	20.02							2
0	0	0.003277	0.015241	0	0	0.015241	0.07056	0	0	0.07056	0	0	0	0.07056	0.080327	0	0	0.080327	0	0	0	0.080327	0.410293	0	0	0.410293	0.008384	0	0	0.008384	0.000698	8.64167526			8642	23.63					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	6.456664	13.57464	9.889914	0	2.173425	12.06334	42.96178	0	39.27885	82.24063	14.83572	6.55495	28.98992	132.6212	51.201	0	41.97946	93.18046	14.83572	6.583184	29.11478	143.7141	1081.015	0	395.2402	1476.256	1.053879	0	0.040239	1.094119	9.238568	8279.710588	8279711	16.87							2
0	0	0.000245	0.001233	0	0	0.001233	0.005269	0	0	0.005269	0	0	0	0.005269	0.005998	0	0	0.005998	0	0	0	0.005998	0.027513	0	0	0.027513	0.000674	0	0	0.000674	4.84E-05	0.698870962			699	20.25					3
0.051872	0.363626	2.384396	1.482952	0.001275	0.167897	1.652124	12.70002	0.259031	2.345661	15.30471	2.133827	0.896271	5.757739	24.09255	15.50712	0.318469	2.510698	18.33629	2.133827	0.900131	5.782539	27.15278	260.3555	1.759018	37.77544	299.8899	0.273436	0.000866	0.002923	0.277225	0.853261	2082.764748	2082765	8.75							2
0.000879	0	0.067575	0.667133	0.003881	0	0.671014	1.435927	0.018929	0	1.454857	0	0	0	1.454857	1.634708	0.02155	0	1.656257	0	0	0	1.656257	6.358903	0.156896	0	6.515798	0.369501	0.002146	0	0.371647	0.198441	380.4585904			380459	17.52					3
0.007201	0.058329	0.361197	0.20602	0.000171	0.023389	0.22958	1.961501	0.036555	0.392092	2.390148	0.322182	0.13992	0.834511	3.686761	2.370932	0.044847	0.420394	2.836173	0.322183	0.140523	0.838105	4.136984	40.60172	0.247754	5.267893	46.11736	0.0419	0.000141	0.000474	0.042515	0.11399	320.206451	320206	7.69							2
0.000258	0	0.019151	0.207067	0.001671	0	0.208738	0.406746	0.005565	0	0.412311	0	0	0	0.412311	0.463054	0.006335	0	0.469389	0	0	0	0.469389	1.87493	0.046122	0	1.921051	0.113802	0.000916	0	0.114718	0.056423	118.3525148			118353	16.02					3
0	0.264159	1.143641	0.140233	0	0.012105	0.152338	7.076944	0	2.168265	9.24521	2.022944	2.498028	2.601203	16.36738	7.752456	0	2.343866	10.09632	2.022945	2.508787	2.612407	17.24046	76.96371	0	6.647252	83.61097	0.006086	0	0.000789	0.006875	0.011226	51.56949437	51569	34.66							2
0	3.468905	7.826211	5.20279	0	0.926766	6.129556	28.41563	0	21.54633	49.96196	6.979356	2.865661	12.7726	72.57957	33.40664	0	23.03764	56.44428	6.979359	2.878005	12.82761	79.12926	789.5817	0	204.0254	993.607	0.566063	0	0.021461	0.587524	4.530658	4435.914031	4435914	16.13							2
0	0	0.004672	0.025871	0	0	0.025871	0.100594	0	0	0.100594	0	0	0	0.100594	0.11452	0	0	0.11452	0	0	0	0.11452	0.52421	0	0	0.52421	0.014268	0	0	0.014268	0.000911	14.66853136			14669	18.18					3
0	0.003491	0.44388	0.301735	0	0.000519	0.302254	3.138722	0	0.026367	3.165089	2.707436	1.341196	0.020501	7.234222	3.621207	0	0.028406	3.649613	2.707437	1.346973	0.020589	7.724613	106.5835	0	0.179435	106.763	0.062507	0	2.31E-05	0.06253	0.078711	469.1749283	469175	4.48							2
0	0	0.001527	0.023843	0	0	0.023843	0.032871	0	0	0.032871	0	0	0	0.032871	0.037422	0	0	0.037422	0	0	0	0.037422	0.119368	0	0	0.119368	0.0131	0	0	0.0131	0.003869	13.51891462			13519	9.62					3
0.015819	0.289932	1.169324	0.580248	0.00042	0.039732	0.620399	6.332185	0.101693	2.435237	8.869115	1.046162	0.549816	2.268217	12.73331	7.44965	0.119939	2.6269	10.19649	1.046162	0.552185	2.277986	14.07282	158.7051	1.268373	12.00687	171.9804	0.102745	0.000737	0.002414	0.105896	0.140161	796.2936717	796294	4.37							2
0.031255	0	0.410676	2.072885	0.064383	0	2.137268	8.168833	0.672906	0	8.841738	0	0	0	8.841738	9.299594	0.766052	0	10.06565	0	0	0	10.06565	20.91354	3.654737	0	24.56828	1.129506	0.035061	0	1.164567	0.297701	1211.810645			1211811	8.25					3
0.001352	0.018108	0.082738	0.073233	2.93E-05	0.004044	0.077307	0.431357	0.007642	0.140372	0.579371	0.070931	0.034424	0.102461	0.787186	0.514825	0.009222	0.151163	0.67521	0.070931	0.034573	0.102902	0.883615	10.56975	0.050982	1.096484	11.71722	0.012684	5.16E-05	0.000151	0.012886	0.020015	97.01901794	97019	4.59							2
0.003814	0	0.046154	0.160882	0.005507	0	0.166389	0.91158	0.082112	0	0.993692	0	0	0	0.993692	1.037765	0.093478	0	1.131243	0	0	0	1.131243	2.505578	0.288777	0	2.794355	0.087972	0.003	0	0.090971	0.019407	94.34099726			94341	6.91					3
0.008833	0.004058	0.07656	0.030742	0.000307	0.000404	0.031453	0.477963	0.055025	0.031678	0.564666	0.06259	0.03458	0.050426	0.712261	0.551258	0.064698	0.034097	0.650053	0.06259	0.034729	0.050643	0.798014	12.15782	0.361233	0.349479	12.86853	0.003346	0.000187	2.52E-05	0.003558	0.00661	26.46185146	26462	8.47							2
0.003238	0	0.027121	0.101322	0.005781	0	0.107103	0.514192	0.069719	0	0.583911	0	0	0	0.583911	0.585368	0.07937	0	0.664738	0	0	0	0.664738	1.247573	0.358048	0	1.605621	0.055622	0.003157	0	0.058779	0.013811	60.72644687			60726	7.64					3
0	0.000381	0.003591	0.00435	0	0.00013	0.00448	0.018151	0	0.002294	0.020446	0.00132	0.000407	0.002519	0.024692	0.022406	0	0.00245	0.024856	0.00132	0.000409	0.00253	0.029116	0.347826	0	0.051379	0.399206	0.001012	0	3.98E-06	0.001016	0.001954	7.568279888	7568	5.20							2
0	0	0.00782	0.284465	0	0	0.284465	0.168365	0	0	0.168365	0	0	0	0.168365	0.191671	0	0	0.191671	0	0	0	0.191671	1.15401	0	0	1.15401	0.153859	0	0	0.153859	0.026036	161.2887856			161289	5.42					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	0	1.513825	0.080979	0	0	0.080979	0.269007	0	0	0.269007	0	0	0	0.269007	1.826857	0	0	1.826857	0	0	0	1.826857	5.215392	0	0	5.215392	0	0	0	0	0.212962	45.91428276					45914	4.34			
0	0	0.274566	0.188622	0	0.002681	0.191303	2.235079	0	0	2.235079	0.105175	0.066543	0.202609	2.609406	2.579958	0	0	2.579958	0.105175	0.066829	0.203481	2.955444	68.39087	0	0.484759	68.87562	0.016413	0	0.000284	0.016697	0.016393	125.1979102	125198	3.26							2
0.239389	0	2.213365	10.54057	0.383914	0	10.92449	42.49916	5.15398	0	47.65314	0	0	0	47.65314	48.38206	5.867414	0	54.24947	0	0	0	54.24947	136.7404	18.76106	0	155.5014	5.791032	0.211297	0	6.002329	1.033353	6194.080586			6194081	5.61					3
0.000985	0	0.040862	0.002881	7.48E-05	0	0.002956	0.007079	0.000175	0	0.007254	0	0	0	0.007254	0.048113	0.001188	0	0.049301	0	0	0	0.049301	0.003121	0.003796	0	0.006917	0	0	0	0	0.00276	1.675762304					1676	2.58			
0	20.00508	40.3287	21.50525	0	4.932068	26.43732	119.8306	0	121.0079	240.8385	60.3194	27.74655	107.2674	436.1719	143.6112	0	129.365	272.9761	60.31942	27.86606	107.7295	468.8911	2976.842	0	1182.452	4159.294	2.565731	0	0.109352	2.675083	30.84979	20261.99873	20261999	23.21							2
0	0	0.041824	0.143994	0	0	0.143994	0.900439	0	0	0.900439	0	0	0	0.900439	1.025089	0	0	1.025089	0	0	0	1.025089	4.625919	0	0	4.625919	0.078413	0	0	0.078413	0.007892	81.64329255			81643	28.29					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	3.64912	8.886484	4.88807	0	0.868382	5.756452	35.31962	0	23.12122	58.44084	13.89172	7.032515	20.65469	100.0198	40.84739	0	24.74869	65.59608	13.89172	7.062806	20.74365	107.2943	865.5581	0	258.2149	1123.773	0.471694	0	0.022146	0.49384	4.790825	3717.996433	3717996	20.09							2
0	0	0.002774	0.013109	0	0	0.013109	0.059717	0	0	0.059717	0	0	0	0.059717	0.067984	0	0	0.067984	0	0	0	0.067984	0.348363	0	0	0.348363	0.007211	0	0	0.007211	0.000597	7.432918466			7433	23.50					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	6.632121	13.16787	9.377724	0	2.286609	11.66433	39.05091	0	40.05523	79.10614	14.76046	6.416538	27.36403	127.6472	46.7502	0	42.80543	89.55563	14.76046	6.444175	27.4819	138.2422	1046.003	0	398.3458	1444.349	1.085822	0	0.042098	1.12792	9.272272	8536.151496	8536151	16.98							2
0	0	0.000213	0.001137	0	0	0.001137	0.00459	0	0	0.00459	0	0	0	0.00459	0.005226	0	0	0.005226	0	0	0	0.005226	0.025064	0	0	0.025064	0.000621	0	0	0.000621	4.56E-05	0.64484106			645	20.70					3
0.057392	0.387293	2.28138	1.407142	0.001418	0.194157	1.602717	11.79154	0.28143	2.456114	14.52908	2.249392	0.919121	5.787839	23.48543	14.45774	0.347503	2.628225	17.43347	2.249392	0.92308	5.812769	26.41871	238.3752	1.914385	39.10958	279.3991	0.284557	0.000936	0.003086	0.288578	0.898358	2168.119325	2168119	8.77							2
0.001001	0	0.075103	0.750204	0.004418	0	0.754622	1.595369	0.021551	0	1.61692	0	0	0	1.61692	1.816222	0.024534	0	1.840756	0	0	0	1.840756	6.98923	0.178624	0	7.167854	0.41556	0.002443	0	0.418003	0.223116	427.8634141			427863	17.52					3
0.007618	0.05958	0.330912	0.186914	0.000183	0.026026	0.213123	1.745568	0.037991	0.394999	2.178558	0.32664	0.139997	0.805675	3.45087	2.115305	0.046795	0.423452	2.585551	0.32664	0.1406	0.809146	3.861936	35.69129	0.257845	5.192155	41.14129	0.041501	0.000145	0.000481	0.042128	0.114196	317.3396642	317340	7.71							2
0.000279	0	0.020123	0.216794	0.001826	0	0.21862	0.427248	0.005999	0	0.433247	0	0	0	0.433247	0.486394	0.006829	0	0.493223	0	0	0	0.493223	1.947875	0.049721	0	1.997596	0.119243	0.001001	0	0.120245	0.058978	123.9554172			123955	15.99					3
0	0.314353	1.491274	0.193213	0	0.014683	0.207896	9.34696	0	2.562029	11.90899	2.487843	3.057293	3.163104	20.61723	10.28153	0	2.768701	13.05024	2.487844	3.070462	3.176729	21.78527	101.9971	0	8.324011	110.3211	0.008328	0	0.000962	0.00929	0.016138	69.6660612	69666	35.31							2
0	4.034009	8.259984	5.178375	0	1.172366	6.350741	27.12149	0	24.66453	51.78601	7.40096	2.990076	12.72559	74.90264	32.04678	0	26.36613	58.41291	7.400963	3.002955	12.7804	81.59722	777.646	0	219.624	997.2699	0.652753	0	0.02476	0.677513	4.99255	5116.570485	5116570	16.08							2
0	0	0.003974	0.022255	0	0	0.022255	0.085557	0	0	0.085557	0	0	0	0.085557	0.097401	0	0	0.097401	0	0	0	0.097401	0.45079	0	0	0.45079	0.012267	0	0	0.012267	0.000786	12.61843179			12618	18.22					3
0	0.003243	0.387807	0.264443	0	0.00053	0.264973	2.730601	0	0.024314	2.754915	2.558004	1.253241	0.019311	6.585472	3.157417	0	0.026193	3.18361	2.558005	1.258639	0.019394	7.019648	91.71842	0	0.169002	91.88742	0.058366	0	2.18E-05	0.058388	0.075694	437.9176269	437918	4.49							2
0	0	0.001619	0.027026	0	0	0.027026	0.034853	0	0	0.034853	0	0	0	0.034853	0.039678	0	0	0.039678	0	0	0	0.039678	0.126697	0	0	0.126697	0.014847	0	0	0.014847	0.004398	15.32373252			15324	9.64					3
0.01529	0.270621	1.014801	0.521446	0.000394	0.038502	0.560343	5.284499	0.097373	2.268968	7.650839	0.953273	0.504034	2.087534	11.19568	6.243149	0.115427	2.446989	8.805564	0.953273	0.506205	2.096526	12.36157	131.4246	1.218117	11.88136	144.5241	0.094853	0.000704	0.002261	0.097818	0.134107	735.9756044	735976	4.38							2
0.031193	0	0.393324	2.062251	0.07088	0	2.133131	7.796582	0.671574	0	8.468156	0	0	0	8.468156	8.875815	0.764536	0	9.640351	0	0	0	9.640351	20.00699	3.76853	0	23.77552	1.123701	0.038615	0	1.162316	0.29719	1209.465451			1209465	8.26					3
0.001513	0.018368	0.07758	0.073568	3.19E-05	0.004292	0.077891	0.382699	0.008356	0.139312	0.530367	0.067063	0.032532	0.096803	0.726765	0.459493	0.010154	0.149924	0.619571	0.067063	0.032672	0.09722	0.816527	10.43168	0.055903	1.210551	11.69813	0.013808	5.59E-05	0.000154	0.014018	0.022436	105.5545486	105555	4.60							2
0.004285	0	0.045246	0.160258	0.006359	0	0.166617	0.881882	0.092251	0	0.974133	0	0	0	0.974133	1.003956	0.105021	0	1.108976	0	0	0	1.108976	2.421731	0.327842	0	2.749573	0.087632	0.003464	0	0.091096	0.019374	94.4701808			94470	6.89					3
0.008325	0.003955	0.072819	0.029264	0.00027	0.0004	0.029935	0.452594	0.052162	0.030891	0.535647	0.056768	0.031192	0.047444	0.671052	0.523837	0.061727	0.033245	0.618809	0.056768	0.031326	0.047649	0.754552	11.40284	0.344421	0.349647	12.09691	0.003078	0.000178	2.41E-05	0.003279	0.006308	24.38318419	24383	8.43							2
0.003037	0	0.026145	0.100804	0.005865	0	0.106668	0.497504	0.065381	0	0.562885	0	0	0	0.562885	0.56637	0.074432	0	0.640802	0	0	0	0.640802	1.209042	0.343113	0	1.552156	0.055337	0.003202	0	0.058539	0.013786	60.47997024			60480	7.66					3
0	0.000336	0.00307	0.003705	0	0.000121	0.003826	0.015584	0	0.001983	0.017568	0.001118	0.000345	0.001923	0.020954	0.019309	0	0.002118	0.021427	0.001118	0.000346	0.001931	0.024823	0.299355	0	0.04324	0.342595	0.000969	0	3.38E-06	0.000972	0.001888	7.25230286	7252	5.25							2
0	0	0.007242	0.268573	0	0	0.268573	0.155909	0	0	0.155909	0	0	0	0.155909	0.17749	0	0	0.17749	0	0	0	0.17749	1.073025	0	0	1.073025	0.14575	0	0	0.14575	0.024827	152.2781125			152278	5.48					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	0	2.061239	0.108675	0	0	0.108675	0.36621	0	0	0.36621	0	0	0	0.36621	2.487387	0	0	2.487387	0	0	0	2.487387	7.026404	0	0	7.026404	0	0	0	0	0.28238	61.61792135					61618	4.29			
0	0	0.244144	0.163271	0	0.001949	0.16522	1.96332	0	0	1.96332	0.091549	0.057537	0.17392	2.286327	2.275734	0	0	2.275734	0.091549	0.057785	0.174669	2.599738	58.51371	0	0.434479	58.94819	0.015347	0	0.000248	0.015595	0.015706	116.733547	116734	3.28							2
0.230588	0	2.249487	10.74058	0.396538	0	11.13712	43.46635	4.964496	0	48.43085	0	0	0	48.43085	49.48313	5.651701	0	55.13483	0	0	0	55.13483	137.024	18.83196	0	155.856	5.901042	0.218253	0	6.119295	1.056591	6314.643801			6314644	5.62					3
0.004073	0	0.178308	0.011757	0.000309	0	0.012066	0.03093	0.000723	0	0.031653	0	0	0	0.031653	0.210223	0.004914	0	0.215137	0	0	0	0.215137	0.013354	0.015697	0	0.029052	0	0	0	0	0.011032	6.84130271					6841	2.52			
0	19.44471	38.7373	20.82324	0	4.88217	25.70541	112.5869	0	116.5615	229.1484	57.63571	26.1161	97.07816	409.9784	135.4457	0	124.605	260.0508	57.63573	26.22859	97.4963	441.4114	2945.554	0	1127.127	4072.681	2.650778	0	0.107201	2.757979	31.20974	20891.40003	20891400	23.44							2
0	0	0.037673	0.135908	0	0	0.135908	0.811082	0	0	0.811082	0	0	0	0.811082	0.923363	0	0	0.923363	0	0	0	0.923363	4.318603	0	0	4.318603	0.074036	0	0	0.074036	0.007563	77.05878306			77059	28.72					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	3.33373	8.02781	4.399236	0	0.802723	5.201959	31.43942	0	20.9019	52.34133	12.52504	6.241068	17.93465	89.04209	36.43074	0	22.37085	58.80159	12.52505	6.26795	18.0119	95.60649	780.0462	0	228.9721	1009.018	0.460558	0	0.020375	0.480933	4.60775	3623.053452	3623053	20.22							2
0	0	0.002474	0.012475	0	0	0.012475	0.053267	0	0	0.053267	0	0	0	0.053267	0.060641	0	0	0.060641	0	0	0	0.060641	0.317199	0	0	0.317199	0.006858	0	0	0.006858	0.000558	7.073262123			7073	23.09					3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
0	6.476231	12.70327	9.120079	0	2.261289	11.38137	36.76093	0	38.78404	75.54496	14.04977	5.992543	24.67653	120.2638	44.20453	0	41.44428	85.64881	14.04977	6.018354	24.78282	130.4998	1035.92	0	380.9179	1416.838	1.113777	0	0.041349	1.155126	9.322537	8741.187482	8741187	17.09							2
0	0	0.000184	0.001005	0	0	0.001005	0.003961	0	0	0.003961	0	0	0	0.003961	0.004509	0	0	0.004509	0	0	0	0.004509	0.021893	0	0	0.021893	0.00055	0	0	0.00055	4.06E-05	0.569996527			570	20.84					3
0.062734	0.40694	2.244246	1.390084	0.001572	0.221956	1.613612	11.31685	0.30029	2.522668	14.13981	2.273446	0.905433	5.612979	22.93167	13.93266	0.372429	2.698822	17.00391	2.273447	0.909333	5.637156	25.82384	225.7715	2.046012	39.43448	267.252	0.313556	0.000993	0.003198	0.317747	0.9998	2386.512843	2386513	8.80							2
0.001125	0	0.08998	0.887458	0.004966	0	0.892424	1.912997	0.024225	0	1.937222	0	0	0	1.937222	2.17782	0.027578	0	2.205398	0	0	0	2.205398	8.646782	0.200789	0	8.847571	0.491581	0.002747	0	0.494327	0.264	505.9958934			505996	17.53					3
0.00786	0.055453	0.277156	0.165264	0.000194	0.028462	0.19392	1.389887	0.037657	0.351565	1.77911	0.278477	0.115371	0.682176	2.855134	1.694787	0.046642	0.376562	2.117991	0.278477	0.115868	0.685114	3.197451	28.08632	0.256002	4.807374	33.1497	0.042934	0.000143	0.000452	0.043528	0.12129	328.0090006	328009	7.76							2
0.000294	0	0.022478	0.238491	0.001953	0	0.240444	0.477613	0.00633	0	0.483943	0	0	0	0.483943	0.54373	0.007207	0	0.550937	0	0	0	0.550937	2.210568	0.052469	0	2.263037	0.131238	0.001072	0	0.13231	0.064816	136.3295035			136330	15.97					3
0	0.337456	1.684082	0.223368	0	0.015885	0.239253	10.63695	0	2.738366	13.37532	2.743307	3.323577	3.438564	22.88076	11.72138	0	2.958836	14.68022	2.743307	3.337893	3.453375	24.21479	116.3446	0	9.146389	125.491	0.009602	0	0.001043	0.010645	0.018916	79.81252403	79813	35.60							2
0	4.620005	8.961629	5.448973	0	1.433991	6.882964	27.28926	0	27.73199	55.02126	7.635042	3.032085	12.36855	78.05694	32.42502	0	29.64	62.06502	7.635044	3.045145	12.42183	85.16704	804.5831	0	232.2536	1036.837	0.788198	0	0.028014	0.816212	5.785565	6163.466285	6163466	16.07							2
0	0	0.00379	0.022477	0	0	0.022477	0.0816	0	0	0.0816	0	0	0	0.0816	0.092896	0	0	0.092896	0	0	0	0.092896	0.448276	0	0	0.448276	0.012381	0	0	0.012381	0.000806	12.74415476			12744	18.50					3
0	0.002888	0.348597	0.241336	0	0.00052	0.241856	2.438311	0	0.021437	2.459748	2.340092	1.125154	0.017621	5.942615	2.828815	0	0.02309	2.851905	2.340093	1.13	0.017697	6.339695	81.16992	0	0.155241	81.32516	0.056586	0	1.98E-05	0.056605	0.07564	424.4717251	424472	4.51							2
0	0	0.001769	0.031503	0	0	0.031503	0.038086	0	0	0.038086	0	0	0	0.038086	0.043359	0	0	0.043359	0	0	0	0.043359	0.138521	0	0	0.138521	0.017309	0	0	0.017309	0.005138	17.86207385			17862	9.67					3
0.014528	0.244871	0.895778	0.495169	0.000364	0.036651	0.532184	4.536397	0.090878	2.03471	6.661985	0.843085	0.440637	1.831173	9.776879	5.380677	0.108374	2.19381	7.682861	0.843086	0.442535	1.83906	10.80754	113.101	1.140567	11.1924	125.434	0.093173	0.000655	0.002043	0.095871	0.136674	722.089313	722089	4.42							2
0.028326	0	0.384462	2.102305	0.069992	0	2.172296	7.667521	0.609843	0	8.277364	0	0	0	8.277364	8.728889	0.69426	0	9.423149	0	0	0	9.423149	19.80333	3.51908	0	23.32241	1.145516	0.038132	0	1.183648	0.30397	1231.671747			1231672	8.29					3

0.001807	0.019125	0.080273	0.085297	3.68E-05	0.004872	0.090206	0.37587	0.009682	0.13892	0.524471	0.062504	0.029344	0.09061	0.706929	0.455188	0.011867	0.149331	0.616386	0.062504	0.029471	0.091	0.79936	11.25534	0.065033	1.290136	12.61051	0.017382	6.4E-05	0.00016	0.017606	0.029063	132.6388329	132639	4.63						2
0.003746	0	0.040101	0.163093	0.005825	0	0.168918	0.782725	0.080645	0	0.863371	0	0	0	0.863371	0.891073	0.091809	0	0.982882	0	0	0	0.982882	2.196925	0.293696	0	2.49062	0.089182	0.003173	0	0.092355	0.01982	95.77476654			95775	6.95				3
0.008029	0.003704	0.074418	0.030104	0.000238	0.000398	0.03074	0.463865	0.050412	0.02891	0.543186	0.052007	0.027179	0.043919	0.666292	0.54076	0.060249	0.031109	0.632118	0.052007	0.027297	0.044109	0.755529	11.37659	0.335465	0.359972	12.07203	0.00305	0.000171	2.31E-05	0.003245	0.006576	24.18885215	24189	8.43						2
0.002776	0	0.025771	0.102703	0.005939	0	0.108642	0.495066	0.059776	0	0.554842	0	0	0	0.554842	0.563594	0.068051	0	0.631645	0	0	0	0.631645	1.205106	0.325635	0	1.530741	0.05638	0.003246	0	0.059626	0.014101	61.59923693			61599	7.69				3
0	0.000396	0.003443	0.004409	0	0.000169	0.004577	0.017047	0	0.002208	0.019254	0.001202	0.000359	0.001765	0.02258	0.021204	0	0.002357	0.023561	0.001202	0.00036	0.001772	0.026896	0.329596	0	0.043912	0.373508	0.001463	0	3.97E-06	0.001467	0.00274	11.16064462	11161	4.95						2
0	0	0.007143	0.263133	0	0	0.263133	0.15379	0	0	0.15379	0	0	0	0.15379	0.175078	0	0	0.175078	0	0	0	0.175078	1.054949	0	0	1.054949	0.1427	0	0	0.1427	0.024285	149.1937287			149194	5.47				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.976873	0.15466	0	0	0.15466	0.528744	0	0	0.528744	0	0	0	0.528744	3.592167	0	0	3.592167	0	0	0	3.592167	10.10416	0	0	10.10416	0	0	0	0	0.393796	87.69100593					87691	4.20		
0	0	0.226811	0.148404	0	0.00185	0.150255	1.824193	0	0	1.824193	0.091356	0.057243	0.171047	2.14384	2.115962	0	0	2.115962	0.091357	0.057489	0.171784	2.436592	54.2458	0	0.439326	54.68512	0.010195	0	0.000174	0.010369	0.015008	110.6013832	110601	3.29						2
0.237375	0	2.191604	10.42051	0.425974	0	10.84648	42.07402	5.110619	0	47.18464	0	0	0	47.18464	47.89807	5.818051	0	53.71612	0	0	0	53.71612	130.5705	19.8528	0	150.4233	5.725286	0.234399	0	5.959686	1.027615	6149.852288			6149852	5.61				3
0.005501	0	0.206503	0.013898	0.000418	0	0.014316	0.035681	0.000976	0	0.036658	0	0	0	0.036658	0.242518	0.006637	0	0.249155	0	0	0	0.249155	0.018453	0.021201	0	0.039654	0	0	0	0	0.013158	8.117283111					8117	2.54		
0	18.7184	36.01517	18.87354	0	4.772853	23.6464	100.6182	0	111.9212	212.5394	55.57884	24.92729	87.7959	380.8414	121.4352	0	119.6429	241.0781	55.57886	25.03465	88.17406	409.8657	2745.934	0	1069.342	3815.276	1.818398	0	0.074286	1.892684	29.50341	20188.22173	20188222	23.56						2
0	0	0.032388	0.123463	0	0	0.123463	0.697297	0	0	0.697297	0	0	0	0.697297	0.793826	0	0	0.793826	0	0	0	0.793826	3.86975	0	0	3.86975	0.067307	0	0	0.067307	0.006995	70.00238564			70002	29.24				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	3.230676	7.542299	4.035508	0	0.771378	4.806887	28.7861	0	20.25756	49.04366	12.36608	6.039852	16.93363	84.38321	33.44647	0	21.67943	55.1259	12.36608	6.065867	17.00656	90.56441	721.7036	0	219.1956	940.8992	0.306966	0	0.013894	0.320859	4.309295	3422.429503	3422430	20.20						2
0	0	0.002254	0.011598	0	0	0.011598	0.048518	0	0	0.048518	0	0	0	0.048518	0.055235	0	0	0.055235	0	0	0	0.055235	0.291415	0	0	0.291415	0.006372	0	0	0.006372	0.000516	6.575759503			6576	22.97				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	6.728486	12.69984	8.856087	0	2.406905	11.26299	35.05369	0	40.10136	75.15505	14.39253	6.044783	23.57468	119.167	42.30475	0	42.85021	85.15496	14.39254	6.07082	23.67622	129.2945	1031.533	0	387.7347	1419.267	0.822173	0	0.030859	0.853032	9.471239	9098.822347	9098822	17.16						2
0	0	0.000176	0.000962	0	0	0.000962	0.00378	0	0	0.00378	0	0	0	0.00378	0.004303	0	0	0.004303	0	0	0	0.004303	0.021039	0	0	0.021039	0.000526	0	0	0.000526	3.9E-05	0.545448328			545	20.91				3
0.07107	0.446941	2.200069	1.353055	0.0018	0.260755	1.615611	10.66095	0.334496	2.724098	13.71955	2.424695	0.949939	5.722345	22.81652	13.17408	0.416649	2.913901	16.50463	2.424695	0.954031	5.746992	25.63035	211.0673	2.283505	41.56147	254.9123	0.238765	0.000779	0.002457	0.242002	1.091257	2581.299517	2581300	8.83						2
0.001347	0	0.1068	1.048658	0.005945	0	1.054603	2.270337	0.029002	0	2.299338	0	0	0	2.299338	2.584627	0.033017	0	2.617644	0	0	0	2.617644	10.56646	0.240382	0	10.80684	0.580511	0.003287	0	0.583798	0.312466	597.9500679			597950	17.56				3
0.008374	0.056979	0.253943	0.154153	0.000207	0.031675	0.186035	1.209654	0.039559	0.352904	1.602117	0.275266	0.111355	0.656412	2.645151	1.483553	0.04924	0.377783	1.910576	0.275266	0.111835	0.659239	2.956916	24.3425	0.269689	4.88239	29.49458	0.030603	0.000106	0.000327	0.031036	0.12399	331.0470026	331047	7.79						2
0.000331	0	0.024999	0.260983	0.002219	0	0.263202	0.531084	0.007121	0	0.538204	0	0	0	0.538204	0.604603	0.008107	0	0.61271	0	0	0	0.61271	2.502051	0.059021	0	2.561071	0.14365	0.001218	0	0.144868	0.070927	149.2331463			149233	15.97				3
0	0.360546	1.798426	0.240479	0	0.017108	0.257588	11.32275	0	2.919675	14.24243	2.99294	3.599408	3.715444	24.55022	12.49667	0	3.15433	15.651	2.992941	3.614912	3.731447	25.9903	124.0517	0	9.997878	134.0496	0.00726	0	0.000792	0.008052	0.020615	85.88945978	85889	35.64						2
0	5.291907	9.635708	5.681733	0	1.676729	7.358462	26.69939	0	31.52233	58.22171	8.148305	3.18376	12.41398	81.96776	31.94453	0	33.68609	65.63063	8.148307	3.197473	12.46745	89.44386	795.276	0	253.1272	1048.403	0.629495	0	0.022589	0.652084	6.347796	6955.420666	6955421	16.05						2
0	0	0.003289	0.019565	0	0	0.019565	0.070814	0	0	0.070814	0	0	0	0.070814	0.080617	0	0	0.080617	0	0	0	0.080617	0.391909	0	0	0.391909	0.010773	0	0	0.010773	0.000703	11.09299046			11093	18.54				3
0	0.002775	0.313933	0.216444	0	0.000542	0.216986	2.192178	0	0.02045	2.212628	2.274554	1.07813	0.016869	5.58218	2.546065	0	0.022028	2.568093	2.274554	1.082774	0.016941	5.942362	71.99727	0	0.14779	72.14506	0.038481	0	1.35E-05	0.038495	0.075099	410.6017166	410602	4.52						2
0	0	0.001953	0.037658	0	0	0.037658	0.042051	0	0	0.042051	0	0	0	0.042051	0.047873	0	0	0.047873	0	0	0	0.047873	0.155579	0	0	0.155579	0.020673	0	0	0.020673	0.006166	21.3514922			21351	9.70				3
0.015055	0.247431	0.863729	0.492295	0.000365	0.038238	0.530899	4.227242	0.093621	2.049911	6.370774	0.837436	0.430883	1.820325	9.459418	5.040878	0.112308	2.209545	7.36273	0.837436	0.432739	1.828166	10.46107	106.5114	1.179784	11.8133	119.5044	0.065867	0.000477	0.001445	0.067789	0.139938	723.0661714	723066	4.43						2
0.030613	0	0.36879	2.039514	0.082763	0	2.122277	7.280857	0.659093	0	7.93995	0	0	0	7.93995	8.288702	0.750327	0	9.039028	0	0	0	9.039028	18.96997	3.924413	0	22.89438	1.111295	0.045072	0	1.156367	0.295667	1203.311066			1203311	8.26				3
0.001876	0.019255	0.076853	0.084372	3.77E-05	0.004974	0.089384	0.343384	0.010004	0.138615	0.492003	0.059431	0.027707	0.084689	0.66383	0.418265	0.012325	0.148946	0.579537	0.059431	0.027826	0.085054	0.751848	10.74702	0.067399	1.292876	12.1073	0.012401	4.68E-05	0.000113	0.01256	0.029688	133.9755183	133976	4.63						2
0.003246	0	0.041064	0.158614	0.005187	0	0.163802	0.814195	0.069891	0	0.884086	0	0	0	0.884086	0.926899	0.079566	0	1.006465	0	0	0	1.006465	2.256271	0.259553	0	2.515824	0.086734	0.002826	0	0.08956	0.019278	92.87397888			92874	6.97				3
0.008484	0.00382	0.07641	0.030714	0.000239	0.000432	0.031386	0.472368	0.0532	0.029871	0.55544	0.052421	0.02683	0.044028	0.678718	0.55228	0.063995	0.032145	0.648421	0.052421	0.026945	0.044217	0.772005	11.44938	0.35554	0.39089	12.19581	0.002172	0.000127	1.7E-05	0.002315	0.006944	24.6979033	24698	8.42						2
0.002577	0	0.024396	0.099573	0.006035	0	0.105608	0.469751	0.055483	0	0.525234	0	0	0	0.525234	0.534776	0.063163	0	0.597939	0	0	0	0.597939	1.14872	0.310531	0	1.459251	0.054661	0.0033	0	0.057961	0.013715	59.87862046			59879	7.70				3
0	0.000415	0.002823	0.003554	0	0.000182	0.003736	0.013499	0	0.00227	0.015769	0.001235	0.000368	0.001625	0.018996	0.016859	0	0.002424	0.019282	0.001235	0.00037	0.001632	0.022519	0.255311	0	0.043107	0.298418	0.000979	0	2.79E-06	0.000981	0.002598	10.46909559	10469	5.00						2
0	0	0.006845	0.255307	0	0	0.255307	0.147378	0	0	0.147378	0	0	0	0.147378	0.167779	0	0	0.167779	0	0	0	0.167779	1.01185	0	0	1.01185	0.138825	0	0	0.138825	0.023878	144.7566615			144757	5.54				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.434269	0.178574	0	0	0.178574	0.609911	0	0	0.609911	0	0	0	0.609911	4.14402	0	0	4.14402	0	0	0	4.14402	11.6297	0	0	11.6297	0	0	0	0	0.456261	101.2500269					101250	4.21		
0	9.18E-06	0.207189	0.143186	0	0.001577	0.144763	1.527702	0	4.64E-05	1.527748	0.083848	0.050672	0.152105	1.814373	1.922389	0	5.08E-05	1.92244	0.083848	0.050672	0.152105	2.209065	48.8777	0	0.534188	49.41188	0.012348	0	0.000166	0.012514	0.019845	133.4851362	133485	3.39						2
0.247352	0	2.280162	11.10537	0.473196	0	11.57856	43.76585	5.32541	0	49.09126	0	0	0	49.09126	49.82408	6.062574	0	55.88666	0	0	0	55.88666	139.3658	21.46516	0	160.831	6.101707	0.260458	0	6.362165	1.097468	6564.936667			6564937	5.62				3
0.006513	0	0.25473	0.017448	0.000495	0	0.017942	0.044063	0.001156	0	0.045219	0	0	0	0.045219	0.299485	0.007858	0	0.307343	0	0	0	0.307343	0.025226	0.025102	0	0.050328	0	0	0	0	0.016612	10.17315967					10173	2.55		
0	18.19518	34.07926	17.15254	0	4.559583	21.71213	83.39013	0	105.8546	189.2448	54.64867	23.60918	79.11509	346.6177	113.1236	0	115.809	228.9326	54.64867	23.60918	79.11509	386.3055	2601.041	0	1036.862	3637.903	1.815542	0	0.074717	1.890259	27.51564	20162.35985	20162360	23.55						2
0	0	0.028417	0.11287	0	0	0.11287	0.611811	0	0	0.611811	0	0	0	0.611811	0.696507	0	0	0.696507	0	0	0	0.696507	3.498626	0	0	3.498626	0.061569	0	0	0.061569	0.006475	63.99617222			63996	29.61				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	3.022771	6.884404	3.540753	0	0.701355	4.242108	24.2083	0	18.52002	42.72832	11.86648	5.54606	15.12666	75.26751	30.29213	0	20.24454	50.53667	11.86648	5.54606	15.12666	83.07587	648.6962	0	203.4547	852.1509	0.281543	0	0.013068	0.294611	3.851451	3142.454857	3142455	20.18						2
0	0	0.002041	0.011207	0	0	0.011207	0.043951	0	0	0.043951	0	0	0	0.043951	0.050035	0	0	0.050035	0	0	0	0.050035	0.269741	0	0	0.269741	0.006154	0	0	0.006154	0.000491	6.354023474			6354	22.62				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	6.635937	12.21386	8.159484	0	2.31455	10.47403	29.53645	0	38.40194	67.93839	14.26694	5.775818	21.30262	109.2838	40.0526	0	42.02687	82.07947	14.26694	5.775818	21.30262	123.4249	990.4462	0	381.6963	1372.143	0.836767	0	0.031749	0.868516	8.998372	9263.983011	9263983	17.30						2
0	0	0.00014	0.000792	0	0	0.000792	0.003024	0	0	0.003024	0	0	0	0.003024	0.003443	0	0	0.003443	0	0	0	0.003443	0.017093	0	0	0.017093	0.000434	0	0	0.000434	3.23E-05	0.448920884			449	21.04				3
0.075521	0.464007	2.093915	1.272748	0.001889	0.300433	1.57507	8.65967	0.308259	2.728038	11.69597	2.493851	0.933799	5.502244	20.62586	12.35801	0.447585	2.983434	15.78903	2.493851	0.933799	5.502244	24.71893	192.6253	2.406531	41.88581	236.9177	0.240857	0.000818	0.002549	0.244224	1.107938	2604.999758	2605000	8.84						2
0.001553	0	0.13919	1.157055	0.006856	0	1.16391	2.963237	0.033442	0	2.996679	0	0	0	2.996679	3.373448	0.038072	0	3.41152	0	0	0	3.41152	12.16882	0.277187	0	12.44601	0.640362	0.003788	0	0.64415	0.355286	659.9262411			659926	18.09				3
0.009003	0.056474	0.219475	0.134864	0.000224	0.037452	0.172541	0.869614	0.036216	0.333314	1.239144	0.255998	0.099377	0.571216	2.165735	1.219882	0.052533	0.364342	1.636757	0.255998	0.099377	0.571216	2.563348	19.68022	0.281917	4.680295	24.64243	0.031665	0.00011	0.000332	0.032107	0.130151	342.4712868	342471	7.83						2
0.000353	0	0.02878	0.276495	0.002389	0	0.278884	0.612034	0.007593	0	0.619627	0	0	0	0.619627	0.69676	0.008644	0	0.705404	0	0	0	0.705404	2.646254	0.062934	0	2.709188	0.152195	0.001311	0	0.153506	0.07427	158.1246527			158125	15.78				3
0	0.38178	1.855369	0.247942	0	0.018432	0.266374	11.43166	0	3.070317	14.50197	3.21075	3.758037	3.874412	25.34517	12.86308	0	3.331861	16.19494	3.21075	3.758037	3.874412	27.03814	125.5316	0	10.73326	136.2648	0.007501	0	0.000853	0.008354	0.021406	89.10795661	89108	35.46						2
0	5.503829	9.73589	5.632191	0	1.709546	7.341737	23.30773	0	31.85621	55.16395	8.491469	3.1894	11.7838	78.62862	31.20001	0	34.86225	66.06227	8.491469	3.1894	11.7838	89.52694	772.0742	0	260.4218	1032.496	0.701741	0	0.025254	0.726995	6.40036	7754.460891	7754461	15.95						2
0	0	0.003031	0.019693	0	0	0.019693	0.065262	0	0	0.065262	0	0	0	0.065262	0.074296	0	0	0.074296	0	0	0	0.074296	0.380604	0	0	0.380604	0.010834	0	0	0.010834	0.00071	11.16552148			11166	18.62				3
0	0.002531	0.271369	0.189743	0	0.000554	0.190297	1.769062	0	0.018189	1.787251	2.14175	0.9639	0.015281	4.908182	2.215173	0	0.019786	2.234959	2.14175	0.9639	0.015281	5.35589	61.25545	0	0.139063	61.39451	0.037007	0	1.26E-05	0.03702	0.074521	394.8717303	394872	4.54						2
0	0	0.002032	0.043397	0	0	0.043397	0.043741	0	0	0.043741	0	0	0	0.043741	0.049797	0	0	0.049797	0	0	0	0.049797	0.165485	0	0	0.165485	0.023818	0	0	0.023818	0.007134	24.60548615			24605	9.74				3
0.015318	0.232492	0.771281	0.448998	0.000371	0.039449	0.488818	3.329785	0.084009	1.893252	5.307046	0.768103	0.380083	1.624197	8.079428	4.410716	0.11326	2.058472	6.582448	0.768103	0.380083	1.624197	9.354831	91.42384	1.16951	11.70992	104.3033	0.065477	0.00047	0.00137	0.067317	0.143199	718.0344714	718034	4.45						2
0.030204	0	0.380265	2.172498	0.089134	0	2.261632	7.536721	0.650277	0	8.186998	0	0	0	8.186998	8.579984	0.740291	0	9.320274	0	0	0	9.320274	19.89194	3.988424	0	23.88037	1.183748	0.048545	0	1.232294	0.315785	1282.324121			1282324	8.27				3
0.002098	0.019326	0.074628	0.081206	4.45E-05	0.005845	0.087095	0.287421	0.009613	0.135109	0.432144	0.056959	0.025481	0.078081	0.592665	0.399314	0.013679	0.147267	0.560261	0.056959	0.025481	0.078081	0.720783	9.678392	0.073414	1.412884	11.16469	0.013157	5.06E-05	0.000117	0.013325	0.031867	142.1312857	142131	4.65						2
0.003411	0	0.043755	0.169031	0.005538	0	0.174569	0.868616	0.073427	0	0.942043	0	0	0	0.942043	0.988853	0.083592	0	1.072445	0	0	0	1.072445	2.43158	0.272935	0	2.704515	0.09243	0.003016	0	0.095447	0.02059	98.97882351			98979	6.99				3
0.008588	0.003834	0.074125	0.029722	0.000231	0.000473	0.030426	0.424026	0.04828	0.029456	0.501761	0.049059	0.023524	0.040486	0.614831	0.537342	0.065633	0.032063	0.635038	0.049059	0.023524	0.040486	0.748108	10.92055	0.358653	0.395269	11.67447	0.002116	0.000127	1.68E-05	0.002259	0.007119	24.09978947	24100	8.42						2
0.00239	0	0.025288	0.106098	0.006118	0	0.112216	0.492982	0.051453	0	0.544435	0	0	0	0.544435	0.561223	0.058575	0	0.619798	0	0	0	0.619798	1.210897	0.296786	0	1.507682	0.058244	0.003345	0	0.061589	0.014649	63.62547407			63625	7.74				3
0	0.000428	0.002271	0.003081	0	0.0002	0.003281	0.00885	0	0.002199	0.011049	0.001049	0.000289	0.000996	0.013383	0.012914	0	0.002407	0.015321	0.001049	0.000289	0.000996	0.017655	0.196417	0	0.040065	0.236482	0.001022	0	2.77E-06	0.001025	0.002719	10.93528824	10935	5.01						2
0	0	0.006102	0.229786	0	0	0.229786	0.13138	0	0	0.13138	0	0	0	0.13138	0.149567	0	0	0.149567	0	0	0	0.149567	0.909912	0	0	0.909912	0.124971	0	0	0.124971	0.021733	130.2865195			130287	5.60				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.463575	0.180591	0	0	0.180591	0.61549	0	0	0.61549	0	0	0	0.61549	4.179793	0	0	4.179793	0	0	0	4.179793	11.33958	0	0	11.33958	0	0	0	0	0.471765	102.3936182					102394	4.31		
0	1.79E-05	0.165966	0.10609	0	0.001011	0.107102	1.242745	0	9.35E-05	1.242838	0.074135	0.044589	0.131651	1.493213	1.551143	0	0.000102	1.551245	0.074135	0.044589	0.131651	1.80162	40.08522	0	0.371837	40.45706	0.008771	0	0.000143	0.008913	0.013593	95.07292919	95073	3.35						2
0.210337	0	2.178689	11.54115	0.457239	0	11.99839	42.37809	4.528496	0	46.90658	0	0	0	46.90658	48.24423	5.155348	0	53.39958	0	0	0	53.39958	142.4166	19.75845	0	162.1751	6.341301	0.251909	0	6.593211	1.144284	6802.976011			6802976	5.65				3
0.009275	0	0.377767	0.025507	0.000705	0	0.026212	0.065414	0.001646	0	0.06706	0	0	0	0.06706	0.444602	0.01119	0	0.455792	0	0	0	0.455792	0.041804	0.035747	0	0.077551	0	0	0	0	0.02419	14.86179408					14862	2.55		
0	16.7173	30.62754	15.17889	0	4.271291	19.45018	72.80961	0	96.71485	169.5245	49.96959	21.44043	67.41372	308.3482	98.80502	0	105.8102	204.6153	49.96959	21.44043	67.41372	343.439	2334.072	0	938.9907	3273.062	1.786851	0	0.071779	1.85863	25.06087	19824.98503	19824985	23.64						2
0	0	0.023451	0.097227	0	0	0.097227	0.504885	0	0	0.504885	0	0	0	0.504885	0.574778	0	0	0.574778	0	0	0	0.574778	2.994252	0	0	2.994252	0.053073	0	0	0.053073	0.005646	55.12676045			55127	29.97				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	2.850645	6.345674	3.232839	0	0.655554	3.888392	21.66725	0	17.43715	39.1044	11.41581	5.171633	14.04805	69.73989	27.28233	0	19.06315	46.34548	11.41581	5.171633	14.04805	76.98097	589.3029	0	189.7804	779.0833	0.262993	0	0.012298	0.275291	3.552965	2936.382536	2936383	20.20						2
0	0	0.001742	0.009387	0	0	0.009387	0.037495	0	0	0.037495	0	0	0	0.037495	0.042685	0	0	0.042685	0	0	0	0.042685	0.226987	0	0	0.226987	0.005152	0	0	0.005152	0.000412	5.322106627			5322	22.64				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	6.236109	11.21599	7.342799	0	2.187777	9.530576	26.24266	0	35.82901	62.07167	13.18835	5.285954	18.25391	98.79988	35.60573	0	39.21178	74.81751	13.18835	5.285954	18.25391	111.5457	903.5132	0	353.0861	1256.599	0.837711	0	0.031333	0.869044	8.381653	9269.614322	9269614	17.51						2
0	0	0.000162	0.000863	0	0	0.000863	0.003484	0	0	0.003484	0	0	0	0.003484	0.003966	0	0	0.003966	0	0	0	0.003966	0.018698	0	0	0.018698	0.000474	0	0	0.000474	3.52E-05	0.489304869			489	21.08				3
0.078529	0.470247	1.909204	1.164858	0.00194	0.342021	1.508819	7.538729	0.317258	2.716208	10.5722	2.482096	0.911687	5.186699	19.15268	10.75372	0.46095	2.970765	14.18543	2.482096	0.911687	5.186699	22.76591	166.0715	2.473884	40.34586	208.8913	0.24104	0.000836	0.002567	0.244443	1.116186	2607.338942	2607339	8.86						2
0.001773	0	0.174333	1.281688	0.007827	0	1.289515	3.715112	0.03818	0	3.753292	0	0	0	3.753292	4.229408	0.043465	0	4.272873	0	0	0	4.272873	13.9374	0.316451	0	14.25385	0.70907	0.004322	0	0.713391	0.403376	731.1428945			731143	18.54				3
0.008984	0.053583	0.184135	0.119093	0.00022	0.040651	0.159965	0.663499	0.035717	0.304454	1.00367	0.232982	0.086193	0.504314	1.82716	0.944449	0.051959	0.33304	1.329448	0.232982	0.086193	0.504314	2.152937	14.93788	0.278311	4.418475	19.63467	0.030297	0.000108	0.000317	0.030722	0.126204	327.6903421	327690	7.87						2
0.000411	0	0.038466	0.339922	0.002816	0	0.342738	0.819313	0.008844	0	0.828157	0	0	0	0.828157	0.932733	0.010068	0	0.942801	0	0	0	0.942801	3.116838	0.073304	0	3.190142	0.187114	0.001545	0	0.188659	0.089805	194.3291338			194329	15.53				3
0	0.402356	2.008456	0.27284	0	0.019913	0.292753	12.42666	0	3.224913	15.65157	3.455519	4.039599	4.150785	27.29747	13.98362	0	3.499808	17.48343	3.455519	4.039599	4.150785	29.12933	134.1635	0	11.49304	145.6566	0.008258	0	0.000919	0.009177	0.023753	97.88863021	97889	35.50						2
0	5.524794	9.535238	5.528915	0	1.726539	7.255454	21.67596	0	31.80787	53.48384	8.455434	3.147688	10.84824	75.9352	29.1779	0	34.81109	63.989	8.455434	3.147688	10.84824	86.44036	732.4125	0	256.7725	989.185	0.76547	0	0.027172	0.792642	6.376497	8454.684207	8454684	15.92						2
0	0	0.00242	0.01474	0	0	0.01474	0.052101	0	0	0.052101	0	0	0	0.052101	0.059314	0	0	0.059314	0	0	0	0.059314	0.292626	0	0	0.292626	0.008106	0	0	0.008106	0.000528	8.357449858			8357	18.49				3
0	0.002286	0.231006	0.164495	0	0.000564	0.16506	1.500155	0	0.016164	1.516319	1.942089	0.855923	0.013724	4.328055	1.877628	0	0.017585	1.895212	1.942089	0.855923	0.013724	4.706949	51.08331	0	0.127117	51.21043	0.035729	0	1.15E-05	0.035741	0.074462	381.2291563	381229	4.56						2
0	0	0.002132	0.049163	0	0	0.049163	0.045899	0	0	0.045899	0	0	0	0.045899	0.052253	0	0	0.052253	0	0	0	0.052253	0.177685	0	0	0.177685	0.026959	0	0	0.026959	0.008112	27.87520102			27875	9.78				3
0.014319	0.218839	0.702603	0.414332	0.000335	0.037774	0.452441	2.962955	0.0788	1.781366	4.823121	0.720112	0.348521	1.508387	7.400141	3.932554	0.106595	1.937051	5.9762	0.720112	0.348521	1.508387	8.553221	80.43952	1.099918	11.49629	93.03572	0.059398	0.000441	0.001275	0.061114	0.131167	651.8736477	651874	4.46						2
0.029392	0	0.378881	2.258819	0.096819	0	2.355638	7.524394	0.632805	0	8.157199	0	0	0	8.157199	8.56595	0.7204	0	9.28635	0	0	0	9.28635	20.20986	4.03964	0	24.2495	1.230791	0.052745	0	1.283536	0.32938	1335.624644			1335625	8.29				3
0.002343	0.019383	0.071727	0.078095	5.13E-05	0.006878	0.085024	0.263932	0.010366	0.132269	0.406567	0.051173	0.022286	0.067923	0.547948	0.368276	0.014833	0.144227	0.527335	0.051173	0.022286	0.067923	0.668717	8.618999	0.079374	1.519217	10.21759	0.014401	5.43E-05	0.000119	0.014574	0.035299	155.4568297	155457	4.66						2
0.002591	0	0.043768	0.175649	0.004946	0	0.180595	0.886536	0.055774	0	0.94231	0	0	0	0.94231	1.009253	0.063495	0	1.072748	0	0	0	1.072748	2.467152	0.230106	0	2.697258	0.096051	0.002694	0	0.098745	0.021472	102.3955836			102396	7.05				3
0.008279	0.003668	0.069459	0.027609	0.000217	0.000487	0.028313	0.396125	0.046013	0.028112	0.47025	0.045481	0.020834	0.036847	0.573412	0.501116	0.063049	0.030601	0.594765	0.045481	0.020834	0.036847	0.697927	10.10987	0.343751	0.374001	10.82763	0.002005	0.000121	1.58E-05	0.002141	0.007009	22.84175827	22842	8.43						2

0.002201	0	0.025524	0.110347	0.006201	0	0.116548	0.502135	0.04738	0	0.549514	0	0	0	0.549514	0.571642	0.053938	0	0.62558	0	0	0	0.62558	1.242209	0.282931	0	1.525141	0.060576	0.003392	0	0.063968	0.015277	66.08174194			66082	7.77			3
0	0.000432	0.002172	0.002924	0	0.000224	0.003148	0.00849	0	0.002213	0.010702	0.001003	0.000282	0.000889	0.012877	0.012388	0	0.002423	0.014811	0.001003	0.000282	0.000889	0.016985	0.18457	0	0.039549	0.224119	0.001067	0	2.88E-06	0.00107	0.002738	11.41528375	11415	4.84					2
0	0	0.005432	0.2116	0	0	0.2116	0.116943	0	0	0.116943	0	0	0	0.116943	0.13313	0	0	0.13313	0	0	0	0.13313	0.821833	0	0	0.821833	0.115438	0	0	0.115438	0.020485	119.975158			119975	5.74			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	4.446828	0.223268	0	0	0.223268	0.790179	0	0	0.790179	0	0	0	0.790179	5.366325	0	0	5.366325	0	0	0	5.366325	13.50714	0	0	13.50714	0	0	0	0	0.57825	126.590875					126591	4.27	
0	1.65E-05	0.147747	0.09463	0	0.000898	0.095528	1.101042	0	8.66E-05	1.101129	0.070443	0.042069	0.123278	1.336919	1.374708	0	9.48E-05	1.374802	0.070443	0.042069	0.123278	1.610593	36.58799	0	0.363327	36.95132	0.008318	0	0.000136	0.008454	0.013066	90.17748412	90177	3.36					2
0.2194	0	2.167855	11.55225	0.501374	0	12.05363	41.94969	4.723631	0	46.67332	0	0	0	46.67332	47.75653	5.377495	0	53.13402	0	0	0	53.13402	144.5227	21.10492	0	165.6276	6.34756	0.276264	0	6.623824	1.158697	6834.294155			6834294	5.64			3
0.014514	0	0.531009	0.035448	0.001099	0	0.036547	0.090957	0.002473	0	0.093431	0	0	0	0.093431	0.622343	0.017394	0	0.639737	0	0	0	0.639737	0.07787	0.055767	0	0.133637	0	0	0	0	0.033866	20.72192613					20722	2.56	
0	15.80006	28.16949	13.52385	0	4.085712	17.60956	64.79076	0	91.26786	156.0586	48.00485	20.32693	60.4055	284.7959	87.96586	0	99.85111	187.817	48.00485	20.32693	60.4055	316.5542	2114.183	0	878.249	2992.432	1.756858	0	0.070942	1.827801	22.91154	19496.15006	19496150	23.65					2
0	0	0.020001	0.087003	0	0	0.087003	0.430614	0	0	0.430614	0	0	0	0.430614	0.490226	0	0	0.490226	0	0	0	0.490226	2.647281	0	0	2.647281	0.047517	0	0	0.047517	0.005118	49.32984011			49330	30.36			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	2.72521	5.889075	2.935148	0	0.621721	3.556869	19.48512	0	16.68771	36.17283	11.39441	4.970932	13.39738	65.93555	24.65489	0	18.24549	42.90037	11.39441	4.970932	13.39738	72.6631	534.746	0	179.998	714.744	0.245974	0	0.011809	0.257783	3.252666	2749.635225	2749635	20.20					2
0	0	0.001566	0.00862	0	0	0.00862	0.033716	0	0	0.033716	0	0	0	0.033716	0.038383	0	0	0.038383	0	0	0	0.038383	0.205392	0	0	0.205392	0.004728	0	0	0.004728	0.000376	4.887535205			4888	22.49			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	5.955166	10.42596	6.60603	0	2.089365	8.695396	23.53447	0	34.14726	57.68173	12.65658	5.003034	16.3346	91.67594	31.95984	0	37.37183	69.33168	12.65658	5.003034	16.3346	103.3259	823.5217	0	332.9934	1156.515	0.811097	0	0.03094	0.842037	7.708719	8981.54321	8981543	17.65					2
0	0	0.000146	0.000804	0	0	0.000804	0.003149	0	0	0.003149	0	0	0	0.003149	0.003585	0	0	0.003585	0	0	0	0.003585	0.017246	0	0	0.017246	0.000442	0	0	0.000442	3.31E-05	0.455677143			456	21.25			3
0.083351	0.476375	1.74074	1.05943	0.002042	0.395111	1.456583	6.499328	0.332508	2.710887	9.542723	2.469781	0.88789	4.932001	17.8324	9.270143	0.483414	2.965216	12.71877	2.469781	0.88789	4.932001	21.00845	142.217	2.590129	39.49365	184.3007	0.246575	0.000871	0.002639	0.250085	1.150694	2667.524601	2667525	8.88					2
0.001953	0	0.199608	1.341808	0.00862	0	1.350429	4.255391	0.042049	0	4.29744	0	0	0	4.29744	4.84448	0.04787	0	4.89235	0	0	0	4.89235	15.03562	0.348524	0	15.38415	0.742205	0.004758	0	0.746963	0.429436	765.6803058			765680	18.84			3
0.009662	0.054122	0.169083	0.111046	0.000235	0.047291	0.158571	0.559346	0.037978	0.300126	0.89745	0.233955	0.08245	0.486905	1.700759	0.805881	0.055342	0.328461	1.189685	0.233955	0.08245	0.486905	1.992994	12.5056	0.295996	4.458069	17.25966	0.031238	0.000114	0.00033	0.031682	0.131115	337.9381351	337938	7.89					2
0.000484	0	0.048242	0.400813	0.003341	0	0.404154	1.028205	0.010421	0	1.038627	0	0	0	1.038627	1.170543	0.011864	0	1.182407	0	0	0	1.182407	3.596076	0.086377	0	3.682452	0.220604	0.001833	0	0.222437	0.104764	229.151425			229151	15.36			3
0	0.438523	2.197219	0.30068	0	0.022163	0.322843	13.59023	0	3.508462	17.09869	3.843161	4.479106	4.591771	30.01273	15.29242	0	3.807663	19.10008	3.843161	4.479106	4.591771	32.01412	144.7383	0	12.68736	157.4257	0.009112	0	0.001021	0.010133	0.026353	108.085354	108085	35.45					2
0	5.431838	9.123196	5.177907	0	1.704278	6.882185	19.77361	0	31.25289	51.02651	8.433366	3.108989	10.04836	72.61722	26.7174	0	34.2048	60.9222	8.433366	3.108989	10.04836	82.51291	675.5283	0	248.9825	924.5109	0.801008	0	0.028773	0.829781	6.163003	8850.823884	8850824	15.92					2
0	0	0.002047	0.012639	0	0	0.012639	0.04407	0	0	0.04407	0	0	0	0.04407	0.05017	0	0	0.05017	0	0	0	0.05017	0.250191	0	0	0.250191	0.006946	0	0	0.006946	0.000453	7.166420833			7166	18.49			3
0	0.002077	0.194997	0.141442	0	0.00057	0.142012	1.259066	0	0.014454	1.273519	1.772486	0.768465	0.012423	3.826893	1.577493	0	0.015726	1.593219	1.772486	0.768465	0.012423	4.146592	42.28307	0	0.117767	42.40084	0.033786	0	1.07E-05	0.033796	0.072195	360.4854873	360485	4.58					2
0	0	0.002222	0.054656	0	0	0.054656	0.047849	0	0	0.047849	0	0	0	0.047849	0.054473	0	0	0.054473	0	0	0	0.054473	0.189216	0	0	0.189216	0.029951	0	0	0.029951	0.009044	30.98942133			30989	9.81			3
0.014146	0.207656	0.635892	0.373713	0.000329	0.038201	0.412243	2.59833	0.076664	1.68485	4.359845	0.677879	0.322014	1.409275	6.769013	3.45547	0.10427	1.83236	5.392099	0.677879	0.322014	1.409275	7.801267	70.02071	1.073961	11.38263	82.4773	0.056369	0.000429	0.001212	0.058011	0.126323	618.7718388	618772	4.47					2
0.029889	0	0.372597	2.263038	0.105787	0	2.368825	7.378428	0.643491	0	8.02192	0	0	0	8.02192	8.399779	0.732566	0	9.132345	0	0	0	9.132345	20.10475	4.204573	0	24.30932	1.233086	0.057641	0	1.290727	0.331868	1343.101434			1343101	8.27			3
0.00289	0.020544	0.071457	0.075349	6.69E-05	0.00893	0.084346	0.249842	0.012266	0.135837	0.397945	0.0503	0.021224	0.064823	0.534292	0.349954	0.017634	0.148176	0.515764	0.0503	0.021224	0.064823	0.652111	7.886201	0.094136	1.712269	9.692606	0.016927	6.39E-05	0.000133	0.017124	0.041826	182.6539402	182654	4.68					2
0.002703	0	0.043067	0.175943	0.00559	0	0.181533	0.869027	0.058184	0	0.927211	0	0	0	0.927211	0.989321	0.066238	0	1.055559	0	0	0	1.055559	2.429249	0.252034	0	2.681283	0.09621	0.003045	0	0.099256	0.02156	102.9273384			102927	7.03			3
0.008494	0.003802	0.068809	0.026873	0.000219	0.000536	0.027628	0.390935	0.04664	0.029043	0.466618	0.044823	0.019536	0.036243	0.56722	0.493886	0.064412	0.031616	0.589914	0.044823	0.019536	0.036243	0.690516	9.88044	0.350644	0.371287	10.60237	0.001989	0.000123	1.58E-05	0.002127	0.007192	22.6916296	22692	8.43					2
0.002448	0	0.028077	0.110969	0.006423	0	0.117393	0.551784	0.052701	0	0.604486	0	0	0	0.604486	0.628165	0.059996	0	0.688161	0	0	0	0.688161	1.361457	0.308714	0	1.670171	0.060917	0.003526	0	0.064442	0.015366	66.56066239			66561	7.74			3
0	0.000462	0.002604	0.003307	0	0.000261	0.003567	0.010786	0	0.002376	0.013162	0.001219	0.000357	0.001105	0.015844	0.015739	0	0.002601	0.01834	0.001219	0.000357	0.001105	0.021022	0.25341	0	0.043851	0.29726	0.001044	0	3.12E-06	0.001048	0.003092	11.17377348	11174	5.58					2
0	0	0.005369	0.200712	0	0	0.200712	0.115594	0	0	0.115594	0	0	0	0.115594	0.131596	0	0	0.131596	0	0	0	0.131596	0.783374	0	0	0.783374	0.109577	0	0	0.109577	0.020326	113.8015631			113802	6.00			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	5.145081	0.244407	0	0	0.244407	0.914214	0	0	0.914214	0	0	0	0.914214	6.208916	0	0	6.208916	0	0	0	6.208916	13.1938	0	0	13.1938	0	0	0	0	0.637359	138.5765983					138577	4.30	
0	1.92E-05	0.128422	0.083214	0	0.00075	0.083964	0.952481	0	0.000101	0.952582	0.062714	0.037262	0.108891	1.161449	1.190306	0	0.00011	1.190417	0.062714	0.037262	0.108891	1.399284	32.51433	0	0.354574	32.86891	0.007881	0	0.000124	0.008004	0.012635	85.37524535	85375	3.38					2
0.211459	0	2.175318	11.93358	0.507359	0	12.44093	42.28135	4.552645	0	46.83399	0	0	0	46.83399	48.13409	5.18284	0	53.31693	0	0	0	53.31693	146.8804	20.56648	0	167.4468	0.717255	0.030494	0	0.747749	1.245146	7053.893154			7053893	5.65			3
0.018228	0	0.597257	0.039904	0.001357	0	0.041261	0.0917	0.002558	0	0.094258	0	0	0	0.094258	0.685992	0.021221	0	0.707212	0	0	0	0.707212	0.357824	0.068278	0	0.426102	0	0	0	0	0.042641	23.39446994					23394	2.83	
0	14.73944	25.66546	12.01481	0	3.886349	15.90116	57.07872	0	84.75228	141.831	45.2483	18.85798	53.16043	259.0977	77.61108	0	92.72454	170.3356	45.2483	18.85798	53.16043	287.6023	1900.22	0	808.9168	2709.136	1.733965	0	0.069416	1.803381	21.03624	19235.68299	19235683	23.72					2
0	0	0.017238	0.078951	0	0	0.078951	0.371125	0	0	0.371125	0	0	0	0.371125	0.422501	0	0	0.422501	0	0	0	0.422501	2.370272	0	0	2.370272	0.004748	0	0	0.004748	0.004709	44.76457274			44765	30.78			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	2.537956	5.35885	2.618552	0	0.578293	3.196845	17.26489	0	15.52498	32.78987	10.97295	4.62892	12.34034	60.73208	21.93894	0	16.97559	38.91454	10.97295	4.62892	12.34034	66.85674	477.0661	0	165.6787	642.7447	0.230258	0	0.011123	0.241382	2.951546	2574.685206	2574685	20.24					2
0	0	0.001394	0.00798	0	0	0.00798	0.030009	0	0	0.030009	0	0	0	0.030009	0.034164	0	0	0.034164	0	0	0	0.034164	0.184951	0	0	0.184951	0.00048	0	0	0.00048	0.000344	4.524616204			4525	22.26			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	5.658777	9.686619	5.965592	0	1.9941	7.959692	21.1439	0	32.30419	53.44809	12.12933	4.729617	14.56059	84.86762	28.7515	0	35.35536	64.10685	12.12933	4.729617	14.56059	95.52638	751.8693	0	311.7414	1063.611	0.802674	0	0.030702	0.833376	7.186272	8889.163881	8889164	17.80					2
0	0	0.000147	0.000804	0	0	0.000804	0.003155	0	0	0.003155	0	0	0	0.003155	0.003591	0	0	0.003591	0	0	0	0.003591	0.01727	0	0	0.01727	4.84E-05	0	0	4.84E-05	3.35E-05	0.45598072			456	21.49			3
0.084653	0.471035	1.578334	0.957987	0.002052	0.423923	1.383962	5.594257	0.3355	2.649427	8.579184	2.387681	0.845815	4.584701	16.39738	7.982186	0.488036	2.898277	11.3685	2.387681	0.845815	4.584701	19.18669	121.9032	2.611566	37.69415	162.2089	0.240109	0.000875	0.002621	0.243605	1.126197	2598.398072	2598398	8.90					2
0.002043	0	0.204775	1.355069	0.009018	0	1.364087	4.364707	0.043987	0	4.408694	0	0	0	4.408694	4.968928	0.050077	0	5.019005	0	0	0	5.019005	15.03645	0.364591	0	15.40104	0.081498	0.000542	0	0.08204	0.44507	773.4244757			773424	18.68			3
0.009306	0.04949	0.133241	0.08999	0.000224	0.048578	0.138792	0.386501	0.036173	0.267784	0.690457	0.200492	0.070631	0.397764	1.359344	0.555407	0.052719	0.29307	0.901196	0.200492	0.070631	0.397764	1.570083	8.47514	0.281451	3.818108	12.5747	0.028823	0.000108	0.000307	0.029238	0.121405	311.8645084	311865	7.90					2
0.000521	0	0.050722	0.421268	0.003614	0	0.424881	1.080797	0.011225	0	1.092023	0	0	0	1.092023	1.230416	0.012779	0	1.243195	0	0	0	1.243195	3.65964	0.09304	0	3.75268	0.025336	0.000217	0	0.025554	0.113432	240.9037998			240904	15.13			3
0	0.459968	2.298507	0.315607	0	0.02364	0.339247	14.19812	0	3.674057	17.87218	4.079804	4.762876	4.868634	31.5835	15.97621	0	3.9875	19.96371	4.079804	4.762876	4.868634	33.67502	149.8167	0	13.45089	163.2676	0.009575	0	0.001088	0.010663	0.030096	113.7349085	113735	35.37					2
0	5.292248	8.679245	4.827581	0	1.673897	6.501478	17.96386	0	30.36629	48.33015	8.307977	3.039974	9.209752	68.88785	24.37433	0	33.23557	57.6099	8.307977	3.039974	9.209752	78.1676	621.7285	0	238.2981	860.0266	0.813036	0	0.029451	0.842487	5.884442	8986.344911	8986345	15.90					2
0	0	0.001756	0.011285	0	0	0.011285	0.03781	0	0	0.03781	0	0	0	0.03781	0.043044	0	0	0.043044	0	0	0	0.043044	0.219537	0	0	0.219537	0.000679	0	0	0.000679	0.000405	6.398546578			6399	18.53			3
0	0.001872	0.165127	0.122615	0	0.000566	0.123181	1.058563	0	0.012798	1.071361	1.614996	0.685573	0.011206	3.383135	1.328551	0	0.013927	1.342477	1.614996	0.685573	0.011206	3.654251	35.10745	0	0.108821	35.21628	0.031947	0	9.81E-06	0.031957	0.069717	340.8700674	340870	4.59					2
0	0	0.002272	0.058971	0	0	0.058971	0.048909	0	0	0.048909	0	0	0	0.048909	0.05568	0	0	0.05568	0	0	0	0.05568	0.194542	0	0	0.194542	0.003547	0	0	0.003547	0.010179	33.43572631			33436	9.81			3
0.014376	0.197378	0.584169	0.354435	0.000327	0.039286	0.394047	2.305277	0.075985	1.583297	3.964559	0.616417	0.287532	1.268767	6.137275	3.074436	0.104228	1.722315	4.900979	0.616417	0.287532	1.268767	7.073695	61.83525	1.069744	11.49212	74.39711	0.056795	0.000425	0.001154	0.058374	0.129735	622.6464793	622646	4.49					2
0.028749	0	0.371781	2.339154	0.11043	0	2.449584	7.385386	0.618965	0	8.004351	0	0	0	8.004351	8.407699	0.704645	0	9.112344	0	0	0	9.112344	20.31852	4.138477	0	24.45699	0.140592	0.006637	0	0.14723	0.354302	1388.891255			1388891	8.27			3
0.003052	0.020343	0.067865	0.069691	7.19E-05	0.009705	0.079468	0.229279	0.012744	0.131902	0.373926	0.046789	0.01947	0.05861	0.498796	0.322195	0.018366	0.143925	0.484486	0.046789	0.01947	0.05861	0.609356	6.972401	0.097924	1.74898	8.819305	0.017348	6.62E-05	0.000134	0.017548	0.042991	187.1711951	187171	4.68					2
0.002679	0	0.044562	0.181891	0.005723	0	0.187614	0.901721	0.057679	0	0.9594	0	0	0	0.9594	1.026541	0.065663	0	1.092204	0	0	0	1.092204	2.531155	0.251921	0	2.783076	0.010932	0.000344	0	0.011276	0.022747	106.3752231			106375	7.04			3
4.12E-06	0	1.61E-05	4.67E-06	2.13E-07	0	4.88E-06	1.71E-07	5.88E-08	0	2.3E-07	0	0	0	2.3E-07	1.22E-05	4.2E-06	0	1.64E-05	0	0	0	1.64E-05	6.74E-05	4.19E-06	0	7.16E-05	0	0	0	0	2.68E-05	0.00276657					3	8.29	
0.008325	0.003653	0.06473	0.025023	0.000213	0.000547	0.025783	0.365328	0.045228	0.027818	0.438375	0.042259	0.017719	0.033818	0.53217	0.461426	0.06283	0.030283	0.554539	0.042259	0.017719	0.033818	0.648335	9.121512	0.341429	0.352142	9.815083	0.001894	0.000119	1.5E-05	0.002029	0.007035	21.63891929	21639	8.44					2
0.002319	0	0.027757	0.114145	0.006753	0	0.120898	0.547673	0.049923	0	0.597596	0	0	0	0.597596	0.623484	0.056833	0	0.680318	0	0	0	0.680318	1.357859	0.303783	0	1.661641	0.006861	0.000406	0	0.007266	0.016068	68.54830078			68548	7.76			3
0.001004	0	0.005331	0.000307	5.19E-05	0	0.000359	6.18E-05	1.43E-05	0	7.62E-05	0	0	0	7.62E-05	0.004416	0.001025	0	0.005441	0	0	0	0.005441	0.015625	0.001022	0	0.016647	0	0	0	0	0.000924	0.20350438					204	3.89	
0	0.000457	0.001723	0.002407	0	0.000309	0.002715	0.006014	0	0.002268	0.008281	0.00105	0.000296	0.000811	0.010439	0.008775	0	0.002483	0.011258	0.00105	0.000296	0.000811	0.013416	0.130803	0	0.040516	0.171319	0.001192	0	3.22E-06	0.001195	0.00363	12.74375186	12744	5.74					2
0	0	0.005138	0.194229	0	0	0.194229	0.110613	0	0	0.110613	0	0	0	0.110613	0.125924	0	0	0.125924	0	0	0	0.125924	0.752429	0	0	0.752429	0.011681	0	0	0.011681	0.019716	110.1259922			110126	6.01			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	5.67346	0.259942	0	0	0.259942	1.008151	0	0	1.008151	0	0	0	1.008151	6.846597	0	0	6.846597	0	0	0	6.846597	12.95875	0	0	12.95875	0	0	0	0	0.679749	147.3848955					147385	4.31	
0	1.38E-05	0.114173	0.076734	0	0.000703	0.077437	0.84331	0	7.26E-05	0.843382	0.047653	0.034492	0.103589	1.029117	1.055219	0	7.95E-05	1.055299	0.047653	0.034492	0.103589	1.241034	29.89783	0	0.35674	30.25457	0.007527	0	0.000116	0.007643	0.012232	81.52195427	81522	3.40					2
0.114848	0	1.894355	10.9765	0.242423	0	11.21892	38.3123	2.472643	0	40.78494	0	0	0	40.78494	43.61563	2.814916	0	46.43055	0	0	0	46.43055	134.961	6.580523	0	141.5415	0.659731	0.014571	0	0.674302	1.16937	6361.02369			6361024	5.77			3
0.027022	0	0.631955	0.043422	0.001904	0	0.045327	0.083519	0.002716	0	0.086235	0	0	0	0.086235	0.702686	0.030232	0	0.732919	0	0	0	0.732919	0.741087	0.089739	0	0.830826	0	0	0	0	0.056971	25.69972967					25700	3.20	
0	13.61224	23.09588	10.49743	0	3.655887	14.15332	49.43581	0	77.99919	127.435	40.35755	17.33859	46.62521	231.7564	67.33325	0	85.33827	152.6715	40.35755	17.33859	46.62521	256.9929	1675.711	0	738.3563	2414.067	1.659973	0	0.066919	1.726893	18.95312	18419.8217	18419822	23.76					2
0	0	0.014509	0.069893	0	0	0.069893	0.312361	0	0	0.312361	0	0	0	0.312361	0.355602	0	0	0.355602	0	0	0	0.355602	2.067781	0	0	2.067781	0.004204	0	0	0.004204	0.004221	39.62844443			39628	31.17			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	2.328602	4.773149	2.264717	0	0.537607	2.802325	14.90559	0	14.19145	29.09705	9.699078	4.224819	11.02918	54.05013	18.99247	0	15.51846	34.51093	9.699078	4.224819	11.02918	59.46402	414.0334	0	149.5695	563.6029	0.221576	0	0.010607	0.232183	2.662959	2476.568378	2476568	20.31					2
0	0	0.001241	0.007326	0	0	0.007326	0.026722	0	0	0.026722	0	0	0	0.026722	0.030421	0	0	0.030421	0	0	0	0.030421	0.165426	0	0	0.165426	0.000441	0	0	0.000441	0.000314	4.153990652			4154	22.12			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	5.348459	8.966517	5.339973	0	1.883983	7.223957	19.00483	0	30.50048	49.50531	11.41639	4.556482	13.28465	78.76283	25.86494	0	33.38169	59.24663	11.41639	4.556482	13.28465	88.50415	681.0214	0	291.2238	972.2452	0.766106	0	0.029921	0.796027	6.56258	8490.78155	8490782	17.89					2
0	0	0.000136	0.000806	0	0	0.000806	0.002934	0	0	0.002934	0	0	0	0.002934	0.00334	0	0	0.00334	0	0	0	0.00334	0.016738	0	0	0.016738	4.85E-05	0	0	4.85E-05	3.4E-05	0.456824845			457	21.81			3
0.082154	0.452557	1.380422	0.829633	0.001974	0.428424	1.26003	4.597927	0.325196	2.518827	7.44195	2.198923	0.782019	4.157134	14.58003	6.562116	0.473261	2.755661	9.791038	2.198923	0.782019	4.157134	16.92911	100.0052	2.529927	35.05648	137.5916	0.21984	0.000845	0.002506	0.22319	1.039209	2380.647967	2380648	8.94					2
0.002093	0	0.203621	1.328353	0.009237	0	1.337591	4.338775	0.045059	0	4.383834	0	0	0	4.383834	4.939407	0.051297	0	4.990703	0	0	0	4.990703	14.68558	0.373474	0	15.05905	0.079891	0.000556	0	0.080446	0.444613	758.4012877			758401	18.52			3
0.010202	0.054234	0.143772	0.092234	0.000244	0.05496	0.147438	0.415035	0.039739	0.294553	0.749327	0.227808	0.078659	0.434562	1.490356	0.598319	0.057931	0.322393	0.978644	0.227808	0.078659	0.434562	1.719673	9.231893	0.309188	4.20546	13.74654	0.030186	0.000118	0.000338	0.030642	0.128418	326.8383749	326838	7.97					2
0.00056	0	0.052751	0.442524	0.003901	0	0.446424	1.123633	0.012065	0	1.135698	0	0	0	1.135698	1.279181	0.013736	0	1.292917	0	0	0	1.292917	3.695947	0.100004	0	3.795951	0.026615	0.000235	0	0.026849	0.122409	253.1184926			253118	14.89			3
0	0.464724	2.157686	0.298477	0	0.023906	0.322382	12.97324	0	3.700651	16.67389	4.399777	5.141415	5.247935	31.46302	14.64172	0	4.016683	18.6584	4.399777	5.141415	5.247935	33.44753	136.8097	0	13.89193	150.7017	0.009722	0	0.00111	0.010832	0.033404	115.5420507	115542	36.37					2
0	5.124027	8.190968	4.441439	0	1.627281	6.06872	16.08647	0	29.39489	45.48136	7.933717	2.963972	8.56999	64.94904	21.95635	0	32.17372	54.13007	7.933717	2.963972	8.56999	73.59775	562.6543	0	226.7776	789.4319	0.79005	0	0.029363	0.819412	5.491452	8740.222707	8740223	15.89					2
0	0	0.00147	0.010095	0	0	0.010095	0.031649	0	0	0.031649	0	0	0	0.031649	0.03603	0	0	0.03603	0	0	0	0.03603	0.187135	0	0	0.187135	0.000607	0	0	0.000607	0.000364	5.723538533			5724	18.60			3
0	0.001649	0.136048	0.103102	0	0.00054	0.103642	0.866205	0	0.011097	0.877302	1.336564	0.60028	0.009899	2.824044	1.088948	0	0.012077	1.101025	1.336564	0.60028	0.009899	3.047767	28.39512	0	0.09806	28.49318	0.028788	0	8.8E-06	0.028797	0.063767	307.1649142	307165	4.60					2
0	0	0.002176	0.057929	0	0	0.057929	0.04684	0	0	0.04684	0	0	0	0.04684	0.053324	0	0	0.053324	0	0	0	0.053324	0.186535	0	0	0.186535	0.003484	0	0	0.003484	0.010322	32.84495245			32845	9.80			3
0.013881	0.182289	0.511598	0.299429	0.000318	0.038735	0.338481	1.963152	0.071912	1.459767	3.494831	0.493903	0.259645	1.156346	5.404725	2.611093	0.099014	1.58798	4.298086	0.493903	0.259645	1.156346	6.20798	52.11992	1.014668	10.81174	63.94633	0.052727	0.000402	0.001071	0.0542	0.121635	578.1170547	578117	4.50					2
0.027455	0	0.332746	2.156721	0.115187	0	2.271908	6.572833	0.591103	0	7.163936	0	0	0	7.163936	7.48267	0.672926	0	8.155596	0	0	0	8.155596	18.22286	4.031835	0	22.25469	0.129627	0.006923	0	0.136551	0.334307	1288.150749			1288151	8.21			3
0.000684	0	0.001096	0.000149	3.54E-05	0	0.000184	5.88E-06	9.78E-06	0	1.57E-05	0	0	0	1.57E-05	0.00042	0.000698	0	0.001118	0	0	0	0.001118	0.002141	0.000696	0	0.002837	0	0	0	0	0.000809	0.104435488					104	6.63	
0.003303	0.020444	0.064799	0.064283	7.95E-05	0.010587	0.07495	0.210531	0.013551	0.130406	0.354488	0.041394	0.018311	0.055004	0.469197	0.296486	0.01957	0.142325	0.458382	0.041394	0.018311	0.055004	0.57309	6.184582	0.104239	1.823242	8.112063	0.017956	7.03E-05	0.000138	0.018165	0.044648	193.7526395	193753	4.68					2
0.002232	0	0.039921	0.167203	0.005137	0	0.17234	0.811425	0.048056	0	0.859481	0	0	0	0.859481	0.923746	0.054708	0	0.978453	0	0	0	0.978453	2.301901	0.21055	0	2.512451	0.01005	0.000309	0	0.010358	0.021476	97.71511162			97715	7.04			3
0.00017	0	0.001326	0.000428	8.79E-06	0	0.000437	1.65E-05	2.43E-06	0	1.89E-05	0	0	0	1.89E-05	0.001179	0.000174	0	0.001353	0	0	0	0.001353	0.006136	0.000173	0	0.006309	0	0	0	0	0.002381	0.247671982					248	8.23	

0.008862	0.003648	0.062078	0.023598	0.000236	0.000614	0.024448	0.344048	0.047199	0.027613	0.41886	0.036836	0.01687	0.03246	0.505026	0.433861	0.065887	0.030063	0.529811	0.036836	0.01687	0.03246	0.615977	8.529338	0.357116	0.346444	9.232897	0.001912	0.000124	1.51E-05	0.002051	0.007339	21.87526632	21875	8.48						2
0.002277	0	0.024952	0.104315	0.007138	0	0.111453	0.488192	0.049028	0	0.537219	0	0	0	0.537219	0.555769	0.055814	0	0.611583	0	0	0	0.611583	1.21696	0.30265	0	1.51961	0.00627	0.000429	0	0.006699	0.014909	63.19262979			63193	7.70				3
0.003436	0	0.023205	0.001411	0.000178	0	0.001588	0.000282	4.91E-05	0	0.000332	0	0	0	0.000332	0.020175	0.003507	0	0.023683	0	0	0	0.023683	0.071055	0.003498	0	0.074552	0	0	0	0	0.004439	0.900412015					900	4.22		
0	0.00069	0.003027	0.004191	0	0.000485	0.004676	0.011237	0	0.003292	0.014529	0.00147	0.000417	0.001093	0.017509	0.016397	0	0.003604	0.020001	0.00147	0.000417	0.001093	0.022981	0.253802	0	0.055577	0.30938	0.001886	0	5.08E-06	0.001891	0.005669	20.17466285	20175	5.67						2
0	0	0.004649	0.177652	0	0	0.177652	0.100088	0	0	0.100088	0	0	0	0.100088	0.113943	0	0	0.113943	0	0	0	0.113943	0.670043	0	0	0.670043	0.010684	0	0	0.010684	0.018405	100.7270194			100727	6.07				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.650769	0.268045	0	0	0.268045	0.997242	0	0	0.997242	0	0	0	0.997242	6.811367	0	0	6.811367	0	0	0	6.811367	13.1707	0	0	13.1707	0	0	0	0	0.697479	151.9790193					151979	4.29		
0	6.96E-06	0.104619	0.070397	0	0.000602	0.070999	0.77012	0	3.68E-05	0.770157	0.044703	0.031911	0.096976	0.943746	0.964181	0	4.03E-05	0.964221	0.044703	0.031911	0.096976	1.13781	27.60861	0	0.332645	27.94126	0.007077	0	0.000109	0.007186	0.011355	76.6537242	76654	3.35						2
0.104564	0	1.679687	9.930285	0.244434	0	10.17472	33.91196	2.251237	0	36.16319	0	0	0	36.16319	38.60618	2.562862	0	41.16904	0	0	0	41.16904	120.4735	6.103211	0	126.5767	0.596849	0.014691	0	0.611541	1.078717	5768.970701			5768971	5.76				3
0.040456	0	0.720978	0.050668	0.002758	0	0.053427	0.075323	0.002877	0	0.0782	0	0	0	0.0782	0.769262	0.043908	0	0.81317	0	0	0	0.81317	1.373651	0.125127	0	1.498778	0	0	0	0	0.079812	30.29243906					30292	3.63		
0	12.94334	21.73789	9.792164	0	3.517898	13.31006	45.56585	0	73.85338	119.4192	39.16996	16.51818	42.8534	217.9608	62.26081	0	80.80572	143.0665	39.16996	16.51818	42.8534	241.6081	1567.856	0	692.5568	2260.413	1.658954	0	0.065963	1.724917	17.98385	18398.75083	18398751	23.56						2
0	0	0.013056	0.073448	0	0	0.073448	0.281096	0	0	0.281096	0	0	0	0.281096	0.320009	0	0	0.320009	0	0	0	0.320009	1.924332	0	0	1.924332	0.004417	0	0	0.004417	0.004586	41.6443915			41644	32.23				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	2.142141	4.316951	2.04155	0	0.499584	2.541134	13.06921	0	12.97679	26.04599	9.187743	3.831709	10.01316	49.07861	16.77831	0	14.19201	30.97032	9.187743	3.831709	10.01316	54.00293	370.0119	0	135.5681	505.58	0.215341	0	0.01006	0.225401	2.472387	2404.226576	2404227	20.18						2
0	0	0.001127	0.007072	0	0	0.007072	0.024262	0	0	0.024262	0	0	0	0.024262	0.02762	0	0	0.02762	0	0	0	0.02762	0.151309	0	0	0.151309	0.000425	0	0	0.000425	0.000301	4.009740691			4010	21.94				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	5.144959	8.566815	5.049739	0	1.809598	6.859337	17.90397	0	29.26212	47.16609	11.2785	4.457428	12.39261	75.29463	24.42281	0	32.02698	56.44979	11.2785	4.457428	12.39261	84.57834	646.5377	0	276.0165	922.5542	0.760977	0	0.029556	0.790532	6.259411	8432.176222	8432176	17.77						2
0	0	0.000142	0.00093	0	0	0.00093	0.003049	0	0	0.003049	0	0	0	0.003049	0.003471	0	0	0.003471	0	0	0	0.003471	0.018325	0	0	0.018325	5.6E-05	0	0	5.6E-05	4.01E-05	0.527505199			528	22.24				3
0.077205	0.42929	1.232419	0.741008	0.001837	0.414206	1.157051	3.927213	0.306052	2.371701	6.604965	2.099499	0.734564	3.81703	13.25606	5.605846	0.445553	2.594883	8.646283	2.099499	0.734564	3.81703	15.29738	85.35791	2.38031	32.02985	119.7681	0.202391	0.000803	0.002366	0.205561	0.946879	2192.60202	2192602	8.83						2
0.00205	0	0.200002	1.259008	0.009047	0	1.268055	4.261792	0.044131	0	4.305923	0	0	0	4.305923	4.851767	0.050241	0	4.902007	0	0	0	4.902007	14.34287	0.365785	0	14.70866	0.07572	0.000544	0	0.076264	0.423404	718.9752224			718975	18.44				3
0.009675	0.051418	0.128951	0.082155	0.00023	0.053898	0.136283	0.35273	0.037679	0.276995	0.667403	0.217159	0.074519	0.396493	1.355575	0.508697	0.054934	0.303188	0.866819	0.217159	0.074519	0.396493	1.55499	7.867996	0.293004	3.871044	12.03204	0.028101	0.000113	0.000322	0.028536	0.118763	304.3819159	304382	7.91						2
0.000545	0	0.05149	0.417655	0.003806	0	0.421461	1.096812	0.011741	0	1.108552	0	0	0	1.108552	1.248647	0.013366	0	1.262013	0	0	0	1.262013	3.576949	0.097314	0	3.674262	0.025119	0.000229	0	0.025348	0.116144	238.9641855			238964	14.80				3
0	0.442423	1.960165	0.271952	0	0.022624	0.294577	11.55733	0	3.515244	15.07257	4.228041	5.090776	5.199135	29.59052	13.08186	0	3.815719	16.89758	4.228041	5.090776	5.199135	31.41553	122.4002	0	13.50754	135.9078	0.009295	0	0.001076	0.010372	0.032595	110.629984	110630	36.32						2
0	4.956312	7.85775	4.246751	0	1.571367	5.818119	15.08396	0	28.43039	43.51435	7.890703	2.947477	8.122155	62.47468	20.6829	0	31.11898	51.80188	7.890703	2.947477	8.122155	70.76221	529.5278	0	215.0643	744.592	0.772589	0	0.028796	0.801385	5.209395	8547.934268	8547934	15.70						2
0	0	0.001329	0.014446	0	0	0.014446	0.028608	0	0	0.028608	0	0	0	0.028608	0.032568	0	0	0.032568	0	0	0	0.032568	0.176884	0	0	0.176884	0.000869	0	0	0.000869	0.000537	8.190952474			8191	19.18				3
0	0.001521	0.123284	0.094693	0	0.000521	0.095214	0.779738	0	0.01012	0.789858	1.282143	0.559184	0.009318	2.640504	0.9832	0	0.011015	0.994216	1.282143	0.559184	0.009318	2.844861	25.36949	0	0.092646	25.46214	0.027511	0	8.33E-06	0.02752	0.060598	293.5389944	293539	4.55						2
0	0	0.002147	0.056772	0	0	0.056772	0.046226	0	0	0.046226	0	0	0	0.046226	0.052625	0	0	0.052625	0	0	0	0.052625	0.184265	0	0	0.184265	0.003414	0	0	0.003414	0.01026	32.18919106			32189	9.80				3
0.012613	0.162614	0.443776	0.25716	0.000284	0.03566	0.293104	1.676204	0.064666	1.298159	3.039029	0.434193	0.224226	0.99928	4.696727	2.220718	0.089294	1.412157	3.722169	0.434193	0.224226	0.99928	5.379868	44.23237	0.91376	9.695008	54.84114	0.04813	0.000365	0.00096	0.049455	0.11027	527.5058347	527506	4.45						2
0.0246	0	0.297819	1.954048	0.1103	0	2.064348	5.88234	0.529621	0	6.411961	0	0	0	6.411961	6.696596	0.602934	0	7.29953	0	0	0	7.29953	16.40452	3.676181	0	20.0807	0.117446	0.006629	0	0.124075	0.30704	1170.466194			1170466	8.18				3
0.002807	0	0.006201	0.001264	0.000145	0	0.001409	4.85E-05	4.01E-05	0	8.86E-05	0	0	0	8.86E-05	0.003464	0.002865	0	0.006328	0	0	0	0.006328	0.018222	0.002857	0	0.021079	0	0	0	0	0.007036	0.799014782					799	7.54		
0.003515	0.020431	0.062962	0.0611	8.62E-05	0.011318	0.072504	0.199283	0.014181	0.128148	0.341612	0.040309	0.017266	0.051663	0.45085	0.280999	0.020513	0.139887	0.441398	0.040309	0.017266	0.051663	0.550637	5.668846	0.109168	1.868766	7.64678	0.019239	7.44E-05	0.000143	0.019457	0.047299	207.5326324	207533	4.62						2
0.002024	0	0.033627	0.150425	0.004925	0	0.15535	0.680392	0.043579	0	0.723972	0	0	0	0.723972	0.774575	0.049612	0	0.824186	0	0	0	0.824186	1.949505	0.193256	0	2.142761	0.009041	0.000296	0	0.009337	0.01992	88.08200192			88082	6.99				3
0.000897	0	0.006102	0.001916	4.64E-05	0	0.001962	7.44E-05	1.28E-05	0	8.72E-05	0	0	0	8.72E-05	0.005312	0.000916	0	0.006227	0	0	0	0.006227	0.027438	0.000913	0	0.028352	0	0	0	0	0.010618	1.112631917					1113	8.17		
0.009241	0.003654	0.061978	0.023318	0.000253	0.000655	0.024226	0.341021	0.048644	0.027546	0.417211	0.036378	0.016463	0.031536	0.501589	0.429535	0.06808	0.029991	0.527607	0.036378	0.016463	0.031536	0.611984	8.401702	0.368387	0.343959	9.114048	0.001995	0.000129	1.55E-05	0.002139	0.007669	22.81891587	22819	8.39						2
0.002109	0	0.021718	0.0936	0.007486	0	0.101086	0.422175	0.045397	0	0.467572	0	0	0	0.467572	0.480614	0.051681	0	0.532295	0	0	0	0.532295	1.05745	0.291472	0	1.348923	0.005626	0.00045	0	0.006076	0.013621	57.31491452			57315	7.63				3
0.005974	0	0.043818	0.002696	0.000309	0	0.003005	0.000541	8.54E-05	0	0.000626	0	0	0	0.000626	0.038623	0.006097	0	0.044719	0	0	0	0.044719	0.136188	0.00608	0	0.142268	0	0	0	0	0.008389	1.703815561					1704	4.21		
0	0.000868	0.002391	0.003741	0	0.000652	0.004393	0.006249	0	0.003922	0.010171	0.001728	0.000475	0.001215	0.013588	0.009119	0	0.004294	0.013413	0.001728	0.000475	0.001215	0.01683	0.12664	0	0.067221	0.193861	0.002803	0	7.07E-06	0.00281	0.007512	29.96930203	29969	5.05						2
0	0	0.003825	0.153552	0	0	0.153552	0.082354	0	0	0.082354	0	0	0	0.082354	0.093754	0	0	0.093754	0	0	0	0.093754	0.546458	0	0	0.546458	0.009235	0	0	0.009235	0.015941	87.06249973			87062	5.98				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.523165	0.291228	0	0	0.291228	0.952421	0	0	0.952421	0	0	0	0.952421	6.632158	0	0	6.632158	0	0	0	6.632158	14.86141	0	0	14.86141	0	0	0	0	0.738961	165.123367					165123	4.19		
0	8.46E-06	0.099929	0.06771	0	0.000573	0.068283	0.729741	0	4.5E-05	0.729786	0.041657	0.029795	0.092524	0.893762	0.916213	0	4.93E-05	0.916263	0.041657	0.029795	0.092524	1.080238	26.34194	0	0.315023	26.65697	0.006936	0	0.000101	0.007037	0.011193	75.05765335	75058	3.35						2
0.108935	0	1.653493	9.951171	0.278872	0	10.23004	33.25391	2.345333	0	35.59924	0	0	0	35.59924	37.85705	2.669983	0	40.52703	0	0	0	40.52703	119.3764	6.809717	0	126.1861	0.598105	0.016761	0	0.614866	1.20744	5800.338317			5800338	5.75				3
0.054873	0	0.881546	0.062314	0.003704	0	0.066018	0.077191	0.003065	0	0.080256	0	0	0	0.080256	0.918169	0.058601	0	0.97677	0	0	0	0.97677	2.066099	0.166961	0	2.23306	0	0	0	0	0.107053	37.43163632					37432	3.88		
0	12.20123	20.47284	9.329336	0	3.383445	12.71278	42.30678	0	68.95554	111.2623	37.76701	15.88204	40.09017	205.0015	58.09286	0	75.4521	133.545	37.76701	15.88204	40.09017	227.2842	1489.376	0	641.5186	2130.895	1.679129	0	0.063723	1.742853	17.54937	18590.05665	18590057	23.83						2
0	0	0.012185	0.082493	0	0	0.082493	0.262326	0	0	0.262326	0	0	0	0.262326	0.298641	0	0	0.298641	0	0	0	0.298641	1.861965	0	0	1.861965	0.004961	0	0	0.004961	0.005411	46.77277178			46773	33.85				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	4.09E-06	4.69E-06	7.49E-07	0	2.06E-06	2.81E-06	1.88E-06	0	1.64E-05	1.82E-05	1.49E-05	3.74E-06	3.54E-06	4.04E-05	2.74E-06	0	1.79E-05	2.06E-05	1.49E-05	3.74E-06	3.54E-06	4.29E-05	0.000282	0	0.000125	0.000407	1.72E-06	0	6.99E-08	1.79E-06	1.2E-05	0.0191022								
0	1.998623	4.01212	1.925235	0	0.4715	2.396734	11.85726	0	12.00086	23.85812	8.731606	3.583455	9.429678	45.60286	15.36695	0	13.12651	28.49346	8.731606	3.583455	9.429678	50.2382	344.4762	0	124.4282	468.9044	0.214353	0	0.009521	0.223874	2.393683	2387.93689	2387937	20.35						2
0	0	0.001071	0.006823	0	0	0.006823	0.023054	0	0	0.023054	0	0	0	0.023054	0.026245	0	0	0.026245	0	0	0	0.026245	0.143291	0	0	0.143291	0.00041	0	0	0.00041	0.00029	3.868690414			3869	21.90				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	4.950954	8.294658	4.914027	0	1.745801	6.659828	17.4569	0	27.98232	45.43923	11.27806	4.54411	11.95431	73.21571	23.81064	0	30.6264	54.43704	11.27806	4.54411	11.95431	82.21353	631.6588	0	260.5682	892.227	0.774603	0	0.028932	0.803535	6.185935	8570.865122	8570865	17.98						2
0	0	0.000139	0.000972	0	0	0.000972	0.002995	0	0	0.002995	0	0	0	0.002995	0.00341	0	0	0.00341	0	0	0	0.00341	0.017691	0	0	0.017691	5.85E-05	0	0	5.85E-05	4.27E-05	0.551372159			551	22.66				3
0.074177	0.417491	1.158658	0.703483	0.001754	0.406461	1.111698	3.595465	0.293854	2.290711	6.180029	2.072343	0.736061	3.71875	12.70718	5.130241	0.427885	2.506357	8.064483	2.072343	0.736061	3.71875	14.59164	78.27485	2.284788	29.91021	110.4698	0.194016	0.00077	0.002253	0.19704	0.909426	2101.713287	2101713	8.84						2
0.002028	0	0.203742	1.253076	0.008949	0	1.262025	4.342786	0.043651	0	4.386438	0	0	0	4.386438	4.943974	0.049694	0	4.993668	0	0	0	4.993668	14.55169	0.361805	0	14.91349	0.075363	0.000538	0	0.075902	0.421572	715.5564103			715556	18.33				3
0.009578	0.051116	0.125087	0.08022	0.000227	0.054687	0.135134	0.333495	0.037232	0.273433	0.644159	0.222809	0.077879	0.399428	1.344276	0.480797	0.054284	0.299292	0.834373	0.222809	0.077879	0.399428	1.534489	7.458257	0.289425	3.752098	11.49978	0.027792	0.000112	0.000317	0.028221	0.118177	301.0160462	301016	7.96						2
0.000543	0	0.052704	0.419545	0.003796	0	0.423341	1.122988	0.01169	0	1.134678	0	0	0	1.134678	1.278447	0.013308	0	1.291756	0	0	0	1.291756	3.631888	0.096894	0	3.728781	0.025233	0.000228	0	0.025461	0.116957	240.0302164			240030	14.71				3
0	0.424318	1.854384	0.258738	0	0.021576	0.280314	10.83151	0	3.362231	14.19374	4.076487	5.146701	5.262826	28.67976	12.29016	0	3.649854	15.94001	4.076487	5.146701	5.262826	30.42603	115.2045	0	13.20071	128.4052	0.008992	0	0.001036	0.010028	0.032086	106.9585515	106959	36.55						2
0	4.846112	7.708272	4.229476	0	1.5361	5.765576	14.73738	0	27.71587	42.45325	7.957636	3.053383	8.024211	61.48848	20.2841	0	30.33764	50.62174	7.957636	3.053383	8.024211	69.65697	519.3073	0	205.7065	725.0139	0.77498	0	0.028096	0.803076	5.151591	8565.972465	8565972	15.77						2
0	0	0.001273	0.020906	0	0	0.020906	0.027411	0	0	0.027411	0	0	0	0.027411	0.031206	0	0	0.031206	0	0	0	0.031206	0.179958	0	0	0.179958	0.001257	0	0	0.001257	0.000804	11.853785			11854	19.86				3
0	0.001401	0.114579	0.089209	0	0.000496	0.089704	0.720535	0	0.009229	0.729764	1.222775	0.533489	0.008968	2.494996	0.910718	0	0.010047	0.920765	1.222775	0.533489	0.008968	2.685996	23.25834	0	0.086907	23.34524	0.026382	0	7.74E-06	0.02639	0.058446	281.4888755	281489	4.55						2
0	0	0.002136	0.055997	0	0	0.055997	0.045983	0	0	0.045983	0	0	0	0.045983	0.052348	0	0	0.052348	0	0	0	0.052348	0.182857	0	0	0.182857	0.003368	0	0	0.003368	0.010232	31.74991378			31750	9.80				3
0.012032	0.151945	0.414046	0.240977	0.000266	0.034081	0.275324	1.559952	0.061017	1.205145	2.826115	0.40774	0.208848	0.945169	4.387873	2.062915	0.08457	1.311043	3.458528	0.40774	0.208848	0.945169	5.020286	41.03977	0.864337	9.230118	51.13423	0.046584	0.000345	0.00089	0.047818	0.107281	510.0466719	510047	4.46						2
0.023671	0	0.296776	1.961616	0.110554	0	2.07217	5.879889	0.509623	0	6.389512	0	0	0	6.389512	6.693806	0.580167	0	7.273973	0	0	0	7.273973	16.45818	3.559861	0	20.01805	0.117901	0.006645	0	0.124546	0.317849	1174.900948			1174901	8.19				3
0.0052	0	0.011404	0.002326	0.000269	0	0.002594	8.86E-05	7.43E-05	0	0.000163	0	0	0	0.000163	0.006332	0.005307	0	0.011639	0	0	0	0.011639	0.033517	0.005292	0	0.038809	0	0	0	0	0.013018	1.470907703					1471	7.57		
0.003529	0.019836	0.061557	0.059511	8.71E-05	0.011252	0.07085	0.194694	0.014117	0.122911	0.331722	0.039546	0.01685	0.050562	0.438681	0.274893	0.020443	0.134193	0.429529	0.039546	0.01685	0.050562	0.536487	5.402094	0.10875	1.855323	7.366166	0.019481	7.4E-05	0.000141	0.019696	0.047928	210.0845631	210085	4.62						2
0.001962	0	0.03264	0.150011	0.005152	0	0.155163	0.660488	0.042232	0	0.70272	0	0	0	0.70272	0.751916	0.048078	0	0.799994	0	0	0	0.799994	1.887304	0.19176	0	2.079064	0.009016	0.00031	0	0.009326	0.02039	87.97620463			87976	6.97				3
0.00138	0	0.010151	0.003157	7.13E-05	0	0.003228	0.000125	1.97E-05	0	0.000145	0	0	0	0.000145	0.008952	0.001408	0	0.01036	0	0	0	0.01036	0.04507	0.001404	0	0.046474	0	0	0	0	0.01723	1.830509211					1831	8.06		
0.009524	0.003605	0.06206	0.023359	0.000268	0.000692	0.024318	0.3404	0.049376	0.02701	0.416786	0.035781	0.016446	0.031094	0.500108	0.427637	0.069233	0.029408	0.526278	0.035781	0.016446	0.031094	0.609599	8.395183	0.374023	0.334464	9.10367	0.0021	0.00013	1.54E-05	0.002246	0.008224	23.95635258	23956	8.45						2
0.001859	0	0.020813	0.092321	0.007762	0	0.100082	0.408068	0.040021	0	0.44809	0	0	0	0.44809	0.464555	0.045561	0	0.510116	0	0	0	0.510116	1.028405	0.275822	0	1.304228	0.005549	0.000467	0	0.006015	0.013809	56.74572551			56746	7.63				3
0.011913	0	0.086385	0.005291	0.000615	0	0.005906	0.001064	0.00017	0	0.001234	0	0	0	0.001234	0.076005	0.012158	0	0.088163	0	0	0	0.088163	0.268672	0.012124	0	0.280796	0	0	0	0	0.016073	3.348756652					3349	4.11		
0	0.000902	0.00213	0.003654	0	0.000695	0.004349	0.004521	0	0.003953	0.008475	0.001639	0.000449	0.00101	0.011572	0.006598	0	0.004328	0.010926	0.001639	0.000449	0.00101	0.014024	0.092893	0	0.068489	0.161382	0.003251	0	7.49E-06	0.003259	0.008506	34.7577193	34758	4.93						2
0	0	0.003746	0.143063	0	0	0.143063	0.080657	0	0	0.080657	0	0	0	0.080657	0.091822	0	0	0.091822	0	0	0	0.091822	0.498411	0	0	0.498411	0.008604	0	0	0.008604	0.015171	81.11522331			81115	5.99				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.207299	0.300335	0	0	0.300335	0.877342	0	0	0.877342	0	0	0	0.877342	6.229358	0	0	6.229358	0	0	0	6.229358	15.26316	0	0	15.26316	0	0	0	0	0.749785	170.2870908					170287	4.12		
0	1.23E-05	0.091965	0.063182	0	0.000565	0.063748	0.669211	0	6.57E-05	0.669277	0.038531	0.026751	0.08532	0.819879	0.842057	0	7.2E-05	0.842129	0.038531	0.026751	0.08532	0.992731	24.31255	0	0.302098	24.61465	0.006613	0	9.28E-05	0.006706	0.010751	71.53208576	71532	3.36						2
0.10803	0	1.6082	10.08432	0.306004	0	10.39032	32.29824	2.325853	0	34.6241	0	0	0	34.6241	36.76909	2.647806	0	39.4169	0	0	0	39.4169	117.1451	7.611276	0	124.7564	0.606107	0.018392	0	0.624499	1.620104	5891.214371			5891214	5.76				3
0.076893	0	1.091524	0.07866	0.00503	0	0.08369	0.078959	0.003338	0	0.082297	0	0	0	0.082297	1.108948	0.081027	0	1.189975	0	0	0	1.189975	3.032207	0.214936	0	3.247143	0	0	0	0	0.147459	47.45126721					47451	4.09		
0	11.45734	18.89576	8.51329	0	3.25732	11.77061	37.67101	0	64.24825	101.9193	36.2788	14.69479	36.46046	189.3533	51.95543	0	70.3054	122.2608	36.2788	14.69479	36.46046	209.6949	1358.561	0	593.0614	1951.622	1.657326	0	0.061976	1.719302	16.59511	18338.85806	18338858	24.05						2
0	0	0.011037	0.097527	0	0	0.097527	0.237625	0	0	0.237625	0	0	0	0.237625	0.27052	0	0	0.27052	0	0	0	0.27052	1.773109	0	0	1.773109	0.005866	0	0	0.005866	0.006702	55.29713927			55297	35.47				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000209	0.00024	3.85E-05	0	0.000106	0.000144	9.62E-05	0	0.000835	0.000931	0.000765	0.000191	0.000181	0.002068	0.00014	0	0.000914	0.001054	0.000765	0.000191	0.000181	0.002192	0.014476	0	0.006397	0.020873	8.84E-05	0	3.72E-06	9.21E-05	0.000615	0.9825324								
0	1.840426	3.651467	1.734851	0	0.436028	2.170879	10.59007	0	11.02497	21.61504	8.3096	3.297366	8.634123	41.85613	13.78107	0	12.05983	25.8409	8.3096	3.297366	8.634123	46.08199	309.3524	0	112.9547	422.3071	0.199056	0	0.00882	0.207876	2.186028	2217.304332	2217304	20.41						2
0	0	0.000993	0.006398	0	0	0.006398	0.021379	0	0	0.021379	0	0	0	0.021379	0.024339	0	0	0.024339	0	0	0	0.024339	0.132935	0	0	0.132935	0.000385	0	0	0.000385	0.000271	3.627615772			3628	21.83				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	4.776137	7.900886	4.606822	0	1.694455	6.301276	16.21326	0	26.83837	43.05163	11.34872	4.436524	11.32813	70.165	22.17769	0	29.37509	51.55278	11.34872	4.436524	11.32813	78.66615	595.093	0	247.5994	842.6924	0.777954	0	0.028787	0.806742	5.99708	8605.073736	8605074	18.25						2
0	0	0.000144	0.001138	0	0	0.001138	0.003107	0	0	0.003107	0	0	0	0.003107	0.003537	0	0	0.003537	0	0	0	0.003537	0.018765	0	0	0.018765	6.85E-05	0	0	6.85E-05	5.11E-05	0.645475042			645	23.16				3
0.071119	0.401184	1.060165	0.639832	0.001675	0.397153	1.03866	3.156221	0.281963	2.189678	5.627862	2.008328	0.701928	3.491219	11.82934	4.506483	0.410652	2.395972	7.313107	2.008328	0.701928	3.491219	13.51458	68.7626	2.191638	27.91557	98.86981	0.180723	0.000737	0.002145	0.183605	0.850156	1958.418274	1958418	8.86						2
0.002	0	0.197571	1.224574	0.008827	0	1.233401	4.210519	0.04306	0	4.253579	0	0	0	4.253579	4.793396	0.049021	0	4.842417	0	0	0	4.842417	14.0201	0.356903	0	14.377	0.073649	0.000531	0	0.07418	0.518871	699.326836			699327	18.10				3
0.009609	0.051176	0.119842	0.075425	0.000228	0.055998	0.13165	0.305314	0.037312	0.272549	0.615175	0.225165	0.077467	0.388275	1.306082	0.439841	0.054401	0.298326	0.792568	0.225165	0.077467	0.388275	1.483475	6.896786	0.2899	3.686051	10.87274	0.027157	0.000112	0.000315	0.027585	0.116767	294.2312141	294231	8.04						2
0.000546	0	0.051538	0.424831	0.003823	0	0.428655	1.09784	0.011753	0	1.109593	0	0	0	1.109593	1.249818	0.01338	0	1.263198	0	0	0	1.263198	3.497796	0.097413	0	3.595209	0.025551	0.00023	0	0.02578	0.172348	243.0431077			243043	14.49				3
0	0.41705	1.759798	0.245988	0	0.021091	0.267079	10.11482	0	3.299009	13.41383	4.043274	5.21347	5.340413	28.01099	11.5078	0	3.581451	15.08925	4.043274	5.21347	5.340413	29.6864	107.991	0	13.23747	121.2284	0.008755	0	0.001023	0.009778	0.031964	104.2996211	104300	36.78						2
0	4.683242	7.373159	4.008491	0	1.488222	5.496714	13.76461	0	26.75594	40.52055	7.964971	3.031217	7.685944	59.20268	19.00588	0	29.28752	48.29339	7.964971	3.031217	7.685944	66.97553	488.3245	0	195.6242	683.9486	0.756328	0	0.027533	0.783862	4.920642	8361.023515	8361024	15.85						2
0	0	0.0012	0.03235	0	0	0.03235	0.025826	0	0	0.025826	0	0	0	0.025826	0.029401	0	0	0.029401	0	0	0	0.029401	0.189067	0	0	0.189067	0.001946	0	0	0.001946	0.001293	18.34219474			18342	20.64				3

0	0.001281	0.101235	0.080102	0	0.000473	0.080575	0.632497	0	0.008336	0.640833	1.143133	0.487845	0.008261	2.280072	0.801121	0	0.009076	0.810197	1.143133	0.487845	0.008261	2.449435	20.28022	0	0.080578	20.36079	0.024523	0	7.17E-06	0.02453	0.054698	261.6453483	261645	4.56						2
0	0	0.002073	0.053918	0	0	0.053918	0.044621	0	0	0.044621	0	0	0	0.044621	0.050799	0	0	0.050799	0	0	0	0.050799	0.176847	0	0	0.176847	0.003243	0	0	0.003243	0.011412	30.57075901			30571	9.79				3
0.012062	0.140256	0.375835	0.21974	0.000274	0.033687	0.253701	1.386115	0.059609	1.099485	2.545209	0.380263	0.187759	0.868623	3.981854	1.836568	0.08306	1.196321	3.115949	0.380263	0.187759	0.868623	4.552594	36.4231	0.847201	8.902076	46.17238	0.04621	0.000337	0.000841	0.047387	0.107328	505.4555496	505456	4.47						2
0.022307	0	0.294311	1.989555	0.110506	0	2.100061	5.856182	0.480257	0	6.336439	0	0	0	6.336439	6.666818	0.546736	0	7.213554	0	0	0	7.213554	16.46506	3.433206	0	19.89826	0.11958	0.006642	0	0.126222	0.401312	1190.714782			1190715	8.24				3
0.007156	0	0.015721	0.00318	0.00037	0	0.00355	0.000122	0.000102	0	0.000225	0	0	0	0.000225	0.008741	0.007304	0	0.016045	0	0	0	0.016045	0.045773	0.007284	0	0.053057	0	0	0	0	0.017713	2.012679795					2013	7.53		
0.003388	0.018557	0.056828	0.054247	8.42E-05	0.010663	0.064994	0.177579	0.013511	0.114092	0.305182	0.03748	0.015633	0.046695	0.40499	0.251187	0.019579	0.124586	0.395351	0.03748	0.015633	0.046695	0.495159	4.821485	0.104119	1.773509	6.699114	0.018258	7.08E-05	0.000134	0.018462	0.04493	196.9257934	196926	4.62						2
0.001796	0	0.031998	0.152104	0.005137	0	0.15724	0.65024	0.038662	0	0.688902	0	0	0	0.688902	0.740249	0.044013	0	0.784263	0	0	0	0.784263	1.854263	0.184613	0	2.038876	0.009142	0.000309	0	0.009451	0.026063	89.15371202			89154	7.00				3
0.001469	0	0.01141	0.003579	7.59E-05	0	0.003655	0.000142	2.1E-05	0	0.000163	0	0	0	0.000163	0.010146	0.001499	0	0.011645	0	0	0	0.011645	0.05109	0.001495	0	0.052585	0	0	0	0	0.019531	2.0721443					2072	8.07		
0.009955	0.003563	0.058489	0.022077	0.00029	0.000755	0.023122	0.314134	0.050674	0.026478	0.391287	0.033874	0.015656	0.028958	0.469775	0.391899	0.071203	0.028831	0.491933	0.033874	0.015656	0.028958	0.570422	7.847658	0.383867	0.325875	8.5574	0.00214	0.000133	1.53E-05	0.002288	0.008623	24.4010275	24401	8.49						2
0.001719	0	0.020115	0.092344	0.007948	0	0.100292	0.396077	0.036999	0	0.433076	0	0	0	0.433076	0.450903	0.042121	0	0.493024	0	0	0	0.493024	1.001917	0.267275	0	1.269192	0.00555	0.000478	0	0.006028	0.016232	56.8645775			56865	7.65				3
0.017035	0	0.127672	0.007853	0.00088	0	0.008733	0.001581	0.000243	0	0.001824	0	0	0	0.001824	0.112913	0.017386	0	0.130298	0	0	0	0.130298	0.399432	0.017338	0	0.41677	0	0	0	0	0.023686	4.951640375					4952	4.09		
0	0.000996	0.002183	0.003798	0	0.000759	0.004557	0.004303	0	0.004318	0.008621	0.001661	0.000462	0.001003	0.011746	0.006278	0	0.004728	0.011006	0.001661	0.000462	0.001003	0.014132	0.088857	0	0.074608	0.163466	0.003463	0	8.27E-06	0.003472	0.00895	37.02865593	37029	4.87						2
0	0	0.003403	0.130727	0	0	0.130727	0.073259	0	0	0.073259	0	0	0	0.073259	0.0834	0	0	0.0834	0	0	0	0.0834	0.428694	0	0	0.428694	0.007862	0	0	0.007862	0.01433	74.12094292			74121	5.94				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	4.458521	0.284672	0	0	0.284672	0.730579	0	0	0.730579	0	0	0	0.730579	5.310149	0	0	5.310149	0	0	0	5.310149	14.67856	0	0	14.67856	0	0	0	0	0.697773	161.406115					161406	4.04		
0	4.04E-06	0.081719	0.057827	0	0.00048	0.058307	0.586208	0	2.15E-05	0.58623	0.033858	0.022079	0.075028	0.717196	0.743136	0	2.36E-05	0.74316	0.033858	0.022079	0.075028	0.874126	21.20322	0	0.279751	21.48297	0.006124	0	8.04E-05	0.006204	0.010082	66.17415355	66174	3.37						2
0.104365	0	1.427734	9.949835	0.359156	0	10.30899	28.49176	2.246959	0	30.73872	0	0	0	30.73872	32.4357	2.557992	0	34.99369	0	0	0	34.99369	104.4408	8.683874	0	113.1247	0.598024	0.021587	0	0.619611	2.17396	5845.101458			5845101	5.77				3
0.100618	0	1.293761	0.096194	0.006475	0	0.102669	0.078908	0.003631	0	0.082539	0	0	0	0.082539	1.288169	0.105187	0	1.393355	0	0	0	1.393355	4.05497	0.268964	0	4.323934	0	0	0	0	0.195495	58.21236914					58212	4.26		
0	10.8262	17.51568	7.811703	0	3.174216	10.98592	33.43141	0	60.08964	93.52105	35.15224	13.65946	33.5132	175.8459	46.36077	0	65.75959	112.1204	35.15224	13.65946	33.5132	194.4453	1248.007	0	551.9867	1799.993	1.665239	0	0.061112	1.726351	15.97302	18414.04232	18414042	24.36						2
0	0	0.010144	0.113318	0	0	0.113318	0.218391	0	0	0.218391	0	0	0	0.218391	0.248624	0	0	0.248624	0	0	0	0.248624	1.720213	0	0	1.720213	0.006815	0	0	0.006815	0.008099	64.25052261			64251	36.89				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.001998	0.002295	0.000371	0	0.001011	0.001381	0.000923	0	0.007977	0.0089	0.007308	0.001824	0.001727	0.019758	0.001347	0	0.008733	0.01008	0.007308	0.001824	0.001727	0.020939	0.139189	0	0.061148	0.200338	0.00085	0	3.41E-05	0.000884	0.005927	9.432893461								
0	1.715276	3.356656	1.579776	0	0.411742	1.991518	9.52068	0	10.22994	19.75062	7.969693	3.064699	7.97678	38.76179	12.44317	0	11.19086	23.63403	7.969693	3.064699	7.97678	42.6452	281.2161	0	103.7141	384.9302	0.192271	0	0.008392	0.200663	2.046014	2140.363646	2140364	20.60						2
0	0	0.000921	0.00612	0	0	0.00612	0.019835	0	0	0.019835	0	0	0	0.019835	0.022581	0	0	0.022581	0	0	0	0.022581	0.123895	0	0	0.123895	0.000368	0	0	0.000368	0.000258	3.46974925			3470	21.76				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	4.582319	7.472028	4.292681	0	1.642243	5.934923	14.88019	0	25.56593	40.44612	11.32054	4.296054	10.6876	66.75031	20.41512	0	27.98311	48.39823	11.32054	4.296054	10.6876	74.70242	556.4528	0	233.6896	790.1424	0.780694	0	0.028583	0.809277	5.816426	8632.116988	8632117	18.52						2
0	0	0.000233	0.007149	0	0	0.007149	0.005006	0	0	0.005006	0	0	0	0.005006	0.005699	0	0	0.005699	0	0	0	0.005699	0.032344	0	0	0.032344	0.00043	0	0	0.00043	0.000376	4.053270166			4053	27.17				3
0.068346	0.385632	0.972621	0.581621	0.001605	0.388762	0.971988	2.775114	0.270991	2.094805	5.14091	1.943335	0.671274	3.276579	11.0321	3.962889	0.394725	2.292263	6.649877	1.943335	0.671274	3.276579	12.54106	60.60432	2.105562	26.12674	88.83661	0.169199	0.000707	0.002046	0.171953	0.800318	1834.12521	1834125	8.90						2
0.001969	0	0.191846	1.186542	0.008688	0	1.19523	4.08795	0.042381	0	4.13033	0	0	0	4.13033	4.653859	0.048248	0	4.702106	0	0	0	4.702106	13.53781	0.351273	0	13.88908	0.071362	0.000523	0	0.071884	0.581983	677.6843459			677684	17.94				3
0.009705	0.051298	0.115266	0.071223	0.00023	0.057617	0.12907	0.278989	0.037621	0.271492	0.588102	0.226751	0.076557	0.377319	1.268728	0.402549	0.05486	0.297184	0.754593	0.226751	0.076557	0.377319	1.43522	6.353476	0.292204	3.654892	10.30057	0.026795	0.000113	0.000316	0.027223	0.116459	290.3768467	290377	8.12						2
0.000556	0	0.050854	0.435603	0.003902	0	0.439505	1.082893	0.011973	0	1.094866	0	0	0	1.094866	1.232802	0.013631	0	1.246432	0	0	0	1.246432	3.407869	0.099239	0	3.507108	0.026198	0.000235	0	0.026433	0.230059	249.1952529			249195	14.29				3
0	0.41051	1.684769	0.237222	0	0.020668	0.25789	9.529724	0	3.239181	12.76891	4.015264	5.312902	5.449156	27.54623	10.87568	0	3.516748	14.39242	4.015264	5.312902	5.449156	29.16975	102.0783	0	13.30345	115.3817	0.008712	0	0.001013	0.009725	0.032713	103.7352112	103735	37.17						2
0	4.523926	7.044277	3.791238	0	1.444884	5.236122	12.81836	0	25.79216	38.61052	8.099314	3.034637	7.456956	57.20143	17.74888	0	28.23307	45.98195	8.099314	3.034637	7.456956	64.57286	459.1675	0	186.0233	645.1908	0.744068	0	0.027123	0.771191	4.72827	8225.874845	8225875	15.95						2
0	0	0.00132	0.050865	0	0	0.050865	0.028427	0	0	0.028427	0	0	0	0.028427	0.032363	0	0	0.032363	0	0	0	0.032363	0.239987	0	0	0.239987	0.003059	0	0	0.003059	0.002088	28.83992808			28840	21.19				3
0	0.001169	0.088828	0.072401	0	0.000459	0.07286	0.548779	0	0.007477	0.556257	1.075201	0.445839	0.007646	2.084942	0.697927	0	0.008142	0.706069	1.075201	0.445839	0.007646	2.234755	17.48743	0	0.07558	17.56301	0.023155	0	6.67E-06	0.023162	0.052092	247.0565784	247057	4.56						2
0	0	0.002038	0.052593	0	0	0.052593	0.043867	0	0	0.043867	0	0	0	0.043867	0.049939	0	0	0.049939	0	0	0	0.049939	0.173509	0	0	0.173509	0.003163	0	0	0.003163	0.012703	29.81959541			29820	9.78				3
0.011971	0.128802	0.341383	0.201771	0.000276	0.033139	0.235187	1.231393	0.057964	0.995794	2.285151	0.354228	0.167499	0.798158	3.605036	1.639188	0.081194	1.083775	2.804158	0.354228	0.167499	0.798158	4.124043	32.26806	0.826739	8.711849	41.80665	0.045242	0.000327	0.000794	0.046363	0.105788	494.5249598	494525	4.48						2
0.021027	0	0.279767	1.961947	0.110466	0	2.072413	5.570581	0.452716	0	6.023297	0	0	0	6.023297	6.341683	0.515383	0	6.857065	0	0	0	6.857065	15.74074	3.328509	0	19.06925	0.117921	0.006639	0	0.12456	0.512147	1175.038506			1175039	8.30				3
0.008834	0	0.020192	0.00427	0.000456	0	0.004727	0.000162	0.000126	0	0.000289	0	0	0	0.000289	0.011591	0.009016	0	0.020607	0	0	0	0.020607	0.061497	0.008991	0	0.070488	0	0	0	0	0.024022	2.679988568					2680	7.67		
0.003355	0.017609	0.053006	0.049827	8.44E-05	0.010499	0.060411	0.162376	0.013293	0.106578	0.282247	0.036107	0.014588	0.043695	0.376637	0.230393	0.019283	0.116413	0.36609	0.036107	0.014588	0.043695	0.460479	4.31436	0.102512	1.730718	6.14759	0.017717	6.96E-05	0.000129	0.017916	0.043618	191.0958164	191096	4.62						2
0.00169	0	0.029254	0.150034	0.005399	0	0.155433	0.593438	0.036383	0	0.629821	0	0	0	0.629821	0.675585	0.041419	0	0.717004	0	0	0	0.717004	1.687123	0.183714	0	1.870837	0.009018	0.000325	0	0.009342	0.035716	88.12914697			88129	7.03				3
0.001668	0	0.012297	0.003813	8.62E-05	0	0.003899	0.000152	2.38E-05	0	0.000176	0	0	0	0.000176	0.010847	0.001703	0	0.01255	0	0	0	0.01255	0.054405	0.001698	0	0.056103	0	0	0	0	0.020759	2.210690485					2211	8.04		
0.010068	0.00336	0.053898	0.020623	0.0003	0.000785	0.021707	0.280708	0.050451	0.024718	0.355877	0.031479	0.01425	0.026552	0.428158	0.351139	0.071141	0.026918	0.449198	0.031479	0.01425	0.026552	0.52148	7.023431	0.382887	0.31335	7.719669	0.002121	0.000132	1.49E-05	0.002268	0.008768	24.18640591	24186	8.55						2
0.001266	0	0.015331	0.091378	0.008261	0	0.099639	0.30282	0.027263	0	0.330082	0	0	0	0.330082	0.344737	0.031036	0	0.375774	0	0	0	0.375774	0.76371	0.206663	0	0.970374	0.005492	0.000496	0	0.005989	0.019129	56.49418875			56494	7.63				3
0.018661	0	0.140325	0.008634	0.000964	0	0.009598	0.001738	0.000267	0	0.002005	0	0	0	0.002005	0.124167	0.019045	0	0.143212	0	0	0	0.143212	0.439324	0.018993	0	0.458317	0	0	0	0	0.025995	5.44205486					5442	4.09		
0	0.001062	0.002319	0.004251	0	0.000806	0.005058	0.004581	0	0.004568	0.009149	0.001819	0.00051	0.001016	0.012493	0.006684	0	0.005001	0.011685	0.001819	0.00051	0.001016	0.01503	0.10315	0	0.07828	0.181431	0.003696	0	8.73E-06	0.003704	0.009663	39.51193002	39512	4.93						2
0	0	0.0031	0.123963	0	0	0.123963	0.066736	0	0	0.066736	0	0	0	0.066736	0.075974	0	0	0.075974	0	0	0	0.075974	0.38328	0	0	0.38328	0.007455	0	0	0.007455	0.016504	70.28562356			70286	6.04				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	4.342128	0.299432	0	0	0.299432	0.697685	0	0	0.697685	0	0	0	0.697685	5.155752	0	0	5.155752	0	0	0	5.155752	15.85118	0	0	15.85118	0	0	0	0	0.725503	169.7748832					169775	4.00		
0	1.78E-06	0.070453	0.049588	0	0.000505	0.050093	0.502665	0	9.42E-06	0.502675	0.029088	0.017745	0.064429	0.613937	0.640242	0	1.03E-05	0.640252	0.029088	0.017745	0.064429	0.751515	17.93039	0	0.2422	18.17259	0.005297	0	6.76E-05	0.005365	0.008764	57.22048521	57220	3.38						2
0.087588	0	1.1537	10.45781	0.412217	0	10.87002	22.9531	1.885742	0	24.83885	0	0	0	24.83885	26.13036	2.146774	0	28.27713	0	0	0	28.27713	85.56305	9.117847	0	94.6809	0.628555	0.024776	0	0.653331	3.154159	6163.200877			6163201	5.88				3
0.172024	0	1.792407	0.152236	0.010402	0	0.162639	0.088578	0.0048	0	0.093378	0	0	0	0.093378	1.728261	0.178231	0	1.906493	0	0	0	1.906493	6.623277	0.37788	0	7.001157	0	0	0	0	0.36845	92.21459118					92215	4.57		
0	10.24579	16.27655	7.13949	0	3.10504	10.24453	29.98688	0	56.32241	86.30929	34.41031	13.08413	31.10859	164.9123	41.63218	0	61.63802	103.2702	34.41031	13.08413	31.10859	181.8732	1144.893	0	514.9035	1659.796	1.685211	0	0.060807	1.746018	15.45693	18623.81929	18623819	24.75						2
0	0	0.009429	0.132761	0	0	0.132761	0.203004	0	0	0.203004	0	0	0	0.203004	0.231106	0	0	0.231106	0	0	0	0.231106	1.699127	0	0	1.699127	0.007985	0	0	0.007985	0.009859	75.27424875			75274	38.33				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00545	0.006252	0.001001	0	0.002754	0.003755	0.002495	0	0.021787	0.024281	0.019962	0.004978	0.004716	0.053937	0.00364	0	0.023854	0.027494	0.019962	0.004978	0.004716	0.05715	0.37637	0	0.167034	0.543404	0.002299	0	9.14E-05	0.00239	0.016034	25.49344426								
0	1.610508	3.098821	1.443797	0	0.393771	1.837568	8.552571	0	9.553187	18.10576	7.719401	2.87354	7.451266	36.14997	11.2314	0	10.45119	21.68259	7.719401	2.87354	7.451266	39.72679	256.6121	0	95.82551	352.4376	0.188353	0	0.008087	0.19644	1.93806	2095.322514	2095323	20.85						2
0	0	0.000856	0.00601	0	0	0.00601	0.018425	0	0	0.018425	0	0	0	0.018425	0.020975	0	0	0.020975	0	0	0	0.020975	0.115368	0	0	0.115368	0.000361	0	0	0.000361	0.000254	3.407495573			3407	21.80				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	4.424946	7.088457	3.985521	0	1.60912	5.594641	13.60602	0	24.43978	38.0458	11.37069	4.202733	10.19024	63.80946	18.71219	0	26.75115	45.46334	11.37069	4.202733	10.19024	71.227	520.9627	0	222.1933	743.1559	0.79736	0	0.028837	0.826197	5.714961	8812.587756	8812588	18.84						2
0	0	0.000335	0.012469	0	0	0.012469	0.007217	0	0	0.007217	0	0	0	0.007217	0.008216	0	0	0.008216	0	0	0	0.008216	0.048035	0	0	0.048035	0.00075	0	0	0.00075	0.000669	7.070075828			7070	27.69				3
0.067012	0.376671	0.907136	0.532945	0.001575	0.389394	0.923914	2.476083	0.265299	2.037678	4.77906	1.890426	0.647429	3.105898	10.42281	3.53185	0.38645	2.229786	6.148086	1.890426	0.647429	3.105898	11.79184	54.32404	2.060325	25.08183	81.4662	0.162067	0.000691	0.001992	0.164749	0.77414	1757.290686	1757291	8.97						2
0.001986	0	0.188782	1.196254	0.008764	0	1.205019	4.021614	0.042752	0	4.064367	0	0	0	4.064367	4.578341	0.048671	0	4.627011	0	0	0	4.627011	13.22024	0.354353	0	13.57459	0.071946	0.000527	0	0.072473	0.707558	683.2343395			683234	17.70				3
0.009848	0.051488	0.110736	0.066693	0.000234	0.059403	0.126331	0.253072	0.038071	0.270972	0.562115	0.226054	0.075401	0.363934	1.227505	0.365087	0.055519	0.29662	0.717226	0.226054	0.075401	0.363934	1.382615	5.832879	0.295547	3.641612	9.770037	0.026573	0.000114	0.000318	0.027004	0.116919	288.0401513	288040	8.22						2
0.000576	0	0.05067	0.452878	0.004051	0	0.456928	1.078491	0.012409	0	1.090901	0	0	0	1.090901	1.227791	0.014127	0	1.241918	0	0	0	1.241918	3.351244	0.102855	0	3.454099	0.027237	0.000244	0	0.027481	0.289718	259.0740903			259074	14.11				3
0	0.402511	1.613936	0.229399	0	0.020196	0.249595	8.985069	0	3.165594	12.15066	3.976771	5.406124	5.552106	27.08566	10.28953	0	3.437129	13.72666	3.976771	5.406124	5.552106	28.66167	96.5451	0	13.34657	109.8917	0.008696	0	0.001001	0.009697	0.033549	103.4356649	103436	37.57						2
0	4.345016	6.68715	3.551954	0	1.397584	4.949539	11.85368	0	24.71943	36.57311	8.147868	3.014345	7.215741	54.95107	16.44772	0	27.05922	43.50694	8.147868	3.014345	7.215741	61.8849	428.8668	0	176.0392	604.906	0.724652	0	0.026506	0.751158	4.508789	8012.189595	8012190	16.07						2
0	0	0.001317	0.060818	0	0	0.060818	0.028352	0	0	0.028352	0	0	0	0.028352	0.032277	0	0	0.032277	0	0	0	0.032277	0.261343	0	0	0.261343	0.003658	0	0	0.003658	0.002528	34.48330839			34483	21.45				3
0	0.001088	0.07868	0.065608	0	0.000449	0.066058	0.482328	0	0.006866	0.489194	1.01212	0.410846	0.0071	1.91926	0.614512	0	0.007477	0.621989	1.01212	0.410846	0.0071	2.052056	15.24391	0	0.071095	15.31501	0.021922	0	6.28E-06	0.021929	0.049656	233.9002434	233900	4.56						2
0	0	0.002003	0.052284	0	0	0.052284	0.043126	0	0	0.043126	0	0	0	0.043126	0.049096	0	0	0.049096	0	0	0	0.049096	0.169604	0	0	0.169604	0.003144	0	0	0.003144	0.015773	29.64439211			29644	9.77				3
0.01233	0.121269	0.314575	0.185851	0.000292	0.033955	0.220098	1.101759	0.058151	0.924014	2.083923	0.332981	0.150344	0.741485	3.308734	1.472741	0.081918	1.005893	2.560552	0.332981	0.150344	0.741485	3.785362	28.76256	0.832261	8.629139	38.22396	0.046122	0.000328	0.000767	0.047217	0.108727	503.6423109	503642	4.50						2
0.014915	0	0.246119	2.0909	0.111901	0	2.202801	4.977776	0.321109	0	5.298885	0	0	0	5.298885	5.666819	0.365559	0	6.032378	0	0	0	6.032378	14.4827	2.724364	0	17.20707	0.125671	0.006726	0	0.132397	0.702928	1248.967642			1248968	8.43				3
0.009712	0	0.022732	0.004861	0.000501	0	0.005362	0.000186	0.000139	0	0.000325	0	0	0	0.000325	0.013288	0.009912	0	0.0232	0	0	0	0.0232	0.07	0.009885	0	0.079885	0	0	0	0	0.027319	3.040175375					3040	7.69		
0.003507	0.017573	0.051084	0.046535	8.98E-05	0.011021	0.057647	0.152188	0.013762	0.104908	0.270859	0.036985	0.014373	0.043598	0.365814	0.216186	0.01998	0.114607	0.350773	0.036985	0.014373	0.043598	0.445729	3.950602	0.106174	1.740067	5.796843	0.018248	7.2E-05	0.000132	0.018452	0.044934	196.819626	196820	4.62						2
0.001428	0	0.027421	0.159275	0.005105	0	0.164381	0.559622	0.030743	0	0.590365	0	0	0	0.590365	0.637087	0.034998	0	0.672085	0	0	0	0.672085	1.59372	0.164304	0	1.758024	0.009573	0.000307	0	0.00988	0.052902	93.20231289			93202	7.16				3
0.001676	0	0.014478	0.004482	8.65E-05	0	0.004568	0.000183	2.39E-05	0	0.000207	0	0	0	0.000207	0.013066	0.00171	0	0.014776	0	0	0	0.014776	0.063784	0.001705	0	0.06549	0	0	0	0	0.023938	2.590203065					2590	7.91		
0.010361	0.001607	0.023157	0.010684	0.000345	0.000911	0.011941	0.062709	0.047086	0.00999	0.119785	0.013346	0.004098	0.010676	0.147905	0.088962	0.068585	0.010931	0.168478	0.013346	0.004098	0.010676	0.196598	1.538094	0.365498	0.258927	2.162519	0.001842	0.000122	1.21E-05	0.001977	0.009089	21.08427148	21084	8.82						2
0.000896	0	0.011535	0.096548	0.008413	0	0.104961	0.229059	0.019289	0	0.248348	0	0	0	0.248348	0.260766	0.021959	0	0.282725	0	0	0	0.282725	0.576866	0.152632	0	0.729498	0.005803	0.000506	0	0.006309	0.023229	59.51185458			59512	7.67				3
0.025924	0	0.207865	0.012855	0.001332	0	0.014187	0.0026	0.00037	0	0.00297	0	0	0	0.00297	0.185684	0.026458	0	0.212142	0	0	0	0.212142	0.657869	0.026385	0	0.684254	0	0	0	0	0.038296	8.043798242					8044	4.07		
0	0.001175	0.002471	0.004477	0	0.000878	0.005355	0.004762	0	0.005048	0.00981	0.001954	0.000548	0.001061	0.013373	0.006949	0	0.005527	0.012475	0.001954	0.000548	0.001061	0.016039	0.112456	0	0.0872	0.199655	0.003907	0	9.66E-06	0.003917	0.01022	41.77646986	41776	4.93						2
0	0	0.002844	0.116253	0	0	0.116253	0.061233	0	0	0.061233	0	0	0	0.061233	0.069709	0	0	0.069709	0	0	0	0.069709	0.344059	0	0	0.344059	0.006992	0	0	0.006992	0.017876	65.91456332			65915	6.10				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	4.399823	0.358362	0	0	0.358362	0.667639	0	0	0.667639	0	0	0	0.667639	5.179443	0	0	5.179443	0	0	0	5.179443	19.52319	0	0	19.52319	0	0	0	0	0.829829	203.1880283					203188	3.82		
0	2.13E-06	0.039733	0.029391	0	0.000329	0.029721	0.286413	0	1.13E-05	0.286424	0.018682	0.010616	0.041193	0.356915	0.361157	0	1.23E-05	0.361169	0.018682	0.010616	0.041193	0.43166	11.35109	0	0.154407	11.5055	0.003321	0	4.15E-05	0.003362	0.005507	35.86271589	35863	3.39						2
0.077884	0	0.752968	10.50448	0.494383	0	10.99887	14.53436	1.676825	0	16.21119	0	0	0	16.21119	16.54627	1.908938	0	18.4552	0	0	0	18.4552	53.9484	11.18505	0	65.13345	0.631361	0.029714	0	0.661075	4.00944	6236.253955			6236254	5.83				3
0.201205	0	1.95038	0.164437	0.01195	0	0.176387	0.084763	0.005026	0	0.08979	0	0	0	0.08979	1.85326	0.207796	0	2.061056	0	0	0	2.061056	7.488276	0.435006	0	7.923282	0	0	0	0	0.408567	100.0095196					100010	4.66		
0	9.602256	14.91508	6.495135	0	3.031916	9.527052	25.8686	0	52.00201	77.8706	33.03493	11.98365	28.54496	151.4341	36.19482	0	56.91499	93.10981	33.03493	11.98365	28.54496	166.6733	1040.067	0	474.7735	1514.841	1.707003	0	0.060054	1.767057	15.04248	18848.23549	18848235	25.15						2
0	0	0.008726	0.157118	0	0	0.157118	0.187855	0	0	0.187855	0	0	0	0.187855	0.21386	0	0	0.21386	0	0	0	0.21386	1.677792	0	0	1.677792	0.009449	0	0	0.009449	0.012027	89.08438962			89084	39.51				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.010493	0.012029	0.00192	0	0.0053	0.00722	0.004783	0	0.041961	0.046744	0.038464	0.009588	0.009084	0.10388	0.006979	0	0.045942	0.052921	0.038464	0.009588	0.009084	0.110057	0.722157	0	0.321718	1.043875	0.004411	0	0.000175	0.004587	0.030792	48.92322549								
0	1.474821	2.686878	1.283424	0	0.374871	1.658295	6.526319	0	8.601501	15.12782	7.193482	2.45314	6.77344	31.54788	8.849794	0	9.413029	18.26282	7.193482	2.45314	6.77344	34.68289	216.6	0	86.04022	302.6402	0.184808	0	0.007661	0.192468	1.850419	2052.955987	2052956	21.20						2
0	0	0.000742	0.005235	0	0	0.005235	0.015977	0	0	0.015977	0	0	0	0.015977	0.018189	0	0	0.018189	0	0	0	0.018189	0.100758	0	0	0.100758	0.000315	0	0	0.000315	0.000222	2.968010812			2968	21.88				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								

0	4.263586	6.715043	3.709451	0	1.576067	5.285518	12.39556	0	23.28086	35.67642	11.42454	4.08739	9.790037	60.97839	17.09696	0	25.48326	42.58022	11.42454	4.08739	9.790037	67.88219	488.1786	0	210.6908	698.8694	0.813461	0	0.028942	0.842403	5.64359	8985.447381	8985447	19.19						2
0	0	0.000445	0.020708	0	0	0.020708	0.009576	0	0	0.009576	0	0	0	0.009576	0.010902	0	0	0.010902	0	0	0	0.010902	0.065462	0	0	0.065462	0.001245	0	0	0.001245	0.001138	11.74109506			11741	28.37				3
0.066631	0.419054	1.001368	0.516645	0.001567	0.392124	0.910336	3.033699	0.267373	2.411862	5.712934	2.078191	0.785182	3.32196	11.89827	4.080509	0.387127	2.635063	7.102699	2.078191	0.785182	3.32196	13.28803	68.31489	2.06487	24.55697	94.93673	0.157747	0.000693	0.002091	0.160531	0.749414	1712.299006	1712299	8.99						2
0.001996	0	0.186132	1.204171	0.008805	0	1.212976	3.964345	0.042976	0	4.007321	0	0	0	4.007321	4.513144	0.048925	0	4.562068	0	0	0	4.562068	12.9396	0.356204	0	13.2958	0.072422	0.00053	0	0.072952	0.817277	687.7461759			687746	17.51				3
0.009935	0.050615	0.104174	0.061533	0.000238	0.060946	0.122716	0.220095	0.038167	0.263272	0.521534	0.225428	0.072579	0.347073	1.166613	0.319768	0.055682	0.28823	0.663679	0.225428	0.072579	0.347073	1.308758	5.165508	0.296216	3.599367	9.061091	0.026416	0.000114	0.000316	0.026845	0.117957	286.3431625	286343	8.33						2
0.000599	0	0.05067	0.477595	0.004212	0	0.481808	1.077995	0.012896	0	1.090891	0	0	0	1.090891	1.227226	0.014681	0	1.241907	0	0	0	1.241907	3.304506	0.106888	0	3.411394	0.028724	0.000253	0	0.028977	0.360113	273.1805336			273181	13.97				3
0	0.394102	1.555179	0.224029	0	0.019681	0.243709	8.528268	0	3.08648	11.61475	3.93746	5.50129	5.659358	26.71286	9.804541	0	3.351522	13.15606	3.93746	5.50129	5.659358	28.25417	92.08905	0	13.40522	105.4943	0.008759	0	0.000987	0.009746	0.034686	103.9593612	103959	38.01						2
0	4.2875	6.566809	3.425787	0	1.388771	4.814558	11.62072	0	24.32094	35.94166	8.692969	3.153488	7.404898	55.19301	16.05477	0	26.62233	42.6771	8.692969	3.153488	7.404898	61.92845	420.7606	0	172.2575	593.0182	0.740065	0	0.026915	0.766981	4.48282	8180.964989	8180965	16.24						2
0	0	0.001382	0.078869	0	0	0.078869	0.029757	0	0	0.029757	0	0	0	0.029757	0.033876	0	0	0.033876	0	0	0	0.033876	0.304446	0	0	0.304446	0.004743	0	0	0.004743	0.003343	44.7182654			44718	21.88				3
0	0.001008	0.069978	0.060663	0	0.000449	0.061113	0.422238	0	0.00623	0.428469	0.970252	0.378473	0.006685	1.783878	0.541537	0	0.006786	0.548323	0.970252	0.378473	0.006685	1.903732	13.27985	0	0.067884	13.34773	0.021417	0	5.94E-06	0.021423	0.048964	228.5106189	228511	4.57						2
0	0	0.00198	0.05212	0	0	0.05212	0.042638	0	0	0.042638	0	0	0	0.042638	0.04854	0	0	0.04854	0	0	0	0.04854	0.167027	0	0	0.167027	0.003135	0	0	0.003135	0.018292	29.55178802			29552	9.77				3
0.012794	0.111988	0.291334	0.178555	0.000309	0.03487	0.213733	0.992686	0.05877	0.830827	1.882283	0.312429	0.131281	0.686694	3.012686	1.340026	0.083401	0.904906	2.328332	0.312429	0.131281	0.686694	3.458736	25.71308	0.845166	8.732244	35.29049	0.047553	0.000331	0.000739	0.048624	0.113515	518.6428284	518643	4.53						2
0.01363	0	0.219986	2.101901	0.113072	0	2.214973	4.442795	0.293451	0	4.736246	0	0	0	4.736246	5.057783	0.334072	0	5.391855	0	0	0	5.391855	12.94425	2.595296	0	15.53955	0.126333	0.006796	0	0.133129	0.844992	1255.868913			1255869	8.42				3
0.012071	0	0.027861	0.005838	0.000618	0	0.006456	0.000226	0.000172	0	0.000398	0	0	0	0.000398	0.016114	0.012319	0	0.028434	0	0	0	0.028434	0.084692	0.012286	0	0.096978	0	0	0	0	0.033153	3.660583054					3661	7.75		
0.003354	0.016948	0.048786	0.043732	8.54E-05	0.010558	0.054375	0.145079	0.013264	0.10127	0.259614	0.041811	0.01509	0.049675	0.36619	0.206642	0.019266	0.110652	0.33656	0.041811	0.01509	0.049675	0.443137	3.713894	0.102445	1.720059	5.536398	0.016792	6.96E-05	0.000127	0.016989	0.04137	181.2140669	181214	4.62						2
0.001387	0	0.028653	0.161432	0.00523	0	0.166662	0.587036	0.029859	0	0.616895	0	0	0	0.616895	0.668296	0.033992	0	0.702288	0	0	0	0.702288	1.620726	0.169992	0	1.790718	0.009703	0.000314	0	0.010017	0.062633	94.49599223			94496	7.12				3
0.001276	0	0.012091	0.003824	6.56E-05	0	0.00389	0.000155	1.82E-05	0	0.000173	0	0	0	0.000173	0.011037	0.001303	0	0.012339	0	0	0	0.012339	0.054744	0.001299	0	0.056043	0	0	0	0	0.020709	2.205403684					2205	8.04		
0.010809	0.001614	0.022772	0.010371	0.000365	0.000969	0.011705	0.057429	0.048697	0.009907	0.116033	0.01295	0.003887	0.010083	0.142953	0.081925	0.070971	0.010842	0.163738	0.01295	0.003887	0.010083	0.190659	1.400048	0.377944	0.256904	2.034896	0.001921	0.000126	1.22E-05	0.002059	0.009609	21.95862101	21959	8.93						2
0.000241	0	0.003169	0.095903	0.008341	0	0.104243	0.063036	0.005198	0	0.068234	0	0	0	0.068234	0.071762	0.005918	0	0.07768	0	0	0	0.07768	0.162652	0.055256	0	0.217908	0.005764	0.000501	0	0.006265	0.02611	59.10491301			59105	7.64				3
0.02849	0	0.251754	0.015624	0.001455	0	0.01708	0.00319	0.000407	0	0.003597	0	0	0	0.003597	0.227858	0.029076	0	0.256934	0	0	0	0.256934	0.807847	0.028996	0	0.836843	0	0	0	0	0.046629	9.684010863					9684	4.12		
0	0.001168	0.002327	0.004293	0	0.000856	0.005149	0.004162	0	0.005028	0.00919	0.001956	0.000571	0.00103	0.012747	0.006073	0	0.005505	0.011578	0.001956	0.000571	0.00103	0.015135	0.105898	0	0.085858	0.191755	0.003723	0	9.32E-06	0.003732	0.0099	39.80786312	39808	5.01						2
0	0	0.002199	0.096833	0	0	0.096833	0.04734	0	0	0.04734	0	0	0	0.04734	0.053893	0	0	0.053893	0	0	0	0.053893	0.264181	0	0	0.264181	0.005824	0	0	0.005824	0.022667	54.90327806			54903	6.35				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	4.12805	0.362577	0	0	0.362577	0.605606	0	0	0.605606	0	0	0	0.605606	4.835816	0	0	4.835816	0	0	0	4.835816	19.68983	0	0	19.68983	0	0	0	0	0.829015	205.5778764					205578	3.77		
0	2.03E-07	0.020029	0.009749	0	0.000236	0.009985	0.16464	0	1.06E-06	0.164642	0.012636	0.006927	0.028035	0.21224	0.197477	0	1.16E-06	0.197478	0.012636	0.006927	0.028035	0.245077	6.213899	0	0.036917	6.250815	0.000779	0	2.44E-05	0.000804	0.000904	8.573445149	8573	3.08						2
0.081622	0	0.635763	10.45307	0.561737	0	11.01481	11.9305	1.757306	0	13.68781	0	0	0	13.68781	13.58197	2.000559	0	15.58253	0	0	0	15.58253	44.28766	13.8304	0	58.11806	0.628271	0.033763	0	0.662033	4.767779	6245.291953			6245292	5.81				3
0.253885	0	2.24503	0.184202	0.014652	0	0.198854	0.084789	0.005708	0	0.090497	0	0	0	0.090497	2.096297	0.261479	0	2.357776	0	0	0	2.357776	8.867527	0.52965	0	9.397178	0	0	0	0	0.469948	112.7485434					112749	4.74		
0	9.03797	13.79756	6.019516	0	2.987115	9.00663	22.68307	0	48.04354	70.7266	32.23661	11.15377	26.57224	140.6892	31.93418	0	52.58644	84.52063	32.23661	11.15377	26.57224	154.4832	964.5299	0	439.4259	1403.956	1.776865	0	0.059894	1.836758	15.05872	19591.69434	19591694	25.61						2
0	0	0.008418	0.185611	0	0	0.185611	0.181232	0	0	0.181232	0	0	0	0.181232	0.206321	0	0	0.206321	0	0	0	0.206321	1.750385	0	0	1.750385	0.011163	0	0	0.011163	0.014522	105.2394655			105239	40.38				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.014496	0.016623	0.002664	0	0.007324	0.009988	0.006615	0	0.057936	0.064552	0.053126	0.01328	0.012563	0.143521	0.009653	0	0.063433	0.073086	0.053126	0.01328	0.012563	0.152055	0.999996	0	0.44429	1.444286	0.006112	0	0.00024	0.006352	0.042718	67.75541285								
0	1.413635	2.543475	1.216933	0	0.374135	1.591067	5.983775	0	8.133074	14.11685	7.071273	2.328955	6.404547	29.92162	8.168953	0	8.900998	17.06995	7.071273	2.328955	6.404547	32.87473	204.0066	0	80.90641	284.913	0.200511	0	0.007799	0.20831	1.891176	2221.926118	2221926	21.76						2
0	0	0.000705	0.004676	0	0	0.004676	0.015173	0	0	0.015173	0	0	0	0.015173	0.017273	0	0	0.017273	0	0	0	0.017273	0.092773	0	0	0.092773	0.000281	0	0	0.000281	0.0002	2.651349233			2651	22.09				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	4.169919	6.478515	3.587171	0	1.557906	5.145076	11.37031	0	22.54748	33.91779	11.81966	4.015238	9.747412	59.50011	15.86684	0	24.68215	40.54899	11.81966	4.015238	9.747412	66.1313	467.7772	0	202.8266	670.6038	0.830703	0	0.028863	0.859567	5.667943	9168.528486	9168528	19.46						2
0	0	0.001055	0.036616	0	0	0.036616	0.022713	0	0	0.022713	0	0	0	0.022713	0.025857	0	0	0.025857	0	0	0	0.025857	0.138452	0	0	0.138452	0.002202	0	0	0.002202	0.002025	20.76070711			20761	28.54				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	3.15E-05	3.62E-05	5.97E-06	0	1.59E-05	2.19E-05	1.47E-05	0	0.000125	0.00014	0.000116	2.86E-05	2.8E-05	0.000313	2.15E-05	0	0.000137	0.000159	0.000116	2.86E-05	2.8E-05	0.000331	0.002223	0	0.000962	0.003185	1.36E-05	0	6.51E-07	1.42E-05	9.49E-05	0.15190088								
0.066227	0.400643	0.932859	0.485123	0.001569	0.397944	0.884635	2.699906	0.263267	2.261558	5.224731	2.046585	0.72801	3.181512	11.18084	3.660128	0.381816	2.471708	6.513652	2.046585	0.72801	3.181512	12.46976	60.78358	2.035209	24.06602	86.88481	0.157052	0.000681	0.002026	0.159759	0.76171	1704.066631	1704067	9.15						2
0.002036	0	0.18695	1.275212	0.008969	0	1.284181	3.981082	0.043834	0	4.024916	0	0	0	4.024916	4.532197	0.049902	0	4.582099	0	0	0	4.582099	12.83846	0.363316	0	13.20177	0.076695	0.000539	0	0.077234	1.028672	728.1183996			728118	17.27				3
0.009969	0.05053	0.101793	0.059349	0.00024	0.061736	0.121326	0.207439	0.038155	0.261534	0.507127	0.234904	0.073597	0.349732	1.16536	0.301484	0.055665	0.286329	0.643479	0.234904	0.073597	0.349732	1.301711	4.944053	0.29604	3.600682	8.840776	0.026525	0.000113	0.000315	0.026953	0.120196	287.4913245	287491	8.45						2
0.000641	0	0.052417	0.535871	0.004502	0	0.540374	1.114705	0.013794	0	1.128499	0	0	0	1.128499	1.269018	0.015703	0	1.284721	0	0	0	1.284721	3.340401	0.114329	0	3.45473	0.032229	0.000271	0	0.0325	0.477582	306.3868431			306387	13.81				3
0	0.392109	1.554176	0.228568	0	0.0196	0.248169	8.441	0	3.049202	11.4902	3.973891	5.704572	5.877158	27.04582	9.744407	0	3.311397	13.0558	3.973891	5.704572	5.877158	28.61142	91.5651	0	13.71153	105.2766	0.009199	0	0.000994	0.010193	0.037293	108.7228901	108723	38.50						2
0	4.027953	6.16583	3.173724	0	1.320603	4.494327	10.99337	0	22.68686	33.68023	8.74716	3.121409	7.191173	52.73997	15.08996	0	24.83285	39.9228	8.74716	3.121409	7.191173	58.98255	398.7687	0	159.8855	558.6542	0.743413	0	0.026313	0.769726	4.351355	8210.243946	8210244	16.44						2
0	0	0.001934	0.141295	0	0	0.141295	0.041631	0	0	0.041631	0	0	0	0.041631	0.047394	0	0	0.047394	0	0	0	0.047394	0.51272	0	0	0.51272	0.008498	0	0	0.008498	0.006066	80.11277504			80113	22.16				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000838	0.056483	0.054064	0	0.00044	0.054504	0.325875	0	0.004902	0.330777	0.87263	0.317121	0.005884	1.526412	0.427497	0	0.005343	0.43284	0.87263	0.317121	0.005884	1.628476	10.22323	0	0.06267	10.2859	0.020747	0	5.25E-06	0.020752	0.048177	221.3481119	221348	4.58						2
0	0	0.002029	0.055867	0	0	0.055867	0.043685	0	0	0.043685	0	0	0	0.043685	0.049733	0	0	0.049733	0	0	0	0.049733	0.170057	0	0	0.170057	0.00336	0	0	0.00336	0.024041	31.67605255			31676	9.75				3
0.013124	0.106143	0.275274	0.171543	0.000322	0.03547	0.207335	0.917301	0.05908	0.773606	1.749987	0.303607	0.118253	0.653874	2.825721	1.247074	0.084244	0.842859	2.174177	0.303607	0.118253	0.653874	3.249911	23.56829	0.852002	8.754928	33.17522	0.048937	0.000332	0.000718	0.049988	0.117983	533.195839	533196	4.57						2
0.012743	0	0.200629	2.104387	0.115273	0	2.21966	4.04513	0.274351	0	4.319481	0	0	0	4.319481	4.605072	0.312328	0	4.9174	0	0	0	4.9174	11.82439	2.569861	0	14.39426	0.126482	0.006928	0	0.13341	0.99998	1258.526449			1258526	8.39				3
0.014316	0	0.032475	0.006661	0.000728	0	0.007388	0.000259	0.000205	0	0.000464	0	0	0	0.000464	0.018533	0.01461	0	0.033143	0	0	0	0.033143	0.097331	0.01457	0	0.111901	0	0	0	0	0.038114	4.189116067					4189	7.79		
0.003432	0.016957	0.047348	0.041599	8.83E-05	0.010842	0.05253	0.137495	0.013493	0.100798	0.251786	0.042342	0.014843	0.049318	0.358289	0.19588	0.019606	0.110136	0.325622	0.042342	0.014843	0.049318	0.432125	3.476579	0.104216	1.703868	5.284663	0.01696	7.05E-05	0.000128	0.017158	0.041952	183.0158049	183016	4.64						2
0.001295	0	0.026671	0.161186	0.005163	0	0.166349	0.546337	0.027889	0	0.574227	0	0	0	0.574227	0.621963	0.03175	0	0.653713	0	0	0	0.653713	1.507751	0.166905	0	1.674656	0.009688	0.00031	0	0.009998	0.071881	94.31819976			94318	7.11				3
0.001645	0	0.014076	0.004331	8.42E-05	0	0.004415	0.000178	2.35E-05	0	0.000201	0	0	0	0.000201	0.012687	0.001679	0	0.014366	0	0	0	0.014366	0.062214	0.001674	0	0.063888	0	0	0	0	0.023423	2.503302987					2503	8.01		
0.016141	0.004285	0.067368	0.023955	0.000526	0.001386	0.025868	0.323539	0.077002	0.030822	0.431364	0.037087	0.015433	0.030291	0.514175	0.408973	0.1097	0.033568	0.552241	0.037087	0.015433	0.030291	0.635053	7.772957	0.58743	0.383558	8.743946	0.003205	0.000198	2.04E-05	0.003423	0.013903	36.5114817	36511	8.72						2
0.00023	0	0.003117	0.095134	0.008157	0	0.103291	0.062155	0.004944	0	0.067099	0	0	0	0.067099	0.070759	0.005628	0	0.076388	0	0	0	0.076388	0.16078	0.056729	0	0.217508	0.005718	0.00049	0	0.006208	0.028823	58.56508543			58565	7.67				3
0.028674	0	0.266144	0.016554	0.001459	0	0.018013	0.003393	0.00041	0	0.003803	0	0	0	0.003803	0.242356	0.029264	0	0.27162	0	0	0	0.27162	0.859257	0.029183	0	0.88844	0	0	0	0	0.049591	10.21299712					10213	4.16		
0	0.0012	0.002382	0.004304	0	0.000908	0.005212	0.00434	0	0.005108	0.009448	0.002059	0.000607	0.00109	0.013203	0.006332	0	0.005593	0.011925	0.002059	0.000607	0.00109	0.015681	0.120477	0	0.089153	0.20963	0.003709	0	9.48E-06	0.003718	0.010345	39.66211896	39662	5.26						2
0	0	0.002388	0.107857	0	0	0.107857	0.051418	0	0	0.051418	0	0	0	0.051418	0.058535	0	0	0.058535	0	0	0	0.058535	0.260094	0	0	0.260094	0.006487	0	0	0.006487	0.035112	61.15366742			61154	6.51				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.521	0.353172	0	0	0.353172	0.48495	0	0	0.48495	0	0	0	0.48495	4.088672	0	0	4.088672	0	0	0	4.088672	19.3404	0	0	19.3404	0	0	0	0	0.806759	200.2451262					200245	3.77		
0	0	0.011397	0.006758	0	0.000131	0.006888	0.088587	0	0	0.088587	0.006395	0.003091	0.014121	0.112193	0.109615	0	0	0.109615	0.006395	0.003091	0.014121	0.133221	3.236515	0	0.029106	3.26562	0.000582	0	1.14E-05	0.000593	0.000835	6.328224806	6328	3.24						2
0.083539	0	0.549045	10.97665	0.611575	0	11.58822	10.02221	1.798568	0	11.82078	0	0	0	11.82078	11.40953	2.047532	0	13.45706	0	0	0	13.45706	37.29649	16.14974	0	53.44623	0.65974	0.036758	0	0.696498	5.780513	6570.413945			6570414	5.81				3
0.309644	0	2.64744	0.217388	0.017445	0	0.234834	0.089716	0.006448	0	0.096164	0	0	0	0.096164	2.450052	0.31832	0	2.768372	0	0	0	2.768372	10.78926	0.622366	0	11.41163	0	0	0	0	0.575305	133.1484093					133148	4.86		
0	8.408682	12.74832	5.723199	0	2.91571	8.63891	20.00758	0	43.6268	63.63438	30.46543	10.09467	24.24088	128.4354	28.42103	0	47.75636	76.17739	30.46543	10.09467	24.24088	140.9784	912.891	0	400.4679	1313.359	1.871538	0	0.058352	1.92989	16.62304	20585.08543	20585085	26.09						2
0	0	0.007842	0.179429	0	0	0.179429	0.168832	0	0	0.168832	0	0	0	0.168832	0.192204	0	0	0.192204	0	0	0	0.192204	1.706804	0	0	1.706804	0.010791	0	0	0.010791	0.014093	101.734803			101735	40.54				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.017784	0.020508	0.003435	0	0.009026	0.012461	0.008426	0	0.070691	0.079117	0.062768	0.016219	0.015366	0.17347	0.012295	0	0.077397	0.089693	0.062768	0.016219	0.015366	0.184046	1.275134	0	0.542171	1.817305	0.007798	0	0.000291	0.008089	0.066693	86.28126219								
0	1.314169	2.359611	1.159201	0	0.36002	1.519221	5.355306	0	7.43299	12.7883	6.755375	2.11752	5.937065	27.59826	7.415305	0	8.135692	15.551	6.755375	2.11752	5.937065	30.36096	192.322	0	73.90764	266.2296	0.213798	0	0.007582	0.22138	2.073035	2361.340938	2361341	22.30						2
0	0	0.000594	0.003803	0	0	0.003803	0.012782	0	0	0.012782	0	0	0	0.012782	0.014552	0	0	0.014552	0	0	0	0.014552	0.08068	0	0	0.08068	0.000229	0	0	0.000229	0.000164	2.156375363			2156	22.19				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	3.869771	6.032105	3.401083	0	1.459457	4.86054	10.43669	0	20.61786	31.05455	11.49473	3.758821	9.215424	55.52352	14.65867	0	22.57061	37.22928	11.49473	3.758821	9.215424	61.69825	445.0698	0	185.1455	630.2153	0.844477	0	0.027483	0.87196	6.006468	9300.720728	9300721	19.81						2
0	0	0.000999	0.040828	0	0	0.040828	0.021513	0	0	0.021513	0	0	0	0.021513	0.024491	0	0	0.024491	0	0	0	0.024491	0.139165	0	0	0.139165	0.002456	0	0	0.002456	0.002289	23.14910429			23149	28.94				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000117	0.000136	2.36E-05	0	5.97E-05	8.33E-05	5.74E-05	0	0.000465	0.000522	0.00037	9.52E-05	9.87E-05	0.001086	8.37E-05	0	0.000509	0.000593	0.00037	9.52E-05	9.87E-05	0.001156	0.008668	0	0.003566	0.012234	5.3E-05	0	2.37E-06	5.54E-05	0.000664	0.590786037								
0.067401	0.392304	0.898401	0.481563	0.001619	0.417352	0.900535	2.479595	0.263706	2.159464	4.902765	2.052281	0.68993	3.113534	10.75851	3.398428	0.383007	2.360924	6.142359	2.052281	0.68993	3.113534	11.9981	56.56041	2.046384	24.3494	82.95619	0.168587	0.000682	0.002031	0.1713	0.841582	1827.1677	1827168	9.40						2
0.002143	0	0.197564	1.479383	0.009405	0	1.488789	4.207305	0.046139	0	4.253445	0	0	0	4.253445	4.789737	0.052527	0	4.842264	0	0	0	4.842264	13.35235	0.382427	0	13.73478	0.088974	0.000566	0	0.08954	1.457185	844.1291387			844129	17.04				3
0.009563	0.049061	0.099292	0.059435	0.00023	0.059905	0.11957	0.203703	0.036545	0.253095	0.493343	0.240997	0.073201	0.351715	1.159255	0.296086	0.053318	0.277093	0.626497	0.240997	0.073201	0.351715	1.292409	4.843438	0.283877	3.402323	8.529639	0.026119	0.000109	0.000301	0.026529	0.118173	282.9677629	282968	8.44						2
0.000674	0	0.055308	0.601071	0.004728	0	0.605799	1.176232	0.014515	0	1.190747	0	0	0	1.190747	1.339062	0.016524	0	1.355586	0	0	0	1.355586	3.477533	0.120304	0	3.597837	0.03615	0.000284	0	0.036434	0.598407	343.4822476			343482	13.75				3
0	0.377963	1.557013	0.236586	0	0.018756	0.255342	8.445711	0	2.916259	11.36197	3.864176	5.726028	5.903971	26.85614	9.797057	0	3.167422	12.96448	3.864176	5.726028	5.903971	28.45865	92.09397	0	13.55949	105.6535	0.009778	0	0.000964	0.010742	0.040571	114.5812216	114581	39.15						2
0	3.761576	5.832513	3.102925	0	1.231106	4.334031	10.53794	0	21.12725	31.66518	8.731666	2.990603	7.082142	50.4696	14.52449	0	23.12638	37.65087	8.731666	2.990603	7.082142	56.45529	384.369	0	146.4913	530.8603	0.709164	0	0.02397	0.733134	4.448028	7819.9391	7819939	16.59						2
0	0	0.002177	0.175582	0	0	0.175582	0.046877	0	0	0.046877	0	0	0	0.046877	0.053366	0	0	0.053366	0	0	0	0.053366	0.621715	0	0	0.621715	0.01056	0	0	0.01056	0.007634	99.55347793			99553	22.44				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000414	0.000478	8.24E-05	0	0.000211	0.000293	0.0002	0	0.001638	0.001837	0.001231	0.000321	0.000342	0.003731	0.000292	0	0.001793	0.002085	0.001231	0.000321	0.000342	0.003978	0.030474	0	0.012561	0.043035	0.000186	0	1.01E-05	0.000196	0.002739	2.090911098								
0	0.00064	0.040378	0.04857	0	0.000429	0.048999	0.208807	0	0.003322	0.212129	0.756363	0.243656	0.005026	1.217173	0.28777	0	0.003629	0.291398	0.756363	0.243656	0.005026	1.296443	6.440842	0	0.057181	6.498023	0.020516	0	4.47E-06	0.020521	0.048931	218.8822001	218882	4.60						2
0	0	0.002086	0.058494	0	0	0.058494	0.044918	0	0	0.044918	0	0	0	0.044918	0.051136	0	0	0.051136	0	0	0	0.051136	0.174656	0	0	0.174656	0.003518	0	0	0.003518	0.027696	33.16547298			33165	9.75				3
0.014225	0.101413	0.266	0.171608	0.000361	0.038496	0.210464	0.868217	0.061774	0.714514	1.644505	0.287302	0.106072	0.607922	2.6458	1.188741	0.088591	0.778866	2.056198	0.287302	0.106072	0.607922	3.057494	22.00094	0.89361	8.895695	31.79025	0.056033	0.000346	0.000715	0.057094	0.13702	608.9892646	608989	4.62						2
0.011764	0	0.189696	2.221162	0.117259	0	2.338421	3.830831	0.253268	0	4.084099	0	0	0	4.084099	4.36111	0.288327	0	4.649436	0	0	0	4.649436	11.24208	2.5401	0	13.78218	0.133501	0.007048	0	0.140548	1.212871	1325.862661			1325863	8.39				3
0.017402	0	0.039831	0.008104	0.000877	0	0.008981	0.00032	0.000249	0	0.000569	0	0	0	0.000569	0.02289	0.01776	0	0.040651	0	0	0	0.040651	0.118924	0.017712	0	0.136636	0	0	0	0	0.046479	5.092171124					5092	7.81		
0.00333	0.015697	0.044565	0.040092	8.62E-05	0.010512	0.050691	0.12836	0.012968	0.090768	0.232096	0.040314	0.013363	0.045904	0.331676	0.184053	0.018872	0.099229	0.302154	0.040314	0.013363	0.045904	0.401734	3.187122	0.100271	1.637879	4.925272	0.016903	6.77E-05	0.00012	0.017091	0.041948	182.2998394	182300	4.65						2
0.001229	0	0.025997	0.170365	0.005205	0	0.17557	0.533247	0.026465	0	0.559712	0	0	0	0.559712	0.607062	0.030128	0	0.63719	0	0	0	0.63719	1.461467	0.16886	0	1.630327	0.01024	0.000313	0	0.010552	0.085999	99.54633753			99546	7.08				3
0.001832	0	0.016357	0.004971	9.31E-05	0	0.005064	0.000208	2.62E-05	0	0.000234	0	0	0	0.000234	0.014824	0.00187	0	0.016694	0	0	0	0.016694	0.071703	0.001865	0	0.073567	0	0	0	0	0.026864	2.871471887					2871	8.01		
0.013555	0.003867	0.061012	0.023304	0.000428	0.001158	0.02489	0.299579	0.064689	0.027909	0.392178	0.033654	0.013852	0.027438	0.467122	0.377853	0.092084	0.030394	0.50033	0.033654	0.013852	0.027438	0.575274	7.205763	0.493444	0.339279	8.038485	0.00289	0.000167	1.75E-05	0.003074	0.012562	32.78791752	32788	8.75						2

0.00025	0	0.003256	0.098698	0.00873	0	0.107428	0.06473	0.005372	0	0.070102	0	0	0	0.070102	0.07369	0.006116	0	0.079806	0	0	0	0.079806	0.167646	0.065387	0	0.233033	0.005932	0.000525	0	0.006457	0.033547	60.91071543			60911	7.65				3
0.035355	0	0.31971	0.019773	0.001787	0	0.02156	0.004063	0.000505	0	0.004568	0	0	0	0.004568	0.290205	0.036082	0	0.326287	0	0	0	0.326287	1.026815	0.035984	0	1.062798	0	0	0	0	0.060371	12.22444688					12224	4.23		
0	0.001392	0.002646	0.004546	0	0.001138	0.005684	0.004357	0	0.005893	0.010249	0.002479	0.000743	0.001315	0.014786	0.006357	0	0.006452	0.012809	0.002479	0.000743	0.001315	0.017346	0.134764	0	0.106191	0.240955	0.004223	0	1.09E-05	0.004234	0.012314	45.16204038	45162	5.50						2
0	0	0.002583	0.113167	0	0	0.113167	0.055619	0	0	0.055619	0	0	0	0.055619	0.063318	0	0	0.063318	0	0	0	0.063318	0.251847	0	0	0.251847	0.006806	0	0	0.006806	0.045407	64.16436121			64164	6.73				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.270166	0.373039	0	0	0.373039	0.417667	0	0	0.417667	0	0	0	0.417667	3.760054	0	0	3.760054	0	0	0	3.760054	20.20839	0	0	20.20839	0	0	0	0	0.849578	211.5093365					211509	3.76		
0	0	0.014612	0.007217	0	0.000193	0.00741	0.117488	0	0	0.117488	0.008826	0.00438	0.0198	0.150494	0.143977	0	0	0.143977	0.008826	0.00438	0.0198	0.176983	4.189061	0	0.028733	4.217794	0.000611	0	1.54E-05	0.000626	0.000781	6.676377164	6676	3.16						2
0.084628	0	0.466449	11.55161	0.653183	0	12.2048	8.2205	1.822027	0	10.04253	0	0	0	10.04253	9.358414	2.074239	0	11.43265	0	0	0	11.43265	30.70892	18.334	0	49.04292	0.694298	0.039259	0	0.733556	6.700694	6920.004707			6920005	5.80				3
0.353921	0	2.962537	0.247804	0.019922	0	0.267726	0.090185	0.006883	0	0.097068	0	0	0	0.097068	2.722569	0.363283	0	3.085852	0	0	0	3.085852	12.34641	0.718149	0	13.06456	0	0	0	0	0.674471	151.7983119					151798	4.96		
0	7.732125	11.22964	4.837729	0	2.820437	7.658167	15.69272	0	39.40267	55.09539	28.74842	9.129969	22.06949	115.0433	22.47326	0	43.13553	65.60878	28.74842	9.129969	22.06949	125.5567	776.5	0	363.9603	1140.46	1.792438	0	0.057297	1.849734	16.68971	19730.10519	19730105	26.47						2
0	0	0.005908	0.099413	0	0	0.099413	0.127193	0	0	0.127193	0	0	0	0.127193	0.1448	0	0	0.1448	0	0	0	0.1448	1.190258	0	0	1.190258	0.005979	0	0	0.005979	0.007651	56.36637992			56366	39.72				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.025513	0.029251	0.004694	0	0.012888	0.017582	0.011619	0	0.101952	0.113571	0.086194	0.0232	0.022099	0.245065	0.016954	0	0.111625	0.128579	0.086194	0.0232	0.022099	0.260072	1.758736	0	0.78199	2.540726	0.010757	0	0.000417	0.011174	0.114866	119.1852739								
0	1.249288	2.15539	1.029784	0	0.353585	1.383369	4.573556	0	7.026554	11.60011	6.652133	2.012467	5.66458	25.92929	6.388539	0	7.691332	14.07987	6.652133	2.012467	5.66458	28.40905	169.3422	0	69.24847	238.5907	0.202268	0	0.007441	0.20971	1.980033	2236.859298	2236859	22.44						2
0	0	0.000585	0.003925	0	0	0.003925	0.012599	0	0	0.012599	0	0	0	0.012599	0.014344	0	0	0.014344	0	0	0	0.014344	0.077539	0	0	0.077539	0.000236	0	0	0.000236	0.000168	2.225616661			2226	22.14				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	3.7E-06	4.27E-06	7.17E-07	0	1.87E-06	2.59E-06	1.75E-06	0	1.47E-05	1.65E-05	1.06E-05	2.84E-06	2.93E-06	3.29E-05	2.56E-06	0	1.61E-05	1.87E-05	1.06E-05	2.84E-06	2.93E-06	3.51E-05	0.000264	0	0.000113	0.000378	1.62E-06	0	6.79E-08	1.69E-06	2.38E-05	0.017997026								
0	3.798349	5.657668	3.026227	0	1.477196	4.503423	8.717504	0	19.89533	28.61283	11.68811	3.65364	9.042443	52.99702	12.37305	0	21.78073	34.15378	11.68811	3.65364	9.042443	58.53797	400.6957	0	179.2569	579.9526	0.870229	0	0.028873	0.899101	6.570665	9590.223857	9590224	20.35						2
0	0	0.00105	0.042474	0	0	0.042474	0.022614	0	0	0.022614	0	0	0	0.022614	0.025745	0	0	0.025745	0	0	0	0.025745	0.15054	0	0	0.15054	0.002555	0	0	0.002555	0.002409	24.0824699			24082	29.27				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000141	0.000162	2.6E-05	0	7.12E-05	9.72E-05	6.42E-05	0	0.000564	0.000629	0.000446	0.000115	0.00012	0.001309	9.36E-05	0	0.000618	0.000712	0.000446	0.000115	0.00012	0.001392	0.009708	0	0.004332	0.01404	5.94E-05	0	2.87E-06	6.23E-05	0.000758	0.664343131								
0.074548	0.397436	0.85019	0.437289	0.001822	0.474105	0.913217	2.081041	0.287307	2.114575	4.482923	2.092007	0.660293	3.088185	10.32341	2.8898	0.418055	2.313263	5.621118	2.092007	0.660293	3.088185	11.4616	48.60082	2.247447	27.33847	78.18674	0.180436	0.000744	0.002253	0.183434	0.938168	1956.586211	1956586	9.75						2
0.002222	0	0.184403	1.498615	0.009701	0	1.508316	3.922234	0.047844	0	3.970078	0	0	0	3.970078	4.465203	0.054467	0	4.51967	0	0	0	4.51967	12.28621	0.396557	0	12.68277	0.090131	0.000583	0	0.090714	1.698606	855.2008937			855201	16.88				3
0.01076	0.052814	0.101758	0.056434	0.000263	0.067696	0.124393	0.191126	0.040828	0.270876	0.50283	0.261409	0.076594	0.371368	1.212201	0.277232	0.059562	0.296553	0.633348	0.261409	0.076594	0.371368	1.342719	4.762215	0.318602	3.882	8.962817	0.028049	0.000121	0.000336	0.028507	0.131109	304.0653112	304065	8.71						2
0.000718	0	0.053	0.618258	0.005006	0	0.623264	1.125617	0.01545	0	1.141067	0	0	0	1.141067	1.28144	0.017589	0	1.299029	0	0	0	1.299029	3.270298	0.128057	0	3.398356	0.037184	0.000301	0	0.037485	0.685372	353.3849525			353385	13.73				3
0	0.359637	1.411406	0.214436	0	0.017643	0.232079	7.473284	0	2.772196	10.24548	3.738178	5.629589	5.822696	25.43594	8.70482	0	3.011216	11.71604	3.738178	5.629589	5.822696	26.9065	81.92463	0	13.22077	95.14539	0.009051	0	0.000922	0.009974	0.038183	106.3833583	106383	39.25						2
0	3.769221	5.610675	2.82497	0	1.277289	4.10226	9.180225	0	20.83981	30.02003	9.382779	3.050858	7.321215	49.77489	12.74535	0	22.81278	35.55813	9.382779	3.050858	7.321215	55.31298	358.3166	0	147.2315	505.5481	0.781452	0	0.026772	0.808224	4.973637	8620.882575	8620883	16.99						2
0	0	0.002032	0.161109	0	0	0.161109	0.043737	0	0	0.043737	0	0	0	0.043737	0.049792	0	0	0.049792	0	0	0	0.049792	0.592734	0	0	0.592734	0.00969	0	0	0.00969	0.007039	91.34751073			91348	22.55				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000902	0.001034	0.000168	0	0.000456	0.000623	0.00041	0	0.003596	0.004006	0.002698	0.000703	0.00075	0.008157	0.000599	0	0.003937	0.004535	0.002698	0.000703	0.00075	0.008687	0.06272	0	0.02759	0.090311	0.000383	0	2.2E-05	0.000405	0.005657	4.319590727								
0	0.000729	0.044799	0.046968	0	0.000447	0.047415	0.248078	0	0.004069	0.252147	0.800844	0.268074	0.005223	1.326288	0.331321	0	0.004438	0.335759	0.800844	0.268074	0.005223	1.4099	7.577258	0	0.057178	7.634436	0.020156	0	4.74E-06	0.020161	0.047465	215.0467774	215047	4.59						2
0	0	0.002044	0.060104	0	0	0.060104	0.044014	0	0	0.044014	0	0	0	0.044014	0.050107	0	0	0.050107	0	0	0	0.050107	0.168728	0	0	0.168728	0.003615	0	0	0.003615	0.034733	34.07832022			34078	9.73				3
0.014371	0.095738	0.241714	0.154323	0.000367	0.038431	0.193122	0.749869	0.06185	0.666245	1.477964	0.282747	0.097126	0.590029	2.447866	1.036645	0.089088	0.726539	1.852272	0.282747	0.097126	0.590029	2.822173	18.69249	0.897677	8.907244	28.49741	0.053197	0.000346	0.000692	0.054235	0.131472	578.4980528	578498	4.65						2
0.011036	0	0.17492	2.333043	0.118632	0	2.451675	3.528381	0.237597	0	3.765978	0	0	0	3.765978	4.016794	0.270486	0	4.28728	0	0	0	4.28728	10.39891	2.538731	0	12.93764	0.140225	0.00713	0	0.147355	1.449165	1390.076937			1390077	8.41				3
0.02669	0	0.067266	0.013551	0.001369	0	0.01492	0.00058	0.000381	0	0.000961	0	0	0	0.000961	0.041411	0.027239	0	0.06865	0	0	0	0.06865	0.197604	0.030318	0	0.227921	0	0	0	0	0.077291	8.459287105					8459	7.82		
0.003606	0.017082	0.045132	0.038568	9.35E-05	0.011393	0.050055	0.123806	0.014102	0.100026	0.237935	0.04551	0.014783	0.050698	0.348926	0.177123	0.020521	0.10933	0.306975	0.04551	0.014783	0.050698	0.417965	3.042298	0.109017	1.756081	4.907396	0.016946	7.34E-05	0.00013	0.01715	0.042184	182.9293662	182929	4.66						2
0.001261	0	0.02587	0.179903	0.005659	0	0.185562	0.529838	0.027139	0	0.556977	0	0	0	0.556977	0.603181	0.030895	0	0.634076	0	0	0	0.634076	1.444461	0.185365	0	1.629827	0.010813	0.00034	0	0.011153	0.096666	105.2117667			105212	7.03				3
0.002161	0	0.019169	0.005831	0.00011	0	0.005941	0.000243	3.09E-05	0	0.000274	0	0	0	0.000274	0.017358	0.002205	0	0.019564	0	0	0	0.019564	0.084235	0.002247	0	0.086482	0	0	0	0	0.032147	3.36843105					3368	8.17		
0.01378	0.003032	0.044336	0.018233	0.00045	0.001226	0.019909	0.177786	0.063535	0.020797	0.262117	0.024944	0.008957	0.019991	0.316009	0.233427	0.091668	0.022682	0.347777	0.024944	0.008957	0.019991	0.401669	4.192359	0.489393	0.329019	5.010771	0.002679	0.000162	1.64E-05	0.002858	0.012676	30.48184982	30482	8.94						2
0.000214	0	0.00298	0.098951	0.007942	0	0.106893	0.059564	0.004602	0	0.064166	0	0	0	0.064166	0.067809	0.005239	0	0.073048	0	0	0	0.073048	0.156768	0.066952	0	0.22372	0.005947	0.000477	0	0.006425	0.042303	60.60710723			60607	7.77				3
0.049067	0	0.454734	0.028505	0.002548	0	0.031053	0.005796	0.000701	0	0.006497	0	0	0	0.006497	0.414013	0.050076	0	0.464089	0	0	0	0.464089	1.454464	0.055176	0	1.50964	0	0	0	0	0.087487	17.60659969					17607	4.25		
0	0.00131	0.002436	0.004163	0	0.00109	0.005253	0.003833	0	0.005508	0.009341	0.00243	0.000725	0.001321	0.013818	0.005593	0	0.006031	0.011624	0.00243	0.000725	0.001321	0.0161	0.126843	0	0.101578	0.22842	0.003989	0	1.04E-05	0.004	0.011988	42.66411671	42664	5.66						2
0	0	0.002289	0.102113	0	0	0.102113	0.049282	0	0	0.049282	0	0	0	0.049282	0.056104	0	0	0.056104	0	0	0	0.056104	0.19844	0	0	0.19844	0.006141	0	0	0.006141	0.049347	57.89692398			57897	6.92				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.867791	0.389638	0	0	0.389638	0.319802	0	0	0.319802	0	0	0	0.319802	3.244446	0	0	3.244446	0	0	0	3.244446	21.40051	0	0	21.40051	0	0	0	0	0.862111	220.9209614					220921	3.65		
0	5.25E-07	0.013277	0.006328	0	0.000193	0.00652	0.107326	0	2.78E-06	0.107329	0.007648	0.003556	0.017372	0.135905	0.132008	0	3.05E-06	0.132011	0.007648	0.003556	0.017372	0.160587	3.528576	0	0.032432	3.561008	0.000552	0	1.24E-05	0.000564	0.000742	6.018337494	6018	3.23						2
0.089151	0	0.40125	11.28536	0.702294	0	11.98766	6.719401	1.919402	0	8.638803	0	0	0	8.638803	7.649526	2.185094	0	9.83462	0	0	0	9.83462	25.12771	20.9879	0	46.11561	0.678295	0.042211	0	0.720506	7.060009	6796.889743			6796890	5.76				3
0.392042	0	2.898857	0.26112	0.022589	0	0.283709	0.083947	0.007383	0	0.09133	0	0	0	0.09133	2.613223	0.402138	0	3.015361	0	0	0	3.015361	12.21324	0.837264	0	13.0505	0	0	0	0	0.730866	160.8605583					160861	5.05		
0	7.163479	10.15312	4.319408	0	2.717924	7.037332	13.05542	0	35.88759	48.94302	27.46539	8.566611	20.63653	105.6115	18.83547	0	39.28939	58.12487	27.46539	8.566611	20.63653	114.7934	696.3981	0	334.0523	1030.45	1.759514	0	0.055758	1.815272	17.08415	19362.51546	19362515	26.79						2
0	0	0.005054	0.085476	0	0	0.085476	0.108808	0	0	0.108808	0	0	0	0.108808	0.123871	0	0	0.123871	0	0	0	0.123871	1.038395	0	0	1.038395	0.005141	0	0	0.005141	0.006611	48.4641039			48464	39.92				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.03247	0.037168	0.005906	0	0.016386	0.022292	0.014619	0	0.12989	0.144509	0.104211	0.029811	0.027841	0.306372	0.021332	0	0.142213	0.163545	0.104211	0.029811	0.027841	0.325408	2.215335	0	0.996331	3.211666	0.013562	0	0.000529	0.01409	0.1598	150.2932104								
0	1.152297	1.926818	0.922555	0	0.337197	1.259751	3.756215	0	6.405102	10.16132	6.334963	1.834288	5.28397	23.61454	5.354413	0	7.011896	12.36631	6.334963	1.834288	5.28397	25.81953	149.2804	0	63.00162	212.282	0.196297	0	0.007125	0.203423	1.9488	2169.800566	2169801	22.70						2
0	0	0.00054	0.00364	0	0	0.00364	0.011623	0	0	0.011623	0	0	0	0.011623	0.013232	0	0	0.013232	0	0	0	0.013232	0.071324	0	0	0.071324	0.000219	0	0	0.000219	0.000156	2.064054222			2064	22.11				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	3.81E-06	4.37E-06	7.08E-07	0	1.92E-06	2.63E-06	1.74E-06	0	1.52E-05	1.69E-05	1.09E-05	2.92E-06	3.02E-06	3.38E-05	2.53E-06	0	1.66E-05	1.92E-05	1.09E-05	2.92E-06	3.02E-06	3.61E-05	0.000263	0	0.000117	0.000379	1.61E-06	0	7E-08	1.68E-06	2.37E-05	0.017922442								
0	3.615207	5.252703	2.741334	0	1.435951	4.177285	7.459598	0	18.61194	26.07154	11.50583	3.487298	8.728412	49.79308	10.68597	0	20.37646	31.06243	11.50583	3.487298	8.728412	54.78397	366.9226	0	168.3291	535.2517	0.885003	0	0.02894	0.913944	7.050929	9748.538403	9748538	20.79						2
0	0	0.001046	0.046682	0	0	0.046682	0.022524	0	0	0.022524	0	0	0	0.022524	0.025642	0	0	0.025642	0	0	0	0.025642	0.156604	0	0	0.156604	0.002808	0	0	0.002808	0.002684	26.46803542			26468	29.68				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000393	0.000452	7.42E-05	0	0.000199	0.000273	0.000182	0	0.001568	0.00175	0.001053	0.000291	0.000298	0.003392	0.000266	0	0.001717	0.001983	0.001053	0.000291	0.000298	0.003624	0.027601	0	0.012032	0.039634	0.000169	0	7.87E-06	0.000177	0.002376	1.885687187								
0.075335	0.383131	0.78055	0.395524	0.001863	0.485435	0.882822	1.714089	0.287142	1.997589	3.99882	2.003908	0.603545	2.915581	9.521854	2.423272	0.418366	2.185979	5.027617	2.003908	0.603545	2.915581	10.55065	41.25799	2.269998	27.76879	71.29678	0.181081	0.000746	0.002309	0.184136	0.96332	1964.078177	1964078	9.95						2
0.002237	0	0.176161	1.503358	0.009698	0	1.513056	3.744487	0.048153	0	3.79264	0	0	0	3.79264	4.262849	0.054819	0	4.317668	0	0	0	4.317668	11.62473	0.399117	0	12.02384	0.090416	0.000583	0	0.090999	1.859183	857.8886022			857889	16.87				3
0.010901	0.052185	0.097756	0.052239	0.000269	0.069053	0.121562	0.172496	0.041121	0.265838	0.479455	0.257931	0.074071	0.361628	1.173085	0.250662	0.059995	0.291044	0.601701	0.257931	0.074071	0.361628	1.295331	4.434203	0.323544	3.945865	8.703612	0.028088	0.000123	0.000339	0.02855	0.133776	304.5240158	304524	8.87						2
0.000737	0	0.051388	0.63129	0.005104	0	0.636395	1.090479	0.015872	0	1.106351	0	0	0	1.106351	1.241437	0.018069	0	1.259507	0	0	0	1.259507	3.125554	0.131557	0	3.257112	0.037968	0.000307	0	0.038274	0.757534	360.8297161			360830	13.79				3
0	0.338117	1.316881	0.203133	0	0.016431	0.219564	6.880133	0	2.593689	9.473821	3.559996	5.486396	5.683291	24.2035	8.049924	0	2.817654	10.86758	3.559996	5.486396	5.683291	25.59726	75.86466	0	12.76201	88.62667	0.008744	0	0.000873	0.009617	0.03751	102.5787795	102579	39.55						2
0	3.589188	5.24947	2.598711	0	1.238157	3.836868	8.144222	0	19.64832	27.79255	9.473401	2.969635	7.277368	47.51295	11.37215	0	21.50915	32.8813	9.473401	2.969635	7.277368	52.60171	331.92	0	139.3939	471.3139	0.78606	0	0.026717	0.812777	5.226903	8669.451553	8669452	17.26						2
0	0	0.002031	0.170002	0	0	0.170002	0.043727	0	0	0.043727	0	0	0	0.043727	0.049781	0	0	0.049781	0	0	0	0.049781	0.615059	0	0	0.615059	0.010224	0	0	0.010224	0.007524	96.38954623			96390	22.84				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.001917	0.002196	0.000354	0	0.000969	0.001323	0.000867	0	0.007648	0.008515	0.005213	0.001422	0.00148	0.01663	0.001265	0	0.008374	0.009639	0.005213	0.001422	0.00148	0.017754	0.132612	0	0.05869	0.191303	0.00081	0	4.66E-05	0.000857	0.011986	9.141283059								
0	0.00061	0.036879	0.042638	0	0.000461	0.0431	0.194112	0	0.003104	0.197216	0.73645	0.235016	0.004745	1.173428	0.26557	0	0.003391	0.268961	0.73645	0.235016	0.004745	1.245172	5.87586	0	0.054036	5.929896	0.020165	0	4.44E-06	0.020169	0.047939	215.132213	215132	4.60						2
0	0	0.00205	0.063157	0	0	0.063157	0.044126	0	0	0.044126	0	0	0	0.044126	0.050234	0	0	0.050234	0	0	0	0.050234	0.16699	0	0	0.16699	0.003798	0	0	0.003798	0.041869	35.80966365			35810	9.71				3
0.014318	0.08238	0.212101	0.138524	0.000371	0.037801	0.176696	0.646534	0.060671	0.54146	1.248665	0.264196	0.086271	0.54676	2.145892	0.902377	0.087707	0.591102	1.581186	0.264196	0.086271	0.54676	2.478413	15.93552	0.882948	8.530016	25.34848	0.052028	0.000338	0.000654	0.05302	0.129705	565.5305318	565531	4.68						2
0.009905	0	0.151876	2.272176	0.118131	0	2.390307	3.056607	0.213246	0	3.269853	0	0	0	3.269853	3.479714	0.242764	0	3.722479	0	0	0	3.722479	9.098636	2.470842	0	11.56948	0.136567	0.0071	0	0.143667	1.550326	1355.281421			1355281	8.42				3
0.03363	0	0.091098	0.018112	0.001841	0	0.019954	0.000821	0.000481	0	0.001302	0	0	0	0.001302	0.05865	0.034322	0	0.092972	0	0	0	0.092972	0.258852	0.046264	0	0.305116	0	0	0	0	0.101499	11.31364187					11314	7.68		
0.003434	0.015228	0.039057	0.032361	9E-05	0.010846	0.043298	0.103352	0.013344	0.086728	0.203424	0.043722	0.01381	0.04864	0.309596	0.14816	0.019429	0.094833	0.262422	0.043722	0.01381	0.04864	0.368594	2.517052	0.103194	1.59297	4.213216	0.015638	6.92E-05	0.000121	0.015828	0.039136	168.8309119	168831	4.69						2
0.001121	0	0.023398	0.176134	0.005638	0	0.181771	0.47962	0.024143	0	0.503763	0	0	0	0.503763	0.546011	0.027485	0	0.573495	0	0	0	0.573495	1.285197	0.18513	0	1.470327	0.010586	0.000339	0	0.010925	0.102573	103.0626083			103063	6.98				3
0.002456	0	0.021932	0.006489	0.000127	0	0.006617	0.000278	3.51E-05	0	0.000313	0	0	0	0.000313	0.019877	0.002506	0	0.022383	0	0	0	0.022383	0.094392	0.00276	0	0.097152	0	0	0	0	0.035663	3.751664819					3752	8.14		
0.017776	0.003715	0.059748	0.023256	0.000587	0.001601	0.025444	0.252541	0.081963	0.025424	0.359928	0.031805	0.012206	0.025255	0.429193	0.32844	0.11797	0.027724	0.474133	0.031805	0.012206	0.025255	0.543399	5.780917	0.629732	0.392313	6.802962	0.003491	0.000208	2.06E-05	0.003719	0.016332	39.67354815	39674	9.00						2
0.0002	0	0.002521	0.092801	0.007904	0	0.100704	0.049977	0.0043	0	0.054277	0	0	0	0.054277	0.056894	0.004895	0	0.06179	0	0	0	0.06179	0.133562	0.074893	0	0.208455	0.005578	0.000475	0	0.006053	0.047751	57.09833533			57098	7.79				3
0.05941	0	0.513624	0.032827	0.00317	0	0.035997	0.00649	0.000849	0	0.007339	0	0	0	0.007339	0.463559	0.060632	0	0.524191	0	0	0	0.524191	1.60292	0.072873	0	1.675793	0	0	0	0	0.103655	20.40979801					20410	4.35		
0	0.001291	0.002433	0.004202	0	0.001051	0.005252	0.003873	0	0.005444	0.009317	0.002344	0.000713	0.001323	0.013697	0.005651	0	0.005961	0.011612	0.002344	0.000713	0.001323	0.015992	0.123238	0	0.099606	0.222844	0.004043	0	1.02E-05	0.004053	0.011731	43.2348233	43235	5.47						2
0	0	0.002147	0.099688	0	0	0.099688	0.046224	0	0	0.046224	0	0	0	0.046224	0.052622	0	0	0.052622	0	0	0	0.052622	0.158671	0	0	0.158671	0.005996	0	0	0.005996	0.058964	56.52224097			56522	7.16				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.665761	0.400098	0	0	0.400098	0.271439	0	0	0.271439	0	0	0	0.271439	2.986422	0	0	2.986422	0	0	0	2.986422	22.68464	0	0	22.68464	0	0	0	0	0.884776	226.8518056					226852	3.65		
0	0	0.011396	0.006126	0	0.000265	0.006391	0.088683	0	0	0.088683	0.007288	0.003026	0.01664	0.115637	0.112048	0	0	0.112048	0.007288	0.003026	0.01664	0.139002	3.08077	0	0.030893	3.111662	0.000485	0	1.03E-05	0.000495	0.000656	5.280452684	5280	3.24						2
0.087548	0	0.338984	11.318	0.699895	0	12.0179	5.413354	1.884878	0	7.298232	0	0	0	7.298232	6.162692	2.14579	0	8.308482	0	0	0	8.308482	20.45875	21.81188	0	42.27063	0.680257	0.042066	0	0.722323	7.546804	6814.036134			6814036	5.76				3
0.401489	0	2.887645	0.278066	0.024227	0	0.302293	0.079581	0.007402	0	0.086982	0	0	0	0.086982	2.587502	0.411646	0	2.999148	0	0	0	2.999148	12.48259	0.902997	0	13.38559	0	0	0	0	0.794464	171.3974767					171397	5.15		
0	6.639391	9.189658	3.875293	0	2.618644	6.493936	10.74521	0	32.66509	43.4103	26.08354	7.940805	19.30235	96.73699	15.66226	0	35.76367	51.42593	26.08354	7.940805	19.30235	104.7526	626.6044	0	306.1798	932.7842	1.722902	0	0.05413	1.777032	17.35628	18954.62434	18954624	27.09						2
0	0	0.004385	0.085797	0	0	0.085797	0.094408	0	0	0.094408	0	0	0	0.094408	0.107477	0	0	0.107477	0	0	0	0.107477	0.958072	0	0	0.958072	0.00516	0	0	0.00516	0.006732	48.64625276			48646	40.50				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.037976	0.04333	0.006723	0	0.019117	0.02584	0.016704	0	0.152336	0.16904	0.118196	0.035498	0.032302	0.355037	0.024374	0	0.166789	0.191163	0.118196	0.035498	0.032302	0.37716	2.533859	0	1.168572	3.702431	0.015518	0	0.000618	0.016136	0.191784	172.113068								
0	1.222216	2.000183	0.957863	0	0.352349	1.310212	3.65109	0	6.823383	10.47447	7.098362	1.964428	5.867841	25.4051	5.302522	0	7.470485	12.77301	7.098362	1.964428	5.867841	27.70364	151.2402	0	66.39556	217.6357	0.195381	0	0.007293	0.202675	2.009073	2161.819334	2161819	22.69						2
0	0	0.000281	0.001287	0	0	0.001287	0.006044	0	0	0.006044	0	0	0	0.006044	0.006881	0	0	0.006881	0	0	0	0.006881	0.0348	0	0	0.0348	7.74E-05	0	0	7.74E-05	5.92E-05	0.7299876			730	23.73				3

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	2.51E-06	2.87E-06	4.49E-07	0	1.26E-06	1.71E-06	1.11E-06	0	1.01E-05	1.12E-05	7.18E-06	1.93E-06	1.99E-06	2.23E-05	1.62E-06	0	1.1E-05	1.26E-05	7.18E-06	1.93E-06	1.99E-06	2.37E-05	0.000167	0	7.75E-05	0.000244	1.03E-06	0	4.62E-08	1.07E-06	1.51E-05	0.011437039								
0	3.360384	4.697882	2.374117	0	1.392786	3.766903	5.787516	0	16.73886	22.52638	10.58233	3.155898	7.811752	44.07636	8.38707	0	18.32643	26.7135	10.58233	3.155898	7.811752	48.26348	323.9259	0	152.6183	476.5442	0.916763	0	0.029275	0.946037	7.698694	10090.86286	10090863	21.31						2
0	0	0.000797	0.041457	0	0	0.041457	0.017163	0	0	0.017163	0	0	0	0.017163	0.019539	0	0	0.019539	0	0	0	0.019539	0.135826	0	0	0.135826	0.002493	0	0	0.002493	0.002378	23.505923			23506	29.60				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.001374	0.001578	0.000257	0	0.000695	0.000952	0.000634	0	0.005482	0.006116	0.003435	0.000989	0.000979	0.011518	0.000925	0	0.006002	0.006927	0.003435	0.000989	0.000979	0.012329	0.095828	0	0.042061	0.137889	0.000586	0	2.67E-05	0.000613	0.008524	6.540181678								
0.078044	0.389606	0.775807	0.390347	0.001928	0.501473	0.893748	1.609368	0.297446	2.018997	3.92581	2.148839	0.615483	3.07396	9.764093	2.306336	0.433671	2.209882	4.949889	2.148839	0.615483	3.07396	10.78817	39.45307	2.366897	28.54022	70.36019	0.182816	0.000776	0.002395	0.185987	0.970833	1983.819876	1983820	9.92						2
0.002235	0	0.167622	1.486471	0.009621	0	1.496092	3.56068	0.048119	0	3.608799	0	0	0	3.608799	4.053597	0.05478	0	4.108378	0	0	0	4.108378	11.05458	0.398836	0	11.45342	0.0894	0.000579	0	0.089979	1.962251	848.2698853			848270	16.89				3
0.011229	0.052097	0.094175	0.048804	0.00028	0.071434	0.120518	0.150965	0.042024	0.262811	0.4558	0.263053	0.07269	0.363579	1.155122	0.220258	0.061321	0.287745	0.569324	0.263053	0.07269	0.363579	1.268645	4.085076	0.33564	4.088658	8.509374	0.028872	0.000126	0.000349	0.029347	0.140671	313.0289649	313029	9.07						2
0.000781	0	0.050871	0.671248	0.005356	0	0.676604	1.078397	0.016815	0	1.095212	0	0	0	1.095212	1.227683	0.019143	0	1.246826	0	0	0	1.246826	3.029853	0.139373	0	3.169226	0.040371	0.000322	0	0.040693	0.874907	383.6281324			383628	13.85				3
0	0.32603	1.258914	0.196453	0	0.015699	0.212151	6.497659	0	2.490966	8.988625	3.485586	5.452578	5.661227	23.58802	7.632684	0	2.70635	10.33903	3.485586	5.452578	5.661227	24.93843	72.03001	0	12.59751	84.62752	0.00859	0	0.000847	0.009437	0.037326	100.6574844	100657	39.77						2
0	3.290039	4.749805	2.306935	0	1.158509	3.465443	7.090411	0	17.82337	24.91378	9.355532	2.810224	7.104377	44.18391	9.929283	0	19.51164	29.44092	9.355532	2.810224	7.104377	48.71105	300.641	0	127.9826	428.6235	0.763095	0	0.025682	0.788777	5.264663	8413.456473	8413456	17.59						2
0	0	0.002556	0.200589	0	0	0.200589	0.055025	0	0	0.055025	0	0	0	0.055025	0.062642	0	0	0.062642	0	0	0	0.062642	0.789307	0	0	0.789307	0.012064	0	0	0.012064	0.008889	113.7318862			113732	22.87				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002259	0.002578	0.000406	0	0.001139	0.001544	0.000994	0	0.009036	0.010029	0.00603	0.00166	0.001713	0.019433	0.00145	0	0.009893	0.011343	0.00603	0.00166	0.001713	0.020747	0.152594	0	0.069344	0.221938	0.000933	0	5.47E-05	0.000987	0.013824	10.53196678								
0	0.000546	0.031061	0.038411	0	0.000466	0.038877	0.157628	0	0.002624	0.160252	0.696695	0.21217	0.004416	1.073533	0.219121	0	0.002868	0.22199	0.696695	0.21217	0.004416	1.135271	4.741795	0	0.050542	4.792336	0.019571	0	4.18E-06	0.019575	0.046756	208.7950602	208795	4.60						2
0	0	0.001996	0.061409	0	0	0.061409	0.042969	0	0	0.042969	0	0	0	0.042969	0.048917	0	0	0.048917	0	0	0	0.048917	0.1617	0	0	0.1617	0.003693	0	0	0.003693	0.042768	34.8180614			34818	9.72				3
0.015548	0.07747	0.199245	0.130905	0.000411	0.040552	0.171868	0.584041	0.064694	0.480216	1.12895	0.267254	0.082983	0.547806	2.026993	0.824311	0.093814	0.52482	1.442945	0.267254	0.082983	0.547806	2.340987	14.30457	0.943306	8.731023	23.9789	0.055328	0.000359	0.00067	0.056357	0.139064	601.1336423	601134	4.71						2
0.008751	0	0.130383	2.275243	0.117695	0	2.392938	2.618692	0.188409	0	2.807101	0	0	0	2.807101	2.981181	0.214489	0	3.19567	0	0	0	3.19567	7.860957	2.398764	0	10.25972	0.136751	0.007074	0	0.143825	1.716419	1356.773206			1356773	8.43				3
0.03662	0	0.09643	0.018771	0.002072	0	0.020843	0.000855	0.000523	0	0.001378	0	0	0	0.001378	0.06104	0.037373	0	0.098414	0	0	0	0.098414	0.266325	0.054573	0	0.320898	0	0	0	0	0.105054	11.81779456					11818	7.61		
0.003358	0.013922	0.03495	0.028517	8.89E-05	0.010558	0.039164	0.088674	0.012967	0.076602	0.178243	0.044058	0.013039	0.048748	0.284088	0.127889	0.018896	0.083813	0.230598	0.044058	0.013039	0.048748	0.336443	2.148418	0.100342	1.507435	3.756195	0.014966	6.7E-05	0.000115	0.015148	0.037696	161.5746847	161575	4.72						2
0.00087	0	0.020478	0.176317	0.00483	0	0.181147	0.42215	0.01873	0	0.44088	0	0	0	0.44088	0.480585	0.021323	0	0.501908	0	0	0	0.501908	1.123395	0.157682	0	1.281077	0.010597	0.00029	0	0.010888	0.110452	102.7086892			102709	6.99				3
0.00267	0	0.024667	0.007271	0.00014	0	0.00741	0.000314	3.81E-05	0	0.000352	0	0	0	0.000352	0.02245	0.002725	0	0.025174	0	0	0	0.025174	0.105005	0.0031	0	0.108105	0	0	0	0	0.040253	4.201496629					4201	8.20		
0.017616	0.003013	0.052987	0.022109	0.000585	0.001598	0.024293	0.201524	0.080217	0.019448	0.301189	0.029668	0.010333	0.023521	0.364711	0.273243	0.11615	0.021245	0.410638	0.029668	0.010333	0.023521	0.47416	4.575004	0.619487	0.387197	5.581688	0.003401	0.000203	1.97E-05	0.003623	0.016352	38.64921608	38649	9.09						2
0.000203	0	0.002495	0.092275	0.0078	0	0.100075	0.049359	0.004366	0	0.053725	0	0	0	0.053725	0.056191	0.00497	0	0.061161	0	0	0	0.061161	0.132475	0.07722	0	0.209695	0.005546	0.000469	0	0.006015	0.050467	56.74154594			56742	7.80				3
0.060183	0	0.520515	0.034016	0.003335	0	0.037351	0.006577	0.00086	0	0.007437	0	0	0	0.007437	0.469802	0.061421	0	0.531224	0	0	0	0.531224	1.604652	0.082079	0	1.686731	0	0	0	0	0.108262	21.17760899					21178	4.38		
0	0.001208	0.002119	0.003655	0	0.001032	0.004687	0.003048	0	0.005052	0.008099	0.002353	0.000727	0.001359	0.012538	0.004447	0	0.005531	0.009978	0.002353	0.000727	0.001359	0.014417	0.123189	0	0.095342	0.218531	0.00345	0	9.27E-06	0.003459	0.011595	36.89702447	36897	6.34						2
0	0	0.001873	0.091	0	0	0.091	0.040329	0	0	0.040329	0	0	0	0.040329	0.045912	0	0	0.045912	0	0	0	0.045912	0.10867	0	0	0.10867	0.005473	0	0	0.005473	0.063335	51.59629336			51596	7.41				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.568758	0.416541	0	0	0.416541	0.22385	0	0	0.22385	0	0	0	0.22385	2.83482	0	0	2.83482	0	0	0	2.83482	25.35731	0	0	25.35731	0	0	0	0	0.900854	236.1748671					236175	3.57		
0	2.3E-07	0.005939	0.004019	0	0.000164	0.004183	0.041227	0	1.22E-06	0.041228	0.0046	0.001594	0.010737	0.058159	0.055954	0	1.33E-06	0.055955	0.0046	0.001594	0.010737	0.072886	1.64704	0	0.027085	1.674125	0.000335	0	5.53E-06	0.000341	0.000517	3.634334952	3634	3.38						2
0.08853	0	0.234467	11.44237	0.736368	0	12.17874	3.14198	1.90602	0	5.048	0	0	0	5.048	3.576905	2.169858	0	5.746763	0	0	0	5.746763	12.45195	24.23363	0	36.68558	0.687732	0.044259	0	0.73199	8.283219	6905.23005			6905230	5.77				3
0.447428	0	2.981224	0.30874	0.028306	0	0.337046	0.076701	0.007923	0	0.084624	0	0	0	0.084624	2.632065	0.458376	0	3.090441	0	0	0	3.090441	13.23799	1.02553	0	14.26352	0	0	0	0	0.899285	191.1020707					191102	5.22		
0	6.061937	8.011065	3.051305	0	2.458945	5.51025	8.169334	0	29.75958	37.92891	25.17734	7.494114	18.47801	89.07837	11.91049	0	32.58265	44.49314	25.17734	7.494114	18.47801	95.64259	504.364	0	280.4262	784.7902	1.473728	0	0.051922	1.52565	15.29762	16273.27925	16273279	27.27						2
0	0	0.003484	0.070348	0	0	0.070348	0.075008	0	0	0.075008	0	0	0	0.075008	0.085391	0	0	0.085391	0	0	0	0.085391	0.778259	0	0	0.778259	0.004231	0	0	0.004231	0.005544	39.88685711			39887	40.68				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.04161	0.04675	0.006368	0	0.020645	0.027013	0.016291	0	0.169575	0.185866	0.127156	0.040252	0.035589	0.388863	0.023772	0	0.185664	0.209436	0.127156	0.040252	0.035589	0.412432	2.46964	0	1.30101	3.770649	0.015134	0	0.000684	0.015818	0.192506	168.7181286								
0	1.103284	1.706285	0.756603	0	0.32644	1.083044	2.82338	0	6.173135	8.996515	6.689104	1.812232	5.428954	22.9268	4.114325	0	6.758721	10.87305	6.689104	1.812232	5.428954	24.80334	119.994	0	59.8552	179.8492	0.165265	0	0.006876	0.172141	1.707038	1836.135889	1836136	22.80						2
0	0	0.000218	0.001001	0	0	0.001001	0.00469	0	0	0.00469	0	0	0	0.00469	0.005339	0	0	0.005339	0	0	0	0.005339	0.027023	0	0	0.027023	6.02E-05	0	0	6.02E-05	4.6E-05	0.567450746			567	23.72				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	1.44E-05	1.62E-05	2.33E-06	0	7.16E-06	9.49E-06	5.92E-06	0	5.81E-05	6.41E-05	3.15E-05	9.59E-06	9.49E-06	0.000115	8.63E-06	0	6.37E-05	7.23E-05	3.15E-05	9.59E-06	9.49E-06	0.000123	0.000895	0	0.000446	0.001342	5.48E-06	0	2.61E-07	5.74E-06	8.05E-05	0.06122483								
0	3.135139	4.181358	1.894131	0	1.310712	3.204843	4.447087	0	15.58664	20.03373	10.64578	3.054367	7.823174	41.55705	6.484948	0	17.06534	23.55029	10.64578	3.054367	7.823174	45.07361	264.5128	0	142.8781	407.3909	0.804089	0	0.028676	0.832765	7.01478	8882.649833	8882650	21.59						2
0	0	0.000675	0.037584	0	0	0.037584	0.014538	0	0	0.014538	0	0	0	0.014538	0.016551	0	0	0.016551	0	0	0	0.016551	0.122276	0	0	0.122276	0.00226	0	0	0.00226	0.002174	21.30972711			21310	29.85				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002175	0.002457	0.000349	0	0.001084	0.001433	0.000888	0	0.00882	0.009708	0.005171	0.001535	0.001513	0.017927	0.001296	0	0.009657	0.010953	0.005171	0.001535	0.001513	0.019172	0.134402	0	0.067674	0.202076	0.000823	0	4.27E-05	0.000865	0.012014	9.228521036								
0.074787	0.360375	0.674378	0.307537	0.00184	0.475415	0.784792	1.231971	0.28707	1.866508	3.385549	2.082667	0.571835	2.951121	8.991172	1.788509	0.418803	2.043437	4.250749	2.082667	0.571835	2.951121	9.856373	30.72996	2.31402	27.65294	60.69692	0.15611	0.000754	0.002349	0.159213	0.843567	1698.236607	1698237	10.06						2
0.002214	0	0.141254	1.286124	0.00948	0	1.295604	2.99346	0.047665	0	3.041124	0	0	0	3.041124	3.407855	0.054263	0	3.462118	0	0	0	3.462118	9.227866	0.39507	0	9.622936	0.077351	0.00057	0	0.077921	1.784163	734.5954362			734595	16.92				3
0.010821	0.049279	0.083734	0.038668	0.000268	0.068177	0.107114	0.115449	0.040902	0.250614	0.406964	0.258336	0.069657	0.352828	1.087786	0.168436	0.059684	0.27439	0.50251	0.258336	0.069657	0.352828	1.183331	3.24264	0.331238	3.997442	7.57132	0.02471	0.000124	0.000342	0.025176	0.122227	268.5423212	268542	9.19						2
0.000792	0	0.043634	0.590893	0.0054	0	0.596292	0.922369	0.017054	0	0.939422	0	0	0	0.939422	1.050056	0.019414	0	1.06947	0	0	0	1.06947	2.575887	0.141349	0	2.717236	0.035538	0.000325	0	0.035863	0.802857	338.0922423			338092	13.92				3
0	0.315347	1.104291	0.167776	0	0.015047	0.182823	5.482313	0	2.415532	7.897844	3.466644	5.420471	5.651288	22.43625	6.461139	0	2.624613	9.085752	3.466644	5.420471	5.651288	23.62415	61.03924	0	12.48775	73.52699	0.007414	0	0.000827	0.008242	0.032454	87.90999585	87910	39.37						2
0	3.027929	4.172946	1.832087	0	1.081122	2.913209	5.551319	0	16.43893	21.99025	9.382669	2.71337	7.061364	41.14765	7.803004	0	17.99638	25.79938	9.382669	2.71337	7.061364	44.95678	245.5033	0	119.2252	364.7285	0.66133	0	0.024985	0.686315	4.704104	7320.55055	7320551	17.75						2
0	0	0.002199	0.173974	0	0	0.173974	0.047341	0	0	0.047341	0	0	0	0.047341	0.053894	0	0	0.053894	0	0	0	0.053894	0.698132	0	0	0.698132	0.010463	0	0	0.010463	0.007747	98.64186278			98642	22.98				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00251	0.002817	0.000383	0	0.001245	0.001629	0.000972	0	0.010219	0.011191	0.006693	0.001894	0.001938	0.021715	0.001418	0	0.011188	0.012607	0.006693	0.001894	0.001938	0.023131	0.14892	0	0.078432	0.227352	0.000911	0	6.16E-05	0.000973	0.013499	10.37397163								
0	0.000479	0.022516	0.030028	0	0.000453	0.030481	0.108589	0	0.002185	0.110774	0.638609	0.185501	0.00399	0.938874	0.15461	0	0.002391	0.157	0.638609	0.185501	0.00399	0.985101	3.219767	0	0.046006	3.265772	0.016233	0	3.82E-06	0.016237	0.038991	173.1873753	173187	4.61						2
0	0	0.001716	0.053318	0	0	0.053318	0.036954	0	0	0.036954	0	0	0	0.036954	0.042069	0	0	0.042069	0	0	0	0.042069	0.138577	0	0	0.138577	0.003207	0	0	0.003207	0.038573	30.23098669			30231	9.71				3
0.014857	0.062846	0.150812	0.098579	0.000398	0.038112	0.13709	0.380389	0.060987	0.363523	0.804898	0.23008	0.061369	0.462866	1.559212	0.555062	0.088992	0.398012	1.042065	0.23008	0.061369	0.462866	1.79638	9.003318	0.892998	8.042057	17.93837	0.04709	0.000337	0.000595	0.048022	0.119722	512.2291164	512229	4.74						2
0.005549	0	0.069645	2.262769	0.11375	0	2.376519	1.379957	0.119475	0	1.499433	0	0	0	1.499433	1.570976	0.136014	0	1.70699	0	0	0	1.70699	4.399495	2.169364	0	6.568859	0.136001	0.006837	0	0.142838	2.138073	1347.463979			1347464	8.60				3
0.043414	0	0.114854	0.022217	0.00257	0	0.024787	0.001021	0.00062	0	0.001641	0	0	0	0.001641	0.07291	0.044307	0	0.117217	0	0	0	0.117217	0.309966	0.071971	0	0.381937	0	0	0	0	0.1242	14.05417046					14054	7.56		
0.003193	0.012618	0.029401	0.022297	8.44E-05	0.009946	0.032327	0.067788	0.012444	0.068527	0.148759	0.043512	0.012107	0.047869	0.252246	0.098585	0.018154	0.075018	0.191757	0.043512	0.012107	0.047869	0.295244	1.624186	0.096381	1.428192	3.148759	0.012394	6.42E-05	0.000109	0.012567	0.031358	134.042251	134042	4.73						2
0.000543	0	0.007574	0.17145	0.004633	0	0.176082	0.151364	0.011696	0	0.163059	0	0	0	0.163059	0.172316	0.013315	0	0.185631	0	0	0	0.185631	0.450501	0.13822	0	0.588721	0.010305	0.000278	0	0.010583	0.140188	99.83708678			99837	7.15				3
0.003335	0	0.029869	0.008705	0.000181	0	0.008886	0.000379	4.77E-05	0	0.000427	0	0	0	0.000427	0.02708	0.003404	0	0.030484	0	0	0	0.030484	0.124592	0.004282	0	0.128874	0	0	0	0	0.048066	5.03814258					5038	8.17		
0.01615	0.002088	0.024771	0.011246	0.000555	0.001591	0.013391	0.032396	0.071687	0.012278	0.11636	0.015304	0.004219	0.010789	0.146672	0.047272	0.104605	0.013443	0.16532	0.015304	0.004219	0.010789	0.195631	0.753247	0.555332	0.316985	1.625564	0.002594	0.000178	1.65E-05	0.002789	0.01358	29.74744272	29747	9.20						2
0.000191	0	0.002376	0.091405	0.007746	0	0.099151	0.047045	0.004115	0	0.051159	0	0	0	0.051159	0.053557	0.004684	0	0.058241	0	0	0	0.058241	0.127401	0.078178	0	0.205579	0.005494	0.000466	0	0.005959	0.052632	56.21787137			56218	7.82				3
0.061469	0	0.529319	0.034937	0.003439	0	0.038376	0.006685	0.000878	0	0.007563	0	0	0	0.007563	0.477475	0.062734	0	0.540209	0	0	0	0.540209	1.620934	0.086147	0	1.707082	0	0	0	0	0.111757	21.75893336					21759	4.40		
0	0.001145	0.001969	0.003372	0	0.001003	0.004374	0.002592	0	0.004707	0.007298	0.002004	0.000632	0.00121	0.011145	0.003782	0	0.005153	0.008935	0.002004	0.000632	0.00121	0.012781	0.113981	0	0.096161	0.210141	0.003463	0	9.32E-06	0.003472	0.011708	37.03504721	37035	6.37						2
0	0	0.001692	0.081482	0	0	0.081482	0.036438	0	0	0.036438	0	0	0	0.036438	0.041482	0	0	0.041482	0	0	0	0.041482	0.048115	0	0	0.048115	0.004901	0	0	0.004901	0.071742	46.19946711			46199	7.83				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.33071	0.433354	0	0	0.433354	0.095155	0	0	0.095155	0	0	0	0.095155	2.449101	0	0	2.449101	0	0	0	2.449101	30.57702	0	0	30.57702	0	0	0	0	0.936091	245.7074367					245707	3.56		
0	2.77E-07	0.00469	0.003875	0	0.000127	0.004001	0.028991	0	1.46E-06	0.028992	0.00336	0.000963	0.007919	0.041234	0.042303	0	1.6E-06	0.042305	0.00336	0.000963	0.007919	0.054546	1.357566	0	0.02305	1.380616	0.000332	0	3.52E-06	0.000336	0.000552	3.581799266	3582	3.50						2
0.090602	0	0.181626	11.5569	0.760042	0	12.31694	1.959735	1.950628	0	3.910363	0	0	0	3.910363	2.23101	2.220641	0	4.451651	0	0	0	4.451651	7.978986	26.19509	0	34.17408	0.694615	0.045682	0	0.740297	8.863571	6983.590978			6983591	5.80				3
0.477007	0	3.014837	0.325688	0.030953	0	0.356641	0.073258	0.008213	0	0.08147	0	0	0	0.08147	2.632193	0.488413	0	3.120606	0	0	0	3.120606	13.64568	1.109657	0	14.75534	0	0	0	0	0.96298	202.2119457					202212	5.30		
0	5.722282	7.746064	3.291259	0	2.410839	5.702098	8.211099	0	27.25757	35.46867	24.32945	7.129157	17.73495	84.66222	11.97411	0	29.84339	41.8175	24.32945	7.129157	17.73495	91.01105	537.8994	0	258.7496	796.649	1.666641	0	0.050068	1.716709	17.94707	18311.19659	18311197	27.77						2
0	0	0.003606	0.075535	0	0	0.075535	0.077632	0	0	0.077632	0	0	0	0.077632	0.088379	0	0	0.088379	0	0	0	0.088379	0.827466	0	0	0.827466	0.004543	0	0	0.004543	0.005987	42.8275702			42828	40.91				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.047817	0.054587	0.008508	0	0.024067	0.032576	0.02111	0	0.191748	0.212858	0.139424	0.046281	0.040157	0.438721	0.030804	0	0.20994	0.240744	0.139424	0.046281	0.040157	0.466606	3.198044	0	1.471293	4.669337	0.019596	0	0.000765	0.020361	0.255726	217.1827651								
0	1.02207	1.653466	0.802151	0	0.312397	1.114548	2.906296	0	5.594353	8.500649	6.315232	1.682978	5.038099	21.53696	4.23624	0	6.125052	10.36129	6.315232	1.682978	5.038099	23.3976	125.3487	0	54.01224	179.3609	0.184519	0	0.006508	0.191027	1.924399	2037.58539	2037585	23.19						2
0	0	0.000224	0.001027	0	0	0.001027	0.004813	0	0	0.004813	0	0	0	0.004813	0.00548	0	0	0.00548	0	0	0	0.00548	0.027655	0	0	0.027655	6.18E-05	0	0	6.18E-05	4.72E-05	0.58240475			582	23.71				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	4.78E-05	5.5E-05	9.03E-06	0	2.42E-05	3.33E-05	2.23E-05	0	0.000191	0.000213	9.91E-05	3.1E-05	2.98E-05	0.000373	3.25E-05	0	0.000209	0.000241	9.91E-05	3.1E-05	2.98E-05	0.000401	0.00337	0	0.001462	0.004832	2.06E-05	0	8.34E-07	2.14E-05	0.000303	0.228633814								
0	3.027315	4.155851	2.060874	0	1.288024	3.348899	4.665008	0	14.62189	19.2869	10.66804	2.984491	7.80531	40.74474	6.804569	0	16.0091	22.81367	10.66804	2.984491	7.80531	44.27151	287.6862	0	134.7892	422.4754	0.931159	0	0.028238	0.959397	8.482091	10233.36616	10233366	22.13						2
0	0	0.000787	0.045214	0	0	0.045214	0.016943	0	0	0.016943	0	0	0	0.016943	0.019288	0	0	0.019288	0	0	0	0.019288	0.147582	0	0	0.147582	0.002719	0	0	0.002719	0.00265	25.63581054			25636	30.25				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003635	0.004172	0.000676	0	0.001837	0.002512	0.001667	0	0.014507	0.016174	0.008043	0.002449	0.002375	0.029041	0.002433	0	0.015883	0.018316	0.008043	0.002449	0.002375	0.031183	0.252423	0	0.111309	0.363733	0.001544	0	6.86E-05	0.001613	0.022616	17.20192409								
0.073887	0.346118	0.673615	0.330163	0.001865	0.47897	0.810998	1.289389	0.27708	1.749133	3.315602	2.065056	0.547245	2.899846	8.827749	1.881474	0.404314	1.915081	4.200868	2.065056	0.547245	2.899846	9.713015	32.94364	2.272522	27.1438	62.35996	0.176479	0.000737	0.002313	0.179529	0.971818	1914.941292	1914941	10.27						2
0.002197	0	0.156156	1.478756	0.009346	0	1.488102	3.314659	0.047291	0	3.36195	0	0	0	3.36195	3.773518	0.053838	0	3.827356	0	0	0	3.827356	10.1261	0.391974	0	10.51807	0.088936	0.000562	0	0.089498	2.165241	843.7398561			843740	17.01				3
0.010688	0.047745	0.082588	0.041642	0.00027	0.068615	0.110528	0.116028	0.039538	0.237507	0.393073	0.257713	0.067417	0.347393	1.065596	0.169308	0.057693	0.26004	0.487041	0.257713	0.067417	0.347393	1.159565	3.39856	0.325746	3.893876	7.618182	0.027785	0.000121	0.000334	0.02824	0.139468	301.2243596	301224	9.34						2
0.000804	0	0.049193	0.689771	0.005441	0	0.695212	1.041796	0.017305	0	1.059102	0	0	0	1.059102	1.186016	0.019701	0	1.205717	0	0	0	1.205717	2.88504	0.143434	0	3.028474	0.041485	0.000327	0	0.041812	0.978607	394.1788345			394179	14.05				3
0	0.30927	1.199415	0.190831	0	0.01461	0.205441	6.107428	0	2.348269	8.455697	3.473928	5.4099	5.6685	23.00803	7.221967	0	2.551736	9.773703	3.473928	5.4099	5.6685	24.32603	68.20815	0	12.39758	80.60573	0.008513	0	0.00081	0.009323	0.037599	99.44493514	99445	40.06						2
0	2.863382	4.063457	1.964449	0	1.045262	3.00971	5.606002	0	15.13105	20.73706	9.463621	2.634818	7.072311	39.90781	7.945483	0	16.56509	24.51057	9.463621	2.634818	7.072311	43.68132	259.9234	0	110.9609	370.8843	0.757249	0	0.02435	0.781598	5.584928	8336.882398	8336882	18.14						2
0	0	0.00246	0.19894	0	0	0.19894	0.052964	0	0	0.052964	0	0	0	0.052964	0.060296	0	0	0.060296	0	0	0	0.060296	0.807464	0	0	0.807464	0.011965	0	0	0.011965	0.008924	112.7969831			112797	23.15				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002954	0.003365	0.000521	0	0.001486	0.002007	0.001284	0	0.011844	0.013128	0.007555	0.002192	0.002218	0.025093	0.001874	0	0.012968	0.014842	0.007555	0.002192	0.002218	0.026806	0.196303	0	0.090912	0.287215	0.001201	0	7.06E-05	0.001272	0.017785	13.56407845								

0	0.000429	0.021419	0.031011	0	0.000442	0.031453	0.098322	0	0.001863	0.100184	0.58303	0.163088	0.003595	0.849897	0.143471	0	0.002039	0.14551	0.58303	0.163088	0.003595	0.895223	2.857967	0	0.042045	2.900013	0.017843	0	3.52E-06	0.017847	0.043044	190.3633103	190363	4.61						2
0	0	0.001952	0.0613	0	0	0.0613	0.042021	0	0	0.042021	0	0	0	0.042021	0.047838	0	0	0.047838	0	0	0	0.047838	0.156923	0	0	0.156923	0.003687	0	0	0.003687	0.046048	34.75674401			34757	9.71				3
0.014733	0.059748	0.144688	0.099596	0.000405	0.037661	0.137662	0.359731	0.058812	0.338031	0.756574	0.210285	0.052364	0.415439	1.434662	0.524918	0.085819	0.370101	0.980838	0.210285	0.052364	0.415439	1.658926	8.489405	0.860143	7.413048	16.7626	0.052767	0.000322	0.000564	0.053654	0.135714	572.292768	572293	4.80						2
0.004137	0	0.033409	2.294673	0.109064	0	2.403736	0.630213	0.089063	0	0.719276	0	0	0	0.719276	0.71745	0.101391	0	0.818841	0	0	0	0.818841	2.042306	2.097068	0	4.139374	0.137919	0.006555	0	0.144474	2.473814	1362.896028			1362896	8.61				3
0.049078	0	0.130156	0.024901	0.002939	0	0.027841	0.001158	0.000701	0	0.00186	0	0	0	0.00186	0.082746	0.050088	0	0.132834	0	0	0	0.132834	0.347891	0.084964	0	0.432854	0	0	0	0	0.140109	15.78542636					15785	7.60		
0.003131	0.012055	0.02925	0.023396	8.36E-05	0.009808	0.033287	0.069477	0.012	0.06422	0.145697	0.045623	0.012036	0.050086	0.253441	0.101381	0.01751	0.070313	0.189204	0.045623	0.012036	0.050086	0.296948	1.656916	0.092957	1.357308	3.107181	0.013474	6.17E-05	0.000104	0.013639	0.034318	145.4810956	145481	4.77						2
0.000463	0	0.004476	0.170898	0.004489	0	0.175387	0.086404	0.009973	0	0.096377	0	0	0	0.096377	0.098364	0.011354	0	0.109718	0	0	0	0.109718	0.271419	0.133952	0	0.405371	0.010272	0.00027	0	0.010541	0.152365	99.44299991			99443	7.17				3
0.003749	0	0.032611	0.009453	0.000205	0	0.009657	0.000412	5.36E-05	0	0.000466	0	0	0	0.000466	0.029456	0.003826	0	0.033282	0	0	0	0.033282	0.135238	0.004917	0	0.140155	0	0	0	0	0.05235	5.475697456					5476	8.18		
0.016673	0.002124	0.025971	0.012921	0.000572	0.001661	0.015154	0.03529	0.072487	0.012275	0.120052	0.015449	0.004127	0.010562	0.15019	0.051495	0.105773	0.01344	0.170707	0.015449	0.004127	0.010562	0.200845	0.818267	0.56127	0.312525	1.692062	0.003051	0.000179	1.65E-05	0.003247	0.016035	34.63112132	34631	9.33						2
0.000184	0	0.00227	0.09035	0.007722	0	0.098073	0.044918	0.003958	0	0.048876	0	0	0	0.048876	0.051135	0.004506	0	0.055642	0	0	0	0.055642	0.122732	0.080268	0	0.203	0.00543	0.000464	0	0.005895	0.054668	55.60620649			55606	7.85				3
0.063508	0	0.539326	0.035808	0.003596	0	0.039404	0.006799	0.000907	0	0.007706	0	0	0	0.007706	0.485607	0.064814	0	0.550422	0	0	0	0.550422	1.638352	0.09272	0	1.731072	0	0	0	0	0.115395	22.34170831					22342	4.42		
0	0.001182	0.002003	0.003525	0	0.001012	0.004537	0.002587	0	0.00487	0.007457	0.002106	0.000684	0.001269	0.011517	0.003775	0	0.005333	0.009108	0.002106	0.000684	0.001269	0.013167	0.116602	0	0.096415	0.213016	0.003487	0	9.39E-06	0.003496	0.011795	37.28965422	37290	6.38						2
0	0	0.001693	0.080914	0	0	0.080914	0.03644	0	0	0.03644	0	0	0	0.03644	0.041484	0	0	0.041484	0	0	0	0.041484	0.043098	0	0	0.043098	0.004866	0	0	0.004866	0.074051	45.87767413			45878	7.87				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.148014	0.439127	0	0	0.439127	0.031665	0	0	0.031665	0	0	0	0.031665	2.19327	0	0	2.19327	0	0	0	2.19327	32.7631	0	0	32.7631	0	0	0	0	0.946681	248.9806822					248981	3.56		
0	3.23E-07	0.003535	0.003061	0	7.55E-05	0.003136	0.021394	0	1.7E-06	0.021396	0.002504	0.000667	0.005894	0.030461	0.031219	0	1.86E-06	0.03122	0.002504	0.000667	0.005894	0.040285	1.029517	0	0.018729	1.048246	0.000292	0	2.79E-06	0.000295	0.000513	3.146473071	3146	3.59						2
0.093204	0	0.151963	11.64949	0.779595	0	12.42909	1.265064	2.006658	0	3.271723	0	0	0	3.271723	1.440179	2.284428	0	3.724607	0	0	0	3.724607	4.983372	27.9983	0	32.98168	0.700181	0.046857	0	0.747037	9.345326	7047.177668			7047178	5.86				3
0.499849	0	3.020758	0.337695	0.033154	0	0.370849	0.069706	0.008414	0	0.07812	0	0	0	0.07812	2.611153	0.511582	0	3.122735	0	0	0	3.122735	13.86504	1.189903	0	15.05494	0	0	0	0	1.012368	210.2676738					210268	5.36		
0	5.355302	7.169091	3.061639	0	2.330851	5.392489	7.213142	0	25.11462	32.32776	23.59415	6.789557	17.14711	79.85857	10.52091	0	27.49721	38.01813	23.59415	6.789557	17.14711	85.54894	501.7836	0	240.4453	742.2289	1.645689	0	0.048605	1.694294	18.50232	18072.10619	18072106	28.23						2
0	0	0.003234	0.070248	0	0	0.070248	0.069636	0	0	0.069636	0	0	0	0.069636	0.079276	0	0	0.079276	0	0	0	0.079276	0.761297	0	0	0.761297	0.004225	0	0	0.004225	0.0056	39.82981023			39830	41.15				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.054415	0.061963	0.009474	0	0.027328	0.036802	0.023593	0	0.21871	0.242303	0.153623	0.052734	0.046038	0.494698	0.034426	0	0.23946	0.273886	0.153623	0.052734	0.046038	0.526281	3.574836	0	1.678309	5.253145	0.021908	0	0.000861	0.022769	0.29217	242.8664785								
0	0.935316	1.500338	0.729711	0	0.295069	1.02478	2.582841	0	5.067111	7.649952	5.982967	1.562947	4.701059	19.89692	3.766066	0	5.547811	9.313878	5.982967	1.562947	4.701059	21.56085	113.4049	0	48.77289	162.1778	0.179408	0	0.006184	0.185592	1.899015	1979.60724	1979607	23.52						2
0	0	0.000198	0.000914	0	0	0.000914	0.004268	0	0	0.004268	0	0	0	0.004268	0.004858	0	0	0.004858	0	0	0	0.004858	0.024517	0	0	0.024517	5.5E-05	0	0	5.5E-05	4.2E-05	0.518051475			518	23.71				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000107	0.000122	1.9E-05	0	5.39E-05	7.29E-05	4.74E-05	0	0.00043	0.000477	0.000197	6.52E-05	5.97E-05	0.000799	6.91E-05	0	0.00047	0.000539	0.000197	6.52E-05	5.97E-05	0.000861	0.007177	0	0.003295	0.010471	4.39E-05	0	1.83E-06	4.57E-05	0.000645	0.487427848								
0	2.902264	3.954714	1.93591	0	1.253993	3.189903	4.28528	0	13.81452	18.0998	10.63079	2.915146	7.744753	39.39049	6.251388	0	15.12514	21.37653	10.63079	2.915146	7.744753	42.66722	274.5949	0	128.5201	403.1149	0.941977	0	0.028034	0.970012	9.002074	10346.58715	10346587	22.66						2
0	0	0.000811	0.04736	0	0	0.04736	0.017461	0	0	0.017461	0	0	0	0.017461	0.019879	0	0	0.019879	0	0	0	0.019879	0.155189	0	0	0.155189	0.002848	0	0	0.002848	0.00282	26.85266341			26853	30.74				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00539	0.006154	0.000957	0	0.002712	0.00367	0.002382	0	0.021619	0.024001	0.010983	0.003497	0.00329	0.04177	0.003476	0	0.02367	0.027145	0.010983	0.003497	0.00329	0.044915	0.360954	0	0.165878	0.526832	0.002208	0	1E-04	0.002308	0.032401	24.61711576								
0.071879	0.329423	0.633148	0.301747	0.001836	0.469315	0.772898	1.177357	0.267456	1.653595	3.098409	2.001124	0.514441	2.796067	8.41004	1.717997	0.390271	1.810479	3.918747	2.001124	0.514441	2.796067	9.230379	31.19222	2.246925	26.986	60.42514	0.174591	0.000723	0.002287	0.177601	0.984209	1894.373348	1894373	10.51						2
0.00219	0	0.150185	1.48997	0.009244	0	1.499214	3.18623	0.047155	0	3.233385	0	0	0	3.233385	3.62731	0.053683	0	3.680993	0	0	0	3.680993	9.620462	0.390846	0	10.01131	0.089611	0.000556	0	0.090167	2.312758	850.0403628			850040	17.12				3
0.010375	0.045578	0.077228	0.038178	0.000264	0.067061	0.105503	0.101281	0.038165	0.22528	0.364725	0.249819	0.064108	0.333673	1.012326	0.147789	0.05569	0.246653	0.450132	0.249819	0.064108	0.333673	1.097732	3.13294	0.322174	3.837846	7.292961	0.027347	0.000119	0.000328	0.027794	0.139744	296.4680715	296468	9.51						2
0.000821	0	0.048428	0.705383	0.005505	0	0.710888	1.024953	0.017665	0	1.042618	0	0	0	1.042618	1.166841	0.020111	0	1.186952	0	0	0	1.186952	2.80677	0.146419	0	2.953189	0.042424	0.000331	0	0.042755	1.047715	403.0670754			403067	14.19				3
0	0.302671	1.176862	0.189876	0	0.01416	0.204036	5.942336	0	2.290018	8.232355	3.508116	5.438131	5.729153	22.90775	7.052621	0	2.488656	9.541277	3.508116	5.438131	5.729153	24.21668	66.6252	0	12.36125	78.98645	0.00861	0	0.000796	0.009406	0.038444	100.3252551	100325	40.32						2
0	2.669231	3.710932	1.79439	0	0.997398	2.791788	4.564283	0	13.88188	18.44616	9.477918	2.521528	7.059911	37.50552	6.645535	0	15.19871	21.84425	9.477918	2.521528	7.059911	40.90361	231.442	0	103.0938	334.5358	0.755185	0	0.023808	0.778992	5.808036	8309.087012	8309087	18.52						2
0	0	0.002369	0.197317	0	0	0.197317	0.051013	0	0	0.051013	0	0	0	0.051013	0.058074	0	0	0.058074	0	0	0	0.058074	0.803697	0	0	0.803697	0.011867	0	0	0.011867	0.008935	111.876981			111877	23.37				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003707	0.00421	0.000633	0	0.001859	0.002492	0.001573	0	0.014919	0.016492	0.008942	0.002762	0.002696	0.030891	0.002295	0	0.016335	0.01863	0.008942	0.002762	0.002696	0.033029	0.240069	0	0.114511	0.35458	0.001469	0	8.7E-05	0.001556	0.02174	16.59949651								
0	0.0004	0.017998	0.027664	0	0.000433	0.028097	0.080857	0	0.00171	0.082566	0.533867	0.142121	0.003247	0.761802	0.117986	0	0.001872	0.119858	0.533867	0.142121	0.003247	0.799093	2.280407	0	0.03823	2.318637	0.01712	0	3.29E-06	0.017123	0.041454	182.6420865	182642	4.61						2
0	0	0.001929	0.061574	0	0	0.061574	0.041541	0	0	0.041541	0	0	0	0.041541	0.047291	0	0	0.047291	0	0	0	0.047291	0.154438	0	0	0.154438	0.003703	0	0	0.003703	0.048081	34.91162081			34912	9.71				3
0.014505	0.056485	0.129054	0.086727	0.000406	0.036837	0.12397	0.294489	0.057156	0.315848	0.667492	0.192849	0.047115	0.373801	1.281258	0.429717	0.083402	0.345814	0.858932	0.192849	0.047115	0.373801	1.472698	6.918487	0.835037	6.850646	14.60417	0.051702	0.00031	0.000538	0.05255	0.134684	560.5176601	560518	4.86						2
0.003863	0	0.028398	2.320126	0.109013	0	2.429139	0.52822	0.08318	0	0.6114	0	0	0	0.6114	0.601338	0.094694	0	0.696032	0	0	0	0.696032	1.750089	2.116759	0	3.866848	0.139449	0.006552	0	0.146001	2.568789	1377.299216			1377299	8.63				3
0.053221	0	0.142626	0.027045	0.003242	0	0.030287	0.001277	0.00076	0	0.002038	0	0	0	0.002038	0.091244	0.054316	0	0.14556	0	0	0	0.14556	0.37755	0.097193	0	0.474742	0	0	0	0	0.152881	17.17235146					17172	7.62		
0.00303	0.011516	0.027078	0.021071	8.13E-05	0.009503	0.030656	0.061954	0.011593	0.061293	0.13484	0.046021	0.011569	0.050493	0.242922	0.090403	0.016916	0.067109	0.174427	0.046021	0.011569	0.050493	0.28251	1.472086	0.089794	1.290164	2.852045	0.012759	5.93E-05	9.93E-05	0.012917	0.032789	137.782868	137783	4.81						2
0.000434	0	0.003476	0.171679	0.004452	0	0.176131	0.065489	0.009349	0	0.074838	0	0	0	0.074838	0.074554	0.010643	0	0.085197	0	0	0	0.085197	0.206231	0.13529	0	0.341521	0.010319	0.000268	0	0.010586	0.158492	99.86448595			99864	7.16				3
0.003937	0	0.033938	0.009779	0.000215	0	0.009994	0.000429	5.63E-05	0	0.000485	0	0	0	0.000485	0.030618	0.004018	0	0.034636	0	0	0	0.034636	0.140123	0.005183	0	0.145305	0	0	0	0	0.054167	5.666764501					5667	8.18		
0.016998	0.002149	0.025911	0.012832	0.000583	0.001721	0.015136	0.033221	0.073618	0.012375	0.119214	0.015277	0.00401	0.010199	0.1487	0.048476	0.107423	0.013549	0.169449	0.015277	0.00401	0.010199	0.198934	0.771292	0.569806	0.309463	1.65056	0.003125	0.000181	1.66E-05	0.003323	0.016497	35.44312849	35443	9.38						2
0.000178	0	0.002167	0.089251	0.007689	0	0.09694	0.042814	0.003838	0	0.046653	0	0	0	0.046653	0.048741	0.00437	0	0.053111	0	0	0	0.053111	0.118063	0.082515	0	0.200578	0.005364	0.000462	0	0.005826	0.056751	54.96399866			54964	7.89				3
0.065558	0	0.549109	0.036656	0.003752	0	0.040408	0.006909	0.000937	0	0.007846	0	0	0	0.007846	0.493499	0.066907	0	0.560406	0	0	0	0.560406	1.654269	0.099441	0	1.75371	0	0	0	0	0.119098	22.91122458					22911	4.45		
0	0.001167	0.001987	0.003483	0	0.001001	0.004484	0.002578	0	0.004798	0.007376	0.002008	0.000662	0.001259	0.011306	0.003762	0	0.005253	0.009016	0.002008	0.000662	0.001259	0.012945	0.11705	0	0.096672	0.213722	0.003507	0	9.44E-06	0.003517	0.011881	37.51096907	37511	6.39						2
0	0	0.001562	0.078914	0	0	0.078914	0.033638	0	0	0.033638	0	0	0	0.033638	0.038294	0	0	0.038294	0	0	0	0.038294	0.039574	0	0	0.039574	0.004746	0	0	0.004746	0.07591	44.74336555			44743	7.97				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.38846	0.439238	0	0	0.439238	0.035118	0	0	0.035118	0	0	0	0.035118	2.438681	0	0	2.438681	0	0	0	2.438681	34.73208	0	0	34.73208	0	0	0	0	0.961536	249.0440218					249044	3.61		
0	3.23E-07	0.00278	0.002559	0	8.56E-05	0.002644	0.016572	0	1.71E-06	0.016574	0.00188	0.000498	0.004382	0.023333	0.024182	0	1.87E-06	0.024184	0.00188	0.000498	0.004382	0.030943	0.783552	0	0.017192	0.800745	0.00026	0	2.26E-06	0.000262	0.000481	2.794145789	2794	3.69						2
0.095664	0	0.129425	11.72841	0.771004	0	12.49941	0.726855	2.059622	0	2.786477	0	0	0	2.786477	0.827469	2.344723	0	3.172192	0	0	0	3.172192	3.537696	30.02397	0	33.56166	0.704924	0.04634	0	0.751264	10.02671	7087.04929			7087049	5.94				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.501763	0	2.950522	0.335603	0.034222	0	0.369825	0.0656	0.008326	0	0.073926	0	0	0	0.073926	2.534016	0.513404	0	3.047419	0	0	0	3.047419	13.55	1.251482	0	14.80148	0	0	0	0	1.011429	209.6875015					209688	5.45		
0	5.019629	6.647327	2.856833	0	2.254891	5.111724	6.341827	0	23.20446	29.54628	22.87662	6.542538	16.58324	75.54868	9.251313	0	25.40588	34.65719	22.87662	6.542538	16.58324	80.65959	468.7676	0	224.2399	693.0075	1.61647	0	0.047185	1.663656	19.01296	17745.30412	17745304	28.75						2
0	0	0.00284	0.064628	0	0	0.064628	0.061146	0	0	0.061146	0	0	0	0.061146	0.069611	0	0	0.069611	0	0	0	0.069611	0.691614	0	0	0.691614	0.003887	0	0	0.003887	0.005189	36.64336592			36643	41.44				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.060782	0.069008	0.010305	0	0.030443	0.040748	0.025783	0	0.245006	0.270788	0.169644	0.060354	0.05299	0.553776	0.037622	0	0.26825	0.305872	0.169644	0.060354	0.05299	0.58886	3.908066	0	1.880234	5.7883	0.023952	0	0.00095	0.024902	0.324835	265.618887								
0	0.855204	1.356343	0.659771	0	0.278756	0.938526	2.273332	0	4.585452	6.858784	5.61272	1.459438	4.350334	18.28128	3.316297	0	5.02048	8.336777	5.61272	1.459438	4.350334	19.75927	101.9273	0	44.04586	145.9732	0.173585	0	0.00588	0.179466	1.870832	1914.262762	1914263	23.89						2
0	0	0.000175	0.000807	0	0	0.000807	0.003761	0	0	0.003761	0	0	0	0.003761	0.004281	0	0	0.004281	0	0	0	0.004281	0.021589	0	0	0.021589	4.86E-05	0	0	4.86E-05	3.71E-05	0.457717718			458	23.72				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00019	0.000215	3.22E-05	0	9.5E-05	0.000127	8.09E-05	0	0.000764	0.000845	0.000332	0.000113	9.99E-05	0.00139	0.000118	0	0.000837	0.000955	0.000332	0.000113	9.99E-05	0.0015	0.012263	0	0.005861	0.018124	7.5E-05	0	3.19E-06	7.81E-05	0.001102	0.833487108								
0	2.785933	3.766069	1.823887	0	1.225264	3.049151	3.928458	0	13.08292	17.01138	10.53323	2.857096	7.640965	38.04267	5.731859	0	14.32414	20.056	10.53323	2.857096	7.640965	41.0873	261.8639	0	122.8376	384.7015	0.946874	0	0.027819	0.974693	9.49127	10396.51888	10396519	23.22						2
0	0	0.000808	0.048905	0	0	0.048905	0.017389	0	0	0.017389	0	0	0	0.017389	0.019796	0	0	0.019796	0	0	0	0.019796	0.160327	0	0	0.160327	0.002941	0	0	0.002941	0.002965	27.72848408			27728	31.30				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.007247	0.008234	0.001234	0	0.003632	0.004866	0.003094	0	0.029198	0.032292	0.014112	0.004606	0.004255	0.055266	0.004515	0	0.031969	0.036483	0.014112	0.004606	0.004255	0.059457	0.469126	0	0.22405	0.693177	0.00287	0	0.000132	0.003002	0.04216	32.01988709								
0.069896	0.313947	0.594319	0.27357	0.001805	0.45998	0.735354	1.067005	0.258188	1.566199	2.891393	1.956209	0.49181	2.718986	8.058397	1.556972	0.376747	1.714791	3.64851	1.956209	0.49181	2.718986	8.815515	29.50762	2.227492	27.00809	58.74321	0.171871	0.00071	0.002263	0.174844	0.993246	1864.964181	1864964	10.77						2
0.002185	0	0.143054	1.490613	0.009138	0	1.499751	3.03282	0.04705	0	3.07987	0	0	0	3.07987	3.452664	0.053563	0	3.506227	0	0	0	3.506227	9.048016	0.389976	0	9.437993	0.08965	0.00055	0	0.090199	2.445334	850.3450123			850345	17.26				3
0.010047	0.04345	0.072042	0.034653	0.000258	0.065435	0.100346	0.087425	0.036767	0.213446	0.337638	0.243472	0.061303	0.322184	0.964597	0.12757	0.053651	0.233696	0.414917	0.243472	0.061303	0.322184	1.041876	2.885749	0.318924	3.798765	7.003438	0.026772	0.000117	0.000322	0.027211	0.13952	290.2460669	290246	9.70						2
0.000837	0	0.047274	0.715004	0.00556	0	0.720563	0.999771	0.018017	0	1.017788	0	0	0	1.017788	1.138173	0.020511	0	1.158684	0	0	0	1.158684	2.707056	0.149333	0	2.856388	0.043002	0.000334	0	0.043337	1.109046	408.5525464			408553	14.36				3
0	0.295784	1.151644	0.188283	0	0.013683	0.201967	5.763204	0	2.229025	7.992229	3.5243	5.464696	5.782195	22.76342	6.865856	0	2.42261	9.288466	3.5243	5.464696	5.782195	24.05966	64.91802	0	12.33077	77.24879	0.008666	0	0.000781	0.009446	0.039093	100.7600058	100760	40.57						2
0	2.487326	3.421583	1.640266	0	0.952408	2.592675	4.030685	0	12.75594	16.78663	9.476485	2.458303	7.02626	35.74768	5.872799	0	13.96604	19.83884	9.476485	2.458303	7.02626	38.79989	213.0322	0	95.92805	308.9602	0.74809	0	0.023269	0.771359	6.002666	8227.667001	8227667	18.93						2
0	0	0.002262	0.194029	0	0	0.194029	0.048695	0	0	0.048695	0	0	0	0.048695	0.055436	0	0	0.055436	0	0	0	0.055436	0.792014	0	0	0.792014	0.011669	0	0	0.011669	0.008884	110.0124955			110012	23.63				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.004528	0.005122	0.000746	0	0.002262	0.003008	0.001869	0	0.018296	0.020165	0.010317	0.003334	0.003125	0.036941	0.002727	0	0.020032	0.022759	0.010317	0.003334	0.003125	0.039535	0.284862	0	0.140428	0.42529	0.001744	0	0.000104	0.001848	0.025786	19.71149379								
0	0.000374	0.014871	0.024523	0	0.000424	0.024947	0.064987	0	0.001574	0.066561	0.490215	0.127612	0.002932	0.687321	0.094829	0	0.001724	0.096552	0.490215	0.127612	0.002932	0.717312	1.770087	0	0.034785	1.804872	0.016368	0	3.09E-06	0.016371	0.039786	174.6202304	174620	4.62						2
0	0	0.001892	0.061549	0	0	0.061549	0.040734	0	0	0.040734	0	0	0	0.040734	0.046373	0	0	0.046373	0	0	0	0.046373	0.150773	0	0	0.150773	0.003702	0	0	0.003702	0.049836	34.89786983			34898	9.71				3
0.014321	0.053635	0.115751	0.075393	0.000406	0.036209	0.112008	0.239497	0.055821	0.29637	0.591688	0.177168	0.042675	0.337473	1.149004	0.349474	0.081453	0.324488	0.755415	0.177168	0.042675	0.337473	1.312731	5.608382	0.81479	6.376758	12.79993	0.050592	0.000299	0.000515	0.051406	0.133465	548.3210399	548321	4.91						2
0.003584	0	0.020904	2.339845	0.107293	0	2.447138	0.372891	0.077167	0	0.450058	0	0	0	0.450058	0.424508	0.087849	0	0.512357	0	0	0	0.512357	1.386127	2.243416	0	3.629543	0.140634	0.006449	0	0.147083	2.772823	1387.50445			1387504	8.68				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.056363	0	0.154674	0.029101	0.003513	0	0.032614	0.001405	0.000805	0	0.00221	0	0	0	0.00221	0.100334	0.057522	0	0.157856	0	0	0	0.157856	0.406177	0.110552	0	0.51673	0	0	0	0	0.165566	18.49173742					18492	7.66		
0.002931	0.011031	0.024986	0.018907	7.9E-05	0.009178	0.028163	0.054419	0.011196	0.058744	0.12436	0.0467	0.011354	0.051016	0.233429	0.079408	0.016338	0.064318	0.160064	0.0467	0.011354	0.051016	0.269133	1.279544	0.086711	1.23015	2.596404	0.012042	5.7E-05	9.52E-05	0.012194	0.031253	130.0703233	130070	4.85						2
0.000435	0	0.003022	0.173246	0.004384	0	0.177629	0.055678	0.009376	0	0.065054	0	0	0	0.065054	0.063385	0.010674	0	0.074059	0	0	0	0.074059	0.183263	0.144354	0	0.327617	0.010413	0.000263	0	0.010676	0.168185	100.7141364			100714	7.17				3
0.00346	0	0.0315	0.008942	0.000191	0	0.009133	0.000401	4.94E-05	0	0.00045	0	0	0	0.00045	0.028617	0.003532	0	0.032148	0	0	0	0.032148	0.128747	0.004798	0	0.133545	0	0	0	0	0.04974	5.178430587					5178	8.22		
0.0173	0.00217	0.025846	0.012704	0.000593	0.001788	0.015084	0.031306	0.074711	0.012458	0.118474	0.015593	0.003996	0.010159	0.148221	0.045681	0.109018	0.01364	0.168339	0.015593	0.003996	0.010159	0.198086	0.717397	0.578063	0.307013	1.602473	0.00318	0.000183	1.66E-05	0.003379	0.016856	36.04528074	36045	9.43						2
0.000174	0	0.002069	0.088144	0.007649	0	0.095792	0.040799	0.003745	0	0.044544	0	0	0	0.044544	0.046446	0.004263	0	0.05071	0	0	0	0.05071	0.113556	0.084829	0	0.198385	0.005298	0.00046	0	0.005757	0.058798	54.31330247			54313	7.92				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.067606	0	0.558696	0.037492	0.003909	0	0.041401	0.007017	0.000966	0	0.007983	0	0	0	0.007983	0.501193	0.068997	0	0.57019	0	0	0	0.57019	1.669421	0.106167	0	1.775589	0	0	0	0	0.122766	23.473741					23474	4.48		
0	0.001162	0.001979	0.003483	0	0.000994	0.004477	0.002567	0	0.004772	0.00734	0.002019	0.000669	0.001314	0.011342	0.003746	0	0.005225	0.008972	0.002019	0.000669	0.001314	0.012974	0.1182	0	0.097134	0.215334	0.003524	0	9.5E-06	0.003534	0.011968	37.69319177	37693	6.40						2

0	0	0.001513	0.078682	0	0	0.078682	0.032577	0	0	0.032577	0	0	0	0.032577	0.037086	0	0	0.037086	0	0	0	0.037086	0.038233	0	0	0.038233	0.004732	0	0	0.004732	0.077577	44.61219093			44612	8.03				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.59985	0.438138	0	0	0.438138	0.038164	0	0	0.038164	0	0	0	0.038164	2.654449	0	0	2.654449	0	0	0	2.654449	36.59132	0	0	36.59132	0	0	0	0	0.969745	248.4201374					248420	3.65		
0	2.75E-07	0.002162	0.002251	0	6.31E-05	0.002314	0.012677	0	1.45E-06	0.012679	0.001361	0.000357	0.003131	0.017528	0.018499	0	1.59E-06	0.0185	0.001361	0.000357	0.003131	0.023349	0.562453	0	0.01427	0.576723	0.000229	0	1.79E-06	0.000231	0.00045	2.466707771	2467	3.81						2
0.098576	0	0.131553	11.76229	0.780713	0	12.543	0.70997	2.12232	0	2.83229	0	0	0	2.83229	0.808247	2.4161	0	3.224347	0	0	0	3.224347	3.362338	30.99422	0	34.35656	0.70696	0.046924	0	0.753884	10.21654	7111.765589			7111766	6.02				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.511478	0	2.892177	0.341616	0.035855	0	0.377471	0.061644	0.008357	0	0.070001	0	0	0	0.070001	2.461156	0.523196	0	2.984352	0	0	0	2.984352	13.46422	1.316053	0	14.78028	0	0	0	0	1.041186	214.0222916					214022	5.53		
0	4.709303	6.170304	2.673761	0	2.182114	4.855875	5.576681	0	21.49068	27.06736	21.98914	6.239571	15.90537	71.20145	8.13748	0	23.52959	31.66707	21.98914	6.239571	15.90537	75.80116	437.7585	0	209.7802	647.5387	1.577978	0	0.04578	1.623758	19.42883	17319.73666	17319737	29.34						2
0	0	0.002382	0.058806	0	0	0.058806	0.051285	0	0	0.051285	0	0	0	0.051285	0.058384	0	0	0.058384	0	0	0	0.058384	0.617056	0	0	0.617056	0.003537	0	0	0.003537	0.004762	33.34272995			33343	41.80				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.066728	0.075468	0.01094	0	0.033317	0.044258	0.027485	0	0.269881	0.297366	0.186165	0.066938	0.060246	0.610716	0.040107	0	0.295485	0.335592	0.186165	0.066938	0.060246	0.648942	4.172152	0	2.07128	6.243432	0.025594	0	0.00103	0.026624	0.352281	283.9846646								
0	0.782146	1.224287	0.594626	0	0.263539	0.858165	1.992313	0	4.151892	6.144205	5.213457	1.352629	3.988942	16.69923	2.906824	0	4.545795	7.452619	5.213457	1.352629	3.988942	18.00765	91.6783	0	39.93583	131.6141	0.167158	0	0.005598	0.172756	1.839694	1842.693519	1842694	24.31						2
0	0	0.000154	0.000713	0	0	0.000713	0.003314	0	0	0.003314	0	0	0	0.003314	0.003772	0	0	0.003772	0	0	0	0.003772	0.019029	0	0	0.019029	4.29E-05	0	0	4.29E-05	3.28E-05	0.404529377			405	23.75				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000294	0.000333	4.78E-05	0	0.000147	0.000195	0.000121	0	0.001191	0.001312	0.000506	0.000174	0.00015	0.002142	0.000177	0	0.001304	0.001481	0.000506	0.000174	0.00015	0.00231	0.018364	0	0.009139	0.027503	0.000112	0	4.86E-06	0.000117	0.001655	1.250182422								
0	2.673122	3.583699	1.725206	0	1.200233	2.925439	3.596009	0	12.40367	15.99968	10.41208	2.782244	7.531046	36.72505	5.247112	0	13.58045	18.82757	10.41208	2.782244	7.531046	39.55294	249.5349	0	117.559	367.094	0.944955	0	0.027578	0.972534	9.927713	10373.48664	10373487	23.82						2
0	0	0.000773	0.049776	0	0	0.049776	0.016648	0	0	0.016648	0	0	0	0.016648	0.018953	0	0	0.018953	0	0	0	0.018953	0.161999	0	0	0.161999	0.002994	0	0	0.002994	0.00308	28.22252487			28223	31.93				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.008969	0.010139	0.001461	0	0.004476	0.005936	0.003685	0	0.036299	0.039984	0.017033	0.005653	0.005118	0.067788	0.005377	0	0.039743	0.04512	0.017033	0.005653	0.005118	0.072924	0.559578	0	0.278558	0.838136	0.003427	0	0.000161	0.003588	0.050466	38.26914225								
0.067834	0.299126	0.55559	0.24622	0.001769	0.449305	0.697294	0.953048	0.248908	1.4843	2.686255	1.875518	0.46315	2.599136	7.624058	1.390685	0.363206	1.625121	3.379012	1.875518	0.46315	2.599136	8.316815	27.71568	2.205204	27.02215	56.94304	0.167926	0.000696	0.002235	0.170858	0.993518	1822.448218	1822448	11.02						2
0.002175	0	0.134879	1.477648	0.009011	0	1.486659	2.857034	0.046826	0	2.90386	0	0	0	2.90386	3.252544	0.053308	0	3.305852	0	0	0	3.305852	8.430285	0.388116	0	8.818401	0.08887	0.000542	0	0.089412	2.545161	842.9217892			842922	17.39				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.009712	0.041402	0.067246	0.031313	0.000251	0.063617	0.095181	0.075324	0.035382	0.202272	0.312978	0.23682	0.058242	0.31125	0.91929	0.109913	0.051629	0.221462	0.383004	0.23682	0.058242	0.31125	0.989316	2.676969	0.31527	3.760281	6.75252	0.026027	0.000115	0.000316	0.026457	0.138243	282.204455	282204	9.88						2
0.00085	0	0.045623	0.71699	0.005591	0	0.722582	0.963931	0.018294	0	0.982226	0	0	0	0.982226	1.097372	0.020827	0	1.118199	0	0	0	1.118199	2.587371	0.151634	0	2.739005	0.043122	0.000336	0	0.043458	1.15502	409.6970921			409697	14.52				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.289204	1.123646	0.185977	0	0.013224	0.1992	5.568477	0	2.170964	7.739442	3.524286	5.488228	5.826032	22.57799	6.658185	0	2.35974	9.017925	3.524286	5.488228	5.826032	23.85647	63.07329	0	12.30522	75.3785	0.008671	0	0.000767	0.009438	0.039491	100.6709314	100671	40.78						2
0	2.311019	3.140559	1.493126	0	0.90889	2.402016	3.517809	0	11.68772	15.20553	9.361992	2.368468	6.916157	33.85214	5.130139	0	12.79654	17.92668	9.361992	2.368468	6.916157	36.57329	194.5638	0	89.11814	283.6819	0.735272	0	0.022697	0.757969	6.157293	8084.838751	8084839	19.37						2
0	0	0.002144	0.188925	0	0	0.188925	0.046169	0	0	0.046169	0	0	0	0.046169	0.052561	0	0	0.052561	0	0	0	0.052561	0.771595	0	0	0.771595	0.011362	0	0	0.011362	0.008761	107.1185025			107119	23.93				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.005627	0.006337	0.000888	0	0.0028	0.003688	0.002242	0	0.022841	0.025083	0.01222	0.004237	0.003712	0.045252	0.003272	0	0.025008	0.02828	0.01222	0.004237	0.003712	0.048449	0.341882	0	0.175307	0.517189	0.002095	0	0.000127	0.002221	0.031004	23.6934277								
0	0.00035	0.01251	0.021895	0	0.000415	0.02231	0.053313	0	0.001454	0.054767	0.457344	0.115646	0.002695	0.630452	0.077794	0	0.001592	0.079387	0.457344	0.115646	0.002695	0.655072	1.40626	0	0.031872	1.438132	0.015628	0	2.9E-06	0.015631	0.038072	166.72948	166729	4.62						2
0	0	0.001848	0.061276	0	0	0.061276	0.039787	0	0	0.039787	0	0	0	0.039787	0.045295	0	0	0.045295	0	0	0	0.045295	0.146574	0	0	0.146574	0.003685	0	0	0.003685	0.051302	34.74304856			34743	9.71				3
0.01411	0.050909	0.104561	0.065751	0.000405	0.035374	0.10153	0.195859	0.054539	0.278173	0.528571	0.162473	0.038656	0.305503	1.035202	0.285797	0.079583	0.304565	0.669945	0.162473	0.038656	0.305503	1.176576	4.551931	0.795513	5.955865	11.30331	0.049194	0.00029	0.000495	0.049978	0.131214	533.0897344	533090	4.97						2
0.003437	0	0.01888	2.357001	0.108243	0	2.465244	0.3325	0.073989	0	0.406489	0	0	0	0.406489	0.378526	0.084231	0	0.462757	0	0	0	0.462757	1.283984	2.276173	0	3.560157	0.141665	0.006506	0	0.148171	2.824128	1397.76998			1397770	8.71				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.059451	0	0.162938	0.030297	0.003754	0	0.034051	0.001479	0.000849	0	0.002328	0	0	0	0.002328	0.105617	0.060674	0	0.166291	0	0	0	0.166291	0.422037	0.121165	0	0.543203	0	0	0	0	0.173278	19.30646855					19306	7.68		
0.002827	0.010525	0.02298	0.016869	7.64E-05	0.008867	0.025813	0.047389	0.010798	0.056043	0.114229	0.046835	0.011028	0.051143	0.223235	0.06915	0.015756	0.06136	0.146266	0.046835	0.011028	0.051143	0.255271	1.114168	0.083612	1.171663	2.369442	0.011298	5.46E-05	9.12E-05	0.011444	0.029587	122.0698418	122070	4.89						2
0.000444	0	0.003044	0.173176	0.00445	0	0.177626	0.055974	0.009569	0	0.065542	0	0	0	0.065542	0.063722	0.010893	0	0.074615	0	0	0	0.074615	0.183932	0.147691	0	0.331623	0.010409	0.000267	0	0.010676	0.168822	100.712475			100712	7.19				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003527	0	0.032493	0.009073	0.000197	0	0.00927	0.000414	5.04E-05	0	0.000464	0	0	0	0.000464	0.029562	0.0036	0	0.033161	0	0	0	0.033161	0.130969	0.005106	0	0.136075	0	0	0	0	0.050616	5.255847301					5256	8.24		
0.017582	0.002185	0.025759	0.012453	0.000602	0.001851	0.014906	0.029355	0.075773	0.012504	0.117631	0.016713	0.004097	0.010754	0.149195	0.042834	0.110568	0.01369	0.167092	0.016713	0.004097	0.010754	0.198656	0.676356	0.58614	0.302079	1.564574	0.003222	0.000185	1.66E-05	0.003423	0.017143	36.5119238	36512	9.47						2
0.00017	0	0.001976	0.08689	0.007592	0	0.094482	0.038873	0.003665	0	0.042539	0	0	0	0.042539	0.044254	0.004173	0	0.048427	0	0	0	0.048427	0.109199	0.087035	0	0.196234	0.005222	0.000456	0	0.005679	0.060626	53.57046324			53570	7.96				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.069604	0	0.567347	0.03825	0.004061	0	0.042311	0.007112	0.000995	0	0.008106	0	0	0	0.008106	0.507984	0.071036	0	0.57902	0	0	0	0.57902	1.681989	0.112727	0	1.794716	0	0	0	0	0.126135	23.98986892					23990	4.50		
0	0.001117	0.001923	0.003304	0	0.000963	0.004267	0.002524	0	0.004581	0.007105	0.001786	0.000583	0.001269	0.010744	0.003683	0	0.005016	0.008699	0.001786	0.000583	0.001269	0.012337	0.11777	0	0.098552	0.216322	0.003507	0	9.52E-06	0.003516	0.012044	37.50347318	37503	6.47						2
0	0	0.001206	0.074473	0	0	0.074473	0.025961	0	0	0.025961	0	0	0	0.025961	0.029555	0	0	0.029555	0	0	0	0.029555	0.029831	0	0	0.029831	0.004479	0	0	0.004479	0.081911	42.22524783			42225	8.29				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.773741	0.434645	0	0	0.434645	0.040587	0	0	0.040587	0	0	0	0.040587	2.831849	0	0	2.831849	0	0	0	2.831849	38.00958	0	0	38.00958	0	0	0	0	0.972756	246.4394714					246439	3.69		
0	2.73E-07	0.001684	0.001935	0	4.57E-05	0.001981	0.009564	0	1.44E-06	0.009566	0.001049	0.000275	0.002394	0.013283	0.013956	0	1.58E-06	0.013958	0.001049	0.000275	0.002394	0.017675	0.447108	0	0.01318	0.460288	0.000208	0	1.52E-06	0.00021	0.000423	2.236962809	2237	3.90						2
0.101053	0	0.133407	11.76099	0.786096	0	12.54709	0.696575	2.175642	0	2.872218	0	0	0	2.872218	0.792998	2.476803	0	3.269801	0	0	0	3.269801	3.217609	31.8211	0	35.03871	0.706882	0.047247	0	0.75413	10.39642	7114.08091			7114081	6.11				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.519258	0	2.834109	0.347865	0.037367	0	0.385232	0.058047	0.008367	0	0.066414	0	0	0	0.066414	2.390927	0.53102	0	2.921948	0	0	0	2.921948	13.40357	1.377243	0	14.78082	0	0	0	0	1.069369	218.4230469					218423	5.58		
0	4.414764	5.732705	2.511239	0	2.107709	4.618949	4.945489	0	19.93881	24.8843	21.42193	6.007964	15.51342	67.82761	7.216446	0	21.83048	29.04693	21.42193	6.007964	15.51342	71.99024	410.0781	0	196.8688	606.947	1.532114	0	0.044407	1.576522	19.74463	16815.89482	16815895	29.96						2
0	0	0.002044	0.052967	0	0	0.052967	0.044008	0	0	0.044008	0	0	0	0.044008	0.0501	0	0	0.0501	0	0	0	0.0501	0.548662	0	0	0.548662	0.003186	0	0	0.003186	0.004329	30.03177411			30032	42.18				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.072283	0.081428	0.011414	0	0.035954	0.047367	0.028878	0	0.293537	0.322415	0.199267	0.072773	0.06566	0.660115	0.042139	0	0.321386	0.363525	0.199267	0.072773	0.06566	0.701225	4.38429	0	2.252987	6.637277	0.026901	0	0.001102	0.028003	0.374412	298.6881733								
0	0.714837	1.104284	0.534729	0	0.248933	0.783662	1.744164	0	3.75973	5.503894	4.825183	1.254289	3.647634	15.231	2.54508	0	4.116431	6.661511	4.825183	1.254289	3.647634	16.38862	82.43726	0	36.2796	118.7169	0.160212	0	0.005334	0.165546	1.805187	1765.785156	1765785	24.75						2
0	0	0.000135	0.000628	0	0	0.000628	0.002904	0	0	0.002904	0	0	0	0.002904	0.003306	0	0	0.003306	0	0	0	0.003306	0.016667	0	0	0.016667	3.78E-05	0	0	3.78E-05	2.89E-05	0.355926867			356	23.76				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000423	0.000476	6.57E-05	0	0.00021	0.000276	0.000168	0	0.001723	0.00189	0.000724	0.000249	0.000211	0.003073	0.000245	0	0.001886	0.002131	0.000724	0.000249	0.000211	0.003314	0.025481	0	0.013215	0.038696	0.000156	0	6.87E-06	0.000163	0.002297	1.736343419								
0	2.564429	3.411824	1.63754	0	1.179123	2.816663	3.301428	0	11.77684	15.07827	10.39218	2.736256	7.518302	35.72501	4.817436	0	12.89416	17.7116	10.39218	2.736256	7.518302	38.35834	238.2273	0	112.6905	350.9178	0.937057	0	0.027319	0.964376	10.30099	10286.46844	10286468	24.43						2
0	0	0.000769	0.050105	0	0	0.050105	0.016561	0	0	0.016561	0	0	0	0.016561	0.018853	0	0	0.018853	0	0	0	0.018853	0.164511	0	0	0.164511	0.003013	0	0	0.003013	0.003166	28.40920145			28409	32.61				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.010755	0.0121	0.001672	0	0.005342	0.007014	0.004254	0	0.043752	0.048006	0.020255	0.006834	0.006075	0.08117	0.006208	0	0.047903	0.054111	0.020255	0.006834	0.006075	0.087274	0.646204	0	0.335769	0.981973	0.003958	0	0.00019	0.004149	0.058342	44.2510448								
0.065729	0.285158	0.515419	0.219283	0.001731	0.437152	0.658166	0.82501	0.239674	1.408873	2.473557	1.767208	0.432427	2.442497	7.11569	1.203853	0.349732	1.542539	3.096124	1.767208	0.432427	2.442497	7.738256	25.48605	2.180862	26.99619	54.66311	0.163244	0.000683	0.002205	0.166131	0.986872	1772.033694	1772034	11.25						2
0.002162	0	0.126194	1.455206	0.008874	0	1.46408	2.670347	0.046536	0	2.716882	0	0	0	2.716882	3.040012	0.052978	0	3.09299	0	0	0	3.09299	7.791177	0.385713	0	8.176891	0.08752	0.000534	0	0.088054	2.617834	830.1194164			830119	17.50				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.009363	0.039355	0.062856	0.028097	0.000243	0.061593	0.089934	0.065591	0.03398	0.191359	0.29093	0.230869	0.055613	0.301854	0.879265	0.09571	0.049584	0.209514	0.354807	0.230869	0.055613	0.301854	0.943142	2.495873	0.31107	3.71776	6.524702	0.025162	0.000113	0.000309	0.025583	0.135999	272.8842128	272884	10.05						2
0.00086	0	0.043744	0.713633	0.00561	0	0.719243	0.923265	0.018526	0	0.94179	0	0	0	0.94179	1.051075	0.02109	0	1.072166	0	0	0	1.072166	2.458138	0.153551	0	2.611689	0.04292	0.000337	0	0.043257	1.188744	407.8037871			407804	14.66				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.283029	1.09498	0.182972	0	0.012766	0.195737	5.372549	0	2.117482	7.490031	3.525024	5.510797	5.868178	22.39403	6.446995	0	2.301831	8.748825	3.525024	5.510797	5.868178	23.65283	61.13091	0	12.28895	73.41986	0.008638	0	0.000753	0.009391	0.039658	100.1719494	100172	40.94						2
0	2.146245	2.886961	1.361038	0	0.868305	2.229343	3.095864	0	10.71609	13.81195	9.183235	2.28576	6.759813	32.04076	4.516673	0	11.73276	16.24943	9.183235	2.28576	6.759813	34.47824	179.5198	0	83.37057	262.8904	0.718353	0	0.022135	0.740488	6.275031	7898.376077	7898376	19.84						2
0	0	0.002008	0.182335	0	0	0.182335	0.043232	0	0	0.043232	0	0	0	0.043232	0.049217	0	0	0.049217	0	0	0	0.049217	0.746271	0	0	0.746271	0.010966	0	0	0.010966	0.008575	103.3823802			103382	24.27				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.006814	0.007639	0.001027	0	0.003375	0.004402	0.002619	0	0.027798	0.030418	0.014234	0.005029	0.00429	0.053971	0.003822	0	0.030436	0.034258	0.014234	0.005029	0.00429	0.057811	0.399111	0	0.213354	0.612465	0.002445	0	0.00015	0.002596	0.036193	27.68811952								
0	0.000329	0.010773	0.019666	0	0.000407	0.020073	0.045058	0	0.001348	0.046406	0.420385	0.104516	0.002452	0.573758	0.065748	0	0.001476	0.067224	0.420385	0.104516	0.002452	0.594576	1.160288	0	0.029419	1.189707	0.01492	0	2.75E-06	0.014922	0.036395	159.1689134	159169	4.62						2
0	0	0.001794	0.060702	0	0	0.060702	0.038631	0	0	0.038631	0	0	0	0.038631	0.043979	0	0	0.043979	0	0	0	0.043979	0.141642	0	0	0.141642	0.003651	0	0	0.003651	0.052435	34.41763413			34418	9.71				3
0.013896	0.048493	0.095228	0.057328	0.000395	0.034324	0.092046	0.160729	0.053369	0.262367	0.476465	0.15023	0.035337	0.279155	0.941187	0.234535	0.077875	0.287259	0.59967	0.15023	0.035337	0.279155	1.064392	3.709044	0.777987	5.58924	10.07627	0.047609	0.000281	0.000476	0.048366	0.128401	515.8918965	515892	5.02						2
0.003322	0	0.016941	2.3623	0.109436	0	2.471736	0.293205	0.071529	0	0.364733	0	0	0	0.364733	0.333791	0.08143	0	0.415221	0	0	0	0.415221	1.18244	2.320194	0	3.502635	0.141984	0.006578	0	0.148561	2.865016	1401.451242			1401451	8.76				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.062684	0	0.171392	0.031438	0.004009	0	0.035447	0.001553	0.000896	0	0.002449	0	0	0	0.002449	0.110944	0.063974	0	0.174918	0	0	0	0.174918	0.437793	0.132595	0	0.570388	0	0	0	0	0.180614	20.09809194					20098	7.69		
0.002723	0.010043	0.021167	0.015004	7.26E-05	0.00851	0.023587	0.041257	0.010408	0.053551	0.105216	0.046089	0.010627	0.050321	0.212253	0.060202	0.015187	0.058632	0.134021	0.046089	0.010627	0.050321	0.241058	0.963696	0.080587	1.117833	2.162116	0.010544	5.24E-05	8.73E-05	0.010684	0.027891	113.9569142	113957	4.94						2
0.000464	0	0.002995	0.172155	0.004578	0	0.176733	0.054491	0.00998	0	0.064471	0	0	0	0.064471	0.062034	0.011361	0	0.073396	0	0	0	0.073396	0.179022	0.154378	0	0.333401	0.010347	0.000275	0	0.010622	0.169702	100.2061079			100206	7.26				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003633	0	0.033848	0.009196	0.000206	0	0.009401	0.000432	5.19E-05	0	0.000484	0	0	0	0.000484	0.030836	0.003708	0	0.034544	0	0	0	0.034544	0.13367	0.00567	0	0.139339	0	0	0	0	0.052032	5.330494271					5330	8.35		
0.017819	0.002188	0.025545	0.011986	0.000601	0.001906	0.014493	0.027074	0.076693	0.012483	0.11625	0.016993	0.004075	0.010753	0.148071	0.039507	0.11191	0.013667	0.165084	0.016993	0.004075	0.010753	0.196905	0.626593	0.593101	0.296377	1.516071	0.003239	0.000186	1.66E-05	0.003441	0.017297	36.70615001	36706	9.50						2
0.000167	0	0.001885	0.085566	0.007521	0	0.093088	0.036987	0.003597	0	0.040584	0	0	0	0.040584	0.042107	0.004095	0	0.046202	0	0	0	0.046202	0.104884	0.089217	0	0.194101	0.005143	0.000452	0	0.005595	0.062353	52.77979853			52780	7.99				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.071583	0	0.575458	0.038963	0.004212	0	0.043176	0.007199	0.001023	0	0.008222	0	0	0	0.008222	0.514242	0.073056	0	0.587297	0	0	0	0.587297	1.692952	0.119226	0	1.812178	0	0	0	0	0.129341	24.48014496					24480	4.52		
0	0.001101	0.001893	0.003303	0	0.000941	0.004243	0.002473	0	0.004515	0.006988	0.00166	0.000526	0.001269	0.010443	0.003609	0	0.004944	0.008552	0.00166	0.000526	0.001269	0.012007	0.118926	0	0.100066	0.218992	0.003493	0	9.54E-06	0.003502	0.01211	37.35894097	37359	6.54						2
0	0	0.001201	0.074223	0	0	0.074223	0.025847	0	0	0.025847	0	0	0	0.025847	0.029425	0	0	0.029425	0	0	0	0.029425	0.029741	0	0	0.029741	0.004464	0	0	0.004464	0.084625	42.08347021			42083	8.29				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.886391	0.430284	0	0	0.430284	0.042184	0	0	0.042184	0	0	0	0.042184	2.946804	0	0	2.946804	0	0	0	2.946804	38.89712	0	0	38.89712	0	0	0	0	0.972521	243.9667747					243967	3.73		

0	2.71E-07	0.001244	0.001541	0	1.8E-05	0.001559	0.00671	0	1.43E-06	0.006711	0.000683	0.000188	0.001623	0.009206	0.009791	0	1.56E-06	0.009792	0.000683	0.000188	0.001623	0.012287	0.322787	0	0.01107	0.333857	0.000188	0	1.21E-06	0.000189	0.0004	2.015635024	2016	4.03						2
0.103239	0	0.135081	11.74734	0.788891	0	12.53623	0.685541	2.222709	0	2.90825	0	0	0	2.90825	0.780437	2.530384	0	3.310821	0	0	0	3.310821	3.093813	32.55322	0	35.64703	0.706061	0.047415	0	0.753477	10.5691	7107.923122			7107923	6.21				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.523555	0	2.763401	0.353237	0.038664	0	0.391901	0.054495	0.008334	0	0.062829	0	0	0	0.062829	2.311553	0.535299	0	2.846852	0	0	0	2.846852	13.29357	1.431804	0	14.72537	0	0	0	0	1.094998	222.2043102					222204	5.64		
0	4.151946	5.350571	2.377976	0	2.042531	4.420507	4.425498	0	18.57525	23.00074	20.70948	5.737461	15.09328	64.54097	6.457676	0	20.33756	26.79523	20.70948	5.737461	15.09328	68.33546	386.3723	0	185.5949	571.9672	1.489211	0	0.043179	1.53239	20.06012	16345.16321	16345163	30.60						2
0	0	0.001688	0.047253	0	0	0.047253	0.036337	0	0	0.036337	0	0	0	0.036337	0.041367	0	0	0.041367	0	0	0	0.041367	0.479607	0	0	0.479607	0.002842	0	0	0.002842	0.003908	26.79218627			26792	42.69				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.076808	0.086162	0.011642	0	0.038049	0.049691	0.029667	0	0.313269	0.342936	0.210366	0.076062	0.070335	0.699699	0.04329	0	0.34299	0.38628	0.210366	0.076062	0.070335	0.743043	4.506961	0	2.404603	6.911565	0.027664	0	0.001159	0.028823	0.388713	307.4392695								
0	0.653965	0.99698	0.481967	0	0.235643	0.71761	1.52636	0	3.407107	4.933467	4.428388	1.163127	3.361911	13.88689	2.227261	0	3.730353	5.957614	4.428388	1.163127	3.361911	14.91104	74.19688	0	32.98493	107.1818	0.153549	0	0.005089	0.158638	1.772986	1692.107408	1692107	25.21						2
0	0	0.00011	0.000519	0	0	0.000519	0.002378	0	0	0.002378	0	0	0	0.002378	0.002708	0	0	0.002708	0	0	0	0.002708	0.013871	0	0	0.013871	3.12E-05	0	0	3.12E-05	2.4E-05	0.294066252			294	23.87				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000559	0.000627	8.36E-05	0	0.000277	0.000361	0.000215	0	0.002286	0.002501	0.000955	0.000323	0.000275	0.004054	0.000314	0	0.002503	0.002816	0.000955	0.000323	0.000275	0.004369	0.032636	0	0.017537	0.050173	0.0002	0	8.98E-06	0.000209	0.002946	2.226618655								
0	2.46762	3.259512	1.563345	0	1.164413	2.727758	3.042338	0	11.22033	14.26267	10.33697	2.675916	7.516385	34.79194	4.439373	0	12.28485	16.72422	10.33697	2.675916	7.516385	37.25349	228.5771	0	108.5226	337.0997	0.928086	0	0.027094	0.95518	10.63712	10188.3797	10188380	25.02						2
0	0	0.000771	0.050162	0	0	0.050162	0.016602	0	0	0.016602	0	0	0	0.016602	0.0189	0	0	0.0189	0	0	0	0.0189	0.166792	0	0	0.166792	0.003017	0	0	0.003017	0.003234	28.44157733			28442	33.27				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.012426	0.013919	0.001849	0	0.006145	0.007995	0.004743	0	0.050787	0.05553	0.023398	0.007814	0.007027	0.093768	0.00692	0	0.055606	0.062526	0.023398	0.007814	0.007027	0.100764	0.720668	0	0.389788	1.110456	0.004417	0	0.000218	0.004634	0.065181	49.43076083								
0.063749	0.272262	0.481773	0.196111	0.001695	0.425197	0.623004	0.726031	0.231098	1.339536	2.296665	1.723093	0.413226	2.397675	6.83066	1.059423	0.337218	1.466623	2.863264	1.723093	0.413226	2.397675	7.397259	23.84576	2.159304	26.99517	53.00024	0.158973	0.00067	0.002177	0.161821	0.979803	1726.052537	1726053	11.46						2
0.002143	0	0.117906	1.432189	0.008719	0	1.440909	2.492306	0.046141	0	2.538447	0	0	0	2.538447	2.837324	0.052528	0	2.889853	0	0	0	2.889853	7.187704	0.382439	0	7.570143	0.086136	0.000524	0	0.08666	2.677523	816.981742			816982	17.59				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.009024	0.037412	0.058447	0.02505	0.000236	0.059605	0.084891	0.054809	0.032614	0.180963	0.268386	0.225355	0.05298	0.294891	0.841613	0.079978	0.047591	0.198131	0.3257	0.225355	0.05298	0.294891	0.898927	2.291838	0.306747	3.671804	6.270389	0.02435	0.00011	0.000303	0.024762	0.133777	264.1261984	264126	10.21						2
0.000869	0	0.04191	0.709486	0.005614	0	0.715099	0.883604	0.018703	0	0.902307	0	0	0	0.902307	1.005924	0.021292	0	1.027217	0	0	0	1.027217	2.33635	0.155022	0	2.491372	0.04267	0.000338	0	0.043008	1.217139	405.4546124			405455	14.77				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.277133	1.068509	0.18032	0	0.012326	0.192646	5.193046	0	2.066067	7.259113	3.552522	5.53331	5.912855	22.2578	6.253166	0	2.246161	8.499326	3.552522	5.53331	5.912855	23.49801	59.37384	0	12.27535	71.64919	0.00861	0	0.00074	0.009351	0.039829	99.73756316	99738	41.10						2
0	2.000194	2.666758	1.248928	0	0.834185	2.083112	2.748199	0	9.86094	12.60914	8.910775	2.192306	6.563309	30.27553	4.009951	0	10.79649	14.80644	8.910775	2.192306	6.563309	32.47283	167.4391	0	78.61749	246.0566	0.701595	0	0.021626	0.72322	6.380995	7714.197378	7714197	20.31						2
0	0	0.001872	0.175267	0	0	0.175267	0.040295	0	0	0.040295	0	0	0	0.040295	0.045873	0	0	0.045873	0	0	0	0.045873	0.716885	0	0	0.716885	0.010541	0	0	0.010541	0.008366	99.37498833			99375	24.64				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.007891	0.008811	0.00114	0	0.003892	0.005032	0.002931	0	0.032344	0.035275	0.017009	0.005948	0.005335	0.063567	0.004277	0	0.035413	0.03969	0.017009	0.005948	0.005335	0.067982	0.446671	0	0.248251	0.694922	0.002738	0	0.000171	0.002909	0.040546	31.03303149								
0	0.00031	0.009218	0.0177	0	0.0004	0.0181	0.037614	0	0.001254	0.038868	0.390761	0.095449	0.002282	0.52736	0.054886	0	0.001373	0.056259	0.390761	0.095449	0.002282	0.544751	0.939145	0	0.027216	0.966361	0.0143	0	2.6E-06	0.014303	0.034936	152.5612128	152561	4.63						2
0	0	0.001742	0.060166	0	0	0.060166	0.037505	0	0	0.037505	0	0	0	0.037505	0.042697	0	0	0.042697	0	0	0	0.042697	0.13679	0	0	0.13679	0.003619	0	0	0.003619	0.053512	34.11379157			34114	9.71				3
0.013683	0.046286	0.087649	0.050344	0.000383	0.033231	0.083958	0.133964	0.052273	0.248057	0.434293	0.140606	0.032783	0.263647	0.871329	0.195479	0.076277	0.271591	0.543347	0.140606	0.032783	0.263647	0.980382	3.061443	0.761651	5.252684	9.075778	0.04613	0.000272	0.000459	0.046861	0.12571	499.8452491	499845	5.07						2
0.003223	0	0.015214	2.363983	0.110352	0	2.474335	0.258159	0.069397	0	0.327557	0	0	0	0.327557	0.293895	0.079003	0	0.372898	0	0	0	0.372898	1.090167	2.359866	0	3.450033	0.142085	0.006633	0	0.148717	2.899911	1402.92464			1402925	8.80				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.065734	0	0.179527	0.032536	0.004255	0	0.036791	0.001626	0.000939	0	0.002565	0	0	0	0.002565	0.116135	0.067086	0	0.183221	0	0	0	0.183221	0.453007	0.143873	0	0.59688	0	0	0	0	0.187606	20.8601984					20860	7.70		
0.002626	0.009615	0.019529	0.013291	6.87E-05	0.008143	0.021503	0.035684	0.010047	0.051325	0.097056	0.047906	0.010591	0.052994	0.208548	0.05207	0.01466	0.056195	0.122925	0.047906	0.010591	0.052994	0.234417	0.830576	0.077784	1.063639	1.972	0.009872	5.03E-05	8.37E-05	0.010006	0.026384	106.732235	106732	4.99						2
0.000481	0	0.002929	0.171141	0.004692	0	0.175833	0.052708	0.010346	0	0.063054	0	0	0	0.063054	0.060004	0.011778	0	0.071782	0	0	0	0.071782	0.173465	0.160412	0	0.333877	0.010286	0.000282	0	0.010568	0.170651	99.69544013			99695	7.33				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003725	0	0.035124	0.009305	0.000214	0	0.009519	0.000449	5.32E-05	0	0.000502	0	0	0	0.000502	0.032045	0.003802	0	0.035847	0	0	0	0.035847	0.136222	0.0062	0	0.142422	0	0	0	0	0.053371	5.397444151					5397	8.46		
0.018041	0.002199	0.025328	0.011551	0.0006	0.001968	0.01412	0.02482	0.077549	0.012508	0.114877	0.017961	0.00412	0.011315	0.148273	0.036217	0.113159	0.013695	0.163071	0.017961	0.00412	0.011315	0.196467	0.577426	0.599575	0.290602	1.467602	0.003254	0.000187	1.66E-05	0.003457	0.017441	36.87914302	36879	9.53						2
0.000164	0	0.001793	0.084188	0.007433	0	0.091621	0.035073	0.003536	0	0.038609	0	0	0	0.038609	0.039928	0.004026	0	0.043953	0	0	0	0.043953	0.100437	0.091369	0	0.191806	0.00506	0.000447	0	0.005507	0.064011	51.94807355			51948	8.02				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.073549	0	0.583173	0.039645	0.004363	0	0.044008	0.007282	0.001051	0	0.008332	0	0	0	0.008332	0.520108	0.075062	0	0.595171	0	0	0	0.595171	1.702692	0.125682	0	1.828374	0	0	0	0	0.132435	24.95216663					24952	4.54		
0	0.001089	0.001874	0.00325	0	0.000927	0.004178	0.002449	0	0.004464	0.006913	0.001539	0.000471	0.001276	0.010199	0.003573	0	0.004888	0.008461	0.001539	0.000471	0.001276	0.011747	0.119732	0	0.10112	0.220852	0.003499	0	9.59E-06	0.003509	0.012196	37.42783935	37428	6.57						2
0	0	0.001189	0.073339	0	0	0.073339	0.025603	0	0	0.025603	0	0	0	0.025603	0.029147	0	0	0.029147	0	0	0	0.029147	0.029527	0	0	0.029527	0.004411	0	0	0.004411	0.083701	41.58238026			41582	8.30				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.973577	0.429543	0	0	0.429543	0.043447	0	0	0.043447	0	0	0	0.043447	3.035802	0	0	3.035802	0	0	0	3.035802	39.68673	0	0	39.68673	0	0	0	0	0.980891	243.5466164					243547	3.77		
0	2.53E-07	0.001047	0.001391	0	1.68E-05	0.001408	0.005488	0	1.33E-06	0.005489	0.000566	0.000152	0.001322	0.007529	0.008008	0	1.46E-06	0.00801	0.000566	0.000152	0.001322	0.010049	0.27826	0	0.010158	0.288418	0.000175	0	1.07E-06	0.000176	0.000384	1.882336871	1882	4.12						2
0.105192	0	0.13659	11.7028	0.789733	0	12.49253	0.67598	2.264764	0	2.940743	0	0	0	2.940743	0.769551	2.578261	0	3.347812	0	0	0	3.347812	2.975671	33.20699	0	36.18266	0.703384	0.047466	0	0.75085	10.72731	7083.148124			7083148	6.32				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.525309	0	2.674886	0.356168	0.039755	0	0.395923	0.05085	0.008273	0	0.059123	0	0	0	0.059123	2.216743	0.536991	0	2.753733	0	0	0	2.753733	13.06727	1.478905	0	14.54618	0	0	0	0	1.116566	224.4844335					224484	5.70		
0	3.916933	5.020514	2.273476	0	1.985479	4.258955	4.009724	0	17.37197	21.3817	20.35681	5.521635	14.88224	62.14238	5.850979	0	19.02012	24.8711	20.35681	5.521635	14.88224	65.63178	367.1455	0	175.6724	542.8179	1.45386	0	0.042055	1.495915	20.40529	15956.11242	15956112	31.21						2
0	0	0.00136	0.041959	0	0	0.041959	0.029288	0	0	0.029288	0	0	0	0.029288	0.033342	0	0	0.033342	0	0	0	0.033342	0.417299	0	0	0.417299	0.002524	0	0	0.002524	0.003512	23.79063699			23791	43.20				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.080924	0.090486	0.011857	0	0.039944	0.051801	0.030436	0	0.331314	0.361751	0.234917	0.081797	0.082706	0.761171	0.044413	0	0.362747	0.40716	0.234917	0.081797	0.082706	0.80658	4.622258	0	2.543263	7.165521	0.028368	0	0.00121	0.029578	0.401627	315.4974984								
0	0.59916	0.902437	0.435803	0	0.223665	0.659468	1.340147	0	3.091413	4.431561	4.152274	1.078555	3.116001	12.77839	1.95554	0	3.384708	5.340248	4.152274	1.078555	3.116001	13.68708	67.00458	0	30.02384	97.02842	0.147741	0	0.004864	0.152605	1.748357	1627.75757	1627758	25.65						2
0	0	4.9E-05	0.000247	0	0	0.000247	0.001055	0	0	0.001055	0	0	0	0.001055	0.001201	0	0	0.001201	0	0	0	0.001201	0.007556	0	0	0.007556	1.49E-05	0	0	1.49E-05	1.18E-05	0.140074921			140	24.72				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000716	0.0008	0.000104	0	0.000353	0.000457	0.000269	0	0.002933	0.003203	0.001227	0.000412	0.000352	0.005193	0.000393	0	0.003212	0.003605	0.001227	0.000412	0.000352	0.005595	0.040871	0	0.022506	0.063376	0.00025	0	1.14E-05	0.000262	0.003689	2.790125652								
0	2.381884	3.130148	1.504277	0	1.154804	2.659081	2.834936	0	10.72913	13.56407	10.26963	2.619429	7.474899	33.92802	4.136732	0	11.74705	15.88378	10.26963	2.619429	7.474899	36.24774	221.3665	0	105.054	326.4206	0.922153	0	0.026902	0.949055	10.9693	10123.05145	10123051	25.56						2
0	0	0.000769	0.050222	0	0	0.050222	0.016555	0	0	0.016555	0	0	0	0.016555	0.018846	0	0	0.018846	0	0	0	0.018846	0.168994	0	0	0.168994	0.00302	0	0	0.00302	0.003297	28.47517578			28475	33.88				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.014164	0.015815	0.002038	0	0.00698	0.009018	0.005264	0	0.058111	0.063375	0.026507	0.008958	0.007931	0.106771	0.007681	0	0.063624	0.071305	0.026507	0.008958	0.007931	0.114701	0.79949	0	0.446019	1.245508	0.0049	0	0.000246	0.005146	0.072337	54.88967716								
0.061795	0.260192	0.450671	0.1758	0.001658	0.412569	0.590028	0.635534	0.222775	1.275239	2.133548	1.649905	0.390517	2.293617	6.467586	0.92737	0.325073	1.396226	2.648668	1.649905	0.390517	2.293617	6.982707	22.3934	2.136327	26.96875	51.49847	0.154548	0.000658	0.002148	0.157353	0.969857	1678.399725	1678400	11.66						2
0.002121	0	0.109393	1.402816	0.008554	0	1.411371	2.309505	0.045666	0	2.355171	0	0	0	2.355171	2.629218	0.051988	0	2.681206	0	0	0	2.681206	6.590437	0.378505	0	6.968942	0.084369	0.000514	0	0.084884	2.719203	800.233938			800234	17.70				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.008682	0.035483	0.054387	0.022287	0.000229	0.057519	0.080035	0.045901	0.031246	0.170695	0.247841	0.215854	0.049874	0.280793	0.794362	0.066978	0.045594	0.186889	0.299461	0.215854	0.049874	0.280793	0.845982	2.128118	0.301867	3.621342	6.051327	0.02351	0.000108	0.000296	0.023913	0.131203	255.068242	255068	10.37						2
0.000875	0	0.03986	0.70162	0.005605	0	0.707225	0.83934	0.018833	0	0.858173	0	0	0	0.858173	0.955533	0.02144	0	0.976973	0	0	0	0.976973	2.20889	0.156096	0	2.364986	0.042197	0.000337	0	0.042534	1.23771	400.9898503			400990	14.90				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.270861	1.045037	0.177927	0	0.011902	0.18983	5.040238	0	2.011368	7.051606	3.57201	5.552682	5.957395	22.13369	6.089701	0	2.186929	8.27663	3.57201	5.552682	5.957395	23.35872	57.82753	0	12.2579	70.08543	0.00859	0	0.000727	0.009317	0.039978	99.37635428	99376	41.23						2
0	1.872137	2.478838	1.155991	0	0.806332	1.962323	2.466747	0	9.115271	11.58202	8.765207	2.11788	6.445271	28.91038	3.599471	0	9.980075	13.57955	8.765207	2.11788	6.445271	30.9079	157.6492	0	74.58073	232.2299	0.68793	0	0.021165	0.709096	6.49523	7563.535072	7563535	20.75						2
0	0	0.001708	0.168642	0	0	0.168642	0.03678	0	0	0.03678	0	0	0	0.03678	0.041872	0	0	0.041872	0	0	0	0.041872	0.687239	0	0	0.687239	0.010143	0	0	0.010143	0.008164	95.61856251			95619	24.99				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.008988	0.010006	0.001256	0	0.004417	0.005673	0.003255	0	0.036981	0.040235	0.019654	0.006735	0.006294	0.072918	0.004749	0	0.040489	0.045238	0.019654	0.006735	0.006294	0.077921	0.495625	0	0.283844	0.779469	0.003038	0	0.000193	0.003231	0.044971	34.46037643								
0	0.000293	0.007882	0.015993	0	0.000393	0.016387	0.031227	0	0.001172	0.032399	0.360225	0.086186	0.00208	0.480891	0.045566	0	0.001283	0.04685	0.360225	0.086186	0.00208	0.495341	0.75262	0	0.025295	0.777915	0.013757	0	2.47E-06	0.013759	0.033645	146.7634765	146763	4.63						2
0	0	0.001686	0.059588	0	0	0.059588	0.036302	0	0	0.036302	0	0	0	0.036302	0.041327	0	0	0.041327	0	0	0	0.041327	0.131675	0	0	0.131675	0.003584	0	0	0.003584	0.054502	33.78563424			33786	9.71				3
0.013446	0.044184	0.08109	0.044526	0.00037	0.032139	0.077035	0.112074	0.051149	0.234491	0.397715	0.133543	0.030443	0.248035	0.809735	0.163539	0.074636	0.256738	0.494913	0.133543	0.030443	0.248035	0.906934	2.524775	0.744971	4.942596	8.212343	0.044616	0.000264	0.000442	0.045322	0.122765	483.4296976	483430	5.12						2
0.003142	0	0.013726	2.358667	0.110925	0	2.469592	0.227861	0.067655	0	0.295516	0	0	0	0.295516	0.259403	0.07702	0	0.336423	0	0	0	0.336423	1.00632	2.393696	0	3.400017	0.141765	0.006667	0	0.148432	2.922738	1400.235601			1400236	8.85				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.068452	0	0.186265	0.033389	0.004478	0	0.037867	0.001683	0.000978	0	0.002661	0	0	0	0.002661	0.120237	0.06986	0	0.190098	0	0	0	0.190098	0.464186	0.154179	0	0.618365	0	0	0	0	0.193391	21.47004175					21470	7.71		
0.002528	0.009186	0.017988	0.011785	6.49E-05	0.007854	0.019704	0.030513	0.00968	0.049073	0.089266	0.047471	0.010223	0.052443	0.199404	0.044524	0.014125	0.053729	0.112378	0.047471	0.010223	0.052443	0.222516	0.709882	0.074939	1.013932	1.798753	0.00923	4.82E-05	8E-05	0.009358	0.024935	99.81703547	99817	5.04						2
0.000497	0	0.002869	0.169913	0.004799	0	0.174712	0.051077	0.010699	0	0.061775	0	0	0	0.061775	0.058147	0.01218	0	0.070326	0	0	0	0.070326	0.168642	0.166227	0	0.334869	0.010212	0.000288	0	0.010501	0.171642	99.05986041			99060	7.41				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003807	0	0.036258	0.009373	0.000221	0	0.009594	0.000464	5.44E-05	0	0.000518	0	0	0	0.000518	0.033119	0.003886	0	0.037004	0	0	0	0.037004	0.138553	0.006691	0	0.145244	0	0	0	0	0.054372	5.439828949					5440	8.55		
0.018236	0.002202	0.025097	0.011102	0.000599	0.002018	0.013719	0.022647	0.078296	0.012485	0.113428	0.018564	0.00413	0.011576	0.147697	0.033047	0.114249	0.01367	0.160966	0.018564	0.00413	0.011576	0.195234	0.533401	0.605235	0.284889	1.423525	0.003265	0.000188	1.66E-05	0.00347	0.017563	37.01306609	37013	9.57						2
0.000161	0	0.001697	0.082641	0.00732	0	0.089961	0.033054	0.003476	0	0.03653	0	0	0	0.03653	0.03763	0.003957	0	0.041586	0	0	0	0.041586	0.095655	0.093378	0	0.189033	0.004967	0.00044	0	0.005407	0.065509	51.00724368			51007	8.06				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.075424	0	0.58982	0.040242	0.004506	0	0.044748	0.00735	0.001078	0	0.008427	0	0	0	0.008427	0.524978	0.076976	0	0.601955	0	0	0	0.601955	1.709551	0.131858	0	1.841409	0	0	0	0	0.135211	25.37196445					25372	4.56		
0	0.00107	0.001831	0.003211	0	0.000898	0.004109	0.002376	0	0.004399	0.006775	0.001411	0.000423	0.00125	0.009859	0.003467	0	0.004816	0.008283	0.001411	0.000423	0.00125	0.011368	0.120476	0	0.100933	0.221409	0.003447	0	9.5E-06	0.003457	0.012174	36.87135229	36871	6.66						2
0	0	0.001156	0.071195	0	0	0.071195	0.024892	0	0	0.024892	0	0	0	0.024892	0.028338	0	0	0.028338	0	0	0	0.028338	0.028687	0	0	0.028687	0.004282	0	0	0.004282	0.08197	40.36693625			40367	8.37				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.060033	0.419733	0	0	0.419733	0.044665	0	0	0.044665	0	0	0	0.044665	3.124018	0	0	3.124018	0	0	0	3.124018	40.18023	0	0	40.18023	0	0	0	0	0.967364	237.9844921					237984	3.80		
0	2.26E-07	0.00092	0.001267	0	1.27E-05	0.001279	0.004708	0	1.19E-06	0.004709	0.000472	0.000124	0.001082	0.006387	0.00687	0	1.3E-06	0.006871	0.000472	0.000124	0.001082	0.008549	0.25203	0	0.009187	0.261217	0.000165	0	9.51E-07	0.000166	0.000369	1.76742185	1767	4.21						2
0.1069	0	0.137877	11.62907	0.788298	0	12.41737	0.666932	2.301519	0	2.96845	0	0	0	2.96845	0.759251	2.620104	0	3.379355	0	0	0	3.379355	2.880467	33.7799	0	36.66037	0.698953	0.04738	0	0.746333	10.86929	7040.530691			7040531	6.43				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								

0.525007	0	2.587362	0.358405	0.040622	0	0.399026	0.047602	0.008192	0	0.055794	0	0	0	0.055794	2.125446	0.536595	0	2.662041	0	0	0	2.662041	12.84928	1.5187	0	14.36798	0	0	0	0	1.133199	226.2440539					226244	5.75		
0	3.706269	4.728985	2.186738	0	1.9359	4.122638	3.658721	0	16.30492	19.96364	19.85887	5.283563	14.54196	59.64803	5.338798	0	17.85183	23.19063	19.85887	5.283563	14.54196	62.87502	350.9637	0	166.9388	517.9026	1.420831	0	0.041035	1.461866	20.72131	15592.92613	15592926	31.81						2
0	0	0.001118	0.036997	0	0	0.036997	0.024071	0	0	0.024071	0	0	0	0.024071	0.027403	0	0	0.027403	0	0	0	0.027403	0.358635	0	0	0.358635	0.002225	0	0	0.002225	0.003143	20.97701232			20977	43.85				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.084657	0.094376	0.012017	0	0.041645	0.053662	0.03104	0	0.347834	0.378874	0.259157	0.086451	0.095081	0.819563	0.045294	0	0.380834	0.426128	0.259157	0.086451	0.095081	0.866817	4.714533	0	2.670209	7.384741	0.028936	0	0.001256	0.030192	0.412473	322.0390007								
0	0.550358	0.819841	0.395154	0	0.212751	0.607905	1.182776	0	2.812178	3.994954	3.978466	1.012236	2.959065	11.94472	1.725904	0	3.078981	4.804885	3.978466	1.012236	2.959065	12.75465	60.94358	0	27.4282	88.37178	0.142296	0	0.004659	0.146955	1.726431	1567.488022	1567488	26.11						2
0	0	3.36E-05	0.000149	0	0	0.000149	0.000723	0	0	0.000723	0	0	0	0.000723	0.000823	0	0	0.000823	0	0	0	0.000823	0.005113	0	0	0.005113	8.94E-06	0	0	8.94E-06	7.37E-06	0.084309079			84	25.59				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.000892	0.000995	0.000127	0	0.000439	0.000566	0.000329	0	0.003664	0.003994	0.00153	0.00051	0.000436	0.006469	0.000481	0	0.004012	0.004493	0.00153	0.00051	0.000436	0.006968	0.050007	0	0.028116	0.078123	0.000306	0	1.41E-05	0.00032	0.004515	3.416217137								
0	2.30432	3.014243	1.453232	0	1.149035	2.602267	2.652737	0	10.28622	12.93895	10.09038	2.543541	7.33901	32.91188	3.870868	0	11.26211	15.13298	10.09038	2.543541	7.33901	35.10591	215.5255	0	102.0683	317.5938	0.915956	0	0.026736	0.942692	11.26998	10055.18308	10055183	26.08						2
0	0	0.000773	0.050139	0	0	0.050139	0.016633	0	0	0.016633	0	0	0	0.016633	0.018936	0	0	0.018936	0	0	0	0.018936	0.170852	0	0	0.170852	0.003016	0	0	0.003016	0.003351	28.42856825			28429	34.49				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.015961	0.01777	0.002228	0	0.00784	0.010068	0.00579	0	0.065706	0.071496	0.030216	0.01016	0.009133	0.121004	0.008449	0	0.07194	0.080388	0.030216	0.01016	0.009133	0.129897	0.879321	0	0.504331	1.383651	0.00539	0	0.000275	0.005665	0.079594	60.4301199								
0.0599	0.249106	0.423245	0.157575	0.001622	0.399966	0.559163	0.559666	0.214861	1.216779	1.991306	1.5699	0.368085	2.184714	6.114005	0.816663	0.313525	1.33222	2.462408	1.5699	0.368085	2.184714	6.585106	21.06988	2.112729	26.90114	50.08375	0.150145	0.000645	0.002117	0.152908	0.957269	1630.983452	1630983	11.83						2
0.002094	0	0.101515	1.37121	0.008375	0	1.379586	2.140463	0.045092	0	2.185555	0	0	0	2.185555	2.436774	0.051334	0	2.488109	0	0	0	2.488109	6.041795	0.373747	0	6.415542	0.082468	0.000504	0	0.082972	2.742843	782.2121074			782212	17.79				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.008341	0.033661	0.050719	0.019806	0.000221	0.055421	0.075448	0.038469	0.029902	0.161119	0.22949	0.209424	0.047121	0.271212	0.757247	0.056134	0.043632	0.176405	0.276172	0.209424	0.047121	0.271212	0.803929	1.981033	0.2966	3.567255	5.844888	0.022672	0.000105	0.000289	0.023065	0.128314	246.0243788	246024	10.51						2
0.000878	0	0.038001	0.692233	0.005585	0	0.697818	0.799229	0.018911	0	0.818141	0	0	0	0.818141	0.909869	0.021529	0	0.931399	0	0	0	0.931399	2.095971	0.156747	0	2.252718	0.041633	0.000336	0	0.041969	1.250489	395.6561757			395656	15.01				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.265358	1.022864	0.175717	0	0.011518	0.187234	4.894199	0	1.963037	6.857236	3.555747	5.572939	5.989125	21.97505	5.932136	0	2.134596	8.066732	3.555747	5.572939	5.989125	23.18454	56.39745	0	12.25241	68.64986	0.008565	0	0.000715	0.00928	0.040109	98.98491731	98985	41.36						2
0	1.760394	2.31589	1.077702	0	0.784089	1.861791	2.2263	0	8.468824	10.69512	8.524652	2.032093	6.250937	27.50281	3.248612	0	9.272296	12.52091	8.524652	2.032093	6.250937	29.32859	149.4608	0	71.10039	220.5612	0.674796	0	0.020745	0.695542	6.600732	7418.964015	7418964	21.18						2
0	0	0.001566	0.161731	0	0	0.161731	0.033723	0	0	0.033723	0	0	0	0.033723	0.038391	0	0	0.038391	0	0	0	0.038391	0.653735	0	0	0.653735	0.009727	0	0	0.009727	0.007952	91.69978664			91700	25.38				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.010088	0.0112	0.001369	0	0.004942	0.006311	0.003569	0	0.041646	0.045215	0.023234	0.007664	0.007767	0.083879	0.005207	0	0.045597	0.050805	0.023234	0.007664	0.007767	0.089469	0.543334	0	0.319664	0.862998	0.00333	0	0.000215	0.003545	0.049297	37.81094896								
0	0.000278	0.006725	0.014491	0	0.000386	0.014877	0.02571	0	0.001099	0.026809	0.328789	0.077347	0.001879	0.434823	0.037516	0	0.001203	0.038719	0.328789	0.077347	0.001879	0.446733	0.592933	0	0.023576	0.616509	0.013249	0	2.35E-06	0.013251	0.032447	141.346114	141346	4.63						2
0	0	0.00163	0.058988	0	0	0.058988	0.035094	0	0	0.035094	0	0	0	0.035094	0.039952	0	0	0.039952	0	0	0	0.039952	0.126589	0	0	0.126589	0.003548	0	0	0.003548	0.055405	33.44583778			33446	9.71				3
0.013165	0.042138	0.075256	0.039074	0.000356	0.03058	0.07001	0.093967	0.049915	0.221491	0.365373	0.126507	0.028155	0.233263	0.753298	0.137116	0.072836	0.242504	0.452457	0.126507	0.028155	0.233263	0.840382	2.077245	0.726747	4.639119	7.443112	0.042945	0.000256	0.000425	0.043625	0.119283	465.3284236	465328	5.17						2
0.003068	0	0.012439	2.339475	0.110961	0	2.450436	0.201744	0.066063	0	0.267807	0	0	0	0.267807	0.22967	0.075208	0	0.304878	0	0	0	0.304878	0.93276	2.416209	0	3.348969	0.140612	0.006669	0	0.147281	2.92774	1389.374085			1389374	8.90				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.070714	0	0.191788	0.034037	0.00467	0	0.038707	0.00173	0.00101	0	0.00274	0	0	0	0.00274	0.123565	0.072169	0	0.195734	0	0	0	0.195734	0.473023	0.163349	0	0.636372	0	0	0	0	0.197748	21.9462489					21946	7.71		
0.002435	0.008816	0.01674	0.010432	6.13E-05	0.007461	0.017955	0.026633	0.009345	0.047223	0.083201	0.048036	0.010022	0.0531	0.194359	0.038863	0.013636	0.051703	0.104202	0.048036	0.010022	0.0531	0.21536	0.621386	0.07234	0.966307	1.660033	0.008636	4.63E-05	7.68E-05	0.008759	0.023553	93.42392026	93424	5.08						2
0.000511	0	0.002795	0.168722	0.004889	0	0.17361	0.049181	0.011004	0	0.060185	0	0	0	0.060185	0.055989	0.012527	0	0.068516	0	0	0	0.068516	0.163423	0.171361	0	0.334785	0.010141	0.000294	0	0.010435	0.172683	98.43547142			98435	7.49				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003875	0	0.037089	0.009396	0.000228	0	0.009623	0.000475	5.54E-05	0	0.00053	0	0	0	0.00053	0.033897	0.003955	0	0.037852	0	0	0	0.037852	0.13997	0.00712	0	0.14709	0	0	0	0	0.055156	5.456360481					5456	8.65		
0.018388	0.002205	0.024902	0.01069	0.000596	0.002047	0.013332	0.020904	0.078874	0.012464	0.112242	0.020468	0.004292	0.012838	0.14984	0.030503	0.115093	0.013646	0.159242	0.020468	0.004292	0.012838	0.196841	0.49369	0.609617	0.280602	1.383909	0.003271	0.000189	1.66E-05	0.003476	0.017648	37.07936866	37079	9.60						2
0.000158	0	0.001592	0.080829	0.007177	0	0.088005	0.030868	0.003411	0	0.034279	0	0	0	0.034279	0.03514	0.003883	0	0.039024	0	0	0	0.039024	0.090379	0.095141	0	0.18552	0.004858	0.000431	0	0.005289	0.066754	49.89821301			49898	8.10				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.077139	0	0.594771	0.040704	0.004638	0	0.045342	0.007396	0.001102	0	0.008498	0	0	0	0.008498	0.528281	0.078726	0	0.607007	0	0	0	0.607007	1.711938	0.137553	0	1.849491	0	0	0	0	0.137479	25.70821224					25708	4.58		
0	0.00105	0.001782	0.003157	0	0.000872	0.004029	0.002281	0	0.004324	0.006605	0.001362	0.000392	0.001255	0.009614	0.003328	0	0.004734	0.008062	0.001362	0.000392	0.001255	0.011071	0.120015	0	0.099451	0.219467	0.00337	0	9.33E-06	0.003379	0.012055	36.04012657	36040	6.74						2
0	0	0.001086	0.066293	0	0	0.066293	0.023391	0	0	0.023391	0	0	0	0.023391	0.026629	0	0	0.026629	0	0	0	0.026629	0.026981	0	0	0.026981	0.003987	0	0	0.003987	0.077549	37.58760334			37588	8.51				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.169	0.401561	0	0	0.401561	0.046193	0	0	0.046193	0	0	0	0.046193	3.235195	0	0	3.235195	0	0	0	3.235195	40.57631	0	0	40.57631	0	0	0	0	0.938313	227.6812891					227681	3.85		
0	1.99E-07	0.00078	0.001133	0	1.03E-05	0.001143	0.003798	0	1.05E-06	0.003799	0.000373	9.54E-05	0.000834	0.0051	0.005541	0	1.15E-06	0.005542	0.000373	9.54E-05	0.000834	0.006844	0.219364	0	0.007808	0.227172	0.000155	0	8.33E-07	0.000156	0.000354	1.658894972	1659	4.30						2
0.108348	0	0.138963	11.54539	0.785461	0	12.33085	0.659128	2.332707	0	2.991835	0	0	0	2.991835	0.750367	2.655609	0	3.405976	0	0	0	3.405976	2.796569	34.27002	0	37.06659	0.693923	0.047209	0	0.741133	10.99598	6991.475849			6991476	6.55				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.523219	0	2.493739	0.359317	0.041302	0	0.400618	0.044432	0.008096	0	0.052528	0	0	0	0.052528	2.029605	0.53469	0	2.564295	0	0	0	2.564295	12.59285	1.550973	0	14.14382	0	0	0	0	1.145923	227.1467367					227147	5.80		
0	3.514592	4.46879	2.113803	0	1.892084	4.005887	3.362002	0	15.34195	18.70396	19.13956	5.023199	14.01112	56.87784	4.905825	0	16.79751	21.70333	19.13956	5.023199	14.01112	59.87722	337.0652	0	159.0886	496.1538	1.391171	0	0.040097	1.431269	21.00848	15266.56283	15266563	32.37						2
0	0	0.000872	0.032576	0	0	0.032576	0.018771	0	0	0.018771	0	0	0	0.018771	0.02137	0	0	0.02137	0	0	0	0.02137	0.301368	0	0	0.301368	0.001959	0	0	0.001959	0.002806	18.4700947			18470	44.47				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.087978	0.097809	0.012124	0	0.043141	0.055265	0.031496	0	0.362691	0.394187	0.281201	0.090496	0.106317	0.872202	0.045959	0	0.397101	0.44306	0.281201	0.090496	0.106317	0.921075	4.784626	0	2.784389	7.569015	0.029369	0	0.001296	0.030665	0.421267	327.0834176								
0	0.505407	0.74399	0.357957	0	0.20277	0.560727	1.038273	0	2.554954	3.593226	3.737705	0.936776	2.747318	11.01503	1.515045	0	2.797353	4.312398	3.737705	0.936776	2.747318	11.7342	55.30741	0	25.0128	80.32022	0.137286	0	0.004468	0.141754	1.706609	1512.013938	1512014	26.56						2
0	0	1.69E-05	8.32E-05	0	0	8.32E-05	0.000365	0	0	0.000365	0	0	0	0.000365	0.000415	0	0	0.000415	0	0	0	0.000415	0.00259	0	0	0.00259	5E-06	0	0	5E-06	4.14E-06	0.047149154			47	25.73				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.001088	0.001212	0.000152	0	0.000535	0.000686	0.000396	0	0.004481	0.004877	0.00187	0.000622	0.000531	0.0079	0.000577	0	0.004906	0.005484	0.00187	0.000622	0.000531	0.008506	0.060051	0	0.034384	0.094435	0.000368	0	1.72E-05	0.000385	0.005425	4.105329706								
0	2.232839	2.909602	1.409462	0	1.145908	2.55537	2.49408	0	9.881192	12.37527	9.791476	2.457451	7.105116	31.72931	3.639355	0	10.81866	14.45802	9.791476	2.457451	7.105116	33.81206	210.6522	0	99.45977	310.1119	0.910093	0	0.026583	0.936676	11.54082	9991.010528	9991011	26.57						2
0	0	0.000777	0.050021	0	0	0.050021	0.016723	0	0	0.016723	0	0	0	0.016723	0.019038	0	0	0.019038	0	0	0	0.019038	0.17262	0	0	0.17262	0.003008	0	0	0.003008	0.003398	28.36164392			28362	35.06				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.0178	0.019768	0.002418	0	0.008717	0.011135	0.006316	0	0.073505	0.079821	0.035076	0.011669	0.010924	0.13749	0.009217	0	0.080478	0.089695	0.035076	0.011669	0.010924	0.147365	0.959283	0	0.56421	1.523493	0.005882	0	0.000305	0.006187	0.086882	65.9902282								
0.057952	0.236394	0.393781	0.139918	0.001582	0.387277	0.528777	0.481631	0.206793	1.145339	1.833763	1.450955	0.340182	2.020101	5.645002	0.702795	0.301752	1.254003	2.258549	1.450955	0.340182	2.020101	6.069788	19.17208	2.083748	26.46979	47.72562	0.145517	0.000632	0.002076	0.148225	0.940777	1581.03242	1581032	12.00						2
0.002065	0	0.094102	1.337391	0.008191	0	1.345583	1.981497	0.044462	0	2.02596	0	0	0	2.02596	2.255803	0.050617	0	2.30642	0	0	0	2.30642	5.540204	0.368525	0	5.908729	0.080434	0.000493	0	0.080927	2.750855	762.932727			762933	17.87				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.008002	0.031823	0.047247	0.017595	0.000213	0.05333	0.071139	0.032116	0.028573	0.151387	0.212076	0.19728	0.043905	0.254689	0.70795	0.046864	0.041694	0.165749	0.254308	0.19728	0.043905	0.254689	0.750181	1.841925	0.290867	3.504341	5.637133	0.021829	0.000102	0.000281	0.022213	0.125147	236.9309543	236931	10.65						2
0.000879	0	0.036214	0.680775	0.005551	0	0.686325	0.760733	0.018934	0	0.779667	0	0	0	0.779667	0.866044	0.021556	0	0.887599	0	0	0	0.887599	1.990752	0.156938	0	2.14769	0.040944	0.000334	0	0.041277	1.255855	389.1400213			389140	15.11				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.260382	1.002991	0.173746	0	0.011164	0.18491	4.763543	0	1.919266	6.682809	3.545414	5.595382	6.023567	21.84717	5.791118	0	2.087207	7.878325	3.545414	5.595382	6.023567	23.04269	55.11706	0	12.2557	67.37276	0.008544	0	0.000705	0.009249	0.04023	98.65116651	98651	41.48						2
0	1.662968	2.174793	1.011871	0	0.766688	1.778559	2.019771	0	7.908885	9.928655	8.156175	1.93762	5.956727	25.97918	2.947245	0	8.659233	11.60648	8.156175	1.93762	5.956727	27.657	142.216	0	68.09774	210.3138	0.662893	0	0.020364	0.683258	6.699263	7287.938298	7287938	21.60						2
0	0	0.001414	0.155238	0	0	0.155238	0.030448	0	0	0.030448	0	0	0	0.030448	0.034663	0	0	0.034663	0	0	0	0.034663	0.618223	0	0	0.618223	0.009336	0	0	0.009336	0.007749	88.01871033			88019	25.76				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.011206	0.012411	0.00148	0	0.005473	0.006953	0.00388	0	0.046402	0.050282	0.02539	0.008307	0.008433	0.092412	0.005662	0	0.050804	0.056467	0.02539	0.008307	0.008433	0.098596	0.5907	0	0.356179	0.946878	0.003621	0	0.000236	0.003858	0.053606	41.14726808								
0	0.000264	0.005539	0.013071	0	0.000379	0.01345	0.019896	0	0.001034	0.02093	0.293803	0.068359	0.001661	0.384753	0.029032	0	0.001132	0.030164	0.293803	0.068359	0.001661	0.393987	0.419549	0	0.021976	0.441525	0.012776	0	2.24E-06	0.012778	0.031304	136.3000559	136300	4.63						2
0	0	0.001575	0.058412	0	0	0.058412	0.033917	0	0	0.033917	0	0	0	0.033917	0.038613	0	0	0.038613	0	0	0	0.038613	0.121632	0	0	0.121632	0.003513	0	0	0.003513	0.056267	33.11890759			33119	9.71				3
0.012845	0.040137	0.069915	0.034183	0.000341	0.029145	0.06367	0.078374	0.048579	0.20895	0.335904	0.117474	0.025761	0.214866	0.694005	0.114364	0.070887	0.228774	0.414025	0.117474	0.025761	0.214866	0.772125	1.701155	0.70709	4.344683	6.752928	0.041149	0.000247	0.000408	0.041803	0.115319	445.894472	445894	5.21						2
0.002995	0	0.011328	2.306661	0.110368	0	2.417029	0.179403	0.064485	0	0.243888	0	0	0	0.243888	0.204236	0.073412	0	0.277648	0	0	0	0.277648	0.866891	2.424635	0	3.291526	0.138639	0.006634	0	0.145273	2.913401	1370.432696			1370433	8.95				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.072528	0	0.195901	0.034453	0.004829	0	0.039282	0.001763	0.001036	0	0.002799	0	0	0	0.002799	0.125911	0.07402	0	0.199931	0	0	0	0.199931	0.478686	0.171191	0	0.649877	0	0	0	0	0.200714	22.2723299					22272	7.71		
0.002339	0.008381	0.015494	0.009195	5.78E-05	0.00708	0.016333	0.023047	0.008996	0.044856	0.0769	0.046667	0.009573	0.051507	0.184647	0.03363	0.013128	0.049112	0.09587	0.046667	0.009573	0.051507	0.203617	0.536538	0.069637	0.915528	1.521702	0.00805	4.43E-05	7.33E-05	0.008168	0.022153	87.12505593	87125	5.13						2
0.000522	0	0.002693	0.167611	0.004953	0	0.172564	0.046758	0.011229	0	0.057987	0	0	0	0.057987	0.05323	0.012784	0	0.066014	0	0	0	0.066014	0.157437	0.175378	0	0.332815	0.010074	0.000298	0	0.010372	0.173789	97.84217791			97842	7.57				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003927	0	0.037711	0.0094	0.000232	0	0.009633	0.000483	5.61E-05	0	0.000539	0	0	0	0.000539	0.034479	0.004007	0	0.038487	0	0	0	0.038487	0.140999	0.007483	0	0.148482	0	0	0	0	0.055734	5.46167918					5462	8.73		
0.018502	0.002229	0.024775	0.010452	0.000591	0.002094	0.013136	0.019582	0.079318	0.012585	0.111486	0.022777	0.004548	0.014508	0.153319	0.028574	0.115741	0.013779	0.158094	0.022777	0.004548	0.014508	0.199928	0.460984	0.613017	0.277867	1.351869	0.003273	0.00019	1.66E-05	0.003479	0.017709	37.10525741	37105	9.62						2
0.000155	0	0.001481	0.078751	0.007002	0	0.085753	0.028544	0.00334	0	0.031884	0	0	0	0.031884	0.032496	0.003802	0	0.036298	0	0	0	0.036298	0.084691	0.096585	0	0.181276	0.004733	0.000421	0	0.005154	0.067691	48.6209929			48621	8.13				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.078633	0	0.597573	0.040996	0.004753	0	0.045749	0.007415	0.001124	0	0.008538	0	0	0	0.008538	0.529617	0.080251	0	0.609868	0	0	0	0.609868	1.708683	0.142615	0	1.851298	0	0	0	0	0.139117	25.93940431					25939	4.59		
0	0.001018	0.001736	0.003144	0	0.000844	0.003989	0.002234	0	0.004169	0.006403	0.001224	0.000346	0.001188	0.009161	0.00326	0	0.004564	0.007824	0.001224	0.000346	0.001188	0.010582	0.119913	0	0.098036	0.217949	0.003342	0	9.16E-06	0.003351	0.012029	35.74688567	35747	6.78						2
0	0	0.000998	0.060548	0	0	0.060548	0.021493	0	0	0.021493	0	0	0	0.021493	0.024468	0	0	0.024468	0	0	0	0.024468	0.024809	0	0	0.024809	0.003642	0	0	0.003642	0.071754	34.33015755			34330	8.62				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.293071	0.379006	0	0	0.379006	0.04794	0	0	0.04794	0	0	0	0.04794	3.36179	0	0	3.36179	0	0	0	3.36179	40.85228	0	0	40.85228	0	0	0	0	0.902843	214.8927803					214893	3.93		
0	1.7E-07	0.000696	0.001	0	8.71E-06	0.001009	0.003316	0	8.98E-07	0.003317	0.000291	7.17E-05	0.000628	0.004308	0.004839	0	9.83E-07	0.00484	0.000291	7.17E-05	0.000628	0.005831	0.207745	0	0.006676	0.214421	0.000146	0	7.32E-07	0.000147	0.00034	1.563869858	1564	4.38						2
0.109587	0	0.13985	11.45822	0.781832	0	12.24005	0.651566	2.359372	0	3.010938	0	0	0	3.010938	0.741759	2.685966	0	3.427724	0	0	0	3.427724	2.721591	34.6924	0	37.414	0.688684	0.046991	0	0.735676	11.10914	6939.995104			6939995	6.66				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.519315	0	2.393693	0.358672	0.041755	0	0.400427	0.041638	0.007986	0	0.049624	0	0	0	0.049624	1.929868	0.530644	0	2.460511	0	0	0	2.460511	12.27882	1.575063	0	13.85388	0	0	0	0	1.153567	227.0384939					227038	5.84		
0	3.336913	4.233092	2.052816	0	1.852883	3.905699	3.11113	0	14.44777	17.5589	18.63348	4.788071	13.65813	54.63858	4.539754	0	15.81849	20.35825	18.63348	4.788071	13.65813	57.43792	325.3407	0	151.9957	477.3364	1.364462	0	0.039241	1.403704	21.26057	14972.5392	14972539	32.90						2
0	0	0.000657	0.028586	0	0	0.028586	0.014151	0	0	0.014151	0	0	0	0.014151	0.01611	0	0	0.01611	0	0	0	0.01611	0.250134	0	0	0.250134	0.001719	0	0	0.001719	0.002501	16.20816454			16208	45.16				3

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.090893	0.100796	0.012186	0	0.044435	0.056621	0.031821	0	0.375887	0.407708	0.294287	0.092435	0.112685	0.907115	0.046434	0	0.411549	0.457983	0.294287	0.092435	0.112685	0.957389	4.835366	0	2.885815	7.721181	0.029683	0	0.00133	0.031013	0.428127	330.8019166								
0	0.463695	0.674526	0.323879	0	0.193514	0.517393	0.908325	0	2.31622	3.224544	3.513174	0.868775	2.562613	10.16911	1.325425	0	2.535969	3.861394	3.513174	0.868775	2.562613	10.80596	50.24462	0	22.75789	73.0025	0.132657	0	0.004289	0.136946	1.68773	1460.729539	1460730	27.00						2
0	0	4.41E-06	3.41E-05	0	0	3.41E-05	9.49E-05	0	0	9.49E-05	0	0	0	9.49E-05	0.000108	0	0	0.000108	0	0	0	0.000108	0.000677	0	0	0.000677	2.05E-06	0	0	2.05E-06	1.75E-06	0.01933489			19	26.44				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.001305	0.001451	0.000179	0	0.00064	0.000819	0.000468	0	0.005387	0.005855	0.002267	0.000751	0.000647	0.009521	0.000683	0	0.005898	0.006581	0.002267	0.000751	0.000647	0.010247	0.071027	0	0.041335	0.112362	0.000435	0	2.05E-05	0.000456	0.006419	4.859175713								
0	2.167137	2.815909	1.371977	0	1.144904	2.516882	2.359583	0	9.512108	11.87169	9.629324	2.38264	6.980365	30.86402	3.443098	0	10.41456	13.85766	9.629324	2.38264	6.980365	32.84999	206.7896	0	97.22455	304.0141	0.904339	0	0.026441	0.930781	11.78159	9928.128104	9928128	27.02						2
0	0	0.000781	0.049832	0	0	0.049832	0.016817	0	0	0.016817	0	0	0	0.016817	0.019145	0	0	0.019145	0	0	0	0.019145	0.174205	0	0	0.174205	0.002997	0	0	0.002997	0.003438	28.25451056			28255	35.61				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.01968	0.021807	0.002608	0	0.009612	0.012219	0.006845	0	0.081502	0.088347	0.039662	0.013043	0.012532	0.153583	0.009988	0	0.089234	0.099222	0.039662	0.013043	0.012532	0.164459	1.039651	0	0.625615	1.665266	0.006375	0	0.000336	0.006711	0.094207	71.58438947								
0.056015	0.223172	0.360501	0.122844	0.00154	0.374837	0.499221	0.381294	0.198834	1.068003	1.64813	1.341438	0.313581	1.865549	5.168699	0.556383	0.290138	1.169329	2.015849	1.341438	0.313581	1.865549	5.536418	16.96154	2.051311	25.98558	44.99843	0.140763	0.000618	0.002032	0.143412	0.921601	1529.7009	1529701	12.15						2
0.002032	0	0.087038	1.300942	0.007997	0	1.308939	1.830134	0.04375	0	1.873884	0	0	0	1.873884	2.083486	0.049806	0	2.133292	0	0	0	2.133292	5.075937	0.362622	0	5.438559	0.078242	0.000481	0	0.078723	2.743774	742.1560579			742156	17.95				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.007669	0.030084	0.044046	0.015669	0.000206	0.051248	0.067123	0.026522	0.027284	0.14221	0.196016	0.186284	0.041064	0.240262	0.663626	0.038701	0.039812	0.155702	0.234216	0.186284	0.041064	0.240262	0.701826	1.718204	0.28484	3.442132	5.445176	0.02099	9.95E-05	0.000274	0.021364	0.121764	227.8743423	227874	10.77						2
0.000878	0	0.034484	0.667225	0.005502	0	0.672727	0.723525	0.018895	0	0.742421	0	0	0	0.742421	0.823686	0.021511	0	0.845196	0	0	0	0.845196	1.89109	0.156612	0	2.047702	0.040129	0.000331	0	0.04046	1.25394	381.4299218			381430	15.20				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.255489	0.984258	0.171932	0	0.010796	0.182729	4.642231	0	1.876282	6.518514	3.476268	5.608804	6.029679	21.63327	5.659961	0	2.040669	7.700631	3.476268	5.608804	6.029679	22.81538	53.92673	0	12.24763	66.17436	0.008523	0	0.000694	0.009217	0.040337	98.31221723	98312	41.60						2
0	1.578372	2.055757	0.95812	0	0.753291	1.711411	1.85817	0	7.425968	9.284138	7.864676	1.852909	5.72718	24.7289	2.711437	0	8.1305	10.84194	7.864676	1.852909	5.72718	26.2867	136.7897	0	65.53137	202.321	0.652149	0	0.020024	0.672173	6.790644	7169.70722	7169707	21.99						2
0	0	0.001286	0.149018	0	0	0.149018	0.02768	0	0	0.02768	0	0	0	0.02768	0.031511	0	0	0.031511	0	0	0	0.031511	0.585452	0	0	0.585452	0.008962	0	0	0.008962	0.007551	84.4917565			84492	26.15				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.012327	0.013624	0.001589	0	0.006005	0.007594	0.004187	0	0.051191	0.055378	0.027549	0.008981	0.00909	0.100998	0.006109	0	0.056048	0.062157	0.027549	0.008981	0.00909	0.107777	0.637258	0	0.392951	1.030208	0.003907	0	0.000258	0.004166	0.057846	44.43339544								
0	0.00025	0.004643	0.011893	0	0.000372	0.012265	0.015631	0	0.000966	0.016596	0.263081	0.060501	0.001472	0.341651	0.022808	0	0.001058	0.023866	0.263081	0.060501	0.001472	0.34892	0.292864	0	0.020502	0.313366	0.012369	0	2.14E-06	0.012371	0.03032	131.9581945	131958	4.63						2
0	0	0.001522	0.057872	0	0	0.057872	0.032775	0	0	0.032775	0	0	0	0.032775	0.037312	0	0	0.037312	0	0	0	0.037312	0.116826	0	0	0.116826	0.003481	0	0	0.003481	0.057096	32.81294554			32813	9.71				3
0.012482	0.038274	0.065229	0.030311	0.000327	0.027683	0.05832	0.065801	0.047137	0.197668	0.310607	0.10915	0.023599	0.198188	0.641544	0.096017	0.068783	0.216422	0.381221	0.10915	0.023599	0.198188	0.712158	1.402441	0.685936	4.072144	6.160521	0.039228	0.000237	0.000391	0.039856	0.110861	425.1220064	425122	5.26						2
0.00292	0	0.010353	2.260363	0.109159	0	2.369522	0.160024	0.062869	0	0.222892	0	0	0	0.222892	0.182175	0.071571	0	0.253746	0	0	0	0.253746	0.807426	2.41898	0	3.226406	0.135857	0.006561	0	0.142418	2.880436	1343.497004			1343497	9.00				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.073906	0	0.198649	0.034635	0.004957	0	0.039592	0.001782	0.001056	0	0.002838	0	0	0	0.002838	0.127309	0.075426	0	0.202735	0	0	0	0.202735	0.481069	0.177833	0	0.658902	0	0	0	0	0.202253	22.44838877					22448	7.71		
0.002242	0.007958	0.014334	0.008125	5.44E-05	0.006688	0.014867	0.019802	0.008647	0.042581	0.07103	0.044953	0.009104	0.049515	0.174602	0.028894	0.012618	0.046621	0.088133	0.044953	0.009104	0.049515	0.191705	0.460592	0.066926	0.868326	1.395844	0.007484	4.24E-05	7E-05	0.007597	0.020768	81.0295145	81030	5.17						2
0.000528	0	0.002611	0.166812	0.004976	0	0.171788	0.044851	0.011357	0	0.056209	0	0	0	0.056209	0.05106	0.012929	0	0.063989	0	0	0	0.063989	0.152711	0.177823	0	0.330534	0.010026	0.000299	0	0.010325	0.174875	97.40199531			97402	7.64				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003963	0	0.038194	0.009398	0.000236	0	0.009634	0.000489	5.66E-05	0	0.000546	0	0	0	0.000546	0.034935	0.004045	0	0.03898	0	0	0	0.03898	0.14188	0.007779	0	0.149659	0	0	0	0	0.056211	5.462280006					5462	8.81		
0.018529	0.00222	0.024434	0.009999	0.000585	0.002133	0.012716	0.017793	0.079366	0.012491	0.10965	0.02342	0.004622	0.014988	0.15268	0.025963	0.115811	0.013676	0.15545	0.02342	0.004622	0.014988	0.19848	0.417016	0.613367	0.272939	1.303322	0.003258	0.000189	1.65E-05	0.003463	0.01768	36.9422868	36942	9.65						2
0.000152	0	0.001363	0.076417	0.006799	0	0.083216	0.026088	0.003264	0	0.029352	0	0	0	0.029352	0.029699	0.003715	0	0.033415	0	0	0	0.033415	0.078633	0.097724	0	0.176357	0.004593	0.000409	0	0.005002	0.068305	47.18248567			47182	8.17				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.07988	0	0.597952	0.041102	0.004853	0	0.045955	0.007402	0.001141	0	0.008544	0	0	0	0.008544	0.528731	0.081523	0	0.610254	0	0	0	0.610254	1.698825	0.147077	0	1.845902	0	0	0	0	0.140081	26.0559412					26056	4.60		
0	0.001013	0.001683	0.003068	0	0.000826	0.003894	0.002089	0	0.004155	0.006244	0.001295	0.000343	0.001259	0.009141	0.003049	0	0.004549	0.007598	0.001295	0.000343	0.001259	0.010495	0.118674	0	0.09543	0.214104	0.003196	0	8.89E-06	0.003205	0.011746	34.18459607	34185	6.93						2
0	0	0.000859	0.051353	0	0	0.051353	0.018484	0	0	0.018484	0	0	0	0.018484	0.021042	0	0	0.021042	0	0	0	0.021042	0.021372	0	0	0.021372	0.003089	0	0	0.003089	0.062456	29.1167895			29117	8.85				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	3.161074	0.342087	0	0	0.342087	0.046081	0	0	0.046081	0	0	0	0.046081	3.227108	0	0	3.227108	0	0	0	3.227108	38.5561	0	0	38.5561	0	0	0	0	0.827456	193.9602293					193960	3.99		
0	1.54E-07	0.000639	0.000928	0	5.6E-06	0.000933	0.00299	0	8.09E-07	0.002991	0.00024	5.62E-05	0.000501	0.003788	0.004363	0	8.86E-07	0.004364	0.00024	5.62E-05	0.000501	0.005161	0.200664	0	0.006067	0.20673	0.000138	0	6.59E-07	0.000139	0.000328	1.48194172	1482	4.46						2
0.111187	0	0.14135	11.46623	0.781527	0	12.24776	0.649401	2.393835	0	3.043236	0	0	0	3.043236	0.739294	2.725199	0	3.464493	0	0	0	3.464493	2.676951	35.22692	0	37.90387	0.689166	0.046973	0	0.736139	11.30701	6944.363132			6944363	6.76				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.515006	0	2.296254	0.358059	0.042121	0	0.400179	0.038973	0.007874	0	0.046847	0	0	0	0.046847	1.833302	0.526188	0	2.35949	0	0	0	2.35949	11.95963	1.596842	0	13.55648	0	0	0	0	1.162757	226.8978128					226898	5.88		
0	3.175259	4.02217	2.001719	0	1.81835	3.820069	2.897698	0	13.63781	16.53551	18.12334	4.544078	13.29895	52.50188	4.228314	0	14.93169	19.16	18.12334	4.544078	13.29895	55.12637	315.6178	0	145.6616	461.2793	1.340868	0	0.038473	1.379341	21.48686	14712.67188	14712672	33.40						2
0	0	0.00055	0.025285	0	0	0.025285	0.011852	0	0	0.011852	0	0	0	0.011852	0.013493	0	0	0.013493	0	0	0	0.013493	0.216619	0	0	0.216619	0.001521	0	0	0.001521	0.002243	14.33615523			14336	45.79				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.093467	0.103431	0.012229	0	0.045561	0.05779	0.032105	0	0.387683	0.419788	0.308229	0.093919	0.119493	0.941428	0.046847	0	0.424464	0.471311	0.308229	0.093919	0.119493	0.992952	4.877471	0	2.976487	7.853958	0.029935	0	0.001359	0.031295	0.433571	333.8021201								
0	0.424913	0.610206	0.292214	0	0.184986	0.477199	0.788279	0	2.093748	2.882027	3.270846	0.79479	2.365724	9.313386	1.150254	0	2.292391	3.442645	3.270846	0.79479	2.365724	9.874005	45.59285	0	20.63569	66.22854	0.128437	0	0.004123	0.13256	1.67129	1413.949751	1413950	27.44						2
0	0	1.43E-06	2.31E-05	0	0	2.31E-05	3.08E-05	0	0	3.08E-05	0	0	0	3.08E-05	3.51E-05	0	0	3.51E-05	0	0	0	3.51E-05	0.000235	0	0	0.000235	1.39E-06	0	0	1.39E-06	1.22E-06	0.013090657			13	27.33				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00152	0.001688	0.000205	0	0.000744	0.000949	0.000538	0	0.006287	0.006825	0.002697	0.000887	0.00078	0.01119	0.000785	0	0.006884	0.007669	0.002697	0.000887	0.00078	0.012034	0.081615	0	0.048244	0.129859	0.0005	0	2.39E-05	0.000524	0.007372	5.586231885								
0	2.103888	2.727269	1.338039	0	1.144981	2.48302	2.236246	0	9.158614	11.39486	9.574746	2.314363	6.950442	30.23441	3.263125	0	10.02753	13.29065	9.574746	2.314363	6.950442	32.13021	203.5334	0	95.11128	298.6447	0.898708	0	0.026298	0.925006	11.99475	9866.535336	9866535	27.43						2
0	0	0.000787	0.049617	0	0	0.049617	0.016944	0	0	0.016944	0	0	0	0.016944	0.01929	0	0	0.01929	0	0	0	0.01929	0.17593	0	0	0.17593	0.002984	0	0	0.002984	0.003474	28.13220765			28132	36.13				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.021489	0.023766	0.002785	0	0.010467	0.013252	0.007347	0	0.089236	0.096583	0.045375	0.014575	0.014735	0.171268	0.01072	0	0.097702	0.108423	0.045375	0.014575	0.014735	0.183108	1.115451	0	0.685004	1.800455	0.006839	0	0.000365	0.007204	0.101015	76.84424761								
0.054086	0.21145	0.331959	0.107076	0.001497	0.362567	0.47114	0.301266	0.191069	1.001632	1.493967	1.264153	0.291418	1.753222	4.80276	0.439607	0.278807	1.096661	1.815075	1.264153	0.291418	1.753222	5.123868	14.84834	2.01599	25.46072	42.32506	0.13592	0.000603	0.001985	0.138508	0.899973	1477.393884	1477394	12.28						2
0.001996	0	0.080402	1.262267	0.007795	0	1.270062	1.688037	0.042966	0	1.731003	0	0	0	1.731003	1.921717	0.048914	0	1.970632	0	0	0	1.970632	4.652968	0.356126	0	5.009094	0.075916	0.000469	0	0.076385	2.722532	720.1130261			720113	18.02				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.007333	0.02839	0.041046	0.013893	0.000198	0.049156	0.063247	0.021833	0.025989	0.13337	0.181192	0.178607	0.038529	0.230171	0.628499	0.031859	0.037923	0.146024	0.215805	0.178607	0.038529	0.230171	0.663112	1.597912	0.278211	3.373347	5.24947	0.020138	9.66E-05	0.000266	0.0205	0.118113	218.6659746	218666	10.89						2
0.000873	0	0.032854	0.651917	0.005439	0	0.657356	0.688538	0.018795	0	0.707333	0	0	0	0.707333	0.783854	0.021397	0	0.805251	0	0	0	0.805251	1.79911	0.155783	0	1.954893	0.039208	0.000327	0	0.039535	1.245461	372.7146181			372715	15.29				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.250593	0.967095	0.170308	0	0.010435	0.180743	4.533634	0	1.833117	6.366751	3.410713	5.619637	6.033798	21.4309	5.542757	0	1.993934	7.536691	3.410713	5.619637	6.033798	22.60084	52.86973	0	12.23665	65.10638	0.008505	0	0.000683	0.009187	0.040436	97.99580984	97996	41.72						2
0	1.503308	1.951716	0.91306	0	0.742818	1.655879	1.721153	0	6.998908	8.720061	7.669405	1.777846	5.578522	23.74583	2.511502	0	7.662923	10.17443	7.669405	1.777846	5.578522	25.2002	132.3843	0	63.28712	195.6714	0.642659	0	0.019724	0.662383	6.875873	7065.277613	7065278	22.35						2
0	0	0.001171	0.143218	0	0	0.143218	0.025208	0	0	0.025208	0	0	0	0.025208	0.028697	0	0	0.028697	0	0	0	0.028697	0.55505	0	0	0.55505	0.008614	0	0	0.008614	0.007366	81.20322457			81203	26.55				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.013417	0.014803	0.001692	0	0.006519	0.008211	0.004482	0	0.055869	0.06035	0.031835	0.009946	0.010928	0.113059	0.00654	0	0.061169	0.067709	0.031835	0.009946	0.010928	0.120417	0.681823	0	0.428867	1.11069	0.00418	0	0.00028	0.00446	0.061846	47.57063603								
0	0.000239	0.00416	0.011006	0	0.000364	0.01137	0.013636	0	0.000913	0.014548	0.24125	0.054255	0.001336	0.31139	0.019898	0	0.000999	0.020897	0.24125	0.054255	0.001336	0.317738	0.25174	0	0.019343	0.271083	0.012006	0	2.05E-06	0.012008	0.029438	128.0801456	128080	4.63						2
0	0	0.00147	0.057352	0	0	0.057352	0.031653	0	0	0.031653	0	0	0	0.031653	0.036035	0	0	0.036035	0	0	0	0.036035	0.112092	0	0	0.112092	0.003449	0	0	0.003449	0.057893	32.51829996			32518	9.71				3
0.012099	0.036558	0.061186	0.027031	0.000312	0.026441	0.053784	0.055976	0.04566	0.18756	0.289196	0.10331	0.02182	0.186931	0.601257	0.08168	0.066627	0.205355	0.353661	0.10331	0.02182	0.186931	0.665723	1.168388	0.664309	3.826509	5.659206	0.037303	0.000228	0.000374	0.037905	0.106273	404.3152273	404315	5.30						2
0.002855	0	0.009547	2.216873	0.107794	0	2.324667	0.144076	0.061458	0	0.205535	0	0	0	0.205535	0.16402	0.069966	0	0.233986	0	0	0	0.233986	0.757343	2.410501	0	3.167844	0.133243	0.006479	0	0.139722	2.850408	1318.064501			1318065	9.05				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.074987	0	0.20077	0.034739	0.005068	0	0.039807	0.001797	0.001071	0	0.002869	0	0	0	0.002869	0.128371	0.07653	0	0.2049	0	0	0	0.2049	0.482342	0.183902	0	0.666244	0	0	0	0	0.203334	22.57044686					22570	7.71		
0.002151	0.007588	0.013408	0.007246	5.13E-05	0.006331	0.013629	0.01752	0.008323	0.040694	0.066537	0.043907	0.008739	0.048314	0.167496	0.025565	0.012144	0.044555	0.082265	0.043907	0.008739	0.048314	0.183224	0.398283	0.064412	0.832238	1.294934	0.006961	4.06E-05	6.71E-05	0.007069	0.019469	75.39938734	75399	5.21						2
0.000531	0	0.002532	0.166255	0.004973	0	0.171228	0.043089	0.01143	0	0.05452	0	0	0	0.05452	0.049054	0.013013	0	0.062066	0	0	0	0.062066	0.148205	0.179362	0	0.327568	0.009993	0.000299	0	0.010291	0.175934	97.08476923			97085	7.70				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003997	0	0.038624	0.009399	0.000239	0	0.009638	0.000495	5.71E-05	0	0.000552	0	0	0	0.000552	0.035339	0.00408	0	0.039418	0	0	0	0.039418	0.142745	0.008046	0	0.150791	0	0	0	0	0.056645	5.464838404					5465	8.87		
0.018483	0.002198	0.023909	0.009413	0.000579	0.002159	0.012151	0.015505	0.079077	0.012328	0.106911	0.024297	0.004693	0.015628	0.151529	0.022625	0.115389	0.013497	0.151512	0.024297	0.004693	0.015628	0.19613	0.360898	0.611133	0.265835	1.237867	0.003229	0.000188	1.63E-05	0.003433	0.017575	36.6177661	36618	9.68						2
0.000148	0	0.00124	0.073906	0.006578	0	0.080484	0.023522	0.003186	0	0.026708	0	0	0	0.026708	0.026778	0.003627	0	0.030405	0	0	0	0.030405	0.07226	0.098658	0	0.170918	0.004442	0.000395	0	0.004837	0.068693	45.6336462			45634	8.21				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.080916	0	0.596396	0.041068	0.004939	0	0.046007	0.007365	0.001156	0	0.008521	0	0	0	0.008521	0.526085	0.082581	0	0.608666	0	0	0	0.608666	1.683463	0.151127	0	1.83459	0	0	0	0	0.140558	26.08550126					26086	4.61		
0	0.000919	0.001541	0.002899	0	0.000763	0.003662	0.001929	0	0.003742	0.005672	0.001086	0.000294	0.001109	0.00816	0.002815	0	0.004097	0.006913	0.001086	0.000294	0.001109	0.009401	0.116372	0	0.088787	0.205159	0.003005	0	8.06E-06	0.003013	0.011336	32.13489533	32135	7.11						2
0	0	0.000737	0.044651	0	0	0.044651	0.015858	0	0	0.015858	0	0	0	0.015858	0.018053	0	0	0.018053	0	0	0	0.018053	0.018012	0	0	0.018012	0.002685	0	0	0.002685	0.05424	25.31678897			25317	8.83				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.913188	0.273784	0	0	0.273784	0.042542	0	0	0.042542	0	0	0	0.042542	2.974125	0	0	2.974125	0	0	0	2.974125	34.12549	0	0	34.12549	0	0	0	0	0.694217	155.2328612					155233	4.18		
0	1.4E-07	0.000604	0.000862	0	5.18E-06	0.000867	0.002802	0	7.38E-07	0.002803	0.000192	4.28E-05	0.000385	0.003422	0.004089	0	8.08E-07	0.00409	0.000192	4.28E-05	0.000385	0.004709	0.195854	0	0.005667	0.201521	0.000131	0	5.99E-07	0.000132	0.000316	1.403891479	1404	4.53						2
0.112792	0	0.142889	11.48501	0.782038	0	12.26705	0.647982	2.428387	0	3.076368	0	0	0	3.076368	0.737678	2.764533	0	3.502211	0	0	0	3.502211	2.640664	35.75689	0	38.39755	0.690295	0.047004	0	0.737298	11.50318	6955.30395			6955304	6.86				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.5085	0	2.199476	0.356492	0.042318	0	0.398809	0.036531	0.007737	0	0.044268	0	0	0	0.044268	1.739859	0.519499	0	2.259358	0	0	0	2.259358	11.61894	1.613173	0	13.23211	0	0	0	0	1.168822	226.1212346					226121	5.93		
0	3.02694	3.831207	1.95844	0	1.787989	3.746429	2.711867	0	12.89275	15.60462	17.88441	4.339675	13.16154	50.99025	3.95715	0	14.11594	18.07309	17.88441	4.339675	13.16154	53.45872	307.2812	0	139.9081	447.1893	1.320518	0	0.037787	1.358304	21.68928	14488.28838	14488288	33.86						2
0	0	0.000428	0.022262	0	0	0.022262	0.009224	0	0	0.009224	0	0	0	0.009224	0.010501	0	0	0.010501	0	0	0	0.010501	0.182565	0	0	0.182565	0.001339	0	0	0.001339	0.002008	12.62227566			12622	46.55				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.095736	0.105741	0.012249	0	0.046541	0.05879	0.032312	0	0.398197	0.430509	0.347521	0.098277	0.139896	1.016204	0.04715	0	0.435976	0.483126	0.347521	0.098277	0.139896	1.06882	4.908438	0	3.057315	7.965753	0.030118	0	0.001384	0.031502	0.437849	336.0183333								
0	0.390592	0.554109	0.265367	0	0.177495	0.442862	0.686058	0	1.897929	2.583987	3.05362	0.727792	2.188403	8.553801	1.001095	0	2.077993	3.079088	3.05362	0.727792	2.188403	9.048902	41.6176	0	18.79292	60.41052	0.124675	0	0.003975	0.12865	1.657437	1372.237715	1372238	27.85						2

0	0	4.77E-07	2E-05	0	0	2E-05	1.03E-05	0	0	1.03E-05	0	0	0	1.03E-05	1.17E-05	0	0	1.17E-05	0	0	0	1.17E-05	9.07E-05	0	0	9.07E-05	1.2E-06	0	0	1.2E-06	1.08E-06	0.011321502			11	27.94				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00173	0.001918	0.000229	0	0.000845	0.001074	0.000604	0	0.00717	0.007774	0.003165	0.001024	0.00093	0.012893	0.000881	0	0.00785	0.008732	0.003165	0.001024	0.00093	0.013851	0.091603	0	0.055018	0.146622	0.000561	0	2.72E-05	0.000588	0.008272	6.273427812								
0	2.044198	2.645171	1.308079	0	1.146057	2.454136	2.126799	0	8.826907	10.95371	9.578863	2.255867	6.978308	29.76674	3.10342	0	9.664352	12.76777	9.578863	2.255867	6.978308	31.58081	200.7664	0	93.18382	293.9502	0.89344	0	0.02616	0.9196	12.18299	9808.87095	9808871	27.82						2
0	0	0.000792	0.04937	0	0	0.04937	0.017044	0	0	0.017044	0	0	0	0.017044	0.019403	0	0	0.019403	0	0	0	0.019403	0.177332	0	0	0.177332	0.002969	0	0	0.002969	0.003503	27.99245978			27992	36.63				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.023214	0.025628	0.002946	0	0.011279	0.014225	0.007807	0	0.096649	0.104456	0.050637	0.01589	0.016577	0.18756	0.011392	0	0.105818	0.11721	0.050637	0.01589	0.016577	0.200315	1.185096	0	0.741929	1.927025	0.007265	0	0.000393	0.007658	0.107282	81.68701302								
0.052214	0.200656	0.305573	0.093987	0.001453	0.350496	0.445936	0.225579	0.183723	0.940699	1.350001	1.212786	0.27425	1.678293	4.515331	0.329165	0.268088	1.029947	1.6272	1.212786	0.27425	1.678293	4.79253	13.25986	1.97956	24.92871	40.16812	0.131066	0.000588	0.001938	0.133592	0.87642	1424.954867	1424955	12.40						2
0.001958	0	0.074608	1.221816	0.007595	0	1.229411	1.564103	0.042159	0	1.606262	0	0	0	1.606262	1.780628	0.047995	0	1.828622	0	0	0	1.828622	4.278938	0.349432	0	4.628369	0.073483	0.000457	0	0.07394	2.687941	697.0642566			697064	18.09				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.006994	0.026738	0.038156	0.012321	0.00019	0.047008	0.059519	0.017377	0.024698	0.124789	0.166865	0.172554	0.03629	0.222291	0.598	0.025357	0.03604	0.136628	0.198025	0.172554	0.03629	0.222291	0.62916	1.492931	0.271055	3.298018	5.062004	0.019273	9.36E-05	0.000258	0.019624	0.114216	209.3198145	209320	11.00						2
0.000866	0	0.031312	0.634926	0.005363	0	0.640289	0.65549	0.01864	0	0.67413	0	0	0	0.67413	0.746232	0.02122	0	0.767452	0	0	0	0.767452	1.710854	0.154496	0	1.86535	0.038186	0.000323	0	0.038509	1.230767	363.037689			363038	15.37				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.24663	0.952633	0.168938	0	0.010128	0.179066	4.440535	0	1.797979	6.238514	3.376197	5.638634	6.05405	21.30739	5.442321	0	1.9559	7.398221	3.376197	5.638634	6.05405	22.4671	51.95583	0	12.2454	64.20123	0.008492	0	0.000674	0.009166	0.040536	97.76528621	97765	41.81						2
0	1.436912	1.860988	0.875412	0	0.734761	1.610173	1.605376	0	6.622664	8.228041	7.538448	1.713404	5.484317	22.96421	2.342561	0	7.250984	9.593545	7.538448	1.713404	5.484317	24.32971	128.7746	0	61.34029	190.1149	0.634341	0	0.01946	0.653801	6.954524	6973.735276	6973735	22.69						2
0	0	0.001086	0.137747	0	0	0.137747	0.023378	0	0	0.023378	0	0	0	0.023378	0.026615	0	0	0.026615	0	0	0	0.026615	0.529358	0	0	0.529358	0.008284	0	0	0.008284	0.007188	78.10103271			78101	26.93				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.014454	0.01592	0.001786	0	0.007005	0.008791	0.004753	0	0.060337	0.06509	0.036189	0.010878	0.012747	0.124903	0.006935	0	0.066062	0.072996	0.036189	0.010878	0.012747	0.13281	0.722708	0	0.463182	1.18589	0.00443	0	0.0003	0.00473	0.06552	50.45572234								
0	0.000229	0.003761	0.01023	0	0.000356	0.010586	0.012003	0	0.000865	0.012868	0.22161	0.048758	0.001218	0.284455	0.017515	0	0.000947	0.018462	0.22161	0.048758	0.001218	0.290049	0.216725	0	0.018294	0.235018	0.011679	0	1.97E-06	0.011681	0.028646	124.5973047	124597	4.63						2
0	0	0.001421	0.05689	0	0	0.05689	0.030596	0	0	0.030596	0	0	0	0.030596	0.034831	0	0	0.034831	0	0	0	0.034831	0.107584	0	0	0.107584	0.003422	0	0	0.003422	0.058689	32.25618734			32256	9.70				3
0.011699	0.035012	0.057724	0.024399	0.000297	0.025346	0.050041	0.048495	0.044151	0.1787	0.271346	0.099732	0.020354	0.179874	0.571306	0.070764	0.064424	0.195654	0.330843	0.099732	0.020354	0.179874	0.630802	0.99513	0.642232	3.604688	5.24205	0.035402	0.000219	0.000357	0.035978	0.101643	383.7569494	383757	5.34						2
0.002793	0	0.00886	2.169069	0.105985	0	2.275053	0.130617	0.06014	0	0.190757	0	0	0	0.190757	0.148698	0.068464	0	0.217162	0	0	0	0.217162	0.713824	2.391666	0	3.10549	0.13037	0.00637	0	0.13674	2.813391	1289.933798			1289934	9.11				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.07547	0	0.201454	0.034617	0.005139	0	0.039756	0.0018	0.001078	0	0.002878	0	0	0	0.002878	0.128576	0.077022	0	0.205599	0	0	0	0.205599	0.4805	0.18858	0	0.669081	0	0	0	0	0.203081	22.5412898					22541	7.71		
0.002059	0.007245	0.012554	0.006459	4.83E-05	0.005995	0.012502	0.015402	0.008	0.038946	0.062348	0.042632	0.00836	0.046876	0.160217	0.022475	0.011674	0.042641	0.076789	0.042632	0.00836	0.046876	0.174658	0.347252	0.06191	0.801109	1.210271	0.00647	3.89E-05	6.43E-05	0.006573	0.018235	70.10770556	70108	5.24						2
0.000532	0	0.002446	0.165844	0.004947	0	0.17079	0.041197	0.011458	0	0.052655	0	0	0	0.052655	0.0469	0.013044	0	0.059944	0	0	0	0.059944	0.143192	0.180146	0	0.323338	0.009968	0.000297	0	0.010265	0.176979	96.83659136			96837	7.75				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004024	0	0.039049	0.009408	0.000242	0	0.00965	0.0005	5.75E-05	0	0.000558	0	0	0	0.000558	0.035746	0.004106	0	0.039853	0	0	0	0.039853	0.143676	0.0083	0	0.151976	0	0	0	0	0.057087	5.471180683					5471	8.93		
0.018365	0.002159	0.023223	0.008625	0.000571	0.002178	0.011375	0.012855	0.078467	0.012049	0.10337	0.025276	0.004761	0.016332	0.149738	0.018758	0.114498	0.013192	0.146448	0.025276	0.004761	0.016332	0.192816	0.295432	0.606415	0.256571	1.158418	0.003186	0.000186	1.6E-05	0.003388	0.017397	36.13524744	36135	9.71						2
0.000144	0	0.001118	0.071297	0.006346	0	0.077643	0.020951	0.003108	0	0.02406	0	0	0	0.02406	0.023851	0.003539	0	0.02739	0	0	0	0.02739	0.065831	0.099393	0	0.165224	0.004285	0.000381	0	0.004667	0.068848	44.02289919			44023	8.26				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.081722	0	0.592835	0.040893	0.005011	0	0.045904	0.007303	0.001168	0	0.00847	0	0	0	0.00847	0.521628	0.083404	0	0.605032	0	0	0	0.605032	1.662306	0.154779	0	1.817085	0	0	0	0	0.140553	26.02723211					26027	4.62		
0	0.000924	0.00153	0.002958	0	0.000756	0.003714	0.001883	0	0.003767	0.00565	0.001146	0.0003	0.001153	0.008249	0.002748	0	0.004124	0.006872	0.001146	0.0003	0.001153	0.009471	0.117692	0	0.086774	0.204466	0.002957	0	7.86E-06	0.002965	0.011252	31.62950356	31630	7.17						2
0	0	0.000603	0.03625	0	0	0.03625	0.012993	0	0	0.012993	0	0	0	0.012993	0.014791	0	0	0.014791	0	0	0	0.014791	0.014832	0	0	0.014832	0.00218	0	0	0.00218	0.044626	20.55332711			20553	8.95				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.876696	0.263928	0	0	0.263928	0.042046	0	0	0.042046	0	0	0	0.042046	2.936909	0	0	2.936909	0	0	0	2.936909	33.47703	0	0	33.47703	0	0	0	0	0.668221	149.6448683					149645	4.18		
0	1.27E-07	0.000579	0.000817	0	3.42E-06	0.00082	0.002677	0	6.67E-07	0.002677	0.000168	3.52E-05	0.000326	0.003207	0.003906	0	7.3E-07	0.003906	0.000168	3.52E-05	0.000326	0.004436	0.190197	0	0.005233	0.19543	0.000125	0	5.54E-07	0.000125	0.000305	1.336390045	1336	4.59						2
0.114447	0	0.144511	11.5274	0.783772	0	12.31118	0.647272	2.464002	0	3.111274	0	0	0	3.111274	0.73687	2.805079	0	3.541948	0	0	0	3.541948	2.602417	36.30154	0	38.90395	0.692843	0.047108	0	0.73995	11.70944	6980.32186			6980322	6.96				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.500805	0	2.104547	0.353518	0.042366	0	0.395884	0.034362	0.007593	0	0.041954	0	0	0	0.041954	1.649779	0.511606	0	2.161385	0	0	0	2.161385	11.2376	1.624409	0	12.86201	0	0	0	0	1.172214	224.4623985					224462	5.97		
0	2.893424	3.661728	1.922613	0	1.761647	3.68426	2.554288	0	12.22453	14.77882	17.6484	4.144622	13.00479	49.57664	3.727211	0	13.38433	17.11154	17.6484	4.144622	13.00479	51.90935	300.3753	0	134.8427	435.218	1.303404	0	0.037185	1.340589	21.87049	14299.32919	14299329	34.27						2
0	0	0.000366	0.019782	0	0	0.019782	0.007878	0	0	0.007878	0	0	0	0.007878	0.008968	0	0	0.008968	0	0	0	0.008968	0.159298	0	0	0.159298	0.00119	0	0	0.00119	0.001811	11.21623241			11216	47.25				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.097713	0.10775	0.012256	0	0.047382	0.059639	0.032485	0	0.40747	0.439955	0.383322	0.101659	0.158281	1.083217	0.047402	0	0.446128	0.493531	0.383322	0.101659	0.158281	1.136792	4.932489	0	3.128607	8.061095	0.030254	0	0.001405	0.031659	0.441099	337.6939704								
0	0.360525	0.505707	0.24303	0	0.170992	0.414022	0.60013	0	1.727409	2.327539	2.916282	0.67535	2.080819	7.99999	0.875708	0	1.891295	2.767004	2.916282	0.67535	2.080819	8.439455	38.28467	0	17.21307	55.49774	0.121382	0	0.003844	0.125225	1.646666	1335.709636	1335710	28.24						2
0	0	4.58E-07	2.05E-05	0	0	2.05E-05	9.85E-06	0	0	9.85E-06	0	0	0	9.85E-06	1.12E-05	0	0	1.12E-05	0	0	0	1.12E-05	8.83E-05	0	0	8.83E-05	1.24E-06	0	0	1.24E-06	1.12E-06	0.01164846			12	28.15				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.001934	0.002141	0.000252	0	0.000943	0.001195	0.000667	0	0.008032	0.008699	0.003646	0.001161	0.001084	0.014589	0.000973	0	0.008794	0.009767	0.003646	0.001161	0.001084	0.015657	0.101036	0	0.061637	0.162673	0.000619	0	3.04E-05	0.000649	0.009119	6.92302437								
0	1.986192	2.566312	1.280235	0	1.147361	2.427596	2.024013	0	8.505296	10.52931	9.580373	2.194513	6.997974	29.30217	2.953435	0	9.312229	12.26566	9.580373	2.194513	6.997974	31.03852	198.2706	0	91.31136	289.582	0.88847	0	0.026019	0.914488	12.34603	9754.348224	9754348	28.18						2
0	0	0.000797	0.049145	0	0	0.049145	0.017158	0	0	0.017158	0	0	0	0.017158	0.019533	0	0	0.019533	0	0	0	0.019533	0.178706	0	0	0.178706	0.002956	0	0	0.002956	0.00353	27.86488155			27865	37.07				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.02484	0.02738	0.003091	0	0.01204	0.015132	0.00823	0	0.103673	0.111904	0.056922	0.017301	0.018983	0.20511	0.01201	0	0.113509	0.125519	0.056922	0.017301	0.018983	0.218725	1.24889	0	0.795876	2.044765	0.007654	0	0.00042	0.008074	0.112986	86.12333007								
0.050265	0.192141	0.288715	0.08516	0.001405	0.336881	0.423446	0.196368	0.17628	0.89764	1.270288	1.158113	0.256014	1.596275	4.28069	0.286539	0.257228	0.982803	1.52657	1.158113	0.256014	1.596275	4.536972	12.64633	1.937861	24.47619	39.06038	0.125903	0.000573	0.001889	0.128365	0.850192	1369.194582	1369195	12.52						2
0.001916	0	0.069146	1.178079	0.00738	0	1.185458	1.447428	0.041244	0	1.488672	0	0	0	1.488672	1.6478	0.046954	0	1.694754	0	0	0	1.694754	3.926528	0.341852	0	4.268379	0.070853	0.000444	0	0.071297	2.640273	672.1437605			672144	18.17				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.006661	0.025213	0.035797	0.011059	0.000182	0.044848	0.056089	0.015232	0.023446	0.117107	0.155784	0.164603	0.033983	0.212439	0.566809	0.022226	0.034212	0.128217	0.184655	0.164603	0.033983	0.212439	0.59568	1.433106	0.263631	3.224236	4.920973	0.018392	9.05E-05	0.00025	0.018732	0.110158	199.7994997	199799	11.11						2
0.000856	0	0.029865	0.61622	0.005277	0	0.621497	0.62454	0.018437	0	0.642977	0	0	0	0.642977	0.710997	0.020989	0	0.731987	0	0	0	0.731987	1.627853	0.152815	0	1.780668	0.037061	0.000317	0	0.037379	1.210116	352.3829258			352383	15.45				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.243754	0.941306	0.167842	0	0.009883	0.177725	4.364589	0	1.772623	6.137213	3.361588	5.665261	6.086047	21.25011	5.360901	0	1.928473	7.289374	3.361588	5.665261	6.086047	22.40227	51.19945	0	12.27656	63.47601	0.008487	0	0.000667	0.009154	0.040643	97.64128219	97641	41.88						2
0	1.377239	1.780226	0.843236	0	0.72859	1.571826	1.503896	0	6.284803	7.788699	7.414476	1.650802	5.391266	22.24524	2.194482	0	6.881068	9.075549	7.414476	1.650802	5.391266	23.53209	125.7135	0	59.58343	185.297	0.627171	0	0.019224	0.646396	7.025769	6894.751516	6894752	23.00						2
0	0	0.001009	0.13274	0	0	0.13274	0.021728	0	0	0.021728	0	0	0	0.021728	0.024736	0	0	0.024736	0	0	0	0.024736	0.505411	0	0	0.505411	0.007983	0	0	0.007983	0.007022	75.26250017			75263	27.30				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.015442	0.016983	0.001873	0	0.007466	0.009339	0.005006	0	0.06462	0.069626	0.042528	0.012041	0.015669	0.139864	0.007305	0	0.070751	0.078055	0.042528	0.012041	0.015669	0.148293	0.760784	0	0.496071	1.256855	0.004662	0	0.00032	0.004982	0.068915	53.14221958								
0	0.00022	0.003422	0.009569	0	0.000348	0.009917	0.010617	0	0.000824	0.011441	0.206069	0.044165	0.001126	0.262801	0.015492	0	0.000902	0.016395	0.206069	0.044165	0.001126	0.267755	0.187047	0	0.017397	0.204443	0.011404	0	1.9E-06	0.011406	0.027981	121.6634487	121663	4.64						2
0	0	0.00137	0.056409	0	0	0.056409	0.029504	0	0	0.029504	0	0	0	0.029504	0.033588	0	0	0.033588	0	0	0	0.033588	0.102989	0	0	0.102989	0.003393	0	0	0.003393	0.059448	31.98324868			31983	9.71				3
0.011284	0.033444	0.054444	0.022089	0.000282	0.024261	0.046631	0.042138	0.042592	0.169798	0.254528	0.095251	0.018835	0.171449	0.540063	0.061488	0.06215	0.185908	0.309546	0.095251	0.018835	0.171449	0.595081	0.853485	0.619471	3.393422	4.866378	0.033513	0.000209	0.000341	0.034063	0.096952	363.3317994	363332	5.38						2
0.002728	0	0.008252	2.117152	0.103737	0	2.220889	0.118947	0.058722	0	0.177669	0	0	0	0.177669	0.135412	0.066851	0	0.202263	0	0	0	0.202263	0.673709	2.362279	0	3.035987	0.127249	0.006235	0	0.133484	2.769609	1259.223411			1259223	9.17				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.075587	0	0.20103	0.034335	0.005184	0	0.039519	0.001792	0.00108	0	0.002872	0	0	0	0.002872	0.128025	0.077142	0	0.205166	0	0	0	0.205166	0.475674	0.192261	0	0.667936	0	0	0	0	0.202075	22.40688667					22407	7.72		
0.001969	0.006936	0.01185	0.005794	4.56E-05	0.005623	0.011463	0.01395	0.007685	0.037444	0.059079	0.041442	0.007994	0.045518	0.154034	0.020356	0.011214	0.040996	0.072566	0.041442	0.007994	0.045518	0.167521	0.315781	0.059468	0.769969	1.145217	0.006009	3.72E-05	6.16E-05	0.006108	0.01706	65.14626879	65146	5.28						2
0.000531	0	0.002353	0.165521	0.004897	0	0.170418	0.039222	0.01143	0	0.050652	0	0	0	0.050652	0.044652	0.013012	0	0.057664	0	0	0	0.057664	0.13776	0.180063	0	0.317823	0.009948	0.000294	0	0.010243	0.17797	96.62560667			96626	7.80				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004046	0	0.039593	0.009455	0.000245	0	0.0097	0.000508	5.78E-05	0	0.000566	0	0	0	0.000566	0.036278	0.00413	0	0.040407	0	0	0	0.040407	0.145124	0.008562	0	0.153687	0	0	0	0	0.05774	5.499773818					5500	8.99		
0.018158	0.002088	0.022318	0.007678	0.000563	0.002189	0.01043	0.009699	0.077437	0.011575	0.098711	0.025184	0.004671	0.016305	0.144872	0.014152	0.112996	0.012673	0.139822	0.025184	0.004671	0.016305	0.185982	0.219799	0.598459	0.244781	1.063038	0.003127	0.000183	1.56E-05	0.003325	0.017137	35.46834842	35468	9.74						2
0.000141	0	0.001	0.06866	0.006109	0	0.07477	0.018499	0.003032	0	0.02153	0	0	0	0.02153	0.021059	0.003451	0	0.024511	0	0	0	0.024511	0.059646	0.09987	0	0.159516	0.004127	0.000367	0	0.004494	0.068731	42.39360895			42394	8.30				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.082223	0	0.586746	0.040542	0.005066	0	0.045607	0.007209	0.001175	0	0.008383	0	0	0	0.008383	0.514903	0.083914	0	0.598817	0	0	0	0.598817	1.633888	0.157898	0	1.791786	0	0	0	0	0.139949	25.85899849					25859	4.63		
0	0.000825	0.001374	0.002693	0	0.000695	0.003388	0.001698	0	0.003343	0.005041	0.001081	0.000283	0.001086	0.007491	0.002478	0	0.00366	0.006138	0.001081	0.000283	0.001086	0.008588	0.114955	0	0.07933	0.194285	0.002722	0	7.02E-06	0.002729	0.010719	29.11346353	29113	7.42						2
0	0	0.000555	0.033031	0	0	0.033031	0.01195	0	0	0.01195	0	0	0	0.01195	0.013604	0	0	0.013604	0	0	0	0.013604	0.01368	0	0	0.01368	0.001987	0	0	0.001987	0.041242	18.72824473			18728	9.08				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.755216	0.252561	0	0	0.252561	0.040326	0	0	0.040326	0	0	0	0.040326	2.812948	0	0	2.812948	0	0	0	2.812948	32.07193	0	0	32.07193	0	0	0	0	0.639545	143.1996321					143200	4.18		
0	1.14E-07	0.000551	0.000776	0	2.03E-06	0.000778	0.002528	0	5.95E-07	0.002529	0.000139	2.83E-05	0.000264	0.002959	0.003689	0	6.52E-07	0.00369	0.000139	2.83E-05	0.000264	0.00412	0.184201	0	0.005124	0.189324	0.000119	0	5.22E-07	0.000119	0.000294	1.273548357	1274	4.65						2
0.116209	0	0.146312	11.59535	0.787147	0	12.38249	0.648112	2.501944	0	3.150057	0	0	0	3.150057	0.737826	2.848273	0	3.5861	0	0	0	3.5861	2.580162	36.87894	0	39.4591	0.696926	0.047311	0	0.744237	11.92936	7020.757508			7020758	7.04				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.493663	0	2.019933	0.350584	0.042319	0	0.392903	0.032466	0.00746	0	0.039926	0	0	0	0.039926	1.569814	0.504283	0	2.074097	0	0	0	2.074097	10.89577	1.633147	0	12.52892	0	0	0	0	1.174212	222.7720521					222772	6.01		
0	2.770928	3.506842	1.891643	0	1.738796	3.630439	2.411591	0	11.60571	14.0173	17.23573	3.942364	12.70956	47.90496	3.518987	0	12.70679	16.22578	17.23573	3.942364	12.70956	50.11343	294.2349	0	130.1943	424.4292	1.288678	0	0.036655	1.325334	22.03014	14136.60799	14136608	34.65						2
0	0	0.000312	0.01766	0	0	0.01766	0.006707	0	0	0.006707	0	0	0	0.006707	0.007636	0	0	0.007636	0	0	0	0.007636	0.138679	0	0	0.138679	0.001062	0	0	0.001062	0.001643	10.01314116			10013	48.01				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.099427	0.109466	0.012239	0	0.048103	0.060342	0.032551	0	0.4156	0.448151	0.412453	0.104071	0.172638	1.137313	0.047498	0	0.45503	0.502528	0.412453	0.104071	0.172638	1.19169	4.943548	0	3.191121	8.134669	0.030322	0	0.001422	0.031745	0.443474	338.6026564								
0	0.33172	0.459295	0.222961	0	0.165026	0.387988	0.517284	0	1.563324	2.080609	2.697468	0.613948	1.914237	7.306261	0.75482	0	1.711643	2.466463	2.697468	0.613948	1.914237	7.692116	35.05325	0	15.6707	50.72395	0.1183	0	0.003718	0.122018	1.6358	1301.498194	1301498	28.63						2
0	0	4.4E-07	2.11E-05	0	0	2.11E-05	9.48E-06	0	0	9.48E-06	0	0	0	9.48E-06	1.08E-05	0	0	1.08E-05	0	0	0	1.08E-05	8.62E-05	0	0	8.62E-05	1.27E-06	0	0	1.27E-06	1.16E-06	0.011949016			12	28.33				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002132	0.002356	0.000273	0	0.001037	0.00131	0.000724	0	0.008871	0.009595	0.004146	0.001298	0.001246	0.016285	0.001057	0	0.009713	0.010769	0.004146	0.001298	0.001246	0.017459	0.109779	0	0.068074	0.177854	0.000672	0	3.35E-05	0.000706	0.009912	7.528669671								

0	1.932587	2.494008	1.25566	0	1.149418	2.405078	1.931866	0	8.209001	10.14087	9.556844	2.136798	7.002991	28.8375	2.818974	0	8.987823	11.8068	9.556844	2.136798	7.002991	30.50343	196.0542	0	89.62814	285.6824	0.883755	0	0.025886	0.909641	12.48881	9702.640019	9702640	28.51						2
0	0	0.0008	0.048909	0	0	0.048909	0.01723	0	0	0.01723	0	0	0	0.01723	0.019616	0	0	0.019616	0	0	0	0.019616	0.179575	0	0	0.179575	0.002942	0	0	0.002942	0.003553	27.73085263			27731	37.49				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.026371	0.029022	0.003221	0	0.012754	0.015975	0.008605	0	0.110316	0.118921	0.064891	0.018881	0.022302	0.224995	0.012556	0	0.120782	0.133339	0.064891	0.018881	0.022302	0.239413	1.305883	0	0.846897	2.152779	0.008004	0	0.000445	0.008449	0.118179	90.12181938								
0.048252	0.184487	0.27349	0.075761	0.001355	0.324158	0.401274	0.171995	0.168735	0.860282	1.201012	1.09088	0.236139	1.496822	4.024854	0.250975	0.246217	0.941901	1.439093	1.09088	0.236139	1.496822	4.262935	11.94582	1.890769	23.98651	37.8231	0.12068	0.000556	0.001836	0.123072	0.821382	1312.743417	1312743	12.61						2
0.001871	0	0.064439	1.13346	0.007163	0	1.140623	1.347046	0.040285	0	1.387331	0	0	0	1.387331	1.533522	0.045862	0	1.579384	0	0	0	1.579384	3.621595	0.333905	0	3.9555	0.068169	0.000431	0	0.0686	2.580635	646.7227518			646723	18.24				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.006318	0.023714	0.03352	0.009884	0.000173	0.042615	0.052671	0.013409	0.022164	0.109644	0.145217	0.158415	0.031939	0.205014	0.540585	0.019566	0.032342	0.120046	0.171954	0.158415	0.031939	0.205014	0.567323	1.371018	0.255412	3.14027	4.7667	0.017504	8.72E-05	0.000241	0.017832	0.105794	190.2054171	190205	11.21						2
0.000845	0	0.02861	0.59643	0.00518	0	0.60161	0.597784	0.018182	0	0.615966	0	0	0	0.615966	0.680537	0.020699	0	0.701236	0	0	0	0.701236	1.555401	0.150702	0	1.706103	0.035871	0.000312	0	0.036182	1.18366	341.1074013			341107	15.51				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.24101	0.930415	0.166852	0	0.009646	0.176499	4.292009	0	1.748153	6.040162	3.351732	5.691576	6.118499	21.20197	5.282488	0	1.902006	7.184494	3.351732	5.691576	6.118499	22.3463	50.48805	0	12.30939	62.79745	0.008481	0	0.000661	0.009143	0.040746	97.5186224	97519	41.96						2
0	1.322931	1.706348	0.814871	0	0.724034	1.538905	1.408688	0	5.975463	7.384151	7.330328	1.595577	5.338113	21.64817	2.055554	0	6.54238	8.597934	7.330328	1.595577	5.338113	22.86195	122.8937	0	57.93489	180.8286	0.62079	0	0.019014	0.639803	7.088922	6824.432737	6824433	23.28						2
0	0	0.000932	0.128141	0	0	0.128141	0.02006	0	0	0.02006	0	0	0	0.02006	0.022837	0	0	0.022837	0	0	0	0.022837	0.481111	0	0	0.481111	0.007707	0	0	0.007707	0.00687	72.65468988			72655	27.67				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.016372	0.017979	0.00195	0	0.007898	0.009848	0.005229	0	0.068667	0.073896	0.045748	0.012764	0.016793	0.149201	0.00763	0	0.075182	0.082812	0.045748	0.012764	0.016793	0.158117	0.794697	0	0.527153	1.32185	0.004871	0	0.000338	0.005209	0.072002	55.55963648								
0	0.000212	0.003126	0.008986	0	0.00034	0.009326	0.009408	0	0.000786	0.010194	0.190768	0.039835	0.001038	0.241835	0.013728	0	0.000861	0.014589	0.190768	0.039835	0.001038	0.24623	0.163663	0	0.01658	0.180243	0.011158	0	1.84E-06	0.01116	0.027384	119.0396445	119040	4.64						2
0	0	0.001321	0.055951	0	0	0.055951	0.028445	0	0	0.028445	0	0	0	0.028445	0.032382	0	0	0.032382	0	0	0	0.032382	0.098478	0	0	0.098478	0.003365	0	0	0.003365	0.060162	31.72386416			31724	9.70				3
0.010853	0.031945	0.051413	0.020105	0.000267	0.023241	0.043613	0.036809	0.040987	0.161421	0.239217	0.090621	0.017455	0.163735	0.511028	0.053711	0.059808	0.176736	0.290255	0.090621	0.017455	0.163735	0.562066	0.735213	0.596057	3.189078	4.520348	0.031647	0.0002	0.000325	0.032172	0.092217	343.155992	343156	5.42						2
0.002658	0	0.007725	2.06194	0.101144	0	2.163083	0.109102	0.057222	0	0.166324	0	0	0	0.166324	0.124204	0.065143	0	0.189347	0	0	0	0.189347	0.63848	2.323688	0	2.962169	0.123931	0.006079	0	0.13001	2.719205	1226.447919			1226448	9.23				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.075189	0	0.199604	0.033901	0.005193	0	0.039094	0.001778	0.001074	0	0.002852	0	0	0	0.002852	0.126975	0.076735	0	0.203711	0	0	0	0.203711	0.469594	0.19457	0	0.664164	0	0	0	0	0.199962	22.16591119					22166	7.72		
0.001882	0.006655	0.011211	0.005174	4.3E-05	0.005254	0.010471	0.012665	0.007378	0.036119	0.056162	0.03953	0.007568	0.043536	0.146796	0.018481	0.010765	0.039546	0.068792	0.03953	0.007568	0.043536	0.159426	0.290188	0.057082	0.735093	1.082362	0.00558	3.56E-05	5.88E-05	0.005675	0.015951	60.53056625	60531	5.31						2
0.000529	0	0.002257	0.16524	0.004842	0	0.170082	0.037207	0.011395	0	0.048602	0	0	0	0.048602	0.042357	0.012973	0	0.05533	0	0	0	0.05533	0.132109	0.179875	0	0.311984	0.009932	0.000291	0	0.010223	0.178935	96.43462605			96435	7.85				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004067	0	0.040182	0.009515	0.000248	0	0.009763	0.000516	5.81E-05	0	0.000574	0	0	0	0.000574	0.036858	0.004151	0	0.041009	0	0	0	0.041009	0.146719	0.008836	0	0.155555	0	0	0	0	0.058446	5.535533568					5536	9.04		
0.017886	0.002015	0.021374	0.00674	0.000553	0.002193	0.009486	0.006684	0.076139	0.011094	0.093917	0.024584	0.004518	0.015939	0.138959	0.009754	0.111102	0.012146	0.133002	0.024584	0.004518	0.015939	0.178043	0.1472	0.588424	0.232586	0.968211	0.003058	0.000179	1.52E-05	0.003252	0.016822	34.68870496	34689	9.78						2
0.000137	0	0.000889	0.065982	0.00587	0	0.071851	0.016175	0.002955	0	0.019131	0	0	0	0.019131	0.018414	0.003365	0	0.021779	0	0	0	0.021779	0.053683	0.10008	0	0.153763	0.003966	0.000353	0	0.004319	0.068339	40.7390063			40739	8.34				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.082431	0	0.578314	0.040026	0.005103	0	0.045129	0.007085	0.001178	0	0.008263	0	0	0	0.008263	0.506085	0.084127	0	0.590211	0	0	0	0.590211	1.598884	0.160484	0	1.759369	0	0	0	0	0.138773	25.58778211					25588	4.64		
0	0.000755	0.00126	0.002499	0	0.000651	0.003149	0.001554	0	0.003042	0.004596	0.001133	0.000285	0.001117	0.007132	0.002268	0	0.003331	0.005599	0.001133	0.000285	0.001117	0.008134	0.113378	0	0.073791	0.187169	0.002532	0	6.39E-06	0.002539	0.010278	27.07876788	27079	7.65						2
0	0	0.000543	0.032236	0	0	0.032236	0.0117	0	0	0.0117	0	0	0	0.0117	0.013319	0	0	0.013319	0	0	0	0.013319	0.013457	0	0	0.013457	0.001939	0	0	0.001939	0.040397	18.27755048			18278	9.11				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.745623	0.251591	0	0	0.251591	0.040215	0	0	0.040215	0	0	0	0.040215	2.803186	0	0	2.803186	0	0	0	2.803186	31.96269	0	0	31.96269	0	0	0	0	0.634734	142.6498321					142650	4.16		
0	9.75E-08	0.000527	0.000738	0	1.08E-07	0.000739	0.002409	0	5.11E-07	0.002409	0.000123	2.38E-05	0.00023	0.002786	0.003515	0	5.59E-07	0.003515	0.000123	2.38E-05	0.00023	0.003892	0.178872	0	0.004894	0.183766	0.000113	0	4.91E-07	0.000113	0.000282	1.210619547	1211	4.70						2
0.118095	0	0.148346	11.69195	0.792313	0	12.48426	0.651286	2.542561	0	3.193847	0	0	0	3.193847	0.74144	2.894512	0	3.635952	0	0	0	3.635952	2.568831	37.49269	0	40.06152	0.702733	0.047621	0	0.750354	12.16385	7078.461111			7078461	7.12				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.486444	0	1.943316	0.347065	0.042158	0	0.389223	0.030858	0.007334	0	0.038192	0	0	0	0.038192	1.498286	0.496889	0	1.995175	0	0	0	1.995175	10.56048	1.637912	0	12.19839	0	0	0	0	1.174183	220.6856593					220686	6.04		
0	2.658593	3.365713	1.864943	0	1.719074	3.584017	2.283056	0	11.03132	13.31438	16.8711	3.748587	12.42799	46.36206	3.33143	0	12.07791	15.40934	16.8711	3.748587	12.42799	48.45702	288.9585	0	125.9137	414.8722	1.276393	0	0.036194	1.312588	22.16993	14000.65521	14000655	34.99						2
0	0	0.000265	0.01588	0	0	0.01588	0.005699	0	0	0.005699	0	0	0	0.005699	0.006488	0	0	0.006488	0	0	0	0.006488	0.121021	0	0	0.121021	0.000955	0	0	0.000955	0.001502	9.0039691			9004	48.82				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.100891	0.110921	0.012212	0	0.048707	0.060919	0.032576	0	0.422639	0.455215	0.427437	0.104492	0.179123	1.166266	0.047535	0	0.462736	0.510271	0.427437	0.104492	0.179123	1.221322	4.948483	0	3.245245	8.193728	0.030352	0	0.001436	0.031789	0.445076	339.0741748								
0	0.3073	0.420739	0.207784	0	0.160076	0.36786	0.451099	0	1.425672	1.876771	2.707871	0.584671	1.929341	7.098653	0.658242	0	1.560931	2.219173	2.707871	0.584671	1.929341	7.441056	32.47478	0	14.41769	46.89247	0.115629	0	0.00361	0.119239	1.627803	1271.859835	1271860	28.99						2
0	0	4.27E-07	2.16E-05	0	0	2.16E-05	9.19E-06	0	0	9.19E-06	0	0	0	9.19E-06	1.05E-05	0	0	1.05E-05	0	0	0	1.05E-05	8.48E-05	0	0	8.48E-05	1.3E-06	0	0	1.3E-06	1.19E-06	0.012232808			12	28.48				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002322	0.002562	0.000292	0	0.001127	0.001419	0.000778	0	0.009682	0.01046	0.004716	0.001444	0.001441	0.018062	0.001135	0	0.010601	0.011736	0.004716	0.001444	0.001441	0.019338	0.117915	0	0.074301	0.192216	0.000722	0	3.65E-05	0.000759	0.010651	8.093608938								
0	1.882437	2.426746	1.233117	0	1.151709	2.384826	1.847055	0	7.931407	9.778461	9.446734	2.065761	6.914665	28.20562	2.695218	0	8.683892	11.37911	9.446734	2.065761	6.914665	29.80627	194.0863	0	88.06168	282.148	0.879442	0	0.025761	0.905203	12.61075	9655.301707	9655302	28.80						2
0	0	0.000804	0.048721	0	0	0.048721	0.017305	0	0	0.017305	0	0	0	0.017305	0.0197	0	0	0.0197	0	0	0	0.0197	0.180454	0	0	0.180454	0.00293	0	0	0.00293	0.003575	27.62436619			27624	37.87				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.027796	0.030545	0.003336	0	0.013414	0.01675	0.008941	0	0.116528	0.125469	0.071828	0.020249	0.025032	0.242579	0.013047	0	0.127584	0.140631	0.071828	0.020249	0.025032	0.25774	1.357064	0	0.894612	2.251675	0.008319	0	0.000468	0.008787	0.122846	93.72178927								
0.046263	0.176117	0.257291	0.067636	0.001304	0.310501	0.379442	0.145136	0.16135	0.818452	1.124938	1.04717	0.21943	1.42409	3.815629	0.211782	0.235441	0.896102	1.343326	1.04717	0.21943	1.42409	4.034016	11.24771	1.840402	23.39178	36.4799	0.115344	0.000538	0.001779	0.117661	0.790485	1255.022534	1255023	12.70						2
0.00182	0	0.059644	1.085972	0.006923	0	1.092894	1.244916	0.039176	0	1.284092	0	0	0	1.284092	1.417254	0.0446	0	1.461854	0	0	0	1.461854	3.322544	0.324714	0	3.647258	0.065313	0.000416	0	0.06573	2.508936	619.6609127			619661	18.30				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.005978	0.022234	0.031247	0.0088	0.000165	0.040374	0.049338	0.011469	0.020898	0.102286	0.134654	0.155523	0.030238	0.201163	0.521579	0.016736	0.030494	0.111991	0.159221	0.155523	0.030238	0.201163	0.546146	1.303911	0.24673	3.045995	4.596636	0.01661	8.38E-05	0.000231	0.016925	0.101233	180.5289769	180529	11.30						2
0.000829	0	0.027293	0.574701	0.005063	0	0.579764	0.569747	0.017849	0	0.587595	0	0	0	0.587595	0.648619	0.02032	0	0.668938	0	0	0	0.668938	1.480919	0.14794	0	1.628859	0.034564	0.000305	0	0.034869	1.151471	328.7206204			328721	15.57				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.238757	0.921232	0.16604	0	0.009439	0.175479	4.229837	0	1.727815	5.957653	3.349082	5.720961	6.155176	21.18287	5.215367	0	1.880021	7.095388	3.349082	5.720961	6.155176	22.32061	49.88098	0	12.35397	62.23494	0.008479	0	0.000656	0.009135	0.040851	97.44252309	97443	42.02						2
0	1.275371	1.642284	0.791326	0	0.721032	1.512358	1.327769	0	5.70498	7.032749	7.242953	1.540258	5.265263	21.08122	1.937478	0	6.246235	8.183713	7.242953	1.540258	5.265263	22.23219	120.5999	0	56.49891	177.0988	0.61529	0	0.018831	0.634121	7.146327	6763.823142	6763823	23.54						2
0	0	0.000861	0.123992	0	0	0.123992	0.018536	0	0	0.018536	0	0	0	0.018536	0.021102	0	0	0.021102	0	0	0	0.021102	0.458635	0	0	0.458635	0.007457	0	0	0.007457	0.006733	70.30213143			70302	28.03				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.017248	0.018914	0.002019	0	0.008303	0.010322	0.005433	0	0.072499	0.077931	0.048909	0.01345	0.017864	0.158155	0.007927	0	0.079377	0.087304	0.048909	0.01345	0.017864	0.167528	0.825606	0	0.556582	1.382189	0.005061	0	0.000355	0.005416	0.074817	57.76967824								
0	0.000204	0.002898	0.008524	0	0.000331	0.008855	0.008481	0	0.000755	0.009236	0.175998	0.035898	0.000953	0.222084	0.012376	0	0.000826	0.013202	0.175998	0.035898	0.000953	0.22605	0.145741	0	0.015904	0.161645	0.010945	0	1.78E-06	0.010947	0.026867	116.7675908	116768	4.64						2
0	0	0.001274	0.05552	0	0	0.05552	0.027424	0	0	0.027424	0	0	0	0.027424	0.031221	0	0	0.031221	0	0	0	0.031221	0.094114	0	0	0.094114	0.003339	0	0	0.003339	0.060861	31.47958465			31480	9.70				3
0.010407	0.030486	0.048621	0.018409	0.000252	0.022265	0.040926	0.032561	0.03934	0.153489	0.22539	0.088037	0.01633	0.159108	0.488866	0.047513	0.057405	0.168051	0.272969	0.088037	0.01633	0.159108	0.536445	0.638582	0.572063	2.992353	4.202998	0.029792	0.000191	0.000309	0.030291	0.087417	323.1016661	323102	5.45						2
0.002585	0	0.007246	2.005226	0.098298	0	2.103524	0.100364	0.05565	0	0.156014	0	0	0	0.156014	0.114257	0.063353	0	0.17761	0	0	0	0.17761	0.606	2.278276	0	2.884276	0.120522	0.005908	0	0.12643	2.664726	1192.678319			1192678	9.29				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.074527	0	0.19763	0.033416	0.00518	0	0.038596	0.001759	0.001065	0	0.002824	0	0	0	0.002824	0.125636	0.07606	0	0.201696	0	0	0	0.201696	0.462853	0.195907	0	0.65876	0	0	0	0	0.197512	21.88338495					21883	7.72		
0.001799	0.006361	0.010609	0.004674	4.06E-05	0.004953	0.009667	0.011609	0.007085	0.034623	0.053317	0.038242	0.007205	0.041985	0.140749	0.01694	0.010338	0.037908	0.065186	0.038242	0.007205	0.041985	0.152618	0.269057	0.054812	0.704416	1.028284	0.005178	3.4E-05	5.63E-05	0.005268	0.014895	56.19548866	56195	5.34						2
0.000527	0	0.002165	0.164996	0.004778	0	0.169775	0.035261	0.011345	0	0.046606	0	0	0	0.046606	0.040142	0.012915	0	0.053057	0	0	0	0.053057	0.126639	0.179418	0	0.306057	0.009917	0.000287	0	0.010204	0.179884	96.26064502			96261	7.90				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004086	0	0.040763	0.009577	0.00025	0	0.009827	0.000524	5.84E-05	0	0.000582	0	0	0	0.000582	0.037432	0.00417	0	0.041602	0	0	0	0.041602	0.148267	0.009112	0	0.157379	0	0	0	0	0.059141	5.571843847					5572	9.08		
0.017584	0.001936	0.020583	0.005962	0.000543	0.002175	0.008679	0.004636	0.074761	0.010598	0.089995	0.025865	0.004588	0.016881	0.137329	0.006765	0.109091	0.011604	0.12746	0.025865	0.004588	0.016881	0.174794	0.096956	0.577775	0.22258	0.897312	0.002986	0.000176	1.47E-05	0.003176	0.016487	33.88013716	33880	9.81						2
0.000134	0	0.000787	0.063295	0.005631	0	0.068927	0.014062	0.00288	0	0.016942	0	0	0	0.016942	0.016008	0.003279	0	0.019287	0	0	0	0.019287	0.048139	0.100034	0	0.148173	0.003804	0.000338	0	0.004143	0.067672	39.08079738			39081	8.38				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.082326	0	0.567605	0.039355	0.005122	0	0.044476	0.006934	0.001176	0	0.00811	0	0	0	0.00811	0.495263	0.08402	0	0.579282	0	0	0	0.579282	1.557594	0.162564	0	1.720159	0	0	0	0	0.137048	25.21770734					25218	4.65		
0	0.00063	0.001049	0.002019	0	0.000587	0.002606	0.001276	0	0.002511	0.003787	0.001025	0.00026	0.001023	0.006095	0.001862	0	0.00275	0.004611	0.001025	0.00026	0.001023	0.006919	0.107594	0	0.067183	0.174777	0.002197	0	5.5E-06	0.002202	0.009571	23.4883717	23488	8.21						2
0	0	0.000401	0.023854	0	0	0.023854	0.008628	0	0	0.008628	0	0	0	0.008628	0.009822	0	0	0.009822	0	0	0	0.009822	0.009914	0	0	0.009914	0.001435	0	0	0.001435	0.030574	13.52513905			13525	9.32				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	2.214136	0.203268	0	0	0.203268	0.03262	0	0	0.03262	0	0	0	0.03262	2.260763	0	0	2.260763	0	0	0	2.260763	25.72629	0	0	25.72629	0	0	0	0	0.517529	115.2510081					115251	4.20		
0	9.29E-08	0.000507	0.000697	0	2.29E-08	0.000697	0.002316	0	4.87E-07	0.002316	0.000114	2.07E-05	0.00021	0.002662	0.003379	0	5.33E-07	0.00338	0.000114	2.07E-05	0.00021	0.003725	0.173406	0	0.004571	0.177977	0.000107	0	4.63E-07	0.000108	0.000271	1.150642349	1151	4.75						2
0.120086	0	0.150488	11.78015	0.799018	0	12.57917	0.65454	2.585426	0	3.239966	0	0	0	3.239966	0.745143	2.943311	0	3.688454	0	0	0	3.688454	2.565102	38.13654	0	40.70164	0.708034	0.048024	0	0.756058	12.38207	7132.272868			7132273	7.19				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.478394	0	1.870253	0.342757	0.041889	0	0.384647	0.029466	0.007201	0	0.036667	0	0	0	0.036667	1.431407	0.488653	0	1.92006	0	0	0	1.92006	10.22652	1.638594	0	11.86511	0	0	0	0	1.169704	218.090968					218091	6.07		
0	2.55631	3.238329	1.842131	0	1.702283	3.544414	2.169131	0	10.50083	12.66996	16.52398	3.552744	12.16607	44.91275	3.165191	0	11.49709	14.66228	16.52398	3.552744	12.16607	46.90507	284.6414	0	121.9927	406.6342	1.266463	0	0.0358	1.302263	22.29187	13890.5305	13890530	35.29						2
0	0	0.000224	0.014409	0	0	0.014409	0.004819	0	0	0.004819	0	0	0	0.004819	0.005486	0	0	0.005486	0	0	0	0.005486	0.106171	0	0	0.106171	0.000867	0	0	0.000867	0.001387	8.170007921			8170	49.67				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.102137	0.112165	0.012187	0	0.049211	0.061398	0.032617	0	0.428719	0.461336	0.443043	0.1047	0.185864	1.194943	0.047595	0	0.469393	0.516988	0.443043	0.1047	0.185864	1.250596	4.953564	0	3.292007	8.245572	0.030374	0	0.001448	0.031821	0.446074	339.4204083								
0	0.284541	0.385138	0.194025	0	0.155462	0.349487	0.390783	0	1.297245	1.688028	2.657519	0.545901	1.894611	6.78606	0.57023	0	1.42032	1.99055	2.657519	0.545901	1.894611	7.088582	30.13529	0	13.24371	43.379	0.113213	0	0.00351	0.116722	1.620202	1245.011204	1245011	29.32						2
0	0	2.95E-07	2.15E-05	0	0	2.15E-05	6.34E-06	0	0	6.34E-06	0	0	0	6.34E-06	7.22E-06	0	0	7.22E-06	0	0	0	7.22E-06	6.52E-05	0	0	6.52E-05	1.3E-06	0	0	1.3E-06	1.2E-06	0.012214502			12	28.70				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.002504	0.00276	0.00031	0	0.001213	0.001523	0.000829	0	0.010464	0.011293	0.005354	0.001599	0.001673	0.019919	0.00121	0	0.011457	0.012666	0.005354	0.001599	0.001673	0.021293	0.125575	0	0.080302	0.205877	0.000769	0	3.94E-05	0.000808	0.011336	8.623542504								
0	1.837086	2.366691	1.213248	0	1.154225	2.367473	1.773441	0	7.681104	9.454545	9.440355	2.005536	6.911665	27.8121	2.587801	0	8.409842	10.99764	9.440355	2.005536	6.911665	29.3552	192.5635	0	86.69741	279.261	0.875683	0	0.02565	0.901333	12.71388	9614.024115	9614024	29.07						2
0	0	0.00081	0.048588	0	0	0.048588	0.01743	0	0	0.01743	0	0	0	0.01743	0.019843	0	0	0.019843	0	0	0	0.019843	0.181892	0	0	0.181892	0.002922	0	0	0.002922	0.003597	27.54887218			27549	38.21				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								

0	0.029117	0.031959	0.00344	0	0.014024	0.017464	0.009256	0	0.122322	0.131577	0.080713	0.021797	0.028804	0.262891	0.013506	0	0.133927	0.147433	0.080713	0.021797	0.028804	0.278746	1.404313	0	0.93911	2.343423	0.008606	0	0.00049	0.009095	0.127034	97.01522627							
0.044426	0.168271	0.242932	0.059711	0.001257	0.29852	0.359487	0.123462	0.154611	0.779111	1.057184	1.036256	0.207908	1.399226	3.700574	0.180156	0.225608	0.853028	1.258792	1.036256	0.207908	1.399226	3.902182	10.58028	1.792731	22.69431	35.06732	0.110422	0.000522	0.001723	0.112667	0.761763	1201.75649	1201756	12.78					2
0.001769	0	0.0553	1.041115	0.00669	0	1.047805	1.15248	0.038088	0	1.190567	0	0	0	1.190567	1.312021	0.04336	0	1.355382	0	0	0	1.355382	3.052515	0.315691	0	3.368206	0.062615	0.000402	0	0.063018	2.438715	594.0958194			594096	18.37			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.005651	0.020839	0.029154	0.007826	0.000156	0.038228	0.04621	0.00989	0.019688	0.095377	0.124955	0.151765	0.028457	0.196504	0.501681	0.014432	0.028729	0.104426	0.147586	0.151765	0.028457	0.196504	0.524313	1.240365	0.23819	2.94968	4.428235	0.015769	8.05E-05	0.000222	0.016072	0.096938	171.434717	171435	11.40					2
0.000813	0	0.026029	0.553874	0.004947	0	0.558821	0.542885	0.017514	0	0.560399	0	0	0	0.560399	0.618039	0.019938	0	0.637977	0	0	0	0.637977	1.411217	0.145162	0	1.556379	0.033311	0.000298	0	0.033609	1.119715	316.8464529			316846	15.64			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.236673	0.913188	0.165319	0	0.009246	0.174564	4.175577	0	1.708999	5.884576	3.348223	5.750261	6.191293	21.17435	5.157106	0	1.859686	7.016792	3.348223	5.750261	6.191293	22.30657	49.34926	0	12.40039	61.74965	0.008479	0	0.000652	0.009131	0.040947	97.39196233	97392	42.07					2
0	1.23461	1.588207	0.772181	0	0.719416	1.491597	1.261902	0	5.474594	6.736496	7.196869	1.489603	5.226099	20.64907	1.841365	0	5.993991	7.835356	7.196869	1.489603	5.226099	21.74793	118.8628	0	55.30515	174.168	0.610685	0	0.018678	0.629363	7.198586	6713.069975	6713070	23.77					2
0	0	0.000801	0.120254	0	0	0.120254	0.017239	0	0	0.017239	0	0	0	0.017239	0.019625	0	0	0.019625	0	0	0	0.019625	0.439334	0	0	0.439334	0.007232	0	0	0.007232	0.006611	68.18289962			68183	28.37			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.018068	0.01979	0.002082	0	0.00868	0.010762	0.005624	0	0.076102	0.081727	0.055862	0.014501	0.021028	0.173117	0.008207	0	0.083322	0.091529	0.055862	0.014501	0.021028	0.18292	0.854367	0	0.58426	1.438627	0.005235	0	0.000372	0.005607	0.077364	59.80845835							
0	0.000198	0.002723	0.00816	0	0.000322	0.008482	0.007785	0	0.000728	0.008513	0.166944	0.032864	0.000901	0.209222	0.01136	0	0.000797	0.012157	0.166944	0.032864	0.000901	0.212866	0.132224	0	0.015348	0.147572	0.010763	0	1.73E-06	0.010764	0.026427	114.8172821	114817	4.64					2
0	0	0.001229	0.055076	0	0	0.055076	0.026468	0	0	0.026468	0	0	0	0.026468	0.030132	0	0	0.030132	0	0	0	0.030132	0.090002	0	0	0.090002	0.003312	0	0	0.003312	0.061498	31.22735117			31227	9.70			3
0.009984	0.029086	0.046043	0.016824	0.000238	0.021518	0.03858	0.029013	0.037771	0.145951	0.212735	0.086275	0.015345	0.156398	0.470754	0.042336	0.055115	0.159798	0.257249	0.086275	0.015345	0.156398	0.515268	0.562152	0.549229	2.814557	3.925939	0.02808	0.000182	0.000293	0.028555	0.082955	304.5783231	304578	5.49					2
0.002516	0	0.006863	1.952462	0.095406	0	2.047868	0.093586	0.054166	0	0.147752	0	0	0	0.147752	0.10654	0.061664	0	0.168204	0	0	0	0.168204	0.579065	2.230634	0	2.809699	0.117351	0.005734	0	0.123085	2.614099	1161.122176			1161122	9.35			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.073557	0	0.1953	0.032916	0.005147	0	0.038063	0.001739	0.001051	0	0.00279	0	0	0	0.00279	0.124248	0.07507	0	0.199318	0	0	0	0.199318	0.455839	0.196574	0	0.652413	0	0	0	0	0.194943	21.58127594					21581	7.73	
0.001722	0.006078	0.010072	0.004298	3.84E-05	0.004723	0.009059	0.010777	0.006808	0.033179	0.050764	0.037084	0.006834	0.04054	0.135222	0.015726	0.009934	0.036327	0.061987	0.037084	0.006834	0.04054	0.146445	0.247934	0.052661	0.672764	0.973358	0.00482	3.26E-05	5.39E-05	0.004907	0.013951	52.33840168	52338	5.37					2
0.000525	0	0.002084	0.164828	0.004713	0	0.169541	0.033561	0.011296	0	0.044857	0	0	0	0.044857	0.038207	0.01286	0	0.051067	0	0	0	0.051067	0.121712	0.178921	0	0.300633	0.009907	0.000283	0	0.01019	0.18084	96.12833078			96128	7.94			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.004096	0	0.041309	0.009639	0.000253	0	0.009891	0.000532	5.85E-05	0	0.00059	0	0	0	0.00059	0.037979	0.00418	0	0.042159	0	0	0	0.042159	0.149718	0.009363	0	0.15908	0	0	0	0	0.059804	5.608363442					5608	9.13	
0.017183	0.001875	0.019919	0.005539	0.000527	0.002144	0.008209	0.003646	0.073013	0.010234	0.086894	0.027732	0.004676	0.018291	0.137593	0.005321	0.106541	0.011205	0.123067	0.027732	0.004676	0.018291	0.173766	0.074039	0.56427	0.21471	0.853018	0.0029	0.000171	1.43E-05	0.003086	0.01608	32.91222256	32912	9.85					2
0.00013	0	0.000696	0.060716	0.005402	0	0.066118	0.012179	0.002807	0	0.014986	0	0	0	0.014986	0.013865	0.003195	0	0.01706	0	0	0	0.01706	0.043103	0.099848	0	0.14295	0.003649	0.000325	0	0.003974	0.066869	37.48851054			37489	8.42			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.081928	0	0.55532	0.038587	0.005126	0	0.043713	0.006764	0.001171	0	0.007934	0	0	0	0.007934	0.483132	0.083613	0	0.566745	0	0	0	0.566745	1.511982	0.164309	0	1.676291	0	0	0	0	0.135	24.78486904					24785	4.66	
0	0.00061	0.00102	0.001987	0	0.000583	0.002571	0.001246	0	0.002431	0.003677	0.001022	0.00026	0.001022	0.005982	0.001819	0	0.002662	0.00448	0.001022	0.00026	0.001022	0.006785	0.109263	0	0.066579	0.175843	0.002147	0	5.29E-06	0.002152	0.009569	22.95697594	22957	8.40					2
0	0	0.000374	0.022011	0	0	0.022011	0.008051	0	0	0.008051	0	0	0	0.008051	0.009166	0	0	0.009166	0	0	0	0.009166	0.009363	0	0	0.009363	0.001324	0	0	0.001324	0.027797	12.47989377			12480	9.18			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	2.022877	0.185446	0	0	0.185446	0.029914	0	0	0.029914	0	0	0	0.029914	2.065599	0	0	2.065599	0	0	0	2.065599	23.51751	0	0	23.51751	0	0	0	0	0.47123	105.1463655					105146	4.19	
0	1.23E-07	0.000487	0.000658	0	0	0.000658	0.002224	0	6.51E-07	0.002224	0.00011	1.87E-05	0.000202	0.002554	0.003245	0	7.13E-07	0.003246	0.00011	1.87E-05	0.000202	0.003576	0.167445	0	0.004415	0.17186	0.000102	0	4.4E-07	0.000103	0.00026	1.095216047	1095	4.79					2
0.122275	0	0.152949	11.90155	0.807888	0	12.70944	0.660395	2.632547	0	3.292942	0	0	0	3.292942	0.75181	2.996954	0	3.748764	0	0	0	3.748764	2.567754	38.84147	0	41.40922	0.71533	0.048557	0	0.763888	12.61773	7206.134112			7206134	7.24			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.47109	0	1.80302	0.338382	0.041616	0	0.379999	0.028134	0.007078	0	0.035212	0	0	0	0.035212	1.369704	0.481178	0	1.850882	0	0	0	1.850882	9.906659	1.639316	0	11.54598	0	0	0	0	1.164555	215.4558337					215456	6.10	
0	2.468585	3.129556	1.823806	0	1.688998	3.512804	2.073695	0	10.04593	12.11962	16.25963	3.385724	11.9693	43.73428	3.025931	0	10.99903	14.02496	16.25963	3.385724	11.9693	45.63961	281.0627	0	118.7341	399.7968	1.25849	0	0.035486	1.293976	22.40025	13802.13478	13802135	35.55					2
0	0	0.000191	0.013236	0	0	0.013236	0.004118	0	0	0.004118	0	0	0	0.004118	0.004688	0	0	0.004688	0	0	0	0.004688	0.094037	0	0	0.094037	0.000796	0	0	0.000796	0.001295	7.50483822			7505	50.48			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.103197	0.113205	0.012151	0	0.049634	0.061784	0.032595	0	0.433956	0.466551	0.484855	0.107354	0.20586	1.264619	0.047562	0	0.475127	0.522689	0.484855	0.107354	0.20586	1.320757	4.95106	0	3.332293	8.283353	0.030358	0	0.001457	0.031815	0.446605	339.3508965							
0	0.265152	0.355217	0.182659	0	0.151478	0.334137	0.341542	0	1.188768	1.53031	2.488828	0.499897	1.762486	6.281522	0.498378	0	1.301551	1.799929	2.488828	0.499897	1.762486	6.551141	28.21937	0	12.28239	40.50176	0.11111	0	0.003423	0.114533	1.614395	1221.662813	1221663	29.63					2
0	0	2.99E-07	2.2E-05	0	0	2.2E-05	6.43E-06	0	0	6.43E-06	0	0	0	6.43E-06	7.32E-06	0	0	7.32E-06	0	0	0	7.32E-06	6.64E-05	0	0	6.64E-05	1.32E-06	0	0	1.32E-06	1.23E-06	0.012478996			12	28.81			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.002678	0.002948	0.000326	0	0.001295	0.001621	0.000875	0	0.011214	0.012089	0.006105	0.001762	0.001953	0.02191	0.001277	0	0.012278	0.013555	0.006105	0.001762	0.001953	0.023375	0.132534	0	0.086062	0.218596	0.000812	0	4.22E-05	0.000854	0.011968	9.109101408							
0	1.797155	2.314189	1.196341	0	1.157094	2.353435	1.710718	0	7.461098	9.171816	9.627039	1.968721	7.065984	27.83356	2.496276	0	8.168963	10.66524	9.627039	1.968721	7.065984	29.32698	191.2661	0	85.55766	276.8238	0.872274	0	0.025557	0.897831	12.80133	9576.67344	9576673	29.31					2
0	0	0.000814	0.048523	0	0	0.048523	0.017519	0	0	0.017519	0	0	0	0.017519	0.019944	0	0	0.019944	0	0	0	0.019944	0.182976	0	0	0.182976	0.002918	0	0	0.002918	0.00362	27.51184754			27512	38.50			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.03033	0.033249	0.00353	0	0.01458	0.01811	0.009522	0	0.127661	0.137183	0.088887	0.023128	0.031922	0.281119	0.013895	0	0.139772	0.153667	0.088887	0.023128	0.031922	0.297603	1.444927	0	0.980125	2.425052	0.008855	0	0.000509	0.009365	0.130739	99.88607905							
0.042725	0.161262	0.230275	0.053053	0.001212	0.287611	0.341875	0.105145	0.148414	0.744277	0.997837	1.041176	0.198928	1.396611	3.634551	0.153428	0.216566	0.81489	1.184883	1.041176	0.198928	1.396611	3.821598	10.00912	1.747723	22.05454	33.81139	0.106037	0.000506	0.00167	0.108213	0.735666	1154.250864	1154251	12.85					2
0.001717	0	0.05114	0.999158	0.006453	0	1.005611	1.064048	0.036966	0	1.101014	0	0	0	1.101014	1.211348	0.042083	0	1.253431	0	0	0	1.253431	2.795975	0.306394	0	3.102368	0.060092	0.000388	0	0.06048	2.372052	570.172133			570172	18.43			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.00535	0.019592	0.027323	0.007041	0.000149	0.036243	0.043433	0.008714	0.018575	0.08923	0.116519	0.149984	0.027011	0.194539	0.488052	0.012715	0.027105	0.097695	0.137515	0.149984	0.027011	0.194539	0.509049	1.189966	0.230279	2.86389	4.284134	0.015029	7.75E-05	0.000214	0.01532	0.093095	163.4144311	163414	11.48					2
0.000797	0	0.024764	0.534121	0.004824	0	0.538946	0.516013	0.017151	0	0.533164	0	0	0	0.533164	0.587446	0.019526	0	0.606972	0	0	0	0.606972	1.341737	0.142159	0	1.483896	0.032124	0.00029	0	0.032414	1.089369	305.5773085			305577	15.70			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.235038	0.906151	0.164711	0	0.009079	0.17379	4.126723	0	1.693915	5.820638	3.348949	5.782925	6.229913	21.18243	5.104439	0	1.843399	6.947839	3.348949	5.782925	6.229913	22.30963	48.87451	0	12.45774	61.33226	0.008479	0	0.000649	0.009128	0.04104	97.35963584	97360	42.12					2
0	1.197553	1.538468	0.755186	0	0.718648	1.473834	1.198395	0	5.26268	6.461075	7.213213	1.44429	5.23641	20.35499	1.748695	0	5.761973	7.510668	7.213213	1.44429	5.23641	21.40458	117.2099	0	54.16375	171.3737	0.606661	0	0.018544	0.625205	7.245009	6668.715559	6668716	23.99					2
0	0	0.000741	0.116994	0	0	0.116994	0.015961	0	0	0.015961	0	0	0	0.015961	0.018171	0	0	0.018171	0	0	0	0.018171	0.420577	0	0	0.420577	0.007036	0	0	0.007036	0.006504	66.3344031			66334	28.69			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.01884	0.020611	0.002138	0	0.009034	0.011172	0.005792	0	0.079513	0.085305	0.063218	0.015547	0.024255	0.188324	0.008452	0	0.087056	0.095508	0.063218	0.015547	0.024255	0.198528	0.879868	0	0.610457	1.490325	0.005392	0	0.000387	0.005779	0.079687	61.64297188							
0	0.000193	0.002574	0.007844	0	0.000313	0.008157	0.007188	0	0.000705	0.007893	0.1627	0.030522	0.000876	0.201992	0.010489	0	0.000772	0.011261	0.1627	0.030522	0.000876	0.205359	0.120719	0	0.014844	0.135563	0.010607	0	1.69E-06	0.010609	0.026049	113.1590356	113159	4.64					2
0	0	0.001184	0.054608	0	0	0.054608	0.025499	0	0	0.025499	0	0	0	0.025499	0.029028	0	0	0.029028	0	0	0	0.029028	0.08586	0	0	0.08586	0.003284	0	0	0.003284	0.062058	30.96235713			30962	9.70			3
0.009576	0.027792	0.043663	0.0155	0.000224	0.020552	0.036277	0.025842	0.036252	0.138993	0.201087	0.085224	0.014461	0.154973	0.455746	0.037709	0.052899	0.15218	0.242788	0.085224	0.014461	0.154973	0.497446	0.495869	0.52714	2.645459	3.668469	0.026516	0.000173	0.000279	0.026968	0.078841	287.652024	287652	5.53					2
0.002452	0	0.006535	1.905894	0.09261	0	1.998504	0.087912	0.052781	0	0.140693	0	0	0	0.140693	0.100081	0.060087	0	0.160168	0	0	0	0.160168	0.555726	2.184059	0	2.739785	0.114552	0.005566	0	0.120118	2.5694	1133.132761			1133133	9.41			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.072464	0	0.192968	0.032459	0.005105	0	0.037564	0.001722	0.001035	0	0.002757	0	0	0	0.002757	0.122983	0.073955	0	0.196938	0	0	0	0.196938	0.449494	0.19683	0	0.646325	0	0	0	0	0.192583	21.29860626					21299	7.74	
0.001654	0.005873	0.009657	0.003998	3.64E-05	0.004539	0.008573	0.010121	0.006572	0.032162	0.048855	0.036339	0.006568	0.039671	0.131433	0.014769	0.00959	0.035213	0.059572	0.036339	0.006568	0.039671	0.14215	0.232129	0.050833	0.647288	0.930249	0.004511	3.13E-05	5.18E-05	0.004594	0.013131	49.0014338	49001	5.40					2
0.000523	0	0.001999	0.164692	0.004654	0	0.169346	0.031781	0.011261	0	0.043042	0	0	0	0.043042	0.03618	0.012819	0	0.049	0	0	0	0.049	0.11663	0.178638	0	0.295268	0.009899	0.00028	0	0.010178	0.181823	96.01784543			96018	7.98			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.004102	0	0.041771	0.009684	0.000255	0	0.009938	0.000538	5.86E-05	0	0.000597	0	0	0	0.000597	0.038444	0.004186	0	0.04263	0	0	0	0.04263	0.150877	0.009604	0	0.160481	0	0	0	0	0.060336	5.634936111					5635	9.16	
0.016683	0.001817	0.019328	0.005357	0.000507	0.002114	0.007978	0.003504	0.070899	0.009919	0.084322	0.029388	0.004732	0.019579	0.138021	0.005113	0.103456	0.01086	0.119429	0.029388	0.004732	0.019579	0.173128	0.071624	0.547931	0.209301	0.828857	0.002799	0.000165	1.39E-05	0.002978	0.01559	31.7630559	31763	9.89					2
0.000127	0	0.000614	0.058247	0.005179	0	0.063427	0.010478	0.002732	0	0.01321	0	0	0	0.01321	0.011929	0.00311	0	0.015039	0	0	0	0.015039	0.038487	0.099522	0	0.138009	0.003501	0.000311	0	0.003812	0.065968	35.96245637			35962	8.46			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.081224	0	0.541527	0.037728	0.005114	0	0.042842	0.006577	0.001161	0	0.007737	0	0	0	0.007737	0.469773	0.082895	0	0.552668	0	0	0	0.552668	1.462323	0.165696	0	1.628019	0	0	0	0	0.13264	24.29077369					24291	4.67	
0	0.000504	0.000844	0.001556	0	0.000532	0.002087	0.001017	0	0.00198	0.002997	0.000961	0.000248	0.000965	0.005171	0.001483	0	0.002168	0.003651	0.000961	0.000248	0.000965	0.005825	0.105877	0	0.060885	0.166762	0.001866	0	4.54E-06	0.00187	0.009039	19.94748559	19947	9.14					2
0	0	0.000346	0.020168	0	0	0.020168	0.007457	0	0	0.007457	0	0	0	0.007457	0.008489	0	0	0.008489	0	0	0	0.008489	0.008811	0	0	0.008811	0.001213	0	0	0.001213	0.025171	11.43506561			11435	9.08			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	1.643629	0.146898	0	0	0.146898	0.024518	0	0	0.024518	0	0	0	0.024518	1.678572	0	0	1.678572	0	0	0	1.678572	19.07167	0	0	19.07167	0	0	0	0	0.385914	83.28983457					83290	4.33	
0	1.24E-07	0.000467	0.000621	0	3.95E-07	0.000621	0.002129	0	6.53E-07	0.00213	9.79E-05	1.63E-05	0.00018	0.002424	0.003107	0	7.15E-07	0.003107	9.79E-05	1.63E-05	0.00018	0.003401	0.161184	0	0.004276	0.16546	9.75E-05	0	4.2E-07	9.79E-05	0.00025	1.044020259	1044	4.83					2
0.124671	0	0.155639	12.04708	0.81888	0	12.86596	0.666726	2.684138	0	3.350864	0	0	0	3.350864	0.759017	3.055687	0	3.814703	0	0	0	3.814703	2.58838	39.61098	0	42.19936	0.724077	0.049218	0	0.773295	12.86954	7294.877588			7294878	7.30			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.463712	0	1.736168	0.333141	0.041299	0	0.37444	0.026775	0.006955	0	0.03373	0	0	0	0.03373	1.308427	0.473627	0	1.782054	0	0	0	1.782054	9.552707	1.638285	0	11.19099	0	0	0	0	1.158274	212.3040931					212304	6.14	
0	2.391551	3.034569	1.808694	0	1.678485	3.487179	1.991077	0	9.641234	11.63231	15.79213	3.212185	11.60525	42.24188	2.905375	0	10.55594	13.46131	15.79213	3.212185	11.60525	44.07088	278.5068	0	115.8775	394.3843	1.252154	0	0.035239	1.287392	22.49547	13731.91174	13731912	35.78					2
0	0	0.000167	0.012313	0	0	0.012313	0.003604	0	0	0.003604	0	0	0	0.003604	0.004103	0	0	0.004103	0	0	0	0.004103	0.084732	0	0	0.084732	0.000741	0	0	0.000741	0.001223	6.981488255			6981	51.26			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.104101	0.114103	0.012126	0	0.049985	0.062112	0.032612	0	0.438491	0.471103	0.510306	0.108313	0.216929	1.30665	0.047587	0	0.480092	0.527679	0.510306	0.108313	0.216929	1.363227	4.954139	0	3.367178	8.321317	0.030361	0	0.001464	0.031825	0.446807	339.4576406							
0	0.24725	0.327747	0.172162	0	0.147811	0.319973	0.296792	0	1.088559	1.38535	2.376427	0.46013	1.679048	5.900956	0.433078	0	1.191835	1.624912	2.376427	0.46013	1.679048	6.140518	26.62408	0	11.4509	38.07499	0.109227	0	0.003346	0.112573	1.608636	1200.754229	1200754	29.92					2
0	0	3.03E-07	2.24E-05	0	0	2.24E-05	6.52E-06	0	0	6.52E-06	0	0	0	6.52E-06	7.42E-06	0	0	7.42E-06	0	0	0	7.42E-06	6.76E-05	0	0	6.76E-05	1.35E-06	0	0	1.35E-06	1.26E-06	0.012708627			13	28.92			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.002844	0.003126	0.000341	0	0.001372	0.001714	0.000919	0	0.011932	0.012851	0.006909	0.001928	0.002252	0.023939	0.001341	0	0.013064	0.014404	0.006909	0.001928	0.002252	0.025493	0.139153	0	0.091571	0.230724	0.000852	0	4.48E-05	0.000897	0.012549	9.565630941							
0	1.760867	2.2662	1.180404	0	1.160045	2.340449	1.651468	0	7.25887	8.910338	9.669066	1.920699	7.101316	27.60142	2.409818	0	7.947549	10.35737	9.669066	1.920699	7.101316	29.04845	190.285	0	84.49983	274.7848	0.869324	0	0.02548	0.894804	12.87604	9544.384105	9544384	29.52					2
0	0	0.00082	0.048489	0	0	0.048489	0.01766	0	0	0.01766	0	0	0	0.01766	0.020105	0	0	0.020105	0	0	0	0.020105	0.184634	0	0	0.184634	0.002916	0	0	0.002916	0.003642	27.49287638			27493	38.76			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.031434	0.034425	0.003611	0	0.015083	0.018694	0.009774	0	0.132548	0.142321	0.098526	0.024562	0.035814	0.301223	0.014262	0	0.145123	0.159385	0.098526	0.024562	0.035814	0.318286	1.482984	0	1.01767	2.500654	0.009084	0	0.000527	0.009611	0.133989	102.5128473							
0.041096	0.154511	0.217515	0.046263	0.001169	0.277404	0.324835	0.084544	0.142439	0.710302	0.937285	1.024334	0.187063	1.363225	3.511907	0.123367	0.207847	0.777691	1.108904	1.024334	0.187063	1.363225	3.683526	9.393099	1.702867	21.38069	32.47666	0.101753	0.000491	0.001616	0.103861	0.711322	1107.828843	1107829	12.94					2
0.001667	0	0.047263	0.959204	0.006227	0	0.965431	0.981668	0.035885	0	1.017553	0	0	0	1.017553	1.117564	0.040853	0	1.158417	0	0	0	1.158417	2.560673	0.297432	0	2.858106	0.057689	0.000375	0	0.058064	2.308534	547.3905406			547391	18.52			3

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.005066	0.018433	0.025626	0.006358	0.000142	0.03435	0.04085	0.007662	0.017522	0.083521	0.108705	0.144401	0.02528	0.187995	0.466381	0.01118	0.025569	0.091445	0.128194	0.144401	0.02528	0.187995	0.485869	1.143767	0.222692	2.783113	4.149572	0.014321	7.45E-05	0.000206	0.014601	0.089577	155.745643	155746	11.59						2
0.000779	0	0.023466	0.514695	0.004699	0	0.519394	0.488435	0.016775	0	0.505209	0	0	0	0.505209	0.55605	0.019097	0	0.575147	0	0	0	0.575147	1.26996	0.139039	0	1.408999	0.030955	0.000283	0	0.031238	1.06027	294.4915766			294492	15.79				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.233474	0.899912	0.164166	0	0.00892	0.173086	4.083748	0	1.679451	5.7632	3.348114	5.814384	6.266282	21.19198	5.058454	0	1.827787	6.886241	3.348114	5.814384	6.266282	22.31502	48.47828	0	12.5156	60.99388	0.008479	0	0.000646	0.009125	0.041124	97.33116134	97331	42.16						2
0	1.165198	1.495046	0.740717	0	0.718654	1.459372	1.142282	0	5.077275	6.219557	7.15715	1.395652	5.1867	19.95906	1.666815	0	5.558977	7.225792	7.15715	1.395652	5.1867	20.96529	115.9849	0	53.17059	169.1555	0.603258	0	0.018435	0.621693	7.285842	6631.261993	6631262	24.17						2
0	0	0.000697	0.114087	0	0	0.114087	0.015003	0	0	0.015003	0	0	0	0.015003	0.01708	0	0	0.01708	0	0	0	0.01708	0.405603	0	0	0.405603	0.006861	0	0	0.006861	0.00641	64.68614309			64686	29.00				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.019556	0.021373	0.002189	0	0.009359	0.011549	0.005953	0	0.082688	0.088641	0.074095	0.016904	0.029403	0.209043	0.008687	0	0.090533	0.09922	0.074095	0.016904	0.029403	0.219622	0.904154	0	0.634853	1.539007	0.005538	0	0.000401	0.005939	0.081762	63.34979975								
0	0.000188	0.002452	0.007578	0	0.000304	0.007882	0.006706	0	0.000685	0.007391	0.155692	0.028127	0.000839	0.192049	0.009786	0	0.00075	0.010535	0.155692	0.028127	0.000839	0.195194	0.111441	0	0.014416	0.125858	0.010468	0	1.66E-06	0.010469	0.025718	111.6695592	111670	4.64						2
0	0	0.001138	0.054097	0	0	0.054097	0.024492	0	0	0.024492	0	0	0	0.024492	0.027882	0	0	0.027882	0	0	0	0.027882	0.081654	0	0	0.081654	0.003254	0	0	0.003254	0.06256	30.67225589			30672	9.71				3
0.009194	0.026572	0.041507	0.01427	0.000211	0.019781	0.034263	0.023257	0.034831	0.132509	0.190597	0.08271	0.013502	0.150978	0.437787	0.033937	0.050825	0.145081	0.229843	0.08271	0.013502	0.150978	0.477032	0.441193	0.506474	2.497793	3.44546	0.025093	0.000165	0.000266	0.025524	0.075096	272.2533154	272253	5.56						2
0.002393	0	0.006252	1.863545	0.08999	0	1.953536	0.083081	0.051513	0	0.134594	0	0	0	0.134594	0.094581	0.058643	0	0.153225	0	0	0	0.153225	0.534099	2.140194	0	2.674292	0.112006	0.005409	0	0.117415	2.529912	1107.636453			1107636	9.47				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.071177	0	0.189982	0.031914	0.005047	0	0.036961	0.001697	0.001017	0	0.002714	0	0	0	0.002714	0.121249	0.072641	0	0.193891	0	0	0	0.193891	0.440318	0.196379	0	0.636697	0	0	0	0	0.190022	20.95660054					20957	7.76		
0.001591	0.005614	0.009208	0.003717	3.47E-05	0.004283	0.008035	0.009506	0.006344	0.030775	0.046626	0.035095	0.006223	0.038177	0.126121	0.013871	0.009258	0.033695	0.056824	0.035095	0.006223	0.038177	0.136319	0.216064	0.049065	0.619155	0.884284	0.004238	3.01E-05	4.98E-05	0.004318	0.012405	46.05351165	46054	5.43						2
0.000521	0	0.001905	0.164565	0.004597	0	0.169161	0.029791	0.011222	0	0.041013	0	0	0	0.041013	0.033915	0.012775	0	0.04669	0	0	0	0.04669	0.11123	0.178308	0	0.289539	0.009891	0.000276	0	0.010167	0.182822	95.91280507			95913	8.02				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004116	0	0.042186	0.009724	0.000257	0	0.009981	0.000544	5.88E-05	0	0.000603	0	0	0	0.000603	0.038853	0.004201	0	0.043054	0	0	0	0.043054	0.151977	0.009833	0	0.161809	0	0	0	0	0.060797	5.659107725					5659	9.19		
0.016104	0.001749	0.018646	0.005104	0.000485	0.002046	0.007635	0.003355	0.06845	0.009549	0.081354	0.029255	0.004583	0.019628	0.134821	0.004895	0.099883	0.010455	0.115233	0.029255	0.004583	0.019628	0.1687	0.068827	0.529005	0.202481	0.800313	0.002683	0.000159	1.33E-05	0.002855	0.015022	30.44828847	30448	9.95						2
0.000123	0	0.000536	0.055857	0.004962	0	0.060819	0.008883	0.002654	0	0.011537	0	0	0	0.011537	0.010113	0.003021	0	0.013134	0	0	0	0.013134	0.034153	0.099007	0	0.13316	0.003357	0.000298	0	0.003655	0.064996	34.48382834			34484	8.51				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.080095	0	0.526625	0.036808	0.005079	0	0.041886	0.00638	0.001144	0	0.007524	0	0	0	0.007524	0.455716	0.081743	0	0.537459	0	0	0	0.537459	1.410657	0.166542	0	1.577199	0	0	0	0	0.130044	23.74913871					23749	4.69		
0	0.000445	0.000744	0.001345	0	0.000503	0.001849	0.00088	0	0.001725	0.002605	0.000888	0.000235	0.00091	0.004638	0.001284	0	0.001889	0.003172	0.000888	0.000235	0.00091	0.005206	0.10394	0	0.057933	0.161874	0.001714	0	4.12E-06	0.001718	0.008833	18.32898647	18329	9.71						2
0	0	0.000322	0.018613	0	0	0.018613	0.006924	0	0	0.006924	0	0	0	0.006924	0.007882	0	0	0.007882	0	0	0	0.007882	0.008253	0	0	0.008253	0.001119	0	0	0.001119	0.023133	10.55317124			10553	9.04				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	1.331452	0.120845	0	0	0.120845	0.020074	0	0	0.020074	0	0	0	0.020074	1.35999	0	0	1.35999	0	0	0	1.35999	15.41637	0	0	15.41637	0	0	0	0	0.315109	68.51773615					68518	4.30		
0	1.29E-07	0.000448	0.000586	0	1.49E-06	0.000588	0.002037	0	6.77E-07	0.002038	8.86E-05	1.45E-05	0.000164	0.002305	0.002973	0	7.41E-07	0.002973	8.86E-05	1.45E-05	0.000164	0.00324	0.155077	0	0.004141	0.159218	9.3E-05	0	4.02E-07	9.34E-05	0.00024	0.996324079	996	4.87						2
0.127269	0	0.158639	12.22055	0.831796	0	13.05235	0.675389	2.740076	0	3.415465	0	0	0	3.415465	0.768879	3.119368	0	3.888246	0	0	0	3.888246	2.605882	40.44369	0	43.04957	0.734504	0.049994	0	0.784498	13.13687	7400.559815			7400560	7.34				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.457364	0	1.678992	0.328779	0.041002	0	0.369781	0.025486	0.006842	0	0.032328	0	0	0	0.032328	1.255911	0.467123	0	1.723034	0	0	0	1.723034	9.26953	1.636904	0	10.90643	0	0	0	0	1.151904	209.6624162					209662	6.16		
0	2.324196	2.951442	1.796106	0	1.67041	3.466516	1.917566	0	9.280551	11.19812	15.27617	3.049292	11.1961	40.71967	2.798108	0	10.16104	12.95914	15.27617	3.049292	11.1961	42.4807	276.093	0	113.3815	389.4745	1.247501	0	0.035048	1.282549	22.58035	13680.24697	13680247	35.97						2
0	0	0.000148	0.011603	0	0	0.011603	0.003195	0	0	0.003195	0	0	0	0.003195	0.003637	0	0	0.003637	0	0	0	0.003637	0.077318	0	0	0.077318	0.000698	0	0	0.000698	0.001168	6.578919841			6579	51.95				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.104877	0.114858	0.012092	0	0.050284	0.062376	0.032573	0	0.442419	0.474992	0.520247	0.107962	0.219115	1.322315	0.04753	0	0.484393	0.531923	0.520247	0.107962	0.219115	1.379247	4.949024	0	3.3974	8.346424	0.030329	0	0.00147	0.031799	0.446808	339.1855923								
0	0.2311	0.302968	0.16314	0	0.144612	0.307752	0.256472	0	0.998043	1.254516	2.207324	0.416706	1.548529	5.427075	0.374244	0	1.092732	1.466976	2.207324	0.416706	1.548529	5.639535	25.20358	0	10.72628	35.92986	0.107574	0	0.003277	0.110851	1.603445	1182.383851	1182384	30.18						2
0	0	3.06E-07	2.28E-05	0	0	2.28E-05	6.59E-06	0	0	6.59E-06	0	0	0	6.59E-06	7.5E-06	0	0	7.5E-06	0	0	0	7.5E-06	6.86E-05	0	0	6.86E-05	1.37E-06	0	0	1.37E-06	1.28E-06	0.012917606			13	29.01				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003001	0.003295	0.000355	0	0.001445	0.0018	0.000957	0	0.012615	0.013572	0.007781	0.002098	0.002577	0.026029	0.001397	0	0.013811	0.015208	0.007781	0.002098	0.002577	0.027665	0.145006	0	0.096814	0.24182	0.000888	0	4.74E-05	0.000935	0.013081	9.975841895								
0	1.729787	2.224502	1.166254	0	1.163531	2.329785	1.597758	0	7.08323	8.680987	9.662552	1.874636	7.092216	27.31039	2.331444	0	7.755245	10.08669	9.662552	1.874636	7.092216	28.71609	189.2743	0	83.64761	272.9219	0.867086	0	0.025429	0.892516	12.94321	9519.977077	9519977	29.70						2
0	0	0.000824	0.048502	0	0	0.048502	0.017751	0	0	0.017751	0	0	0	0.017751	0.020208	0	0	0.020208	0	0	0	0.020208	0.185777	0	0	0.185777	0.002917	0	0	0.002917	0.003663	27.50031539			27500	38.98				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.032432	0.035482	0.003677	0	0.015537	0.019214	0.009977	0	0.136986	0.146963	0.110358	0.026166	0.040874	0.324361	0.014558	0	0.149982	0.164541	0.110358	0.026166	0.040874	0.341938	1.514048	0	1.05177	2.565818	0.009274	0	0.000543	0.009818	0.136822	104.7196188								
0.039609	0.148518	0.206398	0.040542	0.001129	0.268166	0.309837	0.067377	0.137036	0.680492	0.884905	1.005995	0.176366	1.328505	3.395771	0.098316	0.199963	0.745053	1.043332	1.005995	0.176366	1.328505	3.554198	8.853929	1.661025	20.75627	31.27123	0.098096	0.000477	0.001566	0.10014	0.689104	1068.141093	1068141	13.01						2
0.001619	0	0.043963	0.923411	0.006012	0	0.929422	0.911659	0.034845	0	0.946505	0	0	0	0.946505	1.037863	0.039669	0	1.077533	0	0	0	1.077533	2.356557	0.288817	0	2.645374	0.055536	0.000362	0	0.055898	2.248973	526.9737068			526974	18.58				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004803	0.017369	0.024038	0.005708	0.000135	0.03261	0.038454	0.006531	0.016548	0.07827	0.101349	0.141636	0.023842	0.18466	0.451488	0.009531	0.024146	0.085695	0.119373	0.141636	0.023842	0.18466	0.469511	1.09641	0.215534	2.703424	4.015368	0.01371	7.18E-05	0.000199	0.013981	0.086369	149.1238435	149124	11.68						2
0.000762	0	0.022328	0.497203	0.004575	0	0.501778	0.464307	0.016402	0	0.480709	0	0	0	0.480709	0.528583	0.018673	0	0.547256	0	0	0	0.547256	1.205768	0.13595	0	1.341718	0.029903	0.000275	0	0.030178	1.033063	284.5036172			284504	15.85				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.232045	0.894061	0.163679	0	0.00877	0.172449	4.043566	0	1.666078	5.709644	3.341618	5.845299	6.299677	21.19624	5.015174	0	1.813356	6.82853	3.341618	5.845299	6.299677	22.31512	48.08814	0	12.57459	60.66273	0.008479	0	0.000643	0.009122	0.041202	97.30374861	97304	42.20						2
0	1.131497	1.447386	0.724498	0	0.718396	1.442895	1.070565	0	4.877344	5.947909	7.017247	1.33344	5.066247	19.36484	1.562165	0	5.340078	6.902243	7.017247	1.33344	5.066247	20.31918	114.2	0	51.95799	166.158	0.600211	0	0.018329	0.61854	7.318377	6597.631204	6597631	24.34						2
0	0	0.000655	0.111589	0	0	0.111589	0.014093	0	0	0.014093	0	0	0	0.014093	0.016043	0	0	0.016043	0	0	0	0.016043	0.391136	0	0	0.391136	0.006711	0	0	0.006711	0.006329	63.27016808			63270	29.27				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.020216	0.022072	0.002233	0	0.009658	0.011891	0.006086	0	0.085633	0.091719	0.079271	0.017682	0.031277	0.21995	0.008881	0	0.093757	0.102638	0.079271	0.017682	0.031277	0.230869	0.924441	0	0.65747	1.581911	0.005662	0	0.000414	0.006077	0.083608	64.81857554								
0	0.000184	0.002333	0.007327	0	0.000294	0.007621	0.006226	0	0.000666	0.006892	0.144015	0.025366	0.000774	0.177047	0.009085	0	0.000729	0.009814	0.144015	0.025366	0.000774	0.17997	0.102657	0	0.014004	0.116661	0.010345	0	1.62E-06	0.010346	0.025418	110.357835	110358	4.64						2
0	0	0.001095	0.053636	0	0	0.053636	0.02358	0	0	0.02358	0	0	0	0.02358	0.026844	0	0	0.026844	0	0	0	0.026844	0.077758	0	0	0.077758	0.003226	0	0	0.003226	0.063015	30.41123635			30411	9.70				3
0.008835	0.025411	0.039467	0.013182	0.0002	0.01897	0.032352	0.020868	0.033485	0.126334	0.180687	0.080036	0.012584	0.146551	0.419858	0.030451	0.048861	0.138319	0.217631	0.080036	0.012584	0.146551	0.456802	0.393464	0.486892	2.361447	3.241804	0.023818	0.000158	0.000253	0.024228	0.071691	258.431638	258432	5.59						2
0.00234	0	0.006016	1.827486	0.087591	0	1.915076	0.079125	0.050388	0	0.129513	0	0	0	0.129513	0.090078	0.057363	0	0.147441	0	0	0	0.147441	0.517095	2.100051	0	2.617146	0.109839	0.005265	0	0.115104	2.496588	1085.830228			1085830	9.52				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.069839	0	0.187261	0.031434	0.004983	0	0.036416	0.001678	0.000998	0	0.002676	0	0	0	0.002676	0.119838	0.071276	0	0.191113	0	0	0	0.191113	0.433614	0.195568	0	0.629181	0	0	0	0	0.187494	20.64768276					20648	7.77		
0.001534	0.005385	0.008784	0.003445	3.33E-05	0.004009	0.007487	0.008838	0.006133	0.029517	0.044488	0.034052	0.005891	0.036804	0.121236	0.012896	0.00895	0.032317	0.054163	0.034052	0.005891	0.036804	0.130911	0.200092	0.047424	0.58925	0.836767	0.003999	2.9E-05	4.79E-05	0.004076	0.011768	43.47570015	43476	5.46						2
0.00052	0	0.001819	0.164502	0.004546	0	0.169048	0.027981	0.011192	0	0.039173	0	0	0	0.039173	0.031854	0.012741	0	0.044596	0	0	0	0.044596	0.106301	0.178086	0	0.284387	0.009887	0.000273	0	0.01016	0.183806	95.84860056			95849	8.06				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004137	0	0.042527	0.009756	0.000259	0	0.010015	0.000549	5.91E-05	0	0.000608	0	0	0	0.000608	0.03918	0.004222	0	0.043402	0	0	0	0.043402	0.152834	0.01005	0	0.162884	0	0	0	0	0.061183	5.678524247					5679	9.22		
0.015454	0.001683	0.017895	0.004851	0.000461	0.001977	0.007289	0.00321	0.065703	0.009188	0.0781	0.028055	0.004321	0.018923	0.129399	0.004684	0.095873	0.01006	0.110617	0.028055	0.004321	0.018923	0.161916	0.06598	0.507769	0.194567	0.768316	0.002556	0.000151	1.27E-05	0.00272	0.0144	29.01329644	29013	10.01						2
0.000119	0	0.000462	0.053546	0.00475	0	0.058296	0.007373	0.00257	0	0.009943	0	0	0	0.009943	0.008393	0.002926	0	0.011319	0	0	0	0.011319	0.030083	0.098233	0	0.128316	0.003218	0.000286	0	0.003504	0.063929	33.05349022			33053	8.55				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.078454	0	0.50968	0.035766	0.005015	0	0.040781	0.006161	0.001121	0	0.007282	0	0	0	0.007282	0.440098	0.080068	0	0.520166	0	0	0	0.520166	1.353901	0.166735	0	1.520636	0	0	0	0	0.127046	23.12235846					23122	4.70		
0	0.00034	0.000566	0.000937	0	0.000447	0.001384	0.000633	0	0.001267	0.0019	0.00084	0.000219	0.000863	0.003823	0.000924	0	0.001387	0.002311	0.00084	0.000219	0.000863	0.004234	0.099687	0	0.052378	0.152065	0.001451	0	3.43E-06	0.001454	0.00839	15.50834761	15508	10.91						2
0	0	0.000255	0.014418	0	0	0.014418	0.005482	0	0	0.005482	0	0	0	0.005482	0.00624	0	0	0.00624	0	0	0	0.00624	0.00673	0	0	0.00673	0.000867	0	0	0.000867	0.017652	8.174877028			8175	8.90				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	1.059108	0.097152	0	0	0.097152	0.016174	0	0	0.016174	0	0	0	0.016174	1.082035	0	0	1.082035	0	0	0	1.082035	12.27945	0	0	12.27945	0	0	0	0	0.251111	55.08446458					55084	4.26		
0	1.11E-07	0.00043	0.000554	0	3.09E-06	0.000557	0.001957	0	5.76E-07	0.001958	8.37E-05	1.31E-05	0.000155	0.00221	0.002856	0	6.31E-07	0.002857	8.37E-05	1.31E-05	0.000155	0.003109	0.149125	0	0.003984	0.153109	8.88E-05	0	3.84E-07	8.92E-05	0.000231	0.951364178	951	4.90						2
0.130086	0	0.161908	12.41714	0.846637	0	13.26378	0.685125	2.80071	0	3.485835	0	0	0	3.485835	0.779963	3.188395	0	3.968357	0	0	0	3.968357	2.629184	41.34533	0	43.97451	0.746319	0.050886	0	0.797206	13.4205	7520.439987			7520440	7.38				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.451967	0	1.628374	0.324533	0.040719	0	0.365251	0.024142	0.006738	0	0.030881	0	0	0	0.030881	1.208965	0.461586	0	1.67055	0	0	0	1.67055	9.013844	1.635229	0	10.64907	0	0	0	0	1.145487	207.0940492					207094	6.18		
0	2.263828	2.876773	1.785178	0	1.664166	3.449344	1.849437	0	8.94738	10.79682	14.65627	2.881431	10.70349	39.03801	2.698694	0	9.796255	12.49495	14.65627	2.881431	10.70349	40.73614	274.0179	0	111.0718	385.0896	1.2441	0	0.034902	1.279002	22.65565	13642.41161	13642412	36.13						2
0	0	0.000132	0.011044	0	0	0.011044	0.002846	0	0	0.002846	0	0	0	0.002846	0.00324	0	0	0.00324	0	0	0	0.00324	0.071194	0	0	0.071194	0.000664	0	0	0.000664	0.001125	6.262107461			6262	52.57				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.105551	0.115513	0.01206	0	0.050542	0.062602	0.032535	0	0.445861	0.478396	0.526834	0.107311	0.219363	1.331903	0.047474	0	0.488162	0.535636	0.526834	0.107311	0.219363	1.389144	4.944051	0	3.423884	8.367935	0.030299	0	0.001475	0.031774	0.446718	338.9140475								
0	0.217373	0.282175	0.155575	0	0.141877	0.297452	0.22361	0	0.921613	1.145223	2.063671	0.379279	1.439727	5.027901	0.326292	0	1.00905	1.335342	2.063671	0.379279	1.439727	5.218019	24.06176	0	10.13998	34.20174	0.106157	0	0.003219	0.109376	1.599487	1166.650052	1166650	30.42						2
0	0	3.09E-07	2.31E-05	0	0	2.31E-05	6.66E-06	0	0	6.66E-06	0	0	0	6.66E-06	7.58E-06	0	0	7.58E-06	0	0	0	7.58E-06	6.96E-05	0	0	6.96E-05	1.39E-06	0	0	1.39E-06	1.3E-06	0.013106281			13	29.09				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003149	0.003453	0.000367	0	0.001514	0.001881	0.000993	0	0.013261	0.014254	0.008829	0.002282	0.00298	0.028345	0.001448	0	0.014519	0.015968	0.008829	0.002282	0.00298	0.030059	0.15033	0	0.101778	0.252108	0.000921	0	4.98E-05	0.00097	0.013564	10.34991413								
0	1.702126	2.186375	1.15392	0	1.167402	2.321322	1.544515	0	6.923592	8.468106	9.496279	1.81325	6.951962	26.7296	2.253752	0	7.580461	9.834214	9.496279	1.81325	6.951962	28.0957	188.3023	0	82.88519	271.1874	0.865338	0	0.025395	0.890733	13.00281	9500.960329	9500960	29.85						2
0	0	0.000828	0.048527	0	0	0.048527	0.017833	0	0	0.017833	0	0	0	0.017833	0.020301	0	0	0.020301	0	0	0	0.020301	0.186816	0	0	0.186816	0.002919	0	0	0.002919	0.003682	27.51450332			27515	39.16				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.033331	0.036432	0.003735	0	0.015943	0.019678	0.010153	0	0.141005	0.151159	0.120099	0.027494	0.044747	0.343498	0.014816	0	0.154383	0.169199	0.120099	0.027494	0.044747	0.361539	1.541044	0	1.082654	2.623698	0.00944	0	0.000558	0.009998	0.139287	106.6432555								
0.038077	0.141756	0.194786	0.034915	0.001089	0.258782	0.294787	0.052257	0.131335	0.645903	0.829495	0.964018	0.160318	1.253166	3.206998	0.076253	0.191644	0.707183	0.97508	0.964018	0.160318	1.253166	3.352583	8.367956	1.615599	20.12701	30.11056	0.094561	0.000463	0.001514	0.096538	0.667705	1029.713928	1029714	13.07						2
0.001572	0	0.040973	0.890209	0.005804	0	0.896013	0.848284	0.033835	0	0.882119	0	0	0	0.882119	0.965715	0.038519	0	1.004233	0	0	0	1.004233	2.172338	0.280441	0	2.452779	0.05354	0.000349	0	0.053889	2.192123	508.0310443			508031	18.64				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004558	0.016371	0.02259	0.005157	0.000129	0.030986	0.036272	0.005673	0.015637	0.073331	0.094642	0.135485	0.022083	0.176557	0.428768	0.008279	0.022818	0.080289	0.111385	0.135485	0.022083	0.176557	0.445511	1.056352	0.208733	2.629864	3.894949	0.013156	6.92E-05	0.000192	0.013417	0.08344	143.1127857	143113	11.75						2
0.000746	0	0.021378	0.481559	0.004464	0	0.486024	0.444199	0.016065	0	0.460264	0	0	0	0.460264	0.505691	0.018289	0	0.52398	0	0	0	0.52398	1.150637	0.133154	0	1.283791	0.028962	0.000268	0	0.029231	1.008011	275.5708434			275571	15.90				3

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.23071	0.888832	0.163231	0	0.00864	0.171871	4.008617	0	1.653634	5.662251	3.322956	5.875687	6.327867	21.18876	4.977056	0	1.799897	6.776952	3.322956	5.875687	6.327867	22.30346	47.74526	0	12.61793	60.36319	0.00848	0	0.000641	0.009121	0.04127	97.28379936	97284	42.24					2
0	1.10353	1.408099	0.710897	0	0.718741	1.429637	1.013328	0	4.713655	5.726983	6.80568	1.267185	4.887102	18.68695	1.478646	0	5.160859	6.639505	6.80568	1.267185	4.887102	19.59947	112.9171	0	51.05865	163.9758	0.597668	0	0.018247	0.615914	7.34638	6569.620808	6569621	24.48					2
0	0	0.00062	0.109479	0	0	0.109479	0.013351	0	0	0.013351	0	0	0	0.013351	0.015199	0	0	0.015199	0	0	0	0.015199	0.379137	0	0	0.379137	0.006584	0	0	0.006584	0.006261	62.07347207			62073	29.52			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.02082	0.022709	0.002271	0	0.00993	0.012201	0.006203	0	0.088338	0.094541	0.084316	0.018411	0.033033	0.2303	0.009052	0	0.096719	0.105771	0.084316	0.018411	0.033033	0.24153	0.942318	0	0.678253	1.620571	0.005772	0	0.000426	0.006199	0.085236	66.11769366							
0	0.00018	0.002249	0.007106	0	0.000285	0.007391	0.005911	0	0.000648	0.006559	0.133885	0.022936	0.000719	0.1641	0.008626	0	0.000709	0.009335	0.133885	0.022936	0.000719	0.166876	0.09539	0	0.013638	0.109028	0.010232	0	1.59E-06	0.010234	0.025144	109.1554612	109155	4.64					2
0	0	0.001057	0.053224	0	0	0.053224	0.022749	0	0	0.022749	0	0	0	0.022749	0.025898	0	0	0.025898	0	0	0	0.025898	0.074155	0	0	0.074155	0.003201	0	0	0.003201	0.063457	30.17750949			30178	9.70			3
0.008502	0.024333	0.037643	0.012251	0.00019	0.018183	0.030624	0.018969	0.03224	0.120704	0.171913	0.076175	0.01171	0.140507	0.400305	0.02768	0.047045	0.132155	0.20688	0.076175	0.01171	0.140507	0.435272	0.355413	0.468797	2.243943	3.068153	0.022674	0.000151	0.000242	0.023067	0.068616	246.0422853	246042	5.62					2
0.002292	0	0.005796	1.795604	0.085362	0	1.880965	0.075444	0.049344	0	0.124789	0	0	0	0.124789	0.085887	0.056175	0	0.142062	0	0	0	0.142062	0.501603	2.062828	0	2.564431	0.107923	0.005131	0	0.113053	2.467861	1066.489759			1066490	9.58			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.068487	0	0.184529	0.030965	0.004913	0	0.035878	0.001658	0.000979	0	0.002637	0	0	0	0.002637	0.11843	0.069896	0	0.188326	0	0	0	0.188326	0.427108	0.194358	0	0.621466	0	0	0	0	0.185044	20.34240839					20342	7.79	
0.001481	0.005158	0.008384	0.003209	3.19E-05	0.003821	0.007062	0.008254	0.005936	0.028263	0.042452	0.032729	0.005538	0.035097	0.115817	0.012044	0.008662	0.030944	0.05165	0.032729	0.005538	0.035097	0.125014	0.187155	0.04589	0.562157	0.795203	0.00379	2.8E-05	4.6E-05	0.003865	0.011209	41.22084256	41221	5.48					2
0.000519	0	0.001726	0.1645	0.004507	0	0.169007	0.025974	0.011182	0	0.037156	0	0	0	0.037156	0.029569	0.01273	0	0.042299	0	0	0	0.042299	0.100968	0.178158	0	0.279126	0.009887	0.000271	0	0.010158	0.184812	95.82515974			95825	8.09			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.004164	0	0.04282	0.009783	0.000262	0	0.010045	0.000552	5.95E-05	0	0.000612	0	0	0	0.000612	0.039452	0.00425	0	0.043701	0	0	0	0.043701	0.153599	0.010246	0	0.163844	0	0	0	0	0.061519	5.695256497					5695	9.24	
0.014688	0.0016	0.017004	0.004513	0.000434	0.001869	0.006816	0.003036	0.062452	0.008737	0.074224	0.026347	0.003986	0.017878	0.122435	0.00443	0.09113	0.009566	0.105125	0.026347	0.003986	0.017878	0.153336	0.062312	0.482649	0.185135	0.730095	0.002409	0.000143	1.21E-05	0.002564	0.013671	27.34389578	27344	10.08					2
0.000115	0	0.000393	0.051323	0.004545	0	0.055867	0.005982	0.002482	0	0.008464	0	0	0	0.008464	0.00681	0.002825	0	0.009635	0	0	0	0.009635	0.026351	0.09713	0	0.123481	0.003085	0.000273	0	0.003358	0.062736	31.67613846			31676	8.60			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.076233	0	0.489797	0.034544	0.00492	0	0.039464	0.005909	0.001089	0	0.006998	0	0	0	0.006998	0.422073	0.077801	0	0.499874	0	0	0	0.499874	1.288987	0.166185	0	1.455172	0	0	0	0	0.123491	22.37543853					22375	4.72	
0	0.000226	0.000393	0.000575	0	0.000386	0.000962	0.00043	0	0.000763	0.001193	0.000705	0.00019	0.000747	0.002835	0.000627	0	0.000835	0.001462	0.000705	0.00019	0.000747	0.003105	0.095968	0	0.046468	0.142436	0.001241	0	2.71E-06	0.001244	0.008057	13.26744606	13267	12.24					2
0	0	0.000203	0.011405	0	0	0.011405	0.004381	0	0	0.004381	0	0	0	0.004381	0.004987	0	0	0.004987	0	0	0	0.004987	0.005506	0	0	0.005506	0.000686	0	0	0.000686	0.014137	6.466510182			6467	9.01			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	0.873002	0.080434	0	0	0.080434	0.013513	0	0	0.013513	0	0	0	0.013513	0.892097	0	0	0.892097	0	0	0	0.892097	10.1724	0	0	10.1724	0	0	0	0	0.206407	45.60509793					45605	4.23	
0	1.02E-07	0.000412	0.000524	0	5.49E-06	0.000529	0.001874	0	5.32E-07	0.001875	8.06E-05	1.22E-05	0.000151	0.002119	0.002735	0	5.82E-07	0.002735	8.06E-05	1.22E-05	0.000151	0.002979	0.14324	0	0.003887	0.147127	8.49E-05	0	3.67E-07	8.53E-05	0.000222	0.909800854	910	4.93					2
0.133136	0	0.16547	12.63734	0.86343	0	13.50077	0.696158	2.866373	0	3.562531	0	0	0	3.562531	0.792523	3.263147	0	4.05567	0	0	0	4.05567	2.65857	42.32041	0	44.97898	0.759554	0.051896	0	0.81145	13.72127	7654.81218			7654812	7.41			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.447461	0	1.585526	0.320461	0.04045	0	0.360911	0.022827	0.006644	0	0.029472	0	0	0	0.029472	1.16896	0.456953	0	1.625913	0	0	0	1.625913	8.78711	1.633599	0	10.42071	0	0	0	0	1.139162	204.6332674					204633	6.20	
0	2.210882	2.810746	1.775944	0	1.659557	3.435501	1.786984	0	8.642822	10.42981	14.26449	2.783904	10.46645	37.94464	2.607563	0	9.462802	12.07036	14.26449	2.783904	10.46645	39.5852	272.1032	0	109.2196	381.3228	1.241396	0	0.034805	1.276201	22.72331	13612.54226	13612542	36.27					2
0	0	0.000119	0.010619	0	0	0.010619	0.002567	0	0	0.002567	0	0	0	0.002567	0.002923	0	0	0.002923	0	0	0	0.002923	0.066204	0	0	0.066204	0.000639	0	0	0.000639	0.001093	6.020750618			6021	53.12			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.106148	0.116068	0.012019	0	0.05077	0.062789	0.032422	0	0.448908	0.48133	0.537158	0.10722	0.221775	1.347483	0.047311	0	0.491498	0.538808	0.537158	0.10722	0.221775	1.404961	4.932792	0	3.447328	8.38012	0.030243	0	0.00148	0.031723	0.44659	338.3704466							
0	0.204655	0.263165	0.148888	0	0.139337	0.288226	0.194199	0	0.849858	1.044057	1.947415	0.355168	1.373166	4.719805	0.283375	0	0.930488	1.213863	1.947415	0.355168	1.373166	4.889611	23.02012	0	9.632099	32.65221	0.104891	0	0.003168	0.108059	1.596125	1152.605731	1152606	30.64					2
0	0	3.11E-07	2.34E-05	0	0	2.34E-05	6.69E-06	0	0	6.69E-06	0	0	0	6.69E-06	7.61E-06	0	0	7.61E-06	0	0	0	7.61E-06	7.02E-05	0	0	7.02E-05	1.41E-06	0	0	1.41E-06	1.32E-06	0.013268545			13	29.17			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.003288	0.003601	0.000377	0	0.001578	0.001955	0.001022	0	0.01387	0.014892	0.009996	0.002471	0.003448	0.030806	0.001491	0	0.015186	0.016677	0.009996	0.002471	0.003448	0.032592	0.15495	0	0.106455	0.261405	0.000949	0	5.2E-05	0.001001	0.014001	10.68055915							
0	1.67801	2.152528	1.14289	0	1.171124	2.314014	1.495558	0	6.780921	8.276478	9.421685	1.777961	6.912882	26.38901	2.182314	0	7.424255	9.606569	9.421685	1.777961	6.912882	27.7191	187.2943	0	82.28229	269.5766	0.863772	0	0.025378	0.88915	13.05538	9484.080183	9484080	29.99					2
0	0	0.000828	0.048542	0	0	0.048542	0.017824	0	0	0.017824	0	0	0	0.017824	0.020291	0	0	0.020291	0	0	0	0.020291	0.186888	0	0	0.186888	0.002919	0	0	0.002919	0.003698	27.52301024			27523	39.32			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.034138	0.037275	0.003779	0	0.016307	0.020086	0.010284	0	0.144625	0.154909	0.131875	0.028961	0.049739	0.365484	0.015006	0	0.158346	0.173352	0.131875	0.028961	0.049739	0.383928	1.562473	0	1.110471	2.672944	0.009575	0	0.000571	0.010146	0.141415	108.2267882							
0.036664	0.13563	0.186487	0.032511	0.001052	0.249644	0.283206	0.049354	0.126174	0.615717	0.791246	0.937349	0.152906	1.234998	3.116499	0.072018	0.184113	0.674133	0.930264	0.937349	0.152906	1.234998	3.255517	8.148211	1.573411	19.68069	29.40232	0.091402	0.000449	0.001469	0.09332	0.648289	995.3888344	995389	13.13					2
0.001527	0	0.038424	0.859579	0.005609	0	0.865189	0.794377	0.032874	0	0.827251	0	0	0	0.827251	0.904345	0.037425	0	0.94177	0	0	0	0.94177	2.01197	0.272479	0	2.284449	0.051697	0.000337	0	0.052035	2.138165	490.5537935			490554	18.70			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.004334	0.015474	0.021363	0.004778	0.000123	0.029489	0.03439	0.005269	0.014808	0.06895	0.089028	0.131008	0.020794	0.171769	0.412599	0.007689	0.021608	0.075492	0.104789	0.131008	0.020794	0.171769	0.42836	1.026625	0.202402	2.564543	3.793571	0.012659	6.68E-05	0.000185	0.012911	0.080772	137.7188734	137719	11.82					2
0.000731	0	0.020577	0.467226	0.004359	0	0.471585	0.42727	0.015741	0	0.443011	0	0	0	0.443011	0.486418	0.017921	0	0.504339	0	0	0	0.504339	1.101274	0.130473	0	1.231748	0.0281	0.000262	0	0.028362	0.984516	267.3844227			267384	15.95			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.229381	0.883066	0.162788	0	0.008508	0.171296	3.970511	0	1.641	5.611511	3.311614	5.904839	6.357565	21.18553	4.93461	0	1.786233	6.720842	3.311614	5.904839	6.357565	22.29486	47.39122	0	12.65958	60.0508	0.008477	0	0.000638	0.009115	0.04133	97.22357903	97224	42.29					2
0	1.083702	1.382517	0.701202	0	0.719445	1.420647	0.986202	0	4.602909	5.589111	6.67879	1.231439	4.812476	18.31182	1.439064	0	5.039606	6.478669	6.67879	1.231439	4.812476	19.20137	112.2817	0	50.57413	162.8559	0.595504	0	0.018191	0.613695	7.371422	6545.948646	6545949	24.61					2
0	0	0.000589	0.107712	0	0	0.107712	0.012679	0	0	0.012679	0	0	0	0.012679	0.014435	0	0	0.014435	0	0	0	0.014435	0.367544	0	0	0.367544	0.006478	0	0	0.006478	0.006206	61.07178223			61072	29.74			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.021373	0.023286	0.002301	0	0.010178	0.012479	0.006293	0	0.090824	0.097117	0.089368	0.019114	0.034857	0.240456	0.009183	0	0.099441	0.108624	0.089368	0.019114	0.034857	0.251962	0.95687	0	0.697355	1.654225	0.005864	0	0.000438	0.006301	0.08667	67.21391064							
0	0.000177	0.002191	0.006943	0	0.000276	0.007219	0.005697	0	0.000634	0.006332	0.126271	0.021269	0.000685	0.154557	0.008314	0	0.000694	0.009008	0.126271	0.021269	0.000685	0.157233	0.090532	0	0.013388	0.103919	0.010139	0	1.57E-06	0.01014	0.024917	108.1629407	108163	4.64					2
0	0	0.00102	0.052826	0	0	0.052826	0.021966	0	0	0.021966	0	0	0	0.021966	0.025006	0	0	0.025006	0	0	0	0.025006	0.070732	0	0	0.070732	0.003177	0	0	0.003177	0.063865	29.95206018			29952	9.70			3
0.00819	0.023329	0.035941	0.011464	0.00018	0.017248	0.028892	0.017235	0.03106	0.115467	0.163762	0.073156	0.010958	0.135895	0.383771	0.02515	0.045323	0.126422	0.196894	0.073156	0.010958	0.135895	0.416903	0.322997	0.451647	2.137438	2.912082	0.021646	0.000144	0.000231	0.022022	0.065829	234.8916854	234892	5.65					2
0.00225	0	0.005612	1.767473	0.083357	0	1.85083	0.072378	0.048439	0	0.120817	0	0	0	0.120817	0.082397	0.055145	0	0.137541	0	0	0	0.137541	0.488103	2.029744	0	2.517846	0.106232	0.00501	0	0.111242	2.443007	1049.402992			1049403	9.63			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.067115	0	0.181816	0.03051	0.004841	0	0.035351	0.001639	0.000959	0	0.002598	0	0	0	0.002598	0.117061	0.068495	0	0.185556	0	0	0	0.185556	0.420791	0.193008	0	0.613799	0	0	0	0	0.182645	20.0435266					20044	7.80	
0.001435	0.004993	0.008089	0.003063	3.07E-05	0.003684	0.006778	0.007852	0.005765	0.027385	0.041002	0.031828	0.005346	0.034296	0.112472	0.011457	0.008413	0.029983	0.049853	0.031828	0.005346	0.034296	0.121323	0.177858	0.044567	0.541732	0.764157	0.003616	2.71E-05	4.45E-05	0.003687	0.010738	39.32941244	39329	5.50					2
0.000519	0	0.001639	0.164601	0.004478	0	0.169078	0.024114	0.011182	0	0.035296	0	0	0	0.035296	0.027452	0.01273	0	0.040182	0	0	0	0.040182	0.096155	0.178372	0	0.274527	0.009893	0.000269	0	0.010162	0.18581	95.86584408			95866	8.12			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.004191	0	0.043047	0.009802	0.000264	0	0.010066	0.000555	5.99E-05	0	0.000615	0	0	0	0.000615	0.039655	0.004278	0	0.043932	0	0	0	0.043932	0.154173	0.010414	0	0.164587	0	0	0	0	0.061762	5.707292241					5707	9.26	
0.013755	0.00149	0.01591	0.004066	0.000404	0.001692	0.006161	0.002815	0.058487	0.008136	0.069438	0.024288	0.003583	0.016605	0.113915	0.004108	0.085345	0.008908	0.09836	0.024288	0.003583	0.016605	0.142837	0.057813	0.452008	0.174108	0.683929	0.002232	0.000133	1.12E-05	0.002376	0.012793	25.34230589	25342	10.18					2
0.000111	0	0.000331	0.049199	0.004343	0	0.053542	0.004739	0.00239	0	0.007129	0	0	0	0.007129	0.005395	0.002721	0	0.008116	0	0	0	0.008116	0.022979	0.095611	0	0.11859	0.002957	0.000261	0	0.003218	0.061391	30.35762844			30358	8.64			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.073447	0	0.467838	0.033198	0.004793	0	0.037991	0.005635	0.001049	0	0.006684	0	0	0	0.006684	0.402505	0.074958	0	0.477463	0	0	0	0.477463	1.219036	0.164898	0	1.383935	0	0	0	0	0.119538	21.5407677					21541	4.75	
0	0.000227	0.000391	0.000571	0	0.000387	0.000958	0.000423	0	0.00076	0.001183	0.000761	0.000198	0.000792	0.002933	0.000617	0	0.000832	0.001449	0.000761	0.000198	0.000792	0.003199	0.097345	0	0.046565	0.143909	0.001261	0	2.73E-06	0.001264	0.008223	13.48300016	13483	12.29					2
0	0	0.00017	0.009343	0	0	0.009343	0.003651	0	0	0.003651	0	0	0	0.003651	0.004157	0	0	0.004157	0	0	0	0.004157	0.004743	0	0	0.004743	0.000562	0	0	0.000562	0.011598	5.29712177			5297	9.03			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	0.744756	0.069569	0	0	0.069569	0.011722	0	0	0.011722	0	0	0	0.011722	0.761259	0	0	0.761259	0	0	0	0.761259	8.689269	0	0	8.689269	0	0	0	0	0.178512	39.44481884					39445	4.23	
0	1.02E-07	0.000395	0.000488	0	9.47E-06	0.000497	0.001795	0	5.3E-07	0.001795	7.84E-05	1.14E-05	0.000148	0.002033	0.002619	0	5.81E-07	0.00262	7.84E-05	1.14E-05	0.000148	0.002858	0.137957	0	0.003774	0.141731	8.14E-05	0	3.51E-07	8.18E-05	0.000214	0.87238611	872	4.95					2
0.136399	0	0.169308	12.88155	0.881981	0	13.76353	0.708518	2.936641	0	3.645159	0	0	0	3.645159	0.806594	3.343142	0	4.149736	0	0	0	4.149736	2.694238	43.36263	0	46.05687	0.774232	0.053011	0	0.827242	14.04033	7803.791888			7803792	7.43			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.444149	0	1.549032	0.316645	0.040221	0	0.356866	0.021535	0.006566	0	0.0281	0	0	0	0.0281	1.134162	0.453537	0	1.5877	0	0	0	1.5877	8.582279	1.633387	0	10.21567	0	0	0	0	1.133479	202.3397067					202340	6.22	
0	2.165768	2.755656	1.768897	0	1.656075	3.424972	1.738299	0	8.380562	10.11886	13.95912	2.698348	10.30374	37.08007	2.536521	0	9.17566	11.71218	13.95912	2.698348	10.30374	38.67339	270.8274	0	107.6697	378.4971	1.239996	0	0.034742	1.274738	22.78584	13596.93329	13596933	36.37					2
0	0	0.00011	0.0103	0	0	0.0103	0.002361	0	0	0.002361	0	0	0	0.002361	0.002688	0	0	0.002688	0	0	0	0.002688	0.062628	0	0	0.062628	0.000619	0	0	0.000619	0.001069	5.83983419			5840	53.57			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.106681	0.116588	0.011998	0	0.050973	0.062971	0.032398	0	0.45164	0.484039	0.549694	0.107239	0.224042	1.365014	0.047276	0	0.494489	0.541765	0.549694	0.107239	0.224042	1.422741	4.929862	0	3.468352	8.398215	0.030225	0	0.001484	0.031709	0.446542	338.2241128							
0	0.193574	0.247105	0.143126	0	0.136994	0.28012	0.171456	0	0.788485	0.959941	1.841431	0.332228	1.315372	4.448972	0.250188	0	0.863292	1.11348	1.841431	0.332228	1.315372	4.602511	22.18244	0	9.2017	31.38414	0.103789	0	0.003123	0.106912	1.59286	1140.375778	1140376	30.84					2
0	0	3.13E-07	2.37E-05	0	0	2.37E-05	6.74E-06	0	0	6.74E-06	0	0	0	6.74E-06	7.68E-06	0	0	7.68E-06	0	0	0	7.68E-06	7.11E-05	0	0	7.11E-05	1.42E-06	0	0	1.42E-06	1.34E-06	0.013416274			13	29.23			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.003417	0.003738	0.000387	0	0.001637	0.002024	0.001051	0	0.014442	0.015492	0.011335	0.002666	0.003981	0.033474	0.001533	0	0.015812	0.017345	0.011335	0.002666	0.003981	0.035326	0.159302	0	0.110842	0.270143	0.000976	0	5.41E-05	0.00103	0.014397	10.9880777							
0	1.653924	2.118575	1.130497	0	1.173659	2.304157	1.445907	0	6.636664	8.082571	9.343383	1.740285	6.889322	26.05556	2.109864	0	7.266312	9.376176	9.343383	1.740285	6.889322	27.34917	186.2374	0	81.62808	267.8655	0.862587	0	0.02536	0.887947	13.09911	9471.250239	9471250	30.11					2
0	0	0.000831	0.048575	0	0	0.048575	0.017885	0	0	0.017885	0	0	0	0.017885	0.020361	0	0	0.020361	0	0	0	0.020361	0.187673	0	0	0.187673	0.002921	0	0	0.002921	0.003712	27.54133107			27541	39.45			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.034862	0.038037	0.003821	0	0.016631	0.020452	0.010416	0	0.147885	0.158302	0.143703	0.030318	0.05438	0.386703	0.0152	0	0.161916	0.177115	0.143703	0.030318	0.05438	0.405516	1.582817	0	1.135532	2.718349	0.0097	0	0.000583	0.010283	0.143278	109.6859145							
0.035313	0.129497	0.178293	0.030229	0.001015	0.240974	0.272219	0.046616	0.121193	0.585126	0.752935	0.913646	0.145481	1.220675	3.032736	0.068023	0.176844	0.640639	0.885506	0.913646	0.145481	1.220675	3.165307	7.938987	1.531646	19.23635	28.70698	0.088474	0.000436	0.001424	0.090334	0.630231	963.5456969	963546	13.19					2
0.001483	0	0.036038	0.831075	0.005418	0	0.836493	0.743948	0.031924	0	0.775871	0	0	0	0.775871	0.846935	0.036343	0	0.883278	0	0	0	0.883278	1.862722	0.264599	0	2.127321	0.049983	0.000326	0	0.050309	2.086832	474.2837661			474284	18.76			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.00413	0.014645	0.020236	0.004451	0.000118	0.028137	0.032706	0.004918	0.01405	0.064886	0.083854	0.127518	0.019624	0.168311	0.399307	0.007176	0.020501	0.071042	0.09872	0.127518	0.019624	0.168311	0.414173	0.998755	0.196459	2.501786	3.697	0.012213	6.46E-05	0.000179	0.012457	0.078343	132.8710274	132871	11.89					2
0.000717	0	0.019879	0.454274	0.004262	0	0.458537	0.412544	0.015441	0	0.427985	0	0	0	0.427985	0.469654	0.017578	0	0.487233	0	0	0	0.487233	1.057386	0.127981	0	1.185367	0.027321	0.000256	0	0.027578	0.962543	259.985973			259986	16.00			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0.228319	0.878867	0.162445	0	0.008392	0.170836	3.942022	0	1.630886	5.572908	3.311316	5.93686	6.393584	21.21467	4.903661	0	1.775304	6.678965	3.311316	5.93686	6.393584	22.32072	47.11571	0	12.70937	59.82508	0.008478	0	0.000637	0.009114	0.041393	97.21866516	97219	42.31					2
0	1.065574	1.359121	0.691832	0	0.720081	1.411914	0.960801	0	4.500162	5.460963	6.575445	1.198145	4.759454	17.99401	1.401998	0	4.927111	6.329109	6.575445	1.198145	4.759454	18.86215	111.7336	0	50.11433	161.8479	0.593917	0	0.018148	0.612065	7.393012	6528.561126	6528561	24.72					2

0	0	0.000566	0.106323	0	0	0.106323	0.012178	0	0	0.012178	0	0	0	0.012178	0.013864	0	0	0.013864	0	0	0	0.013864	0.359535	0	0	0.359535	0.006395	0	0	0.006395	0.006164	60.2842681			60284	29.92				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.021874	0.023814	0.002329	0	0.010402	0.012732	0.006384	0	0.093093	0.099477	0.096254	0.019915	0.037406	0.253052	0.009315	0	0.101926	0.11124	0.096254	0.019915	0.037406	0.264815	0.970737	0	0.714791	1.685528	0.005949	0	0.000448	0.006397	0.087936	68.22970559								
0	0.000173	0.002128	0.007463	0	0.000259	0.007722	0.005462	0	0.00062	0.006082	0.119515	0.019705	0.000655	0.145958	0.00797	0	0.000679	0.00865	0.119515	0.019705	0.000655	0.148525	0.085165	0	0.013135	0.0983	0.010054	0	1.55E-06	0.010056	0.024708	107.2566937	107257	4.64						2
0	0	0.000986	0.052446	0	0	0.052446	0.021238	0	0	0.021238	0	0	0	0.021238	0.024178	0	0	0.024178	0	0	0	0.024178	0.067516	0	0	0.067516	0.003154	0	0	0.003154	0.064232	29.7361833			29736	9.70				3
0.007899	0.022391	0.034397	0.010785	0.000172	0.01639	0.027346	0.01582	0.029959	0.110624	0.156402	0.071017	0.010304	0.132612	0.370335	0.023084	0.043716	0.121119	0.187919	0.071017	0.010304	0.132612	0.401852	0.296719	0.435659	2.044794	2.777172	0.020733	0.000139	0.000222	0.021093	0.063334	224.9876949	224988	5.67						2
0.002212	0	0.005441	1.743295	0.081546	0	1.824841	0.06952	0.047627	0	0.117147	0	0	0	0.117147	0.079143	0.05422	0	0.133362	0	0	0	0.133362	0.475435	2.000259	0	2.475693	0.104779	0.004901	0	0.10968	2.422458	1034.667849			1034668	9.68				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.06576	0	0.179133	0.030065	0.004765	0	0.034831	0.00162	0.00094	0	0.002559	0	0	0	0.002559	0.115705	0.067113	0	0.182818	0	0	0	0.182818	0.414679	0.19136	0	0.606038	0	0	0	0	0.180317	19.7486046					19749	7.81		
0.001388	0.004827	0.007765	0.003014	2.93E-05	0.003562	0.006605	0.007308	0.005583	0.026445	0.039335	0.030661	0.005111	0.033333	0.10844	0.010663	0.008147	0.028953	0.047763	0.030661	0.005111	0.033333	0.116868	0.162629	0.043146	0.516018	0.721792	0.003458	2.61E-05	4.28E-05	0.003526	0.010313	37.61519441	37615	5.53						2
0.00052	0	0.001537	0.164739	0.004459	0	0.169198	0.021888	0.011195	0	0.033083	0	0	0	0.033083	0.024918	0.012744	0	0.037662	0	0	0	0.037662	0.09043	0.178804	0	0.269234	0.009901	0.000268	0	0.010169	0.186834	95.93394446			95934	8.14				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004227	0	0.043306	0.009833	0.000266	0	0.0101	0.000558	6.04E-05	0	0.000619	0	0	0	0.000619	0.039883	0.004314	0	0.044197	0	0	0	0.044197	0.154905	0.01058	0	0.165486	0	0	0	0	0.062059	5.726423107					5726	9.27		
0.013134	0.001412	0.015178	0.003744	0.000383	0.00157	0.005697	0.002675	0.055847	0.007713	0.066235	0.023154	0.003326	0.015932	0.108647	0.003903	0.081492	0.008445	0.09384	0.023154	0.003326	0.015932	0.136252	0.055014	0.431604	0.166679	0.653297	0.002112	0.000126	1.07E-05	0.002249	0.012199	23.98576559	23986	10.25						2
0.000107	0	0.000279	0.047188	0.004147	0	0.051334	0.003704	0.002296	0	0.006001	0	0	0	0.006001	0.004217	0.002614	0	0.006831	0	0	0	0.006831	0.020083	0.093632	0	0.113716	0.002836	0.000249	0	0.003085	0.059876	29.1060694			29106	8.68				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.070115	0	0.443409	0.031708	0.004637	0	0.036345	0.005334	0.001002	0	0.006335	0	0	0	0.006335	0.380974	0.071558	0	0.452532	0	0	0	0.452532	1.142446	0.162914	0	1.305359	0	0	0	0	0.115133	20.60738356					20607	4.78		
0	0.00023	0.000395	0.000576	0	0.000393	0.00097	0.000425	0	0.000768	0.001193	0.000708	0.000193	0.000753	0.002847	0.00062	0	0.000841	0.001461	0.000708	0.000193	0.000753	0.003115	0.098767	0	0.047391	0.146158	0.001283	0	2.78E-06	0.001285	0.008391	13.70973146	13710	12.34						2
0	0	0.000129	0.007102	0	0	0.007102	0.002774	0	0	0.002774	0	0	0	0.002774	0.003158	0	0	0.003158	0	0	0	0.003158	0.00337	0	0	0.00337	0.000427	0	0	0.000427	0.009029	4.026908802			4027	9.25				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	0.568441	0.053934	0	0	0.053934	0.009219	0	0	0.009219	0	0	0	0.009219	0.581334	0	0	0.581334	0	0	0	0.581334	6.642554	0	0	6.642554	0	0	0	0	0.140494	30.58014378					30580	4.30		
0	1.01E-07	0.00038	0.000466	0	1.39E-05	0.000479	0.001724	0	5.22E-07	0.001725	7.74E-05	1.08E-05	0.000147	0.00196	0.002516	0	5.72E-07	0.002516	7.74E-05	1.08E-05	0.000147	0.002752	0.133094	0	0.003669	0.136763	7.84E-05	0	3.38E-07	7.88E-05	0.000207	0.840319708	840	4.97						2
0.13988	0	0.173423	13.14808	0.902248	0	14.05033	0.72218	3.011571	0	3.733751	0	0	0	3.733751	0.822147	3.428444	0	4.250591	0	0	0	4.250591	2.735814	44.47297	0	47.20878	0.790252	0.054229	0	0.84448	14.37802	7966.406474			7966406	7.45				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.441967	0	1.519649	0.313294	0.040042	0	0.353335	0.020366	0.006505	0	0.02687	0	0	0	0.02687	1.105514	0.451275	0	1.556789	0	0	0	1.556789	8.405149	1.634502	0	10.03965	0	0	0	0	1.128978	200.3377536					200338	6.23		
0	2.129699	2.712132	1.763612	0	1.653819	3.41743	1.70248	0	8.170994	9.873474	13.75021	2.628749	10.17127	36.4237	2.484255	0	8.94621	11.43046	13.75021	2.628749	10.17127	37.98069	269.9516	0	106.4929	376.4445	1.239242	0	0.03471	1.273952	22.84429	13588.55407	13588554	36.46						2
0	0	0.000102	0.010051	0	0	0.010051	0.002187	0	0	0.002187	0	0	0	0.002187	0.00249	0	0	0.00249	0	0	0	0.00249	0.05971	0	0	0.05971	0.000604	0	0	0.000604	0.001051	5.698736439			5699	53.95				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.107167	0.117065	0.011982	0	0.051158	0.06314	0.032382	0	0.454124	0.486506	0.560274	0.107328	0.225472	1.37958	0.047252	0	0.497209	0.544461	0.560274	0.107328	0.225472	1.437535	4.92809	0	3.487466	8.415557	0.030214	0	0.001488	0.031702	0.446554	338.1524808								
0	0.183849	0.233337	0.13806	0	0.134794	0.272855	0.153427	0	0.735433	0.888859	1.756276	0.311291	1.261843	4.218269	0.22388	0	0.805206	1.029086	1.756276	0.311291	1.261843	4.358496	21.4828	0	8.8352	30.318	0.102795	0	0.003082	0.105877	1.59109	1129.333717	1129334	31.02						2
0	0	3.16E-07	2.39E-05	0	0	2.39E-05	6.79E-06	0	0	6.79E-06	0	0	0	6.79E-06	7.73E-06	0	0	7.73E-06	0	0	0	7.73E-06	7.18E-05	0	0	7.18E-05	1.44E-06	0	0	1.44E-06	1.36E-06	0.013545617			14	29.28				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003538	0.003866	0.000395	0	0.001692	0.002087	0.001076	0	0.014975	0.016051	0.012813	0.002868	0.004569	0.036302	0.001571	0	0.016396	0.017966	0.012813	0.002868	0.004569	0.038217	0.163211	0	0.114937	0.278149	0.001	0	5.61E-05	0.001056	0.014753	11.26509754								
0	1.634107	2.091142	1.119548	0	1.175782	2.29533	1.408305	0	6.518048	7.926354	9.300516	1.708171	6.867021	25.80206	2.054996	0	7.136442	9.191439	9.300516	1.708171	6.867021	27.06715	185.4418	0	81.14311	266.5849	0.861689	0	0.025356	0.887045	13.14026	9461.622834	9461623	30.20						2
0	0	0.000833	0.048612	0	0	0.048612	0.017939	0	0	0.017939	0	0	0	0.017939	0.020423	0	0	0.020423	0	0	0	0.020423	0.18837	0	0	0.18837	0.002924	0	0	0.002924	0.003725	27.56260153			27563	39.55				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.035514	0.038721	0.003858	0	0.016921	0.020779	0.010532	0	0.150833	0.161364	0.154995	0.031606	0.058711	0.406675	0.015368	0	0.165143	0.180511	0.154995	0.031606	0.058711	0.425822	1.600566	0	1.158188	2.758754	0.009809	0	0.000594	0.010403	0.144904	110.9632619								
0.034148	0.124447	0.171506	0.028446	0.000984	0.23345	0.26288	0.044433	0.116957	0.560396	0.721786	0.904434	0.13999	1.211898	2.978108	0.064837	0.170663	0.613563	0.849063	0.904434	0.13999	1.211898	3.105385	7.747331	1.494854	18.83291	28.0751	0.085915	0.000424	0.001385	0.087724	0.614139	935.7062184	935706	13.23						2
0.001445	0	0.034145	0.806055	0.005255	0	0.81131	0.704014	0.031103	0	0.735117	0	0	0	0.735117	0.801473	0.035409	0	0.836882	0	0	0	0.836882	1.745778	0.2578	0	2.003579	0.048478	0.000316	0	0.048794	2.039332	460.0053035			460005	18.81				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003944	0.013909	0.019236	0.004182	0.000113	0.026915	0.03121	0.004623	0.013363	0.061305	0.079291	0.12466	0.018591	0.165144	0.387685	0.006747	0.019499	0.067121	0.093366	0.12466	0.018591	0.165144	0.401761	0.972481	0.190958	2.441905	3.605344	0.011813	6.25E-05	0.000174	0.012049	0.076132	128.5213818	128521	11.94						2
0.000706	0	0.019328	0.443078	0.004183	0	0.447261	0.400927	0.015192	0	0.416118	0	0	0	0.416118	0.456428	0.017295	0	0.473723	0	0	0	0.473723	1.02295	0.125917	0	1.148868	0.026648	0.000252	0	0.026899	0.94253	253.5927283			253593	16.03				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.226989	0.874426	0.162095	0	0.008262	0.170357	3.913764	0	1.618419	5.532183	3.306644	5.965593	6.425504	21.22992	4.872933	0	1.761821	6.634754	3.306644	5.965593	6.425504	22.33249	46.84112	0	12.75002	59.59114	0.008478	0	0.000634	0.009112	0.041448	97.19437977	97194	42.35						2
0	1.048914	1.337775	0.683366	0	0.720498	1.403864	0.937978	0	4.403739	5.341716	6.508593	1.170144	4.712478	17.73293	1.368695	0	4.82154	6.190234	6.508593	1.170144	4.712478	18.58145	111.2735	0	49.72789	161.0014	0.592663	0	0.018117	0.61078	7.414497	6514.859822	6514860	24.81						2
0	0	0.000547	0.105217	0	0	0.105217	0.011772	0	0	0.011772	0	0	0	0.011772	0.013401	0	0	0.013401	0	0	0	0.013401	0.35312	0	0	0.35312	0.006328	0	0	0.006328	0.006132	59.65706728			59657	30.08				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.022332	0.024294	0.002354	0	0.010606	0.01296	0.006463	0	0.095172	0.101636	0.102837	0.020677	0.039785	0.264935	0.009431	0	0.104202	0.113633	0.102837	0.020677	0.039785	0.276933	0.982943	0	0.730767	1.71371	0.006024	0	0.000457	0.006481	0.089051	69.12782142								
0	0.000171	0.002111	0.00822	0	0.000241	0.008461	0.005421	0	0.000612	0.006032	0.114731	0.018471	0.000633	0.139866	0.00791	0	0.00067	0.00858	0.114731	0.018471	0.000633	0.142413	0.084419	0	0.013	0.097418	0.009988	0	1.53E-06	0.009989	0.024547	106.5491886	106549	4.64						2
0	0	0.000954	0.052059	0	0	0.052059	0.020529	0	0	0.020529	0	0	0	0.020529	0.023371	0	0	0.023371	0	0	0	0.023371	0.064403	0	0	0.064403	0.003131	0	0	0.003131	0.064555	29.51710519			29517	9.70				3
0.007621	0.021446	0.032877	0.010142	0.000164	0.015637	0.025944	0.014453	0.028889	0.105665	0.149007	0.068695	0.009658	0.128883	0.356243	0.02109	0.042155	0.11569	0.178935	0.068695	0.009658	0.128883	0.386171	0.269657	0.420123	1.952449	2.642229	0.019911	0.000133	0.000212	0.020256	0.061084	216.0633119	216063	5.70						2
0.002181	0	0.005305	1.724279	0.079961	0	1.80424	0.06726	0.046959	0	0.114219	0	0	0	0.114219	0.07657	0.05346	0	0.13003	0	0	0	0.13003	0.464944	1.975221	0	2.440165	0.103636	0.004806	0	0.108442	2.40796	1022.987307			1022987	9.73				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.064514	0	0.176788	0.029691	0.004696	0	0.034387	0.001604	0.000922	0	0.002526	0	0	0	0.002526	0.114584	0.065841	0	0.180425	0	0	0	0.180425	0.40953	0.189831	0	0.599362	0	0	0	0	0.178378	19.49715662					19497	7.83		
0.001342	0.004608	0.007394	0.003215	2.8E-05	0.003413	0.006657	0.006769	0.005393	0.025217	0.037379	0.029633	0.00488	0.032296	0.104187	0.009877	0.00787	0.027609	0.045356	0.029633	0.00488	0.032296	0.112165	0.148808	0.041679	0.493361	0.683849	0.003317	2.52E-05	4.12E-05	0.003383	0.009935	36.08897035	36089	5.55						2
0.000521	0	0.001449	0.164932	0.00445	0	0.169382	0.019979	0.011225	0	0.031204	0	0	0	0.031204	0.022744	0.012779	0	0.035523	0	0	0	0.035523	0.085427	0.179454	0	0.264882	0.009913	0.000267	0	0.010181	0.187807	96.03789402			96038	8.16				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004268	0	0.043552	0.009867	0.000269	0	0.010136	0.000561	6.1E-05	0	0.000622	0	0	0	0.000622	0.040092	0.004356	0	0.044448	0	0	0	0.044448	0.15563	0.010737	0	0.166367	0	0	0	0	0.062351	5.746973327					5747	9.29		
0.012818	0.001391	0.014818	0.003609	0.000369	0.001528	0.005507	0.00258	0.054532	0.007601	0.064713	0.022838	0.003212	0.015786	0.106549	0.003765	0.079573	0.008322	0.09166	0.022838	0.003212	0.015786	0.133496	0.053551	0.42144	0.162044	0.637035	0.002047	0.000122	1.04E-05	0.00218	0.01187	23.24786431	23248	10.29						2
0.000102	0	0.000238	0.045243	0.003954	0	0.049197	0.002911	0.002203	0	0.005114	0	0	0	0.005114	0.003314	0.002508	0	0.005822	0	0	0	0.005822	0.017721	0.091148	0	0.108869	0.002719	0.000238	0	0.002957	0.05815	27.89416372			27894	8.71				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.066343	0	0.417226	0.030121	0.004458	0	0.034579	0.005013	0.000948	0	0.005961	0	0	0	0.005961	0.358102	0.067708	0	0.42581	0	0	0	0.42581	1.061338	0.16034	0	1.221677	0	0	0	0	0.110432	19.60620072					19606	4.82		
0	0.000234	0.000399	0.000584	0	0.000398	0.000981	0.000424	0	0.00078	0.001204	0.000739	0.000201	0.000777	0.00292	0.000618	0	0.000854	0.001472	0.000739	0.000201	0.000777	0.003189	0.100927	0	0.047588	0.148515	0.001304	0	2.81E-06	0.001307	0.008559	13.93594036	13936	12.38						2
0	0	6.15E-05	0.003067	0	0	0.003067	0.001323	0	0	0.001323	0	0	0	0.001323	0.001506	0	0	0.001506	0	0	0	0.001506	0.001786	0	0	0.001786	0.000184	0	0	0.000184	0.004175	1.738854599			1739	9.90				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	0.311579	0.031076	0	0	0.031076	0.005587	0	0	0.005587	0	0	0	0.005587	0.319228	0	0	0.319228	0	0	0	0.319228	3.658531	0	0	3.658531	0	0	0	0	0.085	17.61993527					17620	4.51		
0	9.66E-08	0.000367	0.000448	0	1.94E-05	0.000468	0.001662	0	5.01E-07	0.001663	7.62E-05	1.04E-05	0.000145	0.001895	0.002426	0	5.48E-07	0.002426	7.62E-05	1.04E-05	0.000145	0.002658	0.128445	0	0.003574	0.13202	7.58E-05	0	3.27E-07	7.62E-05	0.000201	0.812314487	812	4.99						2
0.143561	0	0.177789	13.43508	0.924061	0	14.35914	0.736913	3.090833	0	3.827745	0	0	0	3.827745	0.838919	3.518678	0	4.357597	0	0	0	4.357597	2.782501	45.64726	0	48.42977	0.807502	0.05554	0	0.863041	14.73408	8141.499365			8141499	7.47				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.441084	0	1.495705	0.310656	0.039936	0	0.350592	0.019358	0.006466	0	0.025824	0	0	0	0.025824	1.081206	0.450345	0	1.531551	0	0	0	1.531551	8.25177	1.638571	0	9.890341	0	0	0	0	1.126417	198.7823886					198782	6.25		
0	2.102745	2.680325	1.760197	0	1.652693	3.41289	1.679699	0	8.01588	9.69558	13.59204	2.571935	10.06678	35.92634	2.451013	0	8.77638	11.22739	13.59204	2.571935	10.06678	37.45815	269.4759	0	105.7003	375.1763	1.239049	0	0.034707	1.273756	22.89825	13586.46372	13586464	36.53						2
0	0	9.5E-05	0.009859	0	0	0.009859	0.002046	0	0	0.002046	0	0	0	0.002046	0.002329	0	0	0.002329	0	0	0	0.002329	0.057386	0	0	0.057386	0.000593	0	0	0.000593	0.001037	5.589729216			5590	54.26				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.107622	0.117513	0.011971	0	0.051334	0.063305	0.032376	0	0.456431	0.488808	0.569125	0.107475	0.226205	1.391613	0.047244	0	0.499735	0.546979	0.569125	0.107475	0.226205	1.449783	4.927808	0	3.505223	8.433031	0.030212	0	0.001493	0.031705	0.446666	338.1789601								
0	0.176748	0.223866	0.134575	0	0.133075	0.267649	0.143263	0	0.697926	0.841189	1.691358	0.29443	1.219082	4.046059	0.209049	0	0.764141	0.97319	1.691358	0.29443	1.219082	4.178061	21.03855	0	8.584692	29.62324	0.102008	0	0.003051	0.105059	1.590389	1120.609962	1120610	31.17						2
0	0	3.15E-07	2.4E-05	0	0	2.4E-05	6.78E-06	0	0	6.78E-06	0	0	0	6.78E-06	7.72E-06	0	0	7.72E-06	0	0	0	7.72E-06	7.17E-05	0	0	7.17E-05	1.45E-06	0	0	1.45E-06	1.37E-06	0.01362689			14	29.35				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003649	0.003984	0.000403	0	0.001743	0.002145	0.001099	0	0.015471	0.01657	0.014417	0.003076	0.005203	0.039265	0.001604	0	0.016938	0.018542	0.014417	0.003076	0.005203	0.041237	0.166716	0	0.118742	0.285458	0.001022	0	5.79E-05	0.001079	0.015072	11.51403234								
0	1.618007	2.069663	1.110018	0	1.177445	2.287464	1.382197	0	6.421744	7.80394	9.265397	1.679194	6.846096	25.59463	2.016898	0	7.031001	9.047899	9.265397	1.679194	6.846096	26.83859	184.8992	0	80.80249	265.7017	0.86106	0	0.025362	0.886422	13.17712	9454.976296	9454976	30.29						2
0	0	0.000836	0.048655	0	0	0.048655	0.017989	0	0	0.017989	0	0	0	0.017989	0.020479	0	0	0.020479	0	0	0	0.020479	0.189012	0	0	0.189012	0.002926	0	0	0.002926	0.003737	27.5871327			27587	39.64				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.036103	0.039338	0.003889	0	0.017183	0.021072	0.010633	0	0.153504	0.164137	0.164797	0.032748	0.062324	0.424006	0.015515	0	0.168068	0.183583	0.164797	0.032748	0.062324	0.443452	1.616159	0	1.178725	2.794884	0.009905	0	0.000604	0.010509	0.146334	112.0890742								
0.032957	0.118718	0.163985	0.026459	0.000952	0.225891	0.253302	0.042071	0.112519	0.531448	0.686038	0.886507	0.133256	1.18933	2.895131	0.06139	0.164188	0.581868	0.807447	0.886507	0.133256	1.18933	3.016539	7.561835	1.455896	18.41322	27.43095	0.083444	0.000412	0.001345	0.0852	0.598745	908.7866983	908787	13.28						2
0.001406	0	0.032259	0.78292	0.005093	0	0.788012	0.664238	0.03028	0	0.694518	0	0	0	0.694518	0.756191	0.034472	0	0.790663	0	0	0	0.790663	1.628945	0.250978	0	1.879923	0.047087	0.000306	0	0.047393	1.995871	446.7955834			446796	18.86				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003769	0.013193	0.018274	0.003934	0.000109	0.025785	0.029828	0.004351	0.012713	0.057784	0.074847	0.121425	0.017565	0.161331	0.375168	0.006348	0.01855	0.063266	0.088165	0.121425	0.017565	0.161331	0.388486	0.947864	0.185663	2.383872	3.517398	0.011446	6.06E-05	0.000169	0.011676	0.074096	124.5366244	124537	11.99						2
0.000691	0	0.018612	0.431751	0.004081	0	0.435833	0.385841	0.014872	0	0.400713	0	0	0	0.400713	0.439254	0.01693	0	0.456185	0	0	0	0.456185	0.971611	0.123263	0	1.094875	0.025967	0.000245	0	0.026212	0.923922	247.1130778			247113	16.07				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.225103	0.86937	0.161725	0	0.008105	0.16983	3.884985	0	1.601073	5.486058	3.291248	5.986641	6.448069	21.21202	4.841542	0	1.743039	6.584581	3.291248	5.986641	6.448069	22.31054	46.55784	0	12.76947	59.32731	0.008477	0	0.00063	0.009107	0.041494	97.13694473	97137	42.38						2
0	1.027644	1.310117	0.671626	0	0.718771	1.390398	0.90695	0	4.276279	5.183229	6.4225	1.138577	4.654201	17.39851	1.32342	0	4.681987	6.005407	6.4225	1.138577	4.654201	18.22069	110.5664	0	49.22085	159.7873	0.591414	0	0.01808	0.609494	7.431053	6501.138508	6501139	24.89						2
0	0	0.000531	0.10434	0	0	0.10434	0.011439	0	0	0.011439	0	0	0	0.011439	0.013022	0	0	0.013022	0	0	0	0.013022	0.347966	0	0	0.347966	0.006275	0	0	0.006275	0.006108	59.16003561			59160	30.21				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.022748	0.024729	0.002376	0	0.01079	0.013165	0.006533	0	0.097069	0.103603	0.111027	0.021556	0.04281	0.278995	0.009533	0	0.106279	0.115812	0.111027	0.021556	0.04281	0.291205	0.993697	0	0.745345	1.739041	0.00609	0	0.000465	0.006555	0.090034	69.92216525								

0	0.000169	0.002094	0.00893	0	0.000232	0.009162	0.00538	0	0.000602	0.005982	0.110055	0.017263	0.00061	0.13391	0.00785	0	0.000659	0.008509	0.110055	0.017263	0.00061	0.136438	0.083674	0	0.012864	0.096538	0.009925	0	1.52E-06	0.009927	0.024394	105.8820616	105882	4.64						2
0	0	0.000923	0.051684	0	0	0.051684	0.019871	0	0	0.019871	0	0	0	0.019871	0.022622	0	0	0.022622	0	0	0	0.022622	0.061487	0	0	0.061487	0.003108	0	0	0.003108	0.064835	29.30421542			29304	9.69				3
0.007363	0.020616	0.031516	0.009472	0.000157	0.015616	0.025245	0.013214	0.027895	0.101344	0.142453	0.066202	0.00905	0.124753	0.342458	0.019282	0.040704	0.110959	0.170945	0.066202	0.00905	0.124753	0.37095	0.246968	0.405686	1.870777	2.523431	0.019187	0.000127	0.000204	0.019518	0.059087	208.1914404	208191	5.72						2
0.002155	0	0.005183	1.709959	0.0786	0	1.788559	0.065192	0.046397	0	0.111589	0	0	0	0.111589	0.074216	0.052819	0	0.127035	0	0	0	0.127035	0.455962	1.954474	0	2.410436	0.102775	0.004724	0	0.107499	2.399267	1014.096125			1014096	9.77				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.063365	0	0.1747	0.029368	0.004631	0	0.033999	0.001591	0.000905	0	0.002496	0	0	0	0.002496	0.113625	0.064668	0	0.178294	0	0	0	0.178294	0.405105	0.188316	0	0.593422	0	0	0	0	0.176727	19.27703012					19277	7.85		
0.001282	0.004304	0.006798	0.003247	2.65E-05	0.003286	0.00656	0.005576	0.00513	0.02329	0.033996	0.027899	0.004503	0.03042	0.096818	0.008137	0.007486	0.025499	0.041122	0.027899	0.004503	0.03042	0.103944	0.118633	0.039649	0.447693	0.605975	0.003174	2.38E-05	3.86E-05	0.003236	0.009555	34.52014969	34520	5.58						2
0.000523	0	0.001362	0.165184	0.004449	0	0.169633	0.018048	0.011268	0	0.029315	0	0	0	0.029315	0.020546	0.012827	0	0.033373	0	0	0	0.033373	0.080606	0.180282	0	0.260888	0.009928	0.000267	0	0.010196	0.188771	96.18038307			96180	8.18				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004307	0	0.043788	0.009899	0.000272	0	0.010171	0.000564	6.15E-05	0	0.000626	0	0	0	0.000626	0.040293	0.004396	0	0.044689	0	0	0	0.044689	0.156318	0.010887	0	0.167205	0	0	0	0	0.062621	5.766788877					5767	9.29		
0.012425	0.001357	0.014375	0.003434	0.000357	0.001431	0.005222	0.002516	0.052897	0.007418	0.062831	0.022244	0.003063	0.015452	0.10359	0.003671	0.077187	0.008122	0.08898	0.022244	0.003063	0.015452	0.129739	0.051597	0.408805	0.159056	0.619458	0.001968	0.000118	1E-05	0.002096	0.011464	22.35471031	22355	10.34						2
9.8E-05	0	0.000207	0.04333	0.003762	0	0.047092	0.002352	0.002109	0	0.004461	0	0	0	0.004461	0.002677	0.002401	0	0.005079	0	0	0	0.005079	0.015866	0.088181	0	0.104046	0.002604	0.000226	0	0.00283	0.056224	26.70096245			26701	8.74				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.062336	0	0.390111	0.028485	0.004266	0	0.032751	0.004683	0.000891	0	0.005574	0	0	0	0.005574	0.334519	0.063618	0	0.398137	0	0	0	0.398137	0.978018	0.157341	0	1.135359	0	0	0	0	0.10553	18.56943436					18569	4.86		
0	0.000233	0.000398	0.000588	0	0.0004	0.000988	0.000421	0	0.000769	0.00119	0.000753	0.000206	0.000786	0.002936	0.000615	0	0.000842	0.001456	0.000753	0.000206	0.000786	0.003203	0.10318	0	0.047618	0.150798	0.001322	0	2.82E-06	0.001325	0.00872	14.13341246	14133	12.44						2
0	0	1.8E-05	0.000421	0	0	0.000421	0.000388	0	0	0.000388	0	0	0	0.000388	0.000441	0	0	0.000441	0	0	0	0.000441	0.000777	0	0	0.000777	2.53E-05	0	0	2.53E-05	0.00089	0.238979906			239	15.36				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.43E-05	0.002483	0	0	0.002483	0.001169	0	0	0.001169	0	0	0	0.001169	0.001331	0	0	0.001331	0	0	0	0.001331	0.00206	0	0	0.00206	0	0	0	0	0.01927	1.407995747					1408	12.80		
0	1.13E-07	0.000354	0.000434	0	2.55E-05	0.000459	0.001603	0	5.91E-07	0.001603	7.4E-05	9.83E-06	0.000142	0.001829	0.002338	0	6.47E-07	0.002339	7.4E-05	9.83E-06	0.000142	0.002565	0.123975	0	0.003509	0.127483	7.35E-05	0	3.15E-07	7.38E-05	0.000196	0.787405397	787	5.01						2
0.147429	0	0.182397	13.7428	0.947286	0	14.69009	0.75286	3.174099	0	3.926959	0	0	0	3.926959	0.857074	3.61347	0	4.470544	0	0	0	4.470544	2.834302	46.88041	0	49.71471	0.825997	0.056936	0	0.882932	15.10853	8329.14282			8329143	7.49				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.440601	0	1.476191	0.308349	0.039867	0	0.348216	0.018494	0.006437	0	0.024931	0	0	0	0.024931	1.061108	0.449827	0	1.510935	0	0	0	1.510935	8.113769	1.643138	0	9.756907	0	0	0	0	1.124888	197.4352982					197435	6.26		
0	2.082488	2.657319	1.758055	0	1.652024	3.410079	1.667048	0	7.900324	9.567372	13.44974	2.521431	9.977014	35.51556	2.432553	0	8.64986	11.08241	13.44974	2.521431	9.977014	37.0306	269.2908	0	105.1854	374.4761	1.239245	0	0.034721	1.273966	22.94798	13588.69642	13588696	36.59						2
0	0	9E-05	0.009713	0	0	0.009713	0.001938	0	0	0.001938	0	0	0	0.001938	0.002206	0	0	0.002206	0	0	0	0.002206	0.055615	0	0	0.055615	0.000584	0	0	0.000584	0.001026	5.507413405			5507	54.52				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.108057	0.117946	0.011965	0	0.051505	0.06347	0.03238	0	0.458618	0.490998	0.577111	0.107722	0.226602	1.402434	0.047249	0	0.502129	0.549378	0.577111	0.107722	0.226602	1.460814	4.92902	0	3.522049	8.451069	0.030219	0	0.001497	0.031717	0.446887	338.3049486								
0	0.171118	0.216813	0.131896	0	0.131577	0.263472	0.137401	0	0.668968	0.806369	1.6344	0.279561	1.182269	3.902599	0.200495	0	0.732436	0.932931	1.6344	0.279561	1.182269	4.029161	20.73196	0	8.398424	29.13039	0.101331	0	0.003025	0.104356	1.590123	1113.112882	1113113	31.31						2
0	0	3.15E-07	2.42E-05	0	0	2.42E-05	6.79E-06	0	0	6.79E-06	0	0	0	6.79E-06	7.73E-06	0	0	7.73E-06	0	0	0	7.73E-06	7.19E-05	0	0	7.19E-05	1.45E-06	0	0	1.45E-06	1.38E-06	0.013710498			14	29.40				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003752	0.004093	0.000409	0	0.001789	0.002199	0.00112	0	0.015929	0.017049	0.016158	0.00329	0.005881	0.042377	0.001634	0	0.01744	0.019074	0.016158	0.00329	0.005881	0.044403	0.169848	0	0.122262	0.292111	0.001041	0	5.96E-05	0.0011	0.015357	11.73714192								
0	1.604201	2.052431	1.100862	0	1.17806	2.278922	1.365779	0	6.339873	7.705652	9.221073	1.650334	6.821386	25.39845	1.992941	0	6.941363	8.934304	9.221073	1.650334	6.821386	26.6271	184.5341	0	80.55749	265.0916	0.860561	0	0.025371	0.885932	13.20955	9449.75478	9449755	30.36						2
0	0	0.000838	0.048704	0	0	0.048704	0.018035	0	0	0.018035	0	0	0	0.018035	0.020532	0	0	0.020532	0	0	0	0.020532	0.189607	0	0	0.189607	0.002929	0	0	0.002929	0.003748	27.61470071			27615	39.72				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.036636	0.039895	0.003917	0	0.017418	0.021335	0.010722	0	0.155928	0.16665	0.174579	0.033865	0.065842	0.440936	0.015645	0	0.170722	0.186367	0.174579	0.033865	0.065842	0.460652	1.629893	0	1.19736	2.827253	0.009989	0	0.000613	0.010602	0.147594	113.0838081								
0.031777	0.112697	0.156187	0.02441	0.000921	0.218456	0.243787	0.039692	0.108047	0.500507	0.648247	0.862587	0.125826	1.158545	2.795205	0.057919	0.157663	0.547993	0.763574	0.862587	0.125826	1.158545	2.910532	7.385963	1.416278	17.99209	26.79434	0.081105	0.0004	0.001305	0.082809	0.58425	883.2790949	883279	13.33						2
0.001372	0	0.030714	0.76234	0.004948	0	0.767288	0.631706	0.029541	0	0.661247	0	0	0	0.661247	0.719155	0.033631	0	0.752786	0	0	0	0.752786	1.53261	0.244853	0	1.777463	0.045849	0.000298	0	0.046147	1.955795	435.0452398			435045	18.90				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003607	0.012548	0.017405	0.003727	0.000105	0.024736	0.028568	0.004119	0.012112	0.054638	0.070869	0.118099	0.016612	0.157375	0.362955	0.00601	0.017674	0.059822	0.083507	0.118099	0.016612	0.157375	0.375592	0.924462	0.180632	2.327272	3.432365	0.011112	5.87E-05	0.000164	0.011334	0.072213	120.8985568	120899	12.04						2
0.000678	0	0.018018	0.421756	0.003994	0	0.425749	0.37332	0.014594	0	0.387914	0	0	0	0.387914	0.425	0.016615	0	0.441614	0	0	0	0.441614	0.929689	0.120965	0	1.050654	0.025366	0.00024	0	0.025606	0.906759	241.3959479			241396	16.10				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.222163	0.862921	0.161285	0	0.007898	0.169183	3.853335	0	1.574496	5.427832	3.257153	5.993462	6.45331	21.13176	4.806799	0	1.714232	6.521031	3.257153	5.993462	6.45331	22.22496	46.24004	0	12.74909	58.98913	0.008472	0	0.000623	0.009095	0.041528	97.01430483	97014	42.43						2
0	1.004725	1.280678	0.65949	0	0.715835	1.375326	0.875027	0	4.135651	5.010678	6.334964	1.107872	4.597551	17.05107	1.276837	0	4.528018	5.804855	6.334964	1.107872	4.597551	17.84524	109.8611	0	48.73357	158.5946	0.590247	0	0.018041	0.608288	7.445163	6488.277127	6488277	24.97						2
0	0	0.000519	0.103676	0	0	0.103676	0.011178	0	0	0.011178	0	0	0	0.011178	0.012726	0	0	0.012726	0	0	0	0.012726	0.344027	0	0	0.344027	0.006235	0	0	0.006235	0.006092	58.78333085			58783	30.33				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.023126	0.025124	0.002395	0	0.010956	0.013351	0.006595	0	0.098798	0.105393	0.119029	0.022409	0.045682	0.292514	0.009624	0	0.108172	0.117795	0.119029	0.022409	0.045682	0.304916	1.003192	0	0.758632	1.761823	0.006148	0	0.000473	0.006621	0.090902	70.62618992								
0	0.000167	0.002081	0.009459	0	0.000224	0.009683	0.005348	0	0.000595	0.005943	0.10638	0.01629	0.000592	0.129206	0.007803	0	0.000652	0.008455	0.10638	0.01629	0.000592	0.131718	0.083093	0	0.012763	0.095856	0.009877	0	1.5E-06	0.009879	0.024277	105.3725531	105373	4.64						2
0	0	0.000894	0.051318	0	0	0.051318	0.019241	0	0	0.019241	0	0	0	0.019241	0.021905	0	0	0.021905	0	0	0	0.021905	0.058706	0	0	0.058706	0.003086	0	0	0.003086	0.065081	29.09705851			29097	9.69				3
0.007131	0.01985	0.030333	0.008906	0.00015	0.015807	0.024863	0.012367	0.027001	0.097397	0.136765	0.063924	0.008521	0.120941	0.330151	0.018046	0.0394	0.106637	0.164083	0.063924	0.008521	0.120941	0.35747	0.230016	0.392717	1.802063	2.424796	0.018558	0.000123	0.000196	0.018877	0.057341	201.347934	201348	5.74						2
0.002136	0	0.005111	1.700993	0.077485	0	1.778478	0.064051	0.045983	0	0.110034	0	0	0	0.110034	0.072917	0.052348	0	0.125265	0	0	0	0.125265	0.450554	1.9387	0	2.389253	0.102236	0.004657	0	0.106894	2.39713	1008.380407			1008380	9.82				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.062342	0	0.172969	0.029117	0.004573	0	0.03369	0.001581	0.000891	0	0.002471	0	0	0	0.002471	0.112903	0.063624	0	0.176528	0	0	0	0.176528	0.401649	0.18696	0	0.588609	0	0	0	0	0.175484	19.10172326					19102	7.86		
0.001238	0.004045	0.006325	0.003237	2.54E-05	0.003224	0.006486	0.004691	0.004926	0.02174	0.031357	0.026597	0.00422	0.029025	0.091198	0.006845	0.007188	0.023802	0.037836	0.026597	0.00422	0.029025	0.097677	0.098902	0.03807	0.410077	0.547048	0.003059	2.28E-05	3.66E-05	0.003118	0.009248	33.25718578	33257	5.61						2
0.000526	0	0.001287	0.165488	0.004457	0	0.169944	0.016384	0.011324	0	0.027708	0	0	0	0.027708	0.018652	0.012892	0	0.031543	0	0	0	0.031543	0.076442	0.181299	0	0.257741	0.009946	0.000268	0	0.010214	0.189697	96.356913			96357	8.19				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.00434	0	0.043998	0.009926	0.000274	0	0.0102	0.000567	6.2E-05	0	0.000629	0	0	0	0.000629	0.040473	0.00443	0	0.044903	0	0	0	0.044903	0.156907	0.011026	0	0.167933	0	0	0	0	0.062857	5.783371568					5783	9.30		
0.011989	0.001291	0.013832	0.003217	0.000341	0.00136	0.004918	0.00234	0.051054	0.00706	0.060454	0.0215	0.002895	0.015013	0.099862	0.003414	0.074498	0.00773	0.085643	0.0215	0.002895	0.015013	0.125051	0.049664	0.394562	0.15361	0.597836	0.00188	0.000113	9.66E-06	0.002004	0.011011	21.37044833	21370	10.39						2
9.36E-05	0	0.000186	0.041403	0.003572	0	0.044975	0.001982	0.002016	0	0.003998	0	0	0	0.003998	0.002257	0.002295	0	0.004552	0	0	0	0.004552	0.014432	0.084835	0	0.099267	0.002488	0.000215	0	0.002703	0.054117	25.50032153			25500	8.78				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.058221	0	0.363134	0.026874	0.004065	0	0.030939	0.004357	0.000832	0	0.005188	0	0	0	0.005188	0.311186	0.059418	0	0.370605	0	0	0	0.370605	0.895765	0.153909	0	1.049674	0	0	0	0	0.100645	17.54229545					17542	4.91		
0	0.000237	0.000404	0.000601	0	0.000406	0.001007	0.000426	0	0.000782	0.001208	0.000838	0.00022	0.000855	0.00312	0.000621	0	0.000856	0.001478	0.000838	0.00022	0.000855	0.00339	0.105804	0	0.04809	0.153893	0.001345	0	2.86E-06	0.001348	0.008891	14.3742448	14374	12.47						2
0	0	1.84E-05	0.000422	0	0	0.000422	0.000395	0	0	0.000395	0	0	0	0.000395	0.00045	0	0	0.00045	0	0	0	0.00045	0.000844	0	0	0.000844	2.54E-05	0	0	2.54E-05	0.000891	0.239120507			239	15.36				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.62E-05	0.002536	0	0	0.002536	0.001209	0	0	0.001209	0	0	0	0.001209	0.001377	0	0	0.001377	0	0	0	0.001377	0.002219	0	0	0.002219	0	0	0	0	0.019722	1.438053702					1438	12.83		
0	9.77E-08	0.000345	0.000423	0	3.2E-05	0.000455	0.001558	0	5.07E-07	0.001558	7.12E-05	9.28E-06	0.000138	0.001776	0.002273	0	5.55E-07	0.002274	7.12E-05	9.28E-06	0.000138	0.002492	0.120211	0	0.003427	0.123638	7.15E-05	0	3.04E-07	7.18E-05	0.000191	0.766360768	766	5.02						2
0.151476	0	0.187237	14.06925	0.971841	0	15.04109	0.769926	3.26124	0	4.031166	0	0	0	4.031166	0.876502	3.712673	0	4.589175	0	0	0	4.589175	2.890648	48.17065	0	51.0613	0.845618	0.058412	0	0.904029	15.50085	8528.158772			8528159	7.50				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.441142	0	1.458664	0.306515	0.039859	0	0.346373	0.017435	0.006415	0	0.02385	0	0	0	0.02385	1.041756	0.450345	0	1.492101	0	0	0	1.492101	7.993647	1.650058	0	9.643705	0	0	0	0	1.125058	196.3904726					196390	6.27		
0	2.066822	2.639588	1.756694	0	1.652407	3.409101	1.657342	0	7.808344	9.465686	13.32369	2.481538	9.922733	35.19365	2.41839	0	8.549154	10.96754	13.32369	2.481538	9.922733	36.69551	269.2076	0	104.8166	374.0241	1.23972	0	0.03475	1.274471	22.9934	13594.0831	13594083	36.63						2
0	0	8.59E-05	0.009603	0	0	0.009603	0.00185	0	0	0.00185	0	0	0	0.00185	0.002107	0	0	0.002107	0	0	0	0.002107	0.054214	0	0	0.054214	0.000578	0	0	0.000578	0.001018	5.444742988			5445	54.73				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.108478	0.118367	0.011962	0	0.051672	0.063634	0.032391	0	0.460716	0.493107	0.581196	0.107815	0.226068	1.408186	0.047265	0	0.504426	0.551691	0.581196	0.107815	0.226068	1.46677	4.931276	0	3.538191	8.469467	0.030233	0	0.001502	0.031735	0.447184	338.5013938								
0	0.166532	0.211086	0.129775	0	0.130435	0.26021	0.132721	0	0.645409	0.77813	1.58194	0.267167	1.152654	3.779891	0.193666	0	0.706642	0.900308	1.58194	0.267167	1.152654	3.902069	20.48365	0	8.249917	28.73357	0.100784	0	0.003005	0.103789	1.590254	1107.059334	1107059	31.43						2
0	0	3.16E-07	2.43E-05	0	0	2.43E-05	6.8E-06	0	0	6.8E-06	0	0	0	6.8E-06	7.74E-06	0	0	7.74E-06	0	0	0	7.74E-06	7.22E-05	0	0	7.22E-05	1.46E-06	0	0	1.46E-06	1.39E-06	0.013784775			14	29.45				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003846	0.004192	0.000415	0	0.001831	0.002247	0.001138	0	0.016351	0.017489	0.017793	0.003489	0.006518	0.045289	0.001661	0	0.017902	0.019563	0.017793	0.003489	0.006518	0.047362	0.172627	0	0.125503	0.298129	0.001058	0	6.12E-05	0.001119	0.01561	11.93559285								
0	1.593533	2.039161	1.093758	0	1.179383	2.27314	1.353165	0	6.275321	7.628486	9.171729	1.626564	6.807205	25.23398	1.974536	0	6.870686	8.845222	9.171729	1.626564	6.807205	26.45072	184.2704	0	80.40122	264.6716	0.860312	0	0.025392	0.885704	13.23943	9447.324684	9447325	30.42						2
0	0	0.00084	0.048758	0	0	0.048758	0.018077	0	0	0.018077	0	0	0	0.018077	0.02058	0	0	0.02058	0	0	0	0.02058	0.190167	0	0	0.190167	0.002932	0	0	0.002932	0.003758	27.64521952			27645	39.78				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.037116	0.040397	0.00394	0	0.01763	0.02157	0.010799	0	0.158124	0.168923	0.182798	0.034826	0.068794	0.455342	0.015758	0	0.173126	0.188884	0.182798	0.034826	0.068794	0.475302	1.641853	0	1.214248	2.856101	0.010063	0	0.000621	0.010683	0.148694	113.9536835								
0.030672	0.106899	0.148727	0.02247	0.000892	0.211506	0.234868	0.037451	0.103833	0.470498	0.611782	0.834157	0.118535	1.124969	2.689443	0.054649	0.151513	0.515136	0.721297	0.834157	0.118535	1.124969	2.798958	7.223144	1.378434	17.59041	26.19199	0.078961	0.000388	0.001267	0.080616	0.570958	859.8852123	859885	13.39						2
0.001338	0	0.029232	0.74319	0.004806	0	0.747995	0.600539	0.028813	0	0.629352	0	0	0	0.629352	0.683673	0.032802	0	0.716475	0	0	0	0.716475	1.440763	0.238819	0	1.679583	0.044697	0.000289	0	0.044986	1.918527	424.106382			424106	18.95				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.00346	0.011951	0.016608	0.003541	0.000101	0.02378	0.027422	0.003912	0.011567	0.051714	0.067193	0.114563	0.015734	0.153478	0.350969	0.005709	0.016878	0.05662	0.079207	0.114563	0.015734	0.153478	0.362983	0.903158	0.175986	2.275123	3.354267	0.010813	5.7E-05	0.000159	0.011029	0.070518	117.6408122	117641	12.08						2
0.000664	0	0.017383	0.412084	0.0039	0	0.415984	0.359948	0.014298	0	0.374246	0	0	0	0.374246	0.409777	0.016278	0	0.426054	0	0	0	0.426054	0.883397	0.118511	0	1.001908	0.024784	0.000235	0	0.025018	0.890789	235.8590228			235859	16.13				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.218405	0.855445	0.160797	0	0.00765	0.168447	3.819949	0	1.540663	5.360612	3.207018	5.989194	6.445131	21.00195	4.769992	0	1.677544	6.447535	3.207018	5.989194	6.445131	22.08888	45.9005	0	12.6977	58.5982	0.008464	0	0.000615	0.009079	0.04155	96.8396787	96840	42.49						2
0	0.97802	1.246848	0.64599	0	0.711014	1.357004	0.840081	0	3.969021	4.809102	6.214403	1.075263	4.53762	16.63639	1.225845	0	4.345578	5.571423	6.214403	1.075263	4.53762	17.39871	109.037	0	48.21323	157.2502	0.589057	0	0.017998	0.607055	7.45556	6475.123772	6475124	25.04						2
0	0	0.00051	0.103153	0	0	0.103153	0.010971	0	0	0.010971	0	0	0	0.010971	0.01249	0	0	0.01249	0	0	0	0.01249	0.340923	0	0	0.340923	0.006204	0	0	0.006204	0.00608	58.48687118			58487	30.42				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.023465	0.025478	0.002411	0	0.011105	0.013515	0.006648	0	0.100357	0.107006	0.125576	0.023128	0.048008	0.303718	0.009701	0	0.109879	0.11958	0.125576	0.023128	0.048008	0.316292	1.011417	0	0.770614	1.782031	0.006199	0	0.00048	0.006679	0.091655	71.23894916								
0	0.000166	0.002072	0.009803	0	0.00022	0.010023	0.005326	0	0.000592	0.005917	0.103466	0.015566	0.00058	0.125529	0.007772	0	0.000648	0.008419	0.103466	0.015566	0.00058	0.128031	0.08268	0	0.012703	0.095384	0.009844	0	1.5E-06	0.009846	0.024196	105.0211891	105021	4.64						2
0	0	0.000869	0.051015	0	0	0.051015	0.018718	0	0	0.018718	0	0	0	0.018718	0.021309	0	0	0.021309	0	0	0	0.021309	0.056367	0	0	0.056367	0.003068	0	0	0.003068	0.065307	28.92476236			28925	9.69				3
0.006917	0.019182	0.029337	0.008457	0.000144	0.016083	0.024683	0.011822	0.026185	0.093979	0.131986	0.061556	0.00805	0.117384	0.318976	0.017251	0.038209	0.102895	0.158355	0.061556	0.00805	0.117384	0.345345	0.217596	0.380862	1.738435	2.336893	0.018012	0.000118	0.000189	0.018319	0.055818	195.4019166	195402	5.76						2

0.002122	0	0.005055	1.696931	0.076587	0	1.773518	0.063162	0.045678	0	0.10884	0	0	0	0.10884	0.071905	0.052001	0	0.123906	0	0	0	0.123906	0.44672	1.927263	0	2.373983	0.101992	0.004603	0	0.106595	2.401154	1005.56801			1005568	9.86				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.061366	0	0.17143	0.028906	0.004519	0	0.033424	0.001573	0.000877	0	0.002449	0	0	0	0.002449	0.112329	0.062629	0	0.174957	0	0	0	0.174957	0.398719	0.185716	0	0.584435	0	0	0	0	0.174459	18.95112134					18951	7.88		
0.001188	0.003785	0.005811	0.0032	2.43E-05	0.003075	0.006299	0.003633	0.004706	0.020062	0.028401	0.024674	0.003898	0.027408	0.084382	0.005301	0.006868	0.021965	0.034134	0.024674	0.003898	0.027408	0.090114	0.076821	0.036373	0.368251	0.481445	0.002951	2.16E-05	3.44E-05	0.003007	0.008962	32.07363181	32074	5.63						2
0.000529	0	0.001211	0.165821	0.004469	0	0.17029	0.014689	0.011388	0	0.026077	0	0	0	0.026077	0.016722	0.012964	0	0.029687	0	0	0	0.029687	0.072174	0.182423	0	0.254597	0.009967	0.000269	0	0.010235	0.190613	96.55296716			96553	8.20				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004372	0	0.044225	0.009957	0.000276	0	0.010233	0.000569	6.25E-05	0	0.000632	0	0	0	0.000632	0.040674	0.004462	0	0.045135	0	0	0	0.045135	0.157535	0.011167	0	0.168702	0	0	0	0	0.063114	5.802212806					5802	9.31		
0.011469	0.001274	0.013275	0.003025	0.000322	0.001263	0.00461	0.002258	0.048888	0.006976	0.058122	0.020488	0.002703	0.014429	0.095741	0.003295	0.071337	0.007638	0.082269	0.020488	0.002703	0.014429	0.119889	0.047349	0.377821	0.146113	0.571283	0.001785	0.000108	9.2E-06	0.001902	0.010503	20.28690267	20287	10.44						2
8.93E-05	0	0.00017	0.039497	0.003382	0	0.042879	0.001748	0.001923	0	0.003671	0	0	0	0.003671	0.00199	0.002189	0	0.004179	0	0	0	0.004179	0.01333	0.081196	0	0.094526	0.002374	0.000203	0	0.002577	0.051941	24.31219067			24312	8.82				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.05417	0	0.337279	0.025323	0.003862	0	0.029185	0.004045	0.000774	0	0.004819	0	0	0	0.004819	0.288934	0.055284	0	0.344218	0	0	0	0.344218	0.818087	0.150017	0	0.968104	0	0	0	0	0.095833	16.54746291					16547	4.96		
0	0.000242	0.000416	0.000628	0	0.000419	0.001046	0.000445	0	0.0008	0.001244	0.000855	0.000224	0.000872	0.003195	0.000649	0	0.000875	0.001524	0.000855	0.000224	0.000872	0.003475	0.108026	0	0.049623	0.157649	0.001367	0	2.92E-06	0.00137	0.009062	14.61522714	14615	12.50						2
0	0	1.82E-05	0.000422	0	0	0.000422	0.000391	0	0	0.000391	0	0	0	0.000391	0.000446	0	0	0.000446	0	0	0	0.000446	0.000809	0	0	0.000809	2.54E-05	0	0	2.54E-05	0.000891	0.239262639			239	15.36				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.68E-05	0.002589	0	0	0.002589	0.001222	0	0	0.001222	0	0	0	0.001222	0.001391	0	0	0.001391	0	0	0	0.001391	0.002165	0	0	0.002165	0	0	0	0	0.020174	1.468105849					1468	12.85		
0	9.64E-08	0.000337	0.000415	0	3.93E-05	0.000455	0.001524	0	5E-07	0.001524	6.92E-05	8.87E-06	0.000134	0.001736	0.002223	0	5.47E-07	0.002224	6.92E-05	8.87E-06	0.000134	0.002436	0.117292	0	0.003363	0.120655	6.99E-05	0	2.95E-07	7.02E-05	0.000187	0.748951821	749	5.04						2
0.155693	0	0.1923	14.41431	0.997635	0	15.41194	0.788128	3.352035	0	4.140164	0	0	0	4.140164	0.897224	3.816037	0	4.713261	0	0	0	4.713261	2.951335	49.5146	0	52.46593	0.866357	0.059962	0	0.926319	15.91055	8738.425856			8738426	7.51				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.442392	0	1.44296	0.304941	0.03989	0	0.344831	0.016278	0.006397	0	0.022676	0	0	0	0.022676	1.023412	0.45158	0	1.474992	0	0	0	1.474992	7.884651	1.658333	0	9.542983	0	0	0	0	1.126386	195.5160459					195516	6.28		
0	2.054653	2.625831	1.755778	0	1.653511	3.409289	1.649727	0	7.734203	9.38393	13.25557	2.448519	9.883541	34.97156	2.407278	0	8.467978	10.87526	13.25557	2.448519	9.883541	36.46288	269.1863	0	104.5559	373.7423	1.240343	0	0.034792	1.275135	23.03425	13601.16505	13601165	36.66						2
0	0	8.17E-05	0.009507	0	0	0.009507	0.00176	0	0	0.00176	0	0	0	0.00176	0.002003	0	0	0.002003	0	0	0	0.002003	0.052851	0	0	0.052851	0.000572	0	0	0.000572	0.001012	5.390206735			5390	54.92				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.108887	0.118777	0.011961	0	0.051836	0.063797	0.032406	0	0.462738	0.495144	0.585568	0.108012	0.225991	1.414714	0.047287	0	0.50664	0.553927	0.585568	0.108012	0.225991	1.473497	4.934184	0	3.553755	8.487939	0.030251	0	0.001507	0.031758	0.447526	338.7421131								
0	0.162735	0.206352	0.128047	0	0.129557	0.257604	0.128872	0	0.625798	0.75467	1.544698	0.256659	1.128887	3.684914	0.18805	0	0.68517	0.87322	1.544698	0.256659	1.128887	3.803464	20.28069	0	8.129394	28.41009	0.100347	0	0.002989	0.103337	1.590832	1102.236976	1102237	31.54						2
0	0	3.15E-07	2.44E-05	0	0	2.44E-05	6.78E-06	0	0	6.78E-06	0	0	0	6.78E-06	7.71E-06	0	0	7.71E-06	0	0	0	7.71E-06	7.2E-05	0	0	7.2E-05	1.47E-06	0	0	1.47E-06	1.39E-06	0.01383208			14	29.50				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.003931	0.004282	0.00042	0	0.00187	0.00229	0.001154	0	0.016738	0.017892	0.019445	0.003685	0.007165	0.048187	0.001684	0	0.018326	0.02001	0.019445	0.003685	0.007165	0.050305	0.175078	0	0.128473	0.303551	0.001073	0	6.26E-05	0.001135	0.015833	12.11120851								
0	1.584323	2.027612	1.087304	0	1.180726	2.26803	1.341905	0	6.218781	7.560686	9.146925	1.604699	6.794413	25.10672	1.958105	0	6.808782	8.766887	9.146925	1.604699	6.794413	26.31292	184.0118	0	80.27539	264.2871	0.860125	0	0.025416	0.885541	13.26584	9445.583481	9445583	30.47						2
0	0	0.000841	0.048812	0	0	0.048812	0.018116	0	0	0.018116	0	0	0	0.018116	0.020623	0	0	0.020623	0	0	0	0.020623	0.190676	0	0	0.190676	0.002936	0	0	0.002936	0.003767	27.67581864			27676	39.83				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.03755	0.040849	0.00396	0	0.01782	0.021781	0.010865	0	0.160115	0.17098	0.190823	0.035745	0.071724	0.469271	0.015855	0	0.175305	0.19116	0.190823	0.035745	0.071724	0.489451	1.652206	0	1.229553	2.881759	0.010126	0	0.000628	0.010754	0.149646	114.7103575								
0.029702	0.102419	0.142806	0.021032	0.000867	0.205653	0.227551	0.035588	0.100185	0.448017	0.58379	0.810033	0.112186	1.093102	2.599112	0.05193	0.14619	0.490522	0.688642	0.810033	0.112186	1.093102	2.703963	7.080863	1.344942	17.22951	25.65531	0.077091	0.000377	0.001233	0.078701	0.55921	839.4642641	839464	13.43						2
0.001306	0	0.028074	0.725429	0.004672	0	0.730101	0.576301	0.028122	0	0.604423	0	0	0	0.604423	0.656081	0.032015	0	0.688096	0	0	0	0.688096	1.363323	0.23309	0	1.596413	0.043629	0.000281	0	0.04391	1.882738	413.9601753			413960	18.99				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003326	0.011435	0.015911	0.003392	9.76E-05	0.022914	0.026403	0.003738	0.01107	0.049224	0.064032	0.111235	0.014913	0.149367	0.339547	0.005454	0.016153	0.053895	0.075502	0.111235	0.014913	0.149367	0.351017	0.88333	0.171653	2.225319	3.280302	0.010542	5.54E-05	0.000155	0.010753	0.068965	114.6935734	114694	12.12						2
0.000652	0	0.016892	0.403554	0.00382	0	0.407373	0.349625	0.014041	0	0.363666	0	0	0	0.363666	0.398025	0.015985	0	0.41401	0	0	0	0.41401	0.844332	0.116378	0	0.96071	0.024271	0.00023	0	0.024501	0.876308	230.9768774			230977	16.15				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.213815	0.846897	0.160259	0	0.00736	0.167619	3.784474	0	1.499383	5.283857	3.14228	5.974485	6.424318	20.82494	4.730789	0	1.63277	6.363559	3.14228	5.974485	6.424318	21.90464	45.53691	0	12.61678	58.15369	0.008455	0	0.000603	0.009058	0.041562	96.61431941	96614	42.57						2
0	0.953562	1.215726	0.633366	0	0.706545	1.339911	0.807533	0	3.815737	4.62327	6.125262	1.04537	4.483698	16.2776	1.178351	0	4.177752	5.356103	6.125262	1.04537	4.483698	17.01043	108.1897	0	47.73577	155.9255	0.588013	0	0.017963	0.605977	7.464096	6463.620611	6463621	25.10						2
0	0	0.000502	0.102748	0	0	0.102748	0.010805	0	0	0.010805	0	0	0	0.010805	0.0123	0	0	0.0123	0	0	0	0.0123	0.338498	0	0	0.338498	0.00618	0	0	0.00618	0.006072	58.25710285			58257	30.50				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.023769	0.025794	0.002424	0	0.011237	0.013661	0.006694	0	0.101757	0.108452	0.131734	0.023798	0.05022	0.314203	0.009768	0	0.111412	0.12118	0.131734	0.023798	0.05022	0.326931	1.01849	0	0.781376	1.799866	0.006242	0	0.000486	0.006728	0.092304	71.76876899								
0	0.000165	0.002067	0.009985	0	0.000216	0.010201	0.005313	0	0.000589	0.005901	0.101016	0.014869	0.000568	0.122355	0.007752	0	0.000645	0.008397	0.101016	0.014869	0.000568	0.12485	0.082336	0	0.012664	0.094999	0.009813	0	1.49E-06	0.009814	0.024118	104.6843037	104684	4.64						2
0	0	0.000848	0.050748	0	0	0.050748	0.018259	0	0	0.018259	0	0	0	0.018259	0.020786	0	0	0.020786	0	0	0	0.020786	0.054327	0	0	0.054327	0.003052	0	0	0.003052	0.0655	28.77365502			28774	9.69				3
0.006725	0.018608	0.028544	0.00813	0.000139	0.016213	0.024482	0.01165	0.025456	0.091093	0.128199	0.059574	0.007634	0.113931	0.309337	0.016999	0.037146	0.099735	0.15388	0.059574	0.007634	0.113931	0.335019	0.207986	0.370291	1.691263	2.26954	0.017544	0.000115	0.000183	0.017842	0.05451	190.3145395	190315	5.77						2
0.002113	0	0.005018	1.697791	0.075911	0	1.773702	0.06255	0.045486	0	0.108036	0	0	0	0.108036	0.071208	0.051782	0	0.12299	0	0	0	0.12299	0.444357	1.920315	0	2.364672	0.102044	0.004563	0	0.106607	2.411155	1005.672448			1005672	9.89				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.060441	0	0.170017	0.028718	0.004466	0	0.033184	0.001566	0.000864	0	0.002429	0	0	0	0.002429	0.11183	0.061684	0	0.173515	0	0	0	0.173515	0.396131	0.18447	0	0.580601	0	0	0	0	0.173576	18.81511634					18815	7.90		
0.001145	0.003512	0.005307	0.003077	2.34E-05	0.002975	0.006074	0.002654	0.004503	0.01835	0.025507	0.023287	0.003592	0.025858	0.078244	0.003873	0.006571	0.020091	0.030534	0.023287	0.003592	0.025858	0.083271	0.055355	0.034802	0.327136	0.417294	0.002857	2.06E-05	3.24E-05	0.00291	0.008713	31.03499966	31035	5.66						2
0.000532	0	0.001135	0.166148	0.004486	0	0.170634	0.01297	0.011461	0	0.024431	0	0	0	0.024431	0.014765	0.013048	0	0.027813	0	0	0	0.027813	0.067869	0.183665	0	0.251534	0.009986	0.00027	0	0.010256	0.191485	96.7479231			96748	8.21				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.0044	0	0.044492	0.009996	0.000279	0	0.010274	0.000573	6.29E-05	0	0.000636	0	0	0	0.000636	0.040917	0.004491	0	0.045408	0	0	0	0.045408	0.1583	0.011308	0	0.169607	0	0	0	0	0.063428	5.825405609					5825	9.32		
0.01061	0.001166	0.012275	0.00266	0.000293	0.001118	0.004071	0.002123	0.045251	0.006389	0.053762	0.018624	0.002368	0.013202	0.087957	0.003097	0.06603	0.006995	0.076122	0.018624	0.002368	0.013202	0.110317	0.043428	0.349712	0.137972	0.531112	0.001631	9.93E-05	8.51E-06	0.001739	0.009674	18.54701974	18547	10.52						2
8.51E-05	0	0.000159	0.037597	0.003197	0	0.040794	0.001595	0.001831	0	0.003426	0	0	0	0.003426	0.001816	0.002085	0	0.0039	0	0	0	0.0039	0.012442	0.077451	0	0.089893	0.00226	0.000192	0	0.002452	0.049721	23.1297252			23130	8.87				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.050319	0	0.313183	0.023844	0.00366	0	0.027505	0.003756	0.000719	0	0.004475	0	0	0	0.004475	0.268271	0.051355	0	0.319626	0	0	0	0.319626	0.74725	0.145657	0	0.892907	0	0	0	0	0.091109	15.59487935					15595	5.00		
0	0.000249	0.000432	0.000653	0	0.000433	0.001086	0.00047	0	0.000822	0.001292	0.000836	0.000224	0.000863	0.003215	0.000685	0	0.0009	0.001586	0.000836	0.000224	0.000863	0.003509	0.110551	0	0.051418	0.161968	0.00139	0	2.98E-06	0.001393	0.009233	14.85624689	14856	12.53						2
0	0	1.83E-05	0.000422	0	0	0.000422	0.000394	0	0	0.000394	0	0	0	0.000394	0.000449	0	0	0.000449	0	0	0	0.000449	0.00083	0	0	0.00083	2.54E-05	0	0	2.54E-05	0.000892	0.239401405			239	15.36				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.79E-05	0.002642	0	0	0.002642	0.001247	0	0	0.001247	0	0	0	0.001247	0.001419	0	0	0.001419	0	0	0	0.001419	0.002208	0	0	0.002208	0	0	0	0	0.020626	1.498142702					1498	12.88		
0	3.02E-09	0.000332	0.000414	0	4.58E-05	0.000459	0.001502	0	1.62E-08	0.001503	6.68E-05	8.49E-06	0.00013	0.001708	0.002192	0	1.78E-08	0.002192	6.68E-05	8.49E-06	0.00013	0.002398	0.115938	0	0.003283	0.11922	6.86E-05	0	2.86E-07	6.89E-05	0.000184	0.734733955	735	5.04						2
0.160073	0	0.197587	14.77704	1.024591	0	15.80163	0.807679	3.446321	0	4.254	0	0	0	4.254	0.919481	3.923374	0	4.842855	0	0	0	4.842855	3.0167	50.90961	0	53.92631	0.888159	0.061582	0	0.949741	16.33736	8959.377268			8959377	7.52				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.444486	0	1.432295	0.303939	0.039987	0	0.343926	0.015585	0.006406	0	0.021992	0	0	0	0.021992	1.009808	0.453694	0	1.463502	0	0	0	1.463502	7.788209	1.668657	0	9.456866	0	0	0	0	1.12929	195.0027334					195003	6.29		
0	2.045388	2.615381	1.755273	0	1.655143	3.410416	1.643905	0	7.675458	9.319363	13.18502	2.41976	9.854049	34.77819	2.398782	0	8.40366	10.80244	13.18502	2.41976	9.854049	36.26127	269.2247	0	104.3835	373.6082	1.241087	0	0.034841	1.275928	23.07184	13609.62569	13609626	36.69						2
0	0	7.77E-05	0.009424	0	0	0.009424	0.001672	0	0	0.001672	0	0	0	0.001672	0.001903	0	0	0.001903	0	0	0	0.001903	0.05158	0	0	0.05158	0.000567	0	0	0.000567	0.001006	5.343106596			5343	55.09				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.109289	0.119182	0.011963	0	0.051998	0.063961	0.032426	0	0.464712	0.497138	0.589692	0.108294	0.226279	1.421404	0.047316	0	0.508802	0.556117	0.589692	0.108294	0.226279	1.480383	4.937803	0	3.568948	8.506751	0.030273	0	0.001512	0.031785	0.447923	339.0312466								
0	0.160327	0.203424	0.127164	0	0.129147	0.256311	0.12676	0	0.613558	0.740318	1.518993	0.249543	1.113675	3.622529	0.184967	0	0.671769	0.856736	1.518993	0.249543	1.113675	3.738948	20.17136	0	8.057969	28.22933	0.100061	0	0.002981	0.103042	1.592459	1099.092469	1099092	31.62						2
0	0	3.17E-07	2.45E-05	0	0	2.45E-05	6.82E-06	0	0	6.82E-06	0	0	0	6.82E-06	7.77E-06	0	0	7.77E-06	0	0	0	7.77E-06	7.27E-05	0	0	7.27E-05	1.48E-06	0	0	1.48E-06	1.4E-06	0.013909036			14	29.52				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00401	0.004364	0.000425	0	0.001905	0.00233	0.001168	0	0.017091	0.018259	0.0211	0.003875	0.007815	0.051048	0.001705	0	0.018712	0.020417	0.0211	0.003875	0.007815	0.053206	0.177236	0	0.131185	0.308421	0.001086	0	6.39E-05	0.00115	0.01603	12.26627208								
0	1.575956	2.016958	1.081009	0	1.18187	2.262879	1.330939	0	6.166484	7.497423	9.11276	1.584509	6.783568	24.97826	1.942102	0	6.751524	8.693627	9.11276	1.584509	6.783568	26.17446	183.761	0	80.15971	263.9208	0.86001	0	0.025442	0.885453	13.28981	9444.638226	9444638	30.52						2
0	0	0.000843	0.048865	0	0	0.048865	0.01815	0	0	0.01815	0	0	0	0.01815	0.020663	0	0	0.020663	0	0	0	0.020663	0.191143	0	0	0.191143	0.002939	0	0	0.002939	0.003775	27.70618108			27706	39.88				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.03794	0.041254	0.003977	0	0.017991	0.021968	0.010923	0	0.161912	0.172835	0.198503	0.03661	0.074557	0.482505	0.015939	0	0.177274	0.193212	0.198503	0.03661	0.074557	0.502882	1.661161	0	1.24338	2.904541	0.010181	0	0.000635	0.010816	0.150472	115.3679265								
0.028718	0.097642	0.136555	0.019482	0.000841	0.199773	0.220096	0.03362	0.096411	0.423632	0.553663	0.777761	0.104931	1.051892	2.488247	0.049059	0.140683	0.463823	0.653565	0.777761	0.104931	1.051892	2.588149	6.949901	1.310556	16.86822	25.12868	0.075293	0.000367	0.0012	0.07686	0.548077	819.8186374	819819	13.48						2
0.001275	0	0.027031	0.70896	0.004543	0	0.713503	0.554518	0.027452	0	0.58197	0	0	0	0.58197	0.631282	0.031252	0	0.662534	0	0	0	0.662534	1.291549	0.227534	0	1.519083	0.042639	0.000273	0	0.042912	1.849173	404.5496773			404550	19.02				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003204	0.010959	0.015272	0.003261	9.44E-05	0.022132	0.025487	0.003584	0.010616	0.046922	0.061122	0.107605	0.014137	0.145021	0.327884	0.005229	0.015491	0.051373	0.072094	0.107605	0.014137	0.145021	0.338856	0.865173	0.167622	2.178415	3.21121	0.010299	5.4E-05	0.000151	0.010504	0.067557	112.0438791	112044	12.16						2
0.00064	0	0.016409	0.395446	0.003738	0	0.399185	0.339498	0.01378	0	0.353278	0	0	0	0.353278	0.386496	0.015687	0	0.402183	0	0	0	0.402183	0.805008	0.114214	0	0.919221	0.023783	0.000225	0	0.024008	0.862684	226.3339127			226334	16.18				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.208648	0.837725	0.159706	0	0.00704	0.166746	3.748547	0	1.452831	5.201378	3.066314	5.951877	6.394063	20.61363	4.691036	0	1.582274	6.27331	3.066314	5.951877	6.394063	21.68556	45.16734	0	12.51437	57.68171	0.008443	0	0.00059	0.009034	0.041567	96.3569195	96357	42.64						2
0	0.931861	1.18833	0.622594	0	0.70291	1.325504	0.780235	0	3.681282	4.461517	6.025611	1.016103	4.431222	15.93445	1.138517	0	4.030541	5.169058	6.025611	1.016103	4.431222	16.64199	107.0096	0	47.27965	154.2893	0.587036	0	0.017931	0.604967	7.470732	6452.849191	6452849	25.16						2
0	0	0.000496	0.102446	0	0	0.102446	0.010671	0	0	0.010671	0	0	0	0.010671	0.012148	0	0	0.012148	0	0	0	0.012148	0.336622	0	0	0.336622	0.006161	0	0	0.006161	0.006067	58.08615886			58086	30.57				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.02404	0.026076	0.002436	0	0.011355	0.013791	0.006734	0	0.103016	0.10975	0.13746	0.02442	0.052306	0.323936	0.009826	0	0.11279	0.122616	0.13746	0.02442	0.052306	0.336802	1.024606	0	0.791054	1.81566	0.00628	0	0.000492	0.006772	0.092865	72.22922221								
0	0.00017	0.001893	0.010055	0	0.000212	0.010268	0.004809	0	0.000592	0.0054	0.09881	0.014276	0.000559	0.119045	0.007017	0	0.000648	0.007665	0.09881	0.014276	0.000559	0.121309	0.082733	0	0.011976	0.094709	0.009787	0	1.48E-06	0.009789	0.024054	104.4114405	104411	4.64						2
0	0	0.000834	0.05051	0	0	0.05051	0.017952	0	0	0.017952	0	0	0	0.017952	0.020438	0	0	0.020438	0	0	0	0.020438	0.052782	0	0	0.052782	0.003038	0	0	0.003038	0.065665	28.63880863			28639	9.69				3
0.006553	0.018192	0.027834	0.00788	0.000134	0.016499	0.024513	0.011259	0.024793	0.088942	0.124994	0.057303	0.007245	0.110202	0.299744	0.016429	0.036178	0.097381	0.149988	0.057303	0.007245	0.110202	0.324737	0.202657	0.360656	1.603453	2.166766	0.017145	0.000111	0.000177	0.017434	0.053388	185.9569822	185957	5.79						2
0.002109	0	0.004997	1.703377	0.075466	0	1.778843	0.06218	0.045411	0	0.10759	0	0	0	0.10759	0.070787	0.051697	0	0.122483	0	0	0	0.122483	0.443396	1.91818	0	2.361576	0.10238	0.004536	0	0.106916	2.427008	1008.587432			1008587	9.93				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.059613	0	0.168835	0.028571	0.004419	0	0.03299	0.001561	0.000852	0	0.002412	0	0	0	0.002412	0.111469	0.06084	0	0.172308	0	0	0	0.172308	0.394117	0.183348	0	0.577465	0	0	0	0	0.172928	18.70513744					18705	7.91		

0.001101	0.003276	0.00479	0.002859	2.26E-05	0.002883	0.005764	0.001491	0.004298	0.01679	0.022579	0.021619	0.003273	0.024199	0.071671	0.002176	0.006272	0.018383	0.02683	0.021619	0.003273	0.024199	0.075923	0.033113	0.033219	0.277645	0.343977	0.002771	1.95E-05	3.01E-05	0.00282	0.008486	30.08154855	30082	5.69						2
0.000536	0	0.001083	0.166483	0.004505	0	0.170988	0.011777	0.01154	0	0.023317	0	0	0	0.023317	0.013407	0.013138	0	0.026545	0	0	0	0.026545	0.064551	0.18495	0	0.249501	0.010006	0.000271	0	0.010277	0.192292	96.94839717			96948	8.22				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004418	0	0.044762	0.01003	0.00028	0	0.010311	0.000576	6.31E-05	0	0.00064	0	0	0	0.00064	0.041174	0.004509	0	0.045683	0	0	0	0.045683	0.159037	0.011445	0	0.170483	0	0	0	0	0.063738	5.846096002					5846	9.33		
0.009373	0.001016	0.010813	0.002099	0.000253	0.000901	0.003254	0.001807	0.040002	0.005573	0.047381	0.015653	0.001902	0.011261	0.076197	0.002636	0.05837	0.006102	0.067108	0.015653	0.001902	0.011261	0.095924	0.037296	0.309144	0.11781	0.46425	0.001412	8.66E-05	7.38E-06	0.001506	0.008484	16.0587322	16059	10.65						2
8.09E-05	0	0.00015	0.035741	0.003018	0	0.03876	0.001485	0.001742	0	0.003227	0	0	0	0.003227	0.001691	0.001983	0	0.003674	0	0	0	0.003674	0.011692	0.073727	0	0.085419	0.002148	0.000181	0	0.00233	0.047535	21.9762832			21976	8.92				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.046812	0	0.291762	0.022487	0.003467	0	0.025954	0.0035	0.000669	0	0.004169	0	0	0	0.004169	0.249988	0.047776	0	0.297764	0	0	0	0.297764	0.686057	0.14095	0	0.827007	0	0	0	0	0.086641	14.71557643					14716	5.04		
0	0.000254	0.000442	0.000669	0	0.000443	0.001111	0.000482	0	0.00084	0.001322	0.000868	0.000232	0.000892	0.003315	0.000703	0	0.00092	0.001623	0.000868	0.000232	0.000892	0.003616	0.112799	0	0.052572	0.165371	0.001412	0	3.03E-06	0.001415	0.009404	15.09708801	15097	12.56						2
0	0	1.87E-05	0.000422	0	0	0.000422	0.000402	0	0	0.000402	0	0	0	0.000402	0.000457	0	0	0.000457	0	0	0	0.000457	0.000899	0	0	0.000899	2.54E-05	0	0	2.54E-05	0.000892	0.239542588			240	15.36				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	5.89E-05	0.002695	0	0	0.002695	0.001269	0	0	0.001269	0	0	0	0.001269	0.001445	0	0	0.001445	0	0	0	0.001445	0.002258	0	0	0.002258	0	0	0	0	0.021078	1.528169989					1528	12.90		
0	3.11E-07	0.000328	0.000412	0	5.26E-05	0.000465	0.00148	0	1.77E-06	0.001482	6.44E-05	8.12E-06	0.000125	0.00168	0.002159	0	1.94E-06	0.002161	6.44E-05	8.12E-06	0.000125	0.002359	0.113559	0	0.003212	0.116771	6.75E-05	0	2.79E-07	6.78E-05	0.000181	0.722940419	723	5.05						2
0.164616	0	0.203082	15.1575	1.052725	0	16.21022	0.828161	3.54414	0	4.3723	0	0	0	4.3723	0.942798	4.034733	0	4.977531	0	0	0	4.977531	3.085877	52.35661	0	55.44249	0.911026	0.063273	0	0.974298	16.78114	9191.044744			9191045	7.53				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.447415	0	1.421655	0.303201	0.040132	0	0.343333	0.014589	0.006417	0	0.021006	0	0	0	0.021006	0.995046	0.456648	0	1.451694	0	0	0	1.451694	7.701985	1.680925	0	9.38291	0	0	0	0	1.133452	194.6664862					194666	6.30		
0	2.041924	2.611725	1.756554	0	1.658777	3.41533	1.642642	0	7.651951	9.294594	13.15407	2.401434	9.840836	34.69094	2.39694	0	8.377924	10.77486	13.15407	2.401434	9.840836	36.17121	269.4206	0	104.3696	373.7902	1.241877	0	0.034898	1.276775	23.10821	13618.66192	13618662	36.71						2
0	0	7.55E-05	0.00937	0	0	0.00937	0.001626	0	0	0.001626	0	0	0	0.001626	0.001851	0	0	0.001851	0	0	0	0.001851	0.050858	0	0	0.050858	0.000564	0	0	0.000564	0.001002	5.312761859			5313	55.21				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.109686	0.119583	0.011966	0	0.05216	0.064125	0.032448	0	0.466657	0.499105	0.594081	0.108652	0.226885	1.428722	0.047348	0	0.510931	0.558278	0.594081	0.108652	0.226885	1.487896	4.941793	0	3.583912	8.525705	0.030297	0	0.001517	0.031814	0.448346	339.3462886								
0	0.158834	0.201728	0.126936	0	0.129064	0.256	0.125969	0	0.606296	0.732266	1.502649	0.244356	1.102463	3.581734	0.183814	0	0.663818	0.847632	1.502649	0.244356	1.102463	3.697101	20.12155	0	8.013972	28.13552	0.099843	0	0.002976	0.102819	1.594749	1096.713745	1096714	31.68						2
0	0	3.19E-07	2.46E-05	0	0	2.46E-05	6.86E-06	0	0	6.86E-06	0	0	0	6.86E-06	7.81E-06	0	0	7.81E-06	0	0	0	7.81E-06	7.32E-05	0	0	7.32E-05	1.48E-06	0	0	1.48E-06	1.41E-06	0.013975934			14	29.53				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.00408	0.004439	0.000429	0	0.001936	0.002365	0.00118	0	0.017412	0.018593	0.022762	0.00406	0.008471	0.053886	0.001723	0	0.019064	0.020787	0.022762	0.00406	0.008471	0.05608	0.179123	0	0.133653	0.312776	0.001098	0	6.51E-05	0.001163	0.016202	12.4023784								
0	1.573122	2.014167	1.08128	0	1.186026	2.267306	1.330543	0	6.148522	7.479065	9.085597	1.568101	6.773133	24.9059	1.941525	0	6.731857	8.673383	9.085597	1.568101	6.773133	26.10021	183.8416	0	80.17191	264.0135	0.859906	0	0.025472	0.885378	13.31511	9443.83827	9443838	30.56						2
0	0	0.000844	0.048917	0	0	0.048917	0.018181	0	0	0.018181	0	0	0	0.018181	0.020698	0	0	0.020698	0	0	0	0.020698	0.191571	0	0	0.191571	0.002942	0	0	0.002942	0.003783	27.73550377			27736	39.91				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.038291	0.041618	0.003991	0	0.018143	0.022134	0.010972	0	0.163536	0.174508	0.205868	0.037425	0.077296	0.495097	0.01601	0	0.179051	0.195061	0.205868	0.037425	0.077296	0.51565	1.668847	0	1.255869	2.924716	0.010228	0	0.000641	0.010869	0.151182	115.9353698								
0.02785	0.094439	0.13215	0.01845	0.00082	0.193201	0.212472	0.032349	0.093182	0.408236	0.533767	0.748771	0.099462	1.015124	2.397124	0.047204	0.135971	0.446967	0.630142	0.748771	0.099462	1.015124	2.493498	6.835801	1.280601	16.57309	24.68949	0.073746	0.000357	0.00117	0.075273	0.538386	802.8998676	802900	13.52						2
0.001245	0	0.025893	0.694049	0.004422	0	0.698471	0.530644	0.026812	0	0.557457	0	0	0	0.557457	0.604103	0.030524	0	0.634627	0	0	0	0.634627	1.227769	0.222235	0	1.450004	0.041742	0.000266	0	0.042008	1.817898	396.0266092			396027	19.05				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.003089	0.010538	0.014702	0.003151	9.15E-05	0.021356	0.024599	0.003456	0.010192	0.044918	0.058566	0.103853	0.013402	0.140305	0.316127	0.005043	0.014872	0.049179	0.069094	0.103853	0.013402	0.140305	0.326655	0.848304	0.163778	2.13408	3.146162	0.010077	5.26E-05	0.000147	0.010276	0.066257	109.6133037	109613	12.19						2
0.000628	0	0.015737	0.387734	0.003659	0	0.391393	0.325278	0.013523	0	0.3388	0	0	0	0.3388	0.370307	0.015395	0	0.385702	0	0	0	0.385702	0.767965	0.112082	0	0.880047	0.023319	0.00022	0	0.023539	0.850208	221.9160193			221916	16.20				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.204991	0.830904	0.159288	0	0.006757	0.166045	3.719802	0	1.419581	5.139384	3.010505	5.942599	6.380343	20.47283	4.659641	0	1.54624	6.205881	3.010505	5.942599	6.380343	21.53933	44.90751	0	12.46974	57.37726	0.008435	0	0.00058	0.009015	0.041579	96.16100354	96161	42.71						2
0	0.927293	1.182839	0.620742	0	0.704599	1.325341	0.776434	0	3.656696	4.433131	5.942678	0.994282	4.386871	15.75696	1.132971	0	4.003622	5.136593	5.942678	0.994282	4.386871	16.46042	106.8388	0	47.15549	153.9942	0.58616	0	0.017908	0.604069	7.482306	6443.273108	6443273	25.21						2
0	0	0.000491	0.102221	0	0	0.102221	0.01056	0	0	0.01056	0	0	0	0.01056	0.012022	0	0	0.012022	0	0	0	0.012022	0.335139	0	0	0.335139	0.006148	0	0	0.006148	0.006065	57.95847492			57958	30.62				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.024285	0.02633	0.002446	0	0.011461	0.013906	0.006767	0	0.104153	0.11092	0.142837	0.024997	0.054279	0.333033	0.009875	0	0.114034	0.123909	0.142837	0.024997	0.054279	0.346022	1.029885	0	0.799792	1.829677	0.006312	0	0.000497	0.006809	0.093351	72.629134								
0	0.000174	0.001686	0.009937	0	0.000209	0.010146	0.004206	0	0.000586	0.004792	0.096919	0.013761	0.00055	0.116022	0.006137	0	0.000642	0.006779	0.096919	0.013761	0.00055	0.118009	0.082098	0	0.011077	0.093175	0.009763	0	1.46E-06	0.009764	0.023994	104.1515708	104152	4.64						2
0	0	0.00082	0.050278	0	0	0.050278	0.017664	0	0	0.017664	0	0	0	0.017664	0.020109	0	0	0.020109	0	0	0	0.020109	0.05131	0	0	0.05131	0.003024	0	0	0.003024	0.065799	28.50689127			28507	9.69				3
0.006402	0.017772	0.027095	0.007665	0.00013	0.016881	0.024675	0.010706	0.024188	0.086758	0.121652	0.055062	0.006868	0.106164	0.289745	0.015622	0.035295	0.094989	0.145906	0.055062	0.006868	0.106164	0.313999	0.193759	0.351875	1.495462	2.041097	0.016806	0.000108	0.000171	0.017085	0.052432	182.240746	182241	5.80						2
0.002111	0	0.004993	1.713413	0.075249	0	1.788662	0.062052	0.045451	0	0.107503	0	0	0	0.107503	0.070642	0.051742	0	0.122384	0	0	0	0.122384	0.443885	1.920753	0	2.364638	0.102983	0.004523	0	0.107506	2.448333	1014.154636			1014155	9.96				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.058903	0	0.167925	0.028471	0.004378	0	0.032849	0.001558	0.000842	0	0.002399	0	0	0	0.002399	0.111265	0.060115	0	0.171379	0	0	0	0.171379	0.392763	0.182394	0	0.575157	0	0	0	0	0.172547	18.62524559					18625	7.93		
0.001058	0.003054	0.004454	0.002759	2.17E-05	0.002701	0.005482	0.00124	0.004095	0.01551	0.020845	0.020099	0.002997	0.022564	0.066505	0.001809	0.005975	0.016981	0.024766	0.020099	0.002997	0.022564	0.070426	0.031203	0.031646	0.253206	0.316054	0.002692	1.84E-05	2.83E-05	0.002739	0.00828	29.21795019	29218	5.71						2
0.00054	0	0.001051	0.166833	0.004524	0	0.171357	0.010998	0.01162	0	0.022619	0	0	0	0.022619	0.012521	0.013229	0	0.02575	0	0	0	0.02575	0.062267	0.186207	0	0.248474	0.010027	0.000272	0	0.010299	0.192999	97.15772055			97158	8.22				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.004429	0	0.045056	0.010066	0.000282	0	0.010348	0.00058	6.33E-05	0	0.000644	0	0	0	0.000644	0.041464	0.00452	0	0.045983	0	0	0	0.045983	0.159811	0.011586	0	0.171397	0	0	0	0	0.064076	5.867166175					5867	9.35		
0.008154	0.000913	0.009422	0.001606	0.000212	0.000692	0.00251	0.001515	0.034854	0.005018	0.041387	0.012803	0.001478	0.009309	0.064976	0.00221	0.050859	0.005494	0.058563	0.012803	0.001478	0.009309	0.082153	0.031404	0.269362	0.098415	0.399181	0.001197	7.44E-05	6.29E-06	0.001278	0.00731	13.63053137	13631	10.81						2
7.7E-05	0	0.000142	0.033997	0.002853	0	0.036849	0.001398	0.001658	0	0.003056	0	0	0	0.003056	0.001592	0.001887	0	0.003479	0	0	0	0.003479	0.011046	0.070195	0	0.081242	0.002043	0.000171	0	0.002215	0.045467	20.8932182			20893	8.97				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.043711	0	0.273272	0.021262	0.003283	0	0.024545	0.00328	0.000625	0	0.003905	0	0	0	0.003905	0.234284	0.04461	0	0.278894	0	0	0	0.278894	0.635217	0.135885	0	0.771102	0	0	0	0	0.08248	13.91657005					13917	5.07		
0	0.000257	0.000449	0.000688	0	0.00045	0.001139	0.00049	0	0.000851	0.001341	0.000835	0.00023	0.000876	0.003281	0.000715	0	0.000931	0.001647	0.000835	0.00023	0.000876	0.003587	0.114169	0	0.053582	0.16775	0.001435	0	3.08E-06	0.001438	0.009575	15.33778335	15338	12.59						2
0	0	1.88E-05	0.000423	0	0	0.000423	0.000405	0	0	0.000405	0	0	0	0.000405	0.000461	0	0	0.000461	0	0	0	0.000461	0.000922	0	0	0.000922	2.54E-05	0	0	2.54E-05	0.000893	0.239685059			240	15.36				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0	6E-05	0.002748	0	0	0.002748	0.001291	0	0	0.001291	0	0	0	0.001291	0.00147	0	0	0.00147	0	0	0	0.00147	0.002276	0	0	0.002276	0	0	0	0	0.02153	1.558185154					1558	12.92		
0	7.9E-07	0.000311	0.0004	0	5.98E-05	0.000459	0.001403	0	4.54E-06	0.001408	6.16E-05	7.76E-06	0.00012	0.001598	0.002048	0	4.97E-06	0.002053	6.16E-05	7.76E-06	0.00012	0.002243	0.108234	0	0.003161	0.111395	6.66E-05	0	2.73E-07	6.68E-05	0.000179	0.712787931	713	5.06						2
0.169317	0	0.208773	15.55455	1.08196	0	16.63651	0.849479	3.645345	0	4.494824	0	0	0	4.494824	0.967068	4.149947	0	5.117015	0	0	0	5.117015	3.158673	53.85373	0	57.01241	0.93489	0.06503	0	0.99992	17.24195	9432.743836			9432744	7.54				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.451058	0	1.414103	0.302866	0.040308	0	0.343174	0.013906	0.006451	0	0.020358	0	0	0	0.020358	0.983025	0.460345	0	1.44337	0	0	0	1.44337	7.621041	1.694567	0	9.315609	0	0	0	0	1.138774	194.5764209					194576	6.31		
0	2.039691	2.609374	1.757672	0	1.662396	3.420069	1.641799	0	7.634821	9.27662	13.1066	2.384091	9.828385	34.59569	2.395709	0	8.359168	10.75488	13.1066	2.384091	9.828385	36.07395	269.6078	0	104.3934	374.0012	1.242589	0	0.034956	1.277545	23.13979	13626.87106	13626871	36.73						2
0	0	7.32E-05	0.009321	0	0	0.009321	0.001575	0	0	0.001575	0	0	0	0.001575	0.001793	0	0	0.001793	0	0	0	0.001793	0.05012	0	0	0.05012	0.000561	0	0	0.000561	0.000999	5.284843579			5285	55.32				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.110076	0.119976	0.011968	0	0.052319	0.064287	0.03247	0	0.468566	0.501035	0.598124	0.109062	0.227717	1.435939	0.047379	0	0.513021	0.5604	0.598124	0.109062	0.227717	1.495304	4.945731	0	3.598603	8.544334	0.030321	0	0.001523	0.031844	0.448758	339.6588589								
0	0.157717	0.200452	0.126776	0	0.129068	0.255844	0.125354	0	0.600816	0.72617	1.488659	0.240379	1.094434	3.549643	0.182917	0	0.657818	0.840735	1.488659	0.240379	1.094434	3.664207	20.08945	0	7.985153	28.0746	0.099684	0	0.002973	0.102658	1.596884	1094.993306	1094993	31.73						2
0	0	3.2E-07	2.48E-05	0	0	2.48E-05	6.89E-06	0	0	6.89E-06	0	0	0	6.89E-06	7.85E-06	0	0	7.85E-06	0	0	0	7.85E-06	7.37E-05	0	0	7.37E-05	1.49E-06	0	0	1.49E-06	1.42E-06	0.014033225			14	29.55				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.004144	0.004505	0.000432	0	0.001964	0.002396	0.001191	0	0.017704	0.018895	0.02444	0.004242	0.009135	0.056711	0.001738	0	0.019383	0.021121	0.02444	0.004242	0.009135	0.058938	0.180759	0	0.135891	0.31665	0.001108	0	6.62E-05	0.001174	0.016351	12.52080726								
0	1.571221	2.012319	1.08156	0	1.189958	2.271518	1.330311	0	6.135411	7.465722	9.052264	1.553701	6.766369	24.83806	1.941187	0	6.717502	8.658689	9.052264	1.553701	6.766369	26.03102	183.9489	0	80.2212	264.1701	0.859839	0	0.025505	0.885344	13.33751	9443.481423	9443481	30.59						2
0	0	0.000845	0.048954	0	0	0.048954	0.018197	0	0	0.018197	0	0	0	0.018197	0.020717	0	0	0.020717	0	0	0	0.020717	0.191816	0	0	0.191816	0.002944	0	0	0.002944	0.003789	27.75627005			27756	39.95				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.038608	0.041946	0.004003	0	0.01828	0.022283	0.011013	0	0.165011	0.176025	0.213009	0.038205	0.079988	0.507227	0.016071	0	0.180667	0.196737	0.213009	0.038205	0.079988	0.52794	1.675396	0	1.267218	2.942614	0.010268	0	0.000647	0.010915	0.151789	116.4224636								
0.027175	0.091938	0.128724	0.017697	0.000803	0.188117	0.206617	0.031402	0.090697	0.396368	0.518466	0.723379	0.095201	0.984119	2.321165	0.045822	0.132345	0.433973	0.612139	0.723379	0.095201	0.984119	2.414837	6.737604	1.25673	16.32722	24.32155	0.072492	0.00035	0.001146	0.073988	0.530318	789.1869727	789187	13.55						2
0.001219	0	0.024969	0.68092	0.004316	0	0.685236	0.511319	0.026249	0	0.537568	0	0	0	0.537568	0.582103	0.029883	0	0.611986	0	0	0	0.611986	1.175608	0.217564	0	1.393172	0.040952	0.00026	0	0.041212	1.789618	388.5225283			388523	19.08				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.002985	0.010155	0.014184	0.003053	8.89E-05	0.02065	0.023792	0.003342	0.009807	0.043089	0.056238	0.099795	0.012706	0.135354	0.304094	0.004877	0.01431	0.047177	0.066364	0.099795	0.012706	0.135354	0.31422	0.832875	0.160202	2.09262	3.085697	0.009876	5.13E-05	0.000144	0.010071	0.065076	107.4218759	107422	12.21						2
0.000614	0	0.014811	0.379715	0.00356	0	0.383275	0.30566	0.013212	0	0.318872	0	0	0	0.318872	0.347974	0.015041	0	0.363015	0	0	0	0.363015	0.717694	0.109507	0	0.827201	0.022837	0.000214	0	0.023051	0.839061	217.3134916			217313	16.23				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.199987	0.822146	0.158758	0	0.006396	0.165154	3.686115	0	1.374446	5.060561	2.927705	5.914473	6.343728	20.24647	4.622605	0	1.497304	6.119909	2.927705	5.914473	6.343728	21.30582	44.59652	0	12.37765	56.97416	0.008423	0	0.000565	0.008988	0.041573	95.86962971	95870	42.80						2
0	0.923984	1.178999	0.619657	0	0.706507	1.326165	0.774147	0	3.638178	4.412325	5.878301	0.978113	4.358184	15.62692	1.129633	0	3.983347	5.11298	5.878301	0.978113	4.358184	16.32758	106.7343	0	47.07517	153.8095	0.585612	0	0.017903	0.603515	7.493243	6437.362875	6437363	25.25						2
0	0	0.000477	0.101863	0	0	0.101863	0.010262	0	0	0.010262	0	0	0	0.010262	0.011682	0	0	0.011682	0	0	0	0.011682	0.331398	0	0	0.331398	0.006126	0	0	0.006126	0.006057	57.75515892			57755	30.69				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0	0.024505	0.026557	0.002454	0	0.011555	0.014009	0.006796	0	0.105182	0.111978	0.147922	0.025544	0.056185	0.34163	0.009917	0	0.115161	0.125078	0.147922	0.025544	0.056185	0.35473	1.0344	0	0.807705	1.842105	0.00634	0	0.000502	0.006841	0.093767	72.9740281								
0	0.000164	0.001489	0.009254	0	0.000194	0.009448	0.003671	0	0.00055	0.004221	0.095578	0.013393	0.000544	0.113736	0.005357	0	0.000602	0.005959	0.095578	0.013393	0.000544	0.115474	0.074286	0	0.010199	0.084485	0.009747	0	1.44E-06	0.009748	0.023953	103.9806684	103981	4.64						2
0	0	0.000809	0.050077	0	0	0.050077	0.017414	0	0	0.017414	0	0	0	0.017414	0.019824	0	0	0.019824	0	0	0	0.019824	0.050026	0	0	0.050026	0.003012	0	0	0.003012	0.065908	28.39293001			28393	9.69				3
0.006294	0.017109	0.026195	0.007551	0.000127	0.017014	0.024691	0.010369	0.023626	0.083741	0.117736	0.052456	0.006488	0.101706	0.278386	0.01513	0.034474	0.091686	0.141291	0.052456	0.006488	0.101706	0.301941	0.176547	0.34371	1.404143	1.9244	0.016517	0.000105	0.000166	0.016787	0.051615	179.0629614	179063	5.81						2
0.002118	0	0.005001	1.727371	0.075236	0	1.802607	0.06207	0.045597	0	0.107667	0	0	0	0.107667	0.070662	0.051909	0	0.12257	0	0	0	0.12257	0.445472	1.927756	0	2.373229	0.103822	0.004522	0	0.108344	2.474589	1022.061247			1022061	9.99				3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
0.058335	0	0.16736	0.028431	0.004346	0	0.032777	0.001558	0.000833	0	0.002391	0	0	0	0.002391	0.111269	0.059535	0	0.170804	0	0	0	0.170804	0.392225	0.181731	0	0.573956	0	0	0	0	0.17251	18.58418687					18584	7.94		
0.001025	0.00288	0.00419	0.002641	2.45E-05	0.002453	0.005119	0.001038	0.003933	0.014647	0.019617	0.018698	0.002774	0.021229	0.062317	0.001515	0.005739	0.016036	0.02329	0.018698	0.002774	0.021229	0.06599	0.028233	0.030393	0.233108	0.291734	0.002629	1.76E-05	2.69E-05	0.002673	0.008112	28.51541428	28515	5.74						2
0.000543	0	0.001024	0.167136	0.004542	0	0.171678	0.010342	0.011699	0	0.022042	0	0	0	0.022042	0.011774	0.013319	0	0.025093	0	0	0	0.025093	0.060246	0.187419	0	0.247666	0.010046	0.000273	0	0.010319	0.193657	97.3399858			97340	8.23				3
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0.004426	0	0.045371	0.010099	0.000283	0	0.010382	0.000585	6.32E-05	0	0.000648	0	0	0	0.000648	0.041788	0.004517	0	0.046304	0	0	0	0.046304	0.160584	0.011733	0	0.172317	0	0	0	0	0.064426	5.886465777					5886	9.37	
0.007309	0.000793	0.008408	0.001217	0.000189	0.000534	0.00194	0.001305	0.031252	0.004359	0.036916	0.010784	0.001192	0.007937	0.05683	0.001904	0.045603	0.004773	0.05228	0.010784	0.001192	0.007937	0.072194	0.02696	0.241526	0.085592	0.354078	0.001052	6.59E-05	5.55E-06	0.001123	0.006505	11.98184614	11982	10.94					2
7.34E-05	0	0.000135	0.032382	0.002701	0	0.035083	0.001324	0.00158	0	0.002904	0	0	0	0.002904	0.001508	0.001798	0	0.003306	0	0	0	0.003306	0.010475	0.066886	0	0.077361	0.001946	0.000162	0	0.002109	0.043534	19.89166809			19892	9.02			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0.041037	0	0.257659	0.020174	0.003112	0	0.023286	0.003095	0.000586	0	0.003681	0	0	0	0.003681	0.221079	0.041881	0	0.26296	0	0	0	0.26296	0.594155	0.13061	0	0.724765	0	0	0	0	0.078677	13.20272082					13203	5.10	
0	0.00026	0.000453	0.000697	0	0.000454	0.001151	0.000494	0	0.000859	0.001352	0.00086	0.000232	0.000896	0.00334	0.00072	0	0.00094	0.001661	0.00086	0.000232	0.000896	0.003648	0.11581	0	0.054046	0.169856	0.001457	0	3.13E-06	0.001461	0.009746	15.57842168	15578	12.61					2
0	0	1.91E-05	0.000423	0	0	0.000423	0.000411	0	0	0.000411	0	0	0	0.000411	0.000467	0	0	0.000467	0	0	0	0.000467	0.000974	0	0	0.000974	2.54E-05	0	0	2.54E-05	0.000893	0.239830697			240	15.36			3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
0	0	5.96E-05	0.002801	0	0	0.002801	0.001283	0	0	0.001283	0	0	0	0.001283	0.00146	0	0	0.00146	0	0	0	0.00146	0.002157	0	0	0.002157	0	0	0	0	0.021981	1.588194751					1588	12.94	

VMT %	Weighted MPG	
% of annual VMT by fuel	Gasoline	Diesel
0.060%	0.001936665	
59.354%		3.30837777
#REF!		
59.655%	13.71297876	
4.516%		1.26697722
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9.932%	1.988112945	
0.348%		0.08234016
#REF!		
17.666%	2.980023511	
0.024%		0.00489175
2.305%	0.20171208	
11.378%		1.99403215
0.311%	0.023936636	
3.235%		0.51821014
0.226%	0.078377733	
9.050%	1.459513346	
0.455%		0.08272187
0.266%	0.011915059	
0.222%		0.02133082
0.440%	0.019198685	
17.070%		1.40897289
0.056%	0.002582625	
1.113%		0.07691473
0.028%	0.002398909	
0.792%		0.06050899
0.005%	0.000259292	
1.493%		0.08096662
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0.051%	0.001655551	
58.841%		3.29822617
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58.602%	13.60035617	
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9.308%	1.869772393	
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18.063%	3.067176625	
0.023%		0.00468461
2.371%	0.208041565	
12.705%		2.22595015
0.305%	0.023490773	
3.358%		0.53687007
0.307%	0.108253502	
10.256%	1.649637481	
0.390%		0.07099087
0.245%	0.011020129	
0.250%		0.02414494
0.402%	0.017623623	
16.922%		1.39712379
0.061%	0.002783394	
1.103%		0.07601716
0.026%	0.002160512	
0.785%		0.06012189
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1.414%		0.07744034
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17.694%	3.023594709	
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0.302%	0.023413187	
3.540%		0.56553946
0.337%	0.119836058	
11.735%	1.886327254	
0.383%		0.07088309
0.227%	0.010221015	
0.281%		0.02712548
0.378%	0.016680476	
16.603%		1.37674275

0.073%	0.003362409
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0.335%	0.03248762
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16.055%	1.32545759
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0.209%	0.009496022
0.361%	0.03520624
0.373%	0.01659717
15.997%	1.32360646
0.077%	0.003577845
1.043%	0.07289984
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4.297%	0.66723644
0.404%	0.143465371
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0.202%	0.009222314
0.388%	0.03795616
0.338%	0.015046131
15.761%	1.30594355
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4.917%		0.7552503
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0.004%		0.00061607
#REF!		
#REF!		
0.000%	1.86378E-05	
72.304%		5.439873
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#REF!		
49.772%	18.26191492	
0.316%		0.17396782
#REF!		
#REF!		
3.463%	1.094982466	
0.000%		0.00012999
#REF!		
#REF!		
28.728%	8.767163786	
1.185%		0.47256129
#REF!		
#REF!		
1.101%	0.148425278	
8.255%		1.57058589
#REF!		
0.136%	0.016500319	
3.927%		0.63523297
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0.410%	0.174651377	
16.181%	4.070695527	
1.905%		0.58216793
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#REF!		
0.048%	0.002244805	
0.298%		0.02883292
0.107%	0.006209049	
10.742%		1.06653724
#REF!		
#REF!		

0.017%	0.000969771	
0.855%		0.0702225
#REF!		
#REF!		
0.017%	0.001815706	
0.210%		0.01876012
#REF!		
#REF!		
0.019%	0.002372971	
0.004%		0.00060603
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#REF!		
0.000%	1.83857E-05	
72.940%		5.49408616
#REF!		
#REF!		
49.796%	18.28164722	
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#REF!		
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0.000%		0.00012843
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#REF!		
28.741%	8.782369703	
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#REF!		
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7.951%		1.51497199
#REF!		
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0.409%	0.174703271	
16.176%	4.077412066	
1.870%		0.57260919
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0.291%		0.02818299
0.105%	0.006105909	
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0.017%	0.00094975	
0.842%		0.06921241
#REF!		
#REF!		
0.015%	0.001586671	
0.198%		0.01772753
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#REF!		
0.019%	0.002419525	
0.004%		0.00059561
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0.000%	1.81924E-05	
73.547%		5.54544261
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0.302%		0.16724807
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#REF!		
3.458%	1.097485431	
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#REF!		
1.064%	0.144137216	
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1.833%		0.56251937
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0.284%		0.027544
0.104%	0.006017612	
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#REF!		
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0.828%		0.06816662
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#REF!		
#REF!		
0.020%	0.002466163	
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#REF!		
#REF!		

Construction Offroad Calculations

Nothing for the user to do here.

This tab calculates fuel consumption from offroad equipment and schedule input in the USER INPUT tab

Fuel consumption calculated from OFFROAD based on fuel consumption divided by horsepower hours to generate an average for all epuipment output

Total =	**244**

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor	Days	total hp-hrs	Gallons per hp-hr	Gallons
Site Preparation	Trenchers	1	8	40	0.5	22	3520	0.027	97
Site Preparation	Off-Highway Tractors	1	8	38	0.44	22	2942.72	0.027	81
Site Preparation	Excavators	1	8	36	0.38	22	2407.68	0.027	66
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
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0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
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0	0	0	0	0	0	0	0	0.027	0
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0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0
0	0	0	0	0	0	0	0	0.027	0

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	8/1/2023	8/30/2023	5	22	—
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0
0	0	0	1/0/1900	1/0/1900	0	0	0

Construction Mobile Calculations

Nothing for the user to do here.

Trips and VMT										
Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
0	0	0	0	0	0	0	0	0	0	0
Site Preparation	3	7.5	0	0	7.7	6.8	20	LD_Mix	HDT_Mix	HHDT
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

Nothing to do here. This Phase Calculates VMT by Type

Phase Name	Worker VMT	Vendor VMT	Haul VMT
0	0	0	0
Site Preparation	57.75	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Nothing to do here. This Looks up MPG by type based on the construction year

Phase Name	Year	Worker MPG	Vendor MPG	Haul MPG
Site Preparation	2023	26.16	7.31	5.94
Grading	2023	26.16	7.31	5.94
Building Construction	2023	26.16	7.31	5.94
Paving	2023	26.16	7.31	5.94
Architectural Coating	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94
	2023	26.16	7.31	5.94

Nothing to do here. This Phase Calculates Energy from Workers

Phase Name	Total gallons of gasoline	Total gallons of diesel
0	0	
Site Preparation	2	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	
0	0	

2

Nothing to do here. This Phase Calculates Energy from Trucks

Phase Name	Total gallons of gasoline	Total gallons of diesel
Site Preparation		0
Grading		0
Building Construction		0
Paving		0
Architectural Coating		0
0		0
0		0
0		0
0		0
0		0
0		0
0		0

0

Construction Worker Commute MPG Estimate

Nothing for the user to do here.

Summary By Year	Gasoline mpg
2000	20.72
2001	20.87
2002	21.05
2003	21.12
2004	21.15
2005	21.25
2006	21.29
2007	21.37
2008	21.43
2009	21.27
2010	21.50
2011	21.69
2012	21.96
2013	22.30
2014	22.67
2015	23.11
2016	23.57
2017	23.93
2018	24.27
2019	24.55
2020	24.73
2021	25.21
2022	25.66
2023	26.16
2024	26.70
2025	27.28
2026	27.86
2027	28.41
2028	28.95
2029	29.47
2030	29.96
2031	30.42
2032	30.85
2033	31.24
2034	31.61
2035	31.94
2036	32.24
2037	32.51
2038	32.75
2039	32.95
2040	33.13
2041	33.29
2042	33.42
2043	33.54
2044	33.63
2045	33.71
2046	33.78
2047	33.83
2048	33.88
2049	33.92
2050	33.95

Splits from caleemod

LDA	50%
LDT1	25%
LDT2	25%

EMFAC OUTPUT
Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population (Vehicles)	Total VMT (Daily)	Combustion VMT (daily)	Electric VMT (Daily)	Trips/day	EV Kwh/day	Fuel Consumption (1000	Gasoline Gallons/day	MPG	MPG Weighting for Summary
Statewide Totals	2000	LDA	Aggregate	Aggregate	Gasoline	12975810	4.72E+08	4.72E+08	0	60588685	0	20516.23	20,516,230	22.99	11.49363023
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Gasoline	2319618.6	78517211	78517211	0	10534754	0	3922.369	3,922,369	20.02	5.004450222
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Gasoline	3662790.1	1.4E+08	1.4E+08	0	17446453	0	8279.711	8,279,711	16.87	4.2170851
Statewide Totals	2001	LDA	Aggregate	Aggregate	Gasoline	13308544	4.7E+08	4.7E+08	0	62270350	0	20262	20,261,999	23.21	11.60404089
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Gasoline	2278707.9	74688563	74688563	0	10357793	0	3717.996	3,717,996	20.09	5.022097536
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Gasoline	3920021.4	1.45E+08	1.45E+08	0	18709138	0	8536.151	8,536,151	16.98	4.245057641
Statewide Totals	2002	LDA	Aggregate	Aggregate	Gasoline	13337654	4.9E+08	4.9E+08	0	62474621	0	20891.4	20,891,400	23.44	11.7217823
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Gasoline	2148790.3	73247239	73247239	0	9780555	0	3623.053	3,623,053	20.22	5.054247725
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Gasoline	3918885.9	1.49E+08	1.49E+08	0	18684596	0	8741.187	8,741,187	17.09	4.272105528
Statewide Totals	2003	LDA	Aggregate	Aggregate	Gasoline	13289987	4.76E+08	4.76E+08	0	62230479	0	20188.22	20,188,222	23.56	11.78115803
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Gasoline	2113483.2	69150105	69150105	0	9563720	0	3422.43	3,422,430	20.20	5.051243964
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Gasoline	4205849.4	1.56E+08	1.56E+08	0	20045006	0	9098.822	9,098,822	17.16	4.28884293
Statewide Totals	2004	LDA	Aggregate	Aggregate	Gasoline	13615726	4.75E+08	4.75E+08	0	63711787	0	20162.36	20,162,360	23.55	11.77675932
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Gasoline	2016966.8	63407313	63407313	0	9072282	0	3142.455	3,142,455	20.18	5.044409232
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Gasoline	4427127.3	1.6E+08	1.6E+08	0	21093497	0	9263.983	9,263,983	17.30	4.324985499
Statewide Totals	2005	LDA	Aggregate	Aggregate	Gasoline	13394011	4.69E+08	4.69E+08	0	62846346	0	19824.99	19,824,985	23.64	11.82216502
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Gasoline	1930843	59325461	59325461	0	8632924	0	2936.383	2,936,383	20.20	5.050896808
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Gasoline	4491068	1.62E+08	1.62E+08	0	21437527	0	9269.614	9,269,614	17.51	4.378475905
Statewide Totals	2006	LDA	Aggregate	Aggregate	Gasoline	13511187	4.61E+08	4.61E+08	0	63396761	0	19496.15	19,496,150	23.65	11.8261619
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Gasoline	1884731.6	55555554	55555554	0	8375969	0	2749.635	2,749,635	20.20	5.051174936
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Gasoline	4533327.2	1.59E+08	1.59E+08	0	21589220	0	8981.543	8,981,543	17.65	4.412183856
Statewide Totals	2007	LDA	Aggregate	Aggregate	Gasoline	13518233	4.56E+08	4.56E+08	0	63474358	0	19235.68	19,235,683	23.72	11.8618668
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Gasoline	1808196.5	52115470	52115470	0	8004644	0	2574.685	2,574,685	20.24	5.060373043
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Gasoline	4605095.4	1.58E+08	1.58E+08	0	21902433	0	8889.164	8,889,164	17.80	4.450618734
Statewide Totals	2008	LDA	Aggregate	Aggregate	Gasoline	13291596	4.38E+08	4.38E+08	0	62347769	0	18419.82	18,419,822	23.76	11.87863404
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Gasoline	1764504.2	50303576	50303576	0	7833550	0	2476.568	2,476,568	20.31	5.077951454
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Gasoline	4573823	1.52E+08	1.52E+08	0	21660972	0	8490.782	8,490,782	17.89	4.472628896
Statewide Totals	2009	LDA	Aggregate	Aggregate	Gasoline	13178663	4.33E+08	4.33E+08	0	61570531	0	18398.75	18,398,751	23.56	11.7806128
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Gasoline	1687519.2	48512286	48512286	0	7480953	0	2404.227	2,404,227	20.18	5.044479453
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Gasoline	4539096.6	1.5E+08	1.5E+08	0	21361890	0	8432.176	8,432,176	17.77	4.441303056
Statewide Totals	2010	LDA	Aggregate	Aggregate	Gasoline	13034486	4.43E+08	4.43E+08	0	60728534	0	18590.06	18,590,057	23.83	11.91637164
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Gasoline	1631795.4	48585578	48585578	0	7217402	0	2387.937	2,387,937	20.35	5.086564337
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Gasoline	4539398.6	1.54E+08	1.54E+08	0	21253478	0	8570.865	8,570,865	17.98	4.494344329
Statewide Totals	2011	LDA	Aggregate	Aggregate	Gasoline	12971612	4.41E+08	4.41E+08	0	60326141	0	18338.86	18,338,858	24.05	12.02324163

Statewide Totals	2011	LDT1	Aggregate	Aggregate	Gasoline	1538031.3	45260246	45260246	0	6757554	0	2217.304	2,217,304	20.41	5.103071065
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Gasoline	4629309.3	1.57E+08	1.57E+08	0	21614427	0	8605.074	8,605,074	18.25	4.562741243
Statewide Totals	2012	LDA	Aggregate	Aggregate	Gasoline	13123742	4.49E+08	4.49E+08	0	61007955	0	18414.04	18,414,042	24.36	12.18035523
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Gasoline	1495749	44087669	44087669	0	6555116	0	2140.364	2,140,364	20.60	5.14955361
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Gasoline	4710185.7	1.6E+08	1.6E+08	0	21936673	0	8632.117	8,632,117	18.52	4.629687491
Statewide Totals	2013	LDA	Aggregate	Aggregate	Gasoline	13410044	4.61E+08	4.61E+08	0	62351338	0	18623.82	18,623,819	24.75	12.37611947
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Gasoline	1476705.4	43684741	43684741	0	6465723	0	2095.323	2,095,323	20.85	5.212173823
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Gasoline	4879350.7	1.66E+08	1.66E+08	0	22705560	0	8812.588	8,812,588	18.84	4.711173434
Statewide Totals	2014	LDA	Aggregate	Aggregate	Gasoline	13609448	4.74E+08	4.74E+08	0	63353029	0	18848.24	18,848,235	25.15	12.57454283
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Gasoline	1443740.8	43518044	43518044	0	6348191	0	2052.956	2,052,956	21.20	5.299437024
Statewide Totals	2014	LDT2	Aggregate	Aggregate	Gasoline	5024240.2	1.72E+08	1.72E+08	0	23359456	0	8985.447	8,985,447	19.19	4.796795331
Statewide Totals	2015	LDA	Aggregate	Aggregate	Gasoline	13950023	5.02E+08	5.02E+08	0	65070535	0	19591.69	19,591,694	25.61	12.80402759
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Gasoline	1517351.5	48349820	48349820	0	6731863	0	2221.926	2,221,926	21.76	5.440079602
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Gasoline	5118410.8	1.78E+08	1.78E+08	0	23711718	0	9168.528	9,168,528	19.46	4.864448461
Statewide Totals	2016	LDA	Aggregate	Aggregate	Gasoline	13947603	5.37E+08	5.37E+08	0	65141591	0	20585.09	20,585,085	26.09	13.04675365
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Gasoline	1517821.5	52647460	52647460	0	6776157	0	2361.341	2,361,341	22.30	5.573894354
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Gasoline	4986778.3	1.84E+08	1.84E+08	0	23042597	0	9300.721	9,300,721	19.81	4.951852751
Statewide Totals	2017	LDA	Aggregate	Aggregate	Gasoline	14039797	5.22E+08	5.22E+08	0	65699640	0	19730.11	19,730,105	26.47	13.23279334
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Gasoline	1521398.9	50202273	50202273	0	6771081	0	2236.859	2,236,859	22.44	5.610799102
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Gasoline	5407712.4	1.95E+08	1.95E+08	0	25120590	0	9590.224	9,590,224	20.35	5.087300564
Statewide Totals	2018	LDA	Aggregate	Aggregate	Gasoline	13941722	5.19E+08	5.19E+08	0	65176046	0	19362.52	19,362,515	26.79	13.39600069
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Gasoline	1489629.2	49263752	49263752	0	6627586	0	2169.801	2,169,801	22.70	5.676069152
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Gasoline	5563436.7	2.03E+08	2.03E+08	0	25889043	0	9748.538	9,748,538	20.79	5.197724538
Statewide Totals	2019	LDA	Aggregate	Aggregate	Gasoline	13805991	5.14E+08	5.14E+08	0	64465682	0	18954.62	18,954,624	27.09	13.54663886
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Gasoline	1540249.4	49062095	49062095	0	6750703	0	2161.819	2,161,819	22.69	5.673704326
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Gasoline	5806444.3	2.15E+08	2.15E+08	0	27151190	0	10090.86	10,090,863	21.31	5.327854536
Statewide Totals	2020	LDA	Aggregate	Aggregate	Gasoline	13489082	4.44E+08	4.44E+08	0	62803005	0	16273.28	16,273,279	27.27	13.63699805
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Gasoline	1481704.8	41864928	41864928	0	6473872	0	1836.136	1,836,136	22.80	5.70014021
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Gasoline	5815850.1	1.92E+08	1.92E+08	0	27160595	0	8882.65	8,882,650	21.59	5.39698953
Statewide Totals	2021	LDA	Aggregate	Aggregate	Gasoline	13261741	5.08E+08	5.08E+08	0	61620786	0	18311.2	18,311,197	27.77	13.88308411
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Gasoline	1431765.1	47246755	47246755	0	6242429	0	2037.585	2,037,585	23.19	5.796904905
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Gasoline	5866044.7	2.26E+08	2.26E+08	0	27380953	0	10233.37	10,233,366	22.13	5.533331279
Statewide Totals	2022	LDA	Aggregate	Aggregate	Gasoline	13143383	5.1E+08	5.1E+08	0	61016807	0	18072.11	18,072,106	28.23	14.11548652
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Gasoline	1390471.9	46559751	46559751	0	6056811	0	1979.607	1,979,607	23.52	5.879922813
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Gasoline	5974705.2	2.34E+08	2.34E+08	0	27900440	0	10346.59	10,346,587	22.66	5.66564166
Statewide Totals	2023	LDA	Aggregate	Aggregate	Gasoline	13036208	5.1E+08	5.1E+08	0	60476336	0	17745.3	17,745,304	28.75	14.37723482
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Gasoline	1352184.6	45737126	45737126	0	5886607	0	1914.263	1,914,263	23.89	5.973203681
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Gasoline	6085858.7	2.41E+08	2.41E+08	0	28427214	0	10396.52	10,396,519	23.22	5.805978328
Statewide Totals	2024	LDA	Aggregate	Aggregate	Gasoline	12932359	5.08E+08	5.08E+08	0	59956651	0	17319.74	17,319,737	29.34	14.66908253
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Gasoline	1316921.6	44795753	44795753	0	5731283	0	1842.694	1,842,694	24.31	6.077482856
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Gasoline	6196167.7	2.47E+08	2.47E+08	0	28942872	0	10373.49	10,373,487	23.82	5.954616283
Statewide Totals	2025	LDA	Aggregate	Aggregate	Gasoline	12837663	5.04E+08	5.04E+08	0	59480990	0	16815.89	16,815,895	29.96	14.98025233
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Gasoline	1284221.6	43707489	43707489	0	5587632	0	1765.785	1,765,785	24.75	6.188109696
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Gasoline	6307223.7	2.51E+08	2.51E+08	0	29454216	0	10286.47	10,286,468	24.43	6.106946935
Statewide Totals	2026	LDA	Aggregate	Aggregate	Gasoline	12771098	5E+08	5E+08	0	59152857	0	16345.16	16,345,163	30.60	15.30138018
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Gasoline	1253937.2	42656831	42656831	0	5456153	0	1692.107	1,692,107	25.21	6.302323132
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Gasoline	6421310.2	2.55E+08	2.55E+08	0	29974810	0	10188.38	10,188,380	25.02	6.255339919

Statewide Totals	2027	LDA	Aggregate	Aggregate	Gasoline	12713197	4.98E+08	4.98E+08	0	58870071	0	15956.11	15,956,112	31.21	15.60401239
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Gasoline	1225903	41758053	41758053	0	5335952	0	1627.758	1,627,758	25.65	6.413432425
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Gasoline	6533169.8	2.59E+08	2.59E+08	0	30476806	0	10123.05	10,123,051	25.56	6.390838895
Statewide Totals	2028	LDA	Aggregate	Aggregate	Gasoline	12663213	4.96E+08	4.96E+08	0	58628536	0	15592.93	15,592,926	31.81	15.90368652
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Gasoline	1200266.3	40926999	40926999	0	5226264	0	1567.488	1,567,488	26.11	6.527481946
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Gasoline	6642218.7	2.62E+08	2.62E+08	0	30959234	0	10055.18	10,055,183	26.08	6.521125353
Statewide Totals	2029	LDA	Aggregate	Aggregate	Gasoline	12617064	4.94E+08	4.94E+08	0	58412991	0	15266.56	15,266,563	32.37	16.18634813
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Gasoline	1175800.9	40158564	40158564	0	5124068	0	1512.014	1,512,014	26.56	6.639912947
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Gasoline	6745633.9	2.65E+08	2.65E+08	0	31410486	0	9991.011	9,991,011	26.57	6.641583077
Statewide Totals	2030	LDA	Aggregate	Aggregate	Gasoline	12575248	4.93E+08	4.93E+08	0	58223663	0	14972.54	14,972,539	32.90	16.45228182
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Gasoline	1152397	39443601	39443601	0	5028510	0	1460.73	1,460,730	27.00	6.750668057
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Gasoline	6843054.7	2.68E+08	2.68E+08	0	31829792	0	9928.128	9,928,128	27.02	6.753805373
Statewide Totals	2031	LDA	Aggregate	Aggregate	Gasoline	12540563	4.91E+08	4.91E+08	0	58071999	0	14712.67	14,712,672	33.40	16.70107169
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Gasoline	1130193.3	38797046	38797046	0	4940596	0	1413.95	1,413,950	27.44	6.859693136
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Gasoline	6932398.1	2.71E+08	2.71E+08	0	32212705	0	9866.535	9,866,535	27.43	6.858571059
Statewide Totals	2032	LDA	Aggregate	Aggregate	Gasoline	12513071	4.91E+08	4.91E+08	0	57960126	0	14488.29	14,488,288	33.86	16.92978493
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Gasoline	1110385	38222875	38222875	0	4862361	0	1372.238	1,372,238	27.85	6.963603073
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Gasoline	7015202.5	2.73E+08	2.73E+08	0	32565470	0	9808.871	9,808,871	27.82	6.955485648
Statewide Totals	2033	LDA	Aggregate	Aggregate	Gasoline	12494333	4.9E+08	4.9E+08	0	57890194	0	14299.33	14,299,329	34.27	17.13521473
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Gasoline	1093114.1	37726555	37726555	0	4794438	0	1335.71	1,335,710	28.24	7.061144542
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Gasoline	7089140.6	2.75E+08	2.75E+08	0	32880364	0	9754.348	9,754,348	28.18	7.044120797
Statewide Totals	2034	LDA	Aggregate	Aggregate	Gasoline	12482174	4.9E+08	4.9E+08	0	57856507	0	14136.61	14,136,608	34.65	17.32481597
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Gasoline	1075761.6	37260628	37260628	0	4728819	0	1301.498	1,301,498	28.63	7.157256933
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Gasoline	7156982.6	2.77E+08	2.77E+08	0	33168275	0	9702.64	9,702,640	28.51	7.12637988
Statewide Totals	2035	LDA	Aggregate	Aggregate	Gasoline	12476484	4.9E+08	4.9E+08	0	57857638	0	14000.66	14,000,655	34.99	17.49479979
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Gasoline	1061126.7	36866507	36866507	0	4673216	0	1271.86	1,271,860	28.99	7.246574236
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Gasoline	7218592.4	2.78E+08	2.78E+08	0	33430020	0	9655.302	9,655,302	28.80	7.201077269
Statewide Totals	2036	LDA	Aggregate	Aggregate	Gasoline	12477791	4.9E+08	4.9E+08	0	57893988	0	13890.53	13,890,530	35.29	17.64343647
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Gasoline	1046982.9	36506486	36506486	0	4621148	0	1245.011	1,245,011	29.32	7.330553727
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Gasoline	7275368.7	2.79E+08	2.79E+08	0	33670259	0	9614.024	9,614,024	29.07	7.267225575
Statewide Totals	2037	LDA	Aggregate	Aggregate	Gasoline	12490536	4.91E+08	4.91E+08	0	57976254	0	13802.13	13,802,135	35.55	17.77415638
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Gasoline	1035140	36202323	36202323	0	4577742	0	1221.663	1,221,663	29.63	7.408411446
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Gasoline	7328229.5	2.81E+08	2.81E+08	0	33892451	0	9576.673	9,576,673	29.31	7.326692895
Statewide Totals	2038	LDA	Aggregate	Aggregate	Gasoline	12511403	4.91E+08	4.91E+08	0	58093670	0	13731.91	13,731,912	35.78	17.88802657
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Gasoline	1023974.3	35927224	35927224	0	4538423	0	1200.754	1,200,754	29.92	7.48013688
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Gasoline	7377592	2.82E+08	2.82E+08	0	34100550	0	9544.384	9,544,384	29.52	7.379083194
Statewide Totals	2039	LDA	Aggregate	Aggregate	Gasoline	12539053	4.92E+08	4.92E+08	0	58240175	0	13680.25	13,680,247	35.97	17.9830397
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Gasoline	1013974.7	35688994	35688994	0	4504498	0	1182.384	1,182,384	30.18	7.545983022
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Gasoline	7426167.8	2.83E+08	2.83E+08	0	34304574	0	9519.977	9,519,977	29.70	7.424100531
Statewide Totals	2040	LDA	Aggregate	Aggregate	Gasoline	12570406	4.93E+08	4.93E+08	0	58404644	0	13642.41	13,642,412	36.13	18.06274812
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Gasoline	1005802.1	35490911	35490911	0	4477502	0	1166.65	1,166,650	30.42	7.60530347
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Gasoline	7472298.3	2.84E+08	2.84E+08	0	34499623	0	9500.96	9,500,960	29.85	7.462911182
Statewide Totals	2041	LDA	Aggregate	Aggregate	Gasoline	12607994	4.94E+08	4.94E+08	0	58591151	0	13612.54	13,612,542	36.27	18.13348408
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Gasoline	998776.34	35320742	35320742	0	4455256	0	1152.606	1,152,606	30.64	7.661063289
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Gasoline	7516536.6	2.84E+08	2.84E+08	0	34685784	0	9484.08	9,484,080	29.99	7.497698078
Statewide Totals	2042	LDA	Aggregate	Aggregate	Gasoline	12646467	4.95E+08	4.95E+08	0	58783069	0	13596.93	13,596,933	36.37	18.18721277
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Gasoline	992033.03	35170081	35170081	0	4435128	0	1140.376	1,140,376	30.84	7.710195576

Statewide Totals	2042	LDT2	Aggregate	Aggregate	Gasoline	7554641.6	2.85E+08	2.85E+08	0	34851810	0	9471.25	9,471,250	30.11	7.526526767
Statewide Totals	2043	LDA	Aggregate	Aggregate	Gasoline	12686001	4.95E+08	4.95E+08	0	58978985	0	13588.55	13,588,554	36.46	18.23053384
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Gasoline	985532.69	35031803	35031803	0	4416861	0	1129.334	1,129,334	31.02	7.754971448
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Gasoline	7590580.6	2.86E+08	2.86E+08	0	35008917	0	9461.623	9,461,623	30.20	7.550924209
Statewide Totals	2044	LDA	Aggregate	Aggregate	Gasoline	12726626	4.96E+08	4.96E+08	0	59177438	0	13586.46	13,586,464	36.53	18.26503558
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Gasoline	981072.19	34932815	34932815	0	4405235	0	1120.61	1,120,610	31.17	7.79325899
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Gasoline	7624260.6	2.86E+08	2.86E+08	0	35157351	0	9454.976	9,454,976	30.29	7.571605843
Statewide Totals	2045	LDA	Aggregate	Aggregate	Gasoline	12765277	4.97E+08	4.97E+08	0	59369327	0	13588.7	13,588,696	36.59	18.29272806
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Gasoline	977494.51	34854646	34854646	0	4396912	0	1113.113	1,113,113	31.31	7.828192212
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Gasoline	7654516.7	2.87E+08	2.87E+08	0	35294410	0	9449.755	9,449,755	30.36	7.58967587
Statewide Totals	2046	LDA	Aggregate	Aggregate	Gasoline	12804510	4.98E+08	4.98E+08	0	59560592	0	13594.08	13,594,083	36.63	18.31458766
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Gasoline	975118.78	34797982	34797982	0	4392619	0	1107.059	1,107,059	31.43	7.858201578
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Gasoline	7684536.4	2.87E+08	2.87E+08	0	35428337	0	9447.325	9,447,325	30.42	7.604775789
Statewide Totals	2047	LDA	Aggregate	Aggregate	Gasoline	12843643	4.99E+08	4.99E+08	0	59748938	0	13601.17	13,601,165	36.66	18.33183354
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Gasoline	973713.35	34759774	34759774	0	4391685	0	1102.237	1,102,237	31.54	7.883915705
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Gasoline	7712817.4	2.88E+08	2.88E+08	0	35555244	0	9445.583	9,445,583	30.47	7.617880791
Statewide Totals	2048	LDA	Aggregate	Aggregate	Gasoline	12881527	4.99E+08	4.99E+08	0	59931087	0	13609.63	13,609,626	36.69	18.34560054
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Gasoline	974120.36	34748220	34748220	0	4395774	0	1099.092	1,099,092	31.62	7.90384357
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Gasoline	7739565.3	2.88E+08	2.88E+08	0	35675837	0	9444.638	9,444,638	30.52	7.629371567
Statewide Totals	2049	LDA	Aggregate	Aggregate	Gasoline	12919645	5E+08	5E+08	0	60110740	0	13618.66	13,618,662	36.71	18.35663069
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Gasoline	975176.52	34745438	34745438	0	4401691	0	1096.714	1,096,714	31.68	7.920352582
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Gasoline	7763910.3	2.89E+08	2.89E+08	0	35788038	0	9443.838	9,443,838	30.56	7.639309746
Statewide Totals	2050	LDA	Aggregate	Aggregate	Gasoline	12955079	5.01E+08	5.01E+08	0	60280110	0	13626.87	13,626,871	36.73	18.36561487
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Gasoline	976830.11	34749369	34749369	0	4409241	0	1094.993	1,094,993	31.73	7.933694467
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Gasoline	7787615.7	2.89E+08	2.89E+08	0	35896549	0	9443.481	9,443,481	30.59	7.647814004

Construction Truck MPG Estimate

Nothing for the user to do here.

Diesel MPG

Summary By Year	Vendor (MD/HD)	Haul (HD)
2000	6.91	5.57
2001	6.93	5.61
2002	6.96	5.62
2003	6.94	5.61
2004	6.95	5.62
2005	6.97	5.65
2006	6.96	5.64
2007	6.96	5.65
2008	6.99	5.77
2009	6.97	5.76
2010	6.97	5.75
2011	7.00	5.76
2012	7.03	5.77
2013	7.16	5.88
2014	7.13	5.83
2015	7.10	5.81
2016	7.10	5.81
2017	7.11	5.80
2018	7.09	5.76
2019	7.10	5.76
2020	7.18	5.77
2021	7.21	5.80
2022	7.24	5.86
2023	7.31	5.94
2024	7.36	6.02
2025	7.43	6.11
2026	7.51	6.21
2027	7.58	6.32
2028	7.66	6.43
2029	7.75	6.55
2030	7.83	6.66
2031	7.91	6.76
2032	7.99	6.86
2033	8.06	6.96
2034	8.14	7.04
2035	8.20	7.12
2036	8.27	7.19
2037	8.33	7.24
2038	8.38	7.30
2039	8.43	7.34
2040	8.48	7.38
2041	8.52	7.41
2042	8.56	7.43
2043	8.59	7.45
2044	8.62	7.47
2045	8.65	7.49
2046	8.68	7.50
2047	8.70	7.51
2048	8.73	7.52
2049	8.75	7.53
2050	8.76	7.54

Splits from caleemod

Vendors/Deliveries	MHDT	50%
	HHDT	50%
Haul Trucks	MHDT	0%
	HHDT	100%

EMFAC OUTPUT
Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

															MPG Weighting for Summary	
Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population (Vehicles)	Total VMT (Daily)	Combustion VMT (daily)	Electric VMT (Daily)	Trips/day	EV Kwh/day	Fuel Consumption (1000 gallons/day)	Diesel Gallons/day	MPG	Vendor	Haul
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Diesel	178113	34780710	34780710	0	2615210	0	6239.85326	6,239,853	5.57	2.79	5.57
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Diesel	168694.8	10002589	10002589	0	2030696	0	1211.81064	1,211,811	8.25	4.13	0.00
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Diesel	180027.9	34720083	34720083	0	2597929	0	6194.08059	6,194,081	5.61	2.80	5.61
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Diesel	183194.1	9985419	9985419	0	2209555	0	1209.46545	1,209,465	8.26	4.13	0.00
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Diesel	174735.4	35500867	35500867	0	2547079	0	6314.6438	6,314,644	5.62	2.81	5.62
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Diesel	176957.7	10213234	10213234	0	2108494	0	1231.67175	1,231,672	8.29	4.15	0.00
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Diesel	197939.1	34527310	34527310	0	2825932	0	6149.85229	6,149,852	5.61	2.81	5.61
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Diesel	206041.2	9934237	9934237	0	2448737	0	1203.31107	1,203,311	8.26	4.13	0.00
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Diesel	206852.9	36874324	36874324	0	2992787	0	6564.93667	6,564,937	5.62	2.81	5.62
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Diesel	219426.4	10610216	10610216	0	2616773	0	1282.32412	1,282,324	8.27	4.14	0.00
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Diesel	217552.4	38447311	38447311	0	3192910	0	6802.97601	6,802,976	5.65	2.83	5.65
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Diesel	235520.8	11066971	11066971	0	2822446	0	1335.62464	1,335,625	8.29	4.14	0.00
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Diesel	236178.9	38564195	38564195	0	3491086	0	6834.29416	6,834,294	5.64	2.82	5.64
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Diesel	255032.2	11105570	11105570	0	3066526	0	1343.10143	1,343,101	8.27	4.13	0.00
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Diesel	239155.3	39869284	39869284	0	3518917	0	7053.89315	7,053,893	5.65	2.83	5.65
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Diesel	262968.8	11484741	11484741	0	3159087	0	1388.89125	1,388,891	8.27	4.13	0.00
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Diesel	237103	36689871	36689871	0	3443893	0	6361.02369	6,361,024	5.77	2.88	5.77
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Diesel	270527.7	10575725	10575725	0	3242547	0	1288.15075	1,288,151	8.21	4.11	0.00
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Diesel	220484	33207200	33207200	0	3181262	0	5768.9707	5,768,971	5.76	2.88	5.76
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Diesel	256088.6	9576914	9576914	0	3056749	0	1170.46619	1,170,466	8.18	4.09	0.00
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Diesel	229437.4	33342764	33342764	0	3382274	0	5800.33832	5,800,338	5.75	2.87	5.75
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Diesel	255248.4	9621197	9621197	0	3046173	0	1174.90095	1,174,901	8.19	4.09	0.00
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Diesel	230366.4	33956560	33956560	0	3424172	0	5891.21437	5,891,214	5.76	2.88	5.76
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Diesel	254233.9	9807401	9807401	0	3031418	0	1190.71478	1,190,715	8.24	4.12	0.00
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Diesel	233463.4	33729156	33729156	0	3516518	0	5845.10146	5,845,101	5.77	2.89	5.77
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Diesel	253766	9752040	9752040	0	3021990	0	1175.03851	1,175,039	8.30	4.15	0.00
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Diesel	241346.7	36264801	36264801	0	3632540	0	6163.20088	6,163,201	5.88	2.94	5.88
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Diesel	255742.9	10529119	10529119	0	3041833	0	1248.96764	1,248,968	8.43	4.22	0.00
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Diesel	250724.3	36387810	36387810	0	3824767	0	6236.25395	6,236,254	5.83	2.92	5.83
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Diesel	258616	10571553	10571553	0	3071193	0	1255.86891	1,255,869	8.42	4.21	0.00
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Diesel	262464	36298335	36298335	0	4036940	0	6245.29195	6,245,292	5.81	2.91	5.81
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Diesel	264588.1	10561670	10561670	0	3142075	0	1258.52645	1,258,526	8.39	4.20	0.00
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Diesel	268393.3	38160748	38160748	0	4167285	0	6570.41395	6,570,414	5.81	2.90	5.81
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Diesel	270110.3	11122010	11122010	0	3205899	0	1325.86266	1,325,863	8.39	4.19	0.00

Statewide Totals	2017	HHDT	Aggregate	Aggregate	Diesel	274958.2	40169432	40169432	0	4302856	0	6920.00471	6,920,005	5.80	2.90	5.80
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Diesel	275936.3	11695011	11695011	0	3294422	0	1390.07694	1,390,077	8.41	4.21	0.00
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Diesel	283895.6	39174308	39174308	0	4484968	0	6796.88974	6,796,890	5.76	2.88	5.76
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Diesel	276404.7	11405354	11405354	0	3292792	0	1355.28142	1,355,281	8.42	4.21	0.00
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Diesel	270487.7	39244412	39244412	0	4305247	0	6814.03613	6,814,036	5.76	2.88	5.76
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Diesel	276258.4	11442537	11442537	0	3265874	0	1356.77321	1,356,773	8.43	4.22	0.00
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Diesel	274445.5	39811871	39811871	0	4414648	0	6905.23005	6,905,230	5.77	2.88	5.77
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Diesel	271763.6	11585754	11585754	0	3221070	0	1347.46398	1,347,464	8.60	4.30	0.00
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Diesel	280809.4	40518102	40518102	0	4535953	0	6983.59098	6,983,591	5.80	2.90	5.80
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Diesel	268011	11734361	11734361	0	3180879	0	1362.89603	1,362,896	8.61	4.30	0.00
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Diesel	289296.3	41279363	41279363	0	4687045	0	7047.17767	7,047,178	5.86	2.93	5.86
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Diesel	269999.8	11888587	11888587	0	3210829	0	1377.29922	1,377,299	8.63	4.32	0.00
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Diesel	296921.7	42074959	42074959	0	4821966	0	7087.04929	7,087,049	5.94	2.97	5.94
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Diesel	273233.3	12042684	12042684	0	3255560	0	1387.50445	1,387,504	8.68	4.34	0.00
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Diesel	307158.3	42799671	42799671	0	4993670	0	7111.76559	7,111,766	6.02	3.01	6.02
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Diesel	277729.4	12176259	12176259	0	3314941	0	1397.76998	1,397,770	8.71	4.36	0.00
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Diesel	315961.6	43487031	43487031	0	5139397	0	7114.08091	7,114,081	6.11	3.06	6.11
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Diesel	283391.9	12272300	12272300	0	3387538	0	1401.45124	1,401,451	8.76	4.38	0.00
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Diesel	323622.8	44147348	44147348	0	5266387	0	7107.92312	7,107,923	6.21	3.11	6.21
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Diesel	288372.5	12351100	12351100	0	3451074	0	1402.92464	1,402,925	8.80	4.40	0.00
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Diesel	330234.7	44752671	44752671	0	5376907	0	7083.14812	7,083,148	6.32	3.16	6.32
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Diesel	292488.2	12389016	12389016	0	3503647	0	1400.2356	1,400,236	8.85	4.42	0.00
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Diesel	335719.6	45293436	45293436	0	5470645	0	7040.53069	7,040,531	6.43	3.22	6.43
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Diesel	295113.6	12360648	12360648	0	3537773	0	1389.37409	1,389,374	8.90	4.45	0.00
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Diesel	340009.8	45771755	45771755	0	5547523	0	6991.47585	6,991,476	6.55	3.27	6.55
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Diesel	295954.7	12259160	12259160	0	3549747	0	1370.4327	1,370,433	8.95	4.47	0.00
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Diesel	343223	46195497	46195497	0	5609765	0	6939.9951	6,939,995	6.66	3.33	6.66
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Diesel	295033.9	12086147	12086147	0	3540144	0	1343.497	1,343,497	9.00	4.50	0.00
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Diesel	347000.5	46971560	46971560	0	5685306	0	6944.36313	6,944,363	6.76	3.38	6.76
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Diesel	293727.2	11930554	11930554	0	3526137	0	1318.0645	1,318,065	9.05	4.53	0.00
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Diesel	350357.3	47743653	47743653	0	5756980	0	6955.30395	6,955,304	6.86	3.43	6.86
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Diesel	291109.3	11750779	11750779	0	3496043	0	1289.9338	1,289,934	9.11	4.55	0.00
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Diesel	353488.5	48559936	48559936	0	5828242	0	6980.32186	6,980,322	6.96	3.48	6.96
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Diesel	287220.6	11547153	11547153	0	3450479	0	1259.22341	1,259,223	9.17	4.59	0.00
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Diesel	356554.7	49434540	49434540	0	5902380	0	7020.75751	7,020,758	7.04	3.52	7.04
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Diesel	282262.5	11319757	11319757	0	3391948	0	1226.44792	1,226,448	9.23	4.61	0.00
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Diesel	359761.9	50374336	50374336	0	5980942	0	7078.46111	7,078,461	7.12	3.56	7.12
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Diesel	276502.1	11078238	11078238	0	3323913	0	1192.67832	1,192,678	9.29	4.64	0.00
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Diesel	362908.2	51251124	51251124	0	6060300	0	7132.27287	7,132,273	7.19	3.59	7.19
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Diesel	270503.8	10855294	10855294	0	3253058	0	1161.12218	1,161,122	9.35	4.67	0.00
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Diesel	366473	52202885	52202885	0	6148266	0	7206.13411	7,206,134	7.24	3.62	7.24
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Diesel	264677.2	10659167	10659167	0	3184474	0	1133.13276	1,133,133	9.41	4.70	0.00
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Diesel	370536.1	53224068	53224068	0	6245673	0	7294.87759	7,294,878	7.30	3.65	7.30
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Diesel	259226.3	10486246	10486246	0	3120599	0	1107.63645	1,107,636	9.47	4.73	0.00
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Diesel	375037.1	54310649	54310649	0	6352022	0	7400.55981	7,400,560	7.34	3.67	7.34
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Diesel	254277.1	10340345	10340345	0	3063047	0	1085.83023	1,085,830	9.52	4.76	0.00
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Diesel	380017.3	55464869	55464869	0	6468132	0	7520.43999	7,520,440	7.38	3.69	7.38
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Diesel	249717.3	10214210	10214210	0	3010472	0	1066.48976	1,066,490	9.58	4.79	0.00
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Diesel	385544	56691482	56691482	0	6594813	0	7654.81218	7,654,812	7.41	3.70	7.41

Statewide Totals	2041	MHDT	Aggregate	Aggregate	Diesel	245696	10105529	10105529	0	2964607	0	1049.40299	1,049,403	9.63	4.81	0.00
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Diesel	391634	57995763	57995763	0	6731647	0	7803.79189	7,803,792	7.43	3.72	7.43
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Diesel	242148.9	10015200	10015200	0	2924709	0	1034.66785	1,034,668	9.68	4.84	0.00
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Diesel	398293.6	59377495	59377495	0	6878845	0	7966.40647	7,966,406	7.45	3.73	7.45
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Diesel	239166.6	9950762	9950762	0	2891825	0	1022.98731	1,022,987	9.73	4.86	0.00
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Diesel	405462.4	60834234	60834234	0	7035643	0	8141.49936	8,141,499	7.47	3.74	7.47
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Diesel	236737.4	9910440	9910440	0	2865857	0	1014.09613	1,014,096	9.77	4.89	0.00
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Diesel	413177.8	62367937	62367937	0	7201774	0	8329.14282	8,329,143	7.49	3.74	7.49
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Diesel	234923.2	9898341	9898341	0	2847509	0	1008.38041	1,008,380	9.82	4.91	0.00
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Diesel	421414	63975214	63975214	0	7376963	0	8528.15877	8,528,159	7.50	3.75	7.50
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Diesel	233657.4	9912056	9912056	0	2835943	0	1005.56801	1,005,568	9.86	4.93	0.00
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Diesel	430170.2	65655403	65655403	0	7560784	0	8738.42586	8,738,426	7.51	3.76	7.51
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Diesel	232960.1	9950946	9950946	0	2831342	0	1005.67245	1,005,672	9.89	4.95	0.00
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Diesel	439454	67407269	67407269	0	7753031	0	8959.37727	8,959,377	7.52	3.76	7.52
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Diesel	232860.4	10014245	10014245	0	2834055	0	1008.58743	1,008,587	9.93	4.96	0.00
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Diesel	449284.9	69230433	69230433	0	7953883	0	9191.04474	9,191,045	7.53	3.77	7.53
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Diesel	233352.1	10100592	10100592	0	2843959	0	1014.15464	1,014,155	9.96	4.98	0.00
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Diesel	459625.8	71123346	71123346	0	8162888	0	9432.74384	9,432,744	7.54	3.77	7.54
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Diesel	234387.9	10207488	10207488	0	2860504	0	1022.06125	1,022,061	9.99	4.99	0.00

Construction Equipment Fuel Estimate

Nothing for the user to do here.

Diesel Gallons per Horsepower Hour

Summary By Year	gallons per hour	gallons per hp-hr
2000	3.105	0.028
2001	3.093	0.028
2002	3.090	0.028
2003	3.089	0.028
2004	3.089	0.028
2005	3.088	0.028
2006	3.088	0.028
2007	3.087	0.028
2008	3.087	0.028
2009	3.085	0.028
2010	3.084	0.028
2011	3.083	0.028
2012	3.081	0.028
2013	3.081	0.028
2014	3.079	0.028
2015	3.077	0.028
2016	3.076	0.028
2017	3.075	0.028
2018	3.073	0.028
2019	3.073	0.028
2020	3.073	0.028
2021	3.073	0.027
2022	3.074	0.027
2023	3.074	0.027
2024	3.074	0.027
2025	3.074	0.027
2026	3.074	0.027
2027	3.074	0.027
2028	3.074	0.027
2029	3.073	0.027
2030	3.073	0.027
2031	3.073	0.027
2032	3.073	0.027
2033	3.073	0.027
2034	3.073	0.027
2035	3.073	0.027
2036	3.073	0.027
2037	3.073	0.027
2038	3.073	0.027
2039	3.073	0.027
2040	3.073	0.027
2041	3.073	0.027
2042	3.073	0.027
2043	3.073	0.027
2044	3.073	0.027
2045	3.073	0.027
2046	3.073	0.027
2047	3.073	0.027
2048	3.073	0.027
2049	3.073	0.027
2050	3.073	0.027

EMFAC OUTPUT
Model Output: OFFROAD2021 (v1.0.3) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Fuel Consumption Estimate

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	Fuel Consumption	Total_Activity_hpy	Total_Population	Horsepower_Hours_hhpy	gallons per hour	gallons per hp-hr
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	2416328.083	420068.7806	1265.818808	92847821.06	5.75222	0.026
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	5720781.469	1659297.653	3812.203828	383405287	3.447713	0.015
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	14150521.09	2996600.801	7022.22201	637625362.7	4.722191	0.022
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	25441422.32	8122056.67	13656.09572	1280275178	3.132387	0.020
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	9566787.449	2400280.443	4415.618425	449785905.5	3.985696	0.021
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	1239.605161	0	87.90518529	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	1329.016617	0	556.0299763	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	28702.15467	19866.95	50.6514421	655609.35	1.444719	0.044
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	138.0258996	0	23.20976405	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	908.4898718	0	36.88	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	2486.401099	0	340.4001953	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	257.5131951	0	14.27	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	439.224977	0	36.45253818	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	852.910093	0	321.9900099	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	6191.209732	0	994.5975056	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	158.8657651	0	8.60426591	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	24190.91758	7018.95	2828.192654	259701.15	3.446515	0.093
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	53215.89087	0	4037.731749	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	4674.877188	0	266.4917206	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	5905.168905	0	457.4707407	0		
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	5373971.912	1902923.737	3106.786356	235278344.7	2.824061	0.023
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	32299814.81	4050019.44	3251.802492	1630961734	7.975225	0.020
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	7205865.457	1935542.715	4703.192795	333123332.9	3.722917	0.022
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	1696943.919	608609.2667	1670.143457	78821433.48	2.788232	0.022
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	987611.7702	406238.2319	946.2917304	53455047.2	2.431115	0.018
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	4400256.342	2758119.652	8698.510218	221401052	1.595383	0.020
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	4777699.3	2282668.494	8771.018285	229416343.7	2.093032	0.021
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	2817343.427	550478.8169	775.4676388	136553430.9	5.117987	0.021
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	38858512.44	10284675.85	11367.79027	2083332316	3.778292	0.019
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	25290279.71	2757446.39	6384.396804	1010978690	9.171631	0.025
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	4632937.131	3651240.919	11373.93502	238867761.5	1.268866	0.019
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	532379.938	129506.4087	522.3038772	34098270.46	4.110839	0.016
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	35494855.05	18925156.52	34303.6897	1847405958	1.875538	0.019
Statewide Totals	2000	Construction and I	Aggregate	Aggregate	Diesel	1462617.295	689103.4963	2060.949652	54172752.47	2.122493	0.027
Statewide Totals	2000	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2251045.577	2167296.558	7729.51162	136258460	1.038642	0.017

Statewide Totals	2000	Industrial - Forklift	Aggregate	Aggregate	Diesel	9472318.407	10131859.5	14497.44543	906745391	0.934904	0.010
Statewide Totals	2000	Industrial - Misc - A	Aggregate	Aggregate	Diesel	4608.85793	0	1180.025846	0		
Statewide Totals	2000	Industrial - Misc - C	Aggregate	Aggregate	Diesel	4505.56932	0	341.3333489	0		
Statewide Totals	2000	Industrial - Misc - S	Aggregate	Aggregate	Diesel	1836.559635	0	217.1158836	0		
Statewide Totals	2000	Industrial - Other (	Aggregate	Aggregate	Diesel	4574265.323	2858355.466	3691.376692	251966901.9	1.600314	0.018
Statewide Totals	2000	Industrial - Other I	Aggregate	Aggregate	Diesel	2681903.033	781272.3396	1110.364141	130845036.8	3.432738	0.020
Statewide Totals	2000	Light Commercial ·	Aggregate	Aggregate	Diesel	868256.9851	759054	1084.913039	28084998	1.143867	0.031
Statewide Totals	2000	Light Commercial ·	Aggregate	Aggregate	Diesel	3990253.736	1527897.3	13330.42519	50420610.9	2.611598	0.079
Statewide Totals	2000	Light Commercial ·	Aggregate	Aggregate	Diesel	20132.28045	15264.3	397.0478764	580043.4	1.318913	0.035
Statewide Totals	2000	Light Commercial ·	Aggregate	Aggregate	Diesel	2209980.165	797525	6941.190797	29508425	2.771048	0.075
Statewide Totals	2000	Light Commercial ·	Aggregate	Aggregate	Diesel	4478787.589	2992956.2	7906.850602	137675985.2	1.496443	0.033
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	2573894.207	447004.7227	1318.170965	98800666.93	5.758092	0.026
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	6088832.261	1765751.283	3969.870226	408126881.3	3.448296	0.015
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	15039628.44	3188658.759	7312.64941	677764278.9	4.7166	0.022
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	27074582.21	8643762.222	14220.88909	1362966952	3.132268	0.020
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	10179864.1	2554040.551	4598.241045	478662323	3.985788	0.021
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	1137.210378	0	87.85562619	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	1271.829155	0	566.7400254	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	29195.09023	20253.85	51.94072982	668377.05	1.441459	0.044
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	131.622718	0	23.74576504	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	774.8122992	0	37.64000193	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	2176.911267	0	347.7999918	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	245.1839615	0	14.49000074	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	405.4828915	0	37.20945659	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	774.7520344	0	328.2500303	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	5502.598172	0	1010.771767	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	129.9104583	0	8.043751694	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	22120.87214	7186.85	2883.702413	265913.45	3.077965	0.083
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	48541.10061	0	4121.578618	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	4407.820885	0	271.5612404	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	4757.340263	0	451.9606261	0		
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	5718772.732	2024914.84	3235.277863	250450079.6	2.824204	0.023
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	34392277.01	4309559.522	3386.291624	1735220732	7.980462	0.020
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	7665456.293	2059566.393	4897.709011	354552177.9	3.721879	0.022
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	1806288.025	647581.9062	1739.217807	83870799.36	2.789281	0.022
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	1050847.568	432264.8791	985.4287794	56903055.43	2.431027	0.018
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	4682134.487	2934869.551	9058.266105	235596358.1	1.595347	0.020
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	5084483.992	2427849.642	9133.772985	244049646.2	2.094233	0.021
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	3000272.593	585764.724	807.5396881	145532565	5.121976	0.021
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	41385847.04	10943571.08	11837.94313	2219332818	3.78175	0.019
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	26903492.92	2934067.837	6648.444817	1075304477	9.169349	0.025
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	4930991.122	3885423.763	11844.34202	254301300.6	1.2691	0.019
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	566596.0652	137819.3941	543.9054951	36330994.7	4.111149	0.016
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	37775464.85	20138758.66	35722.43314	1966441041	1.875759	0.019
Statewide Totals	2001	Construction and I	Aggregate	Aggregate	Diesel	1555861.926	733209.7377	2146.187095	57642455.38	2.121988	0.027
Statewide Totals	2001	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2395525.376	2306401.058	8049.935185	145003368.1	1.038642	0.017
Statewide Totals	2001	Industrial - Forklift	Aggregate	Aggregate	Diesel	10080284.18	10782156.87	15098.43077	965005425.9	0.934904	0.010
Statewide Totals	2001	Industrial - Misc - A	Aggregate	Aggregate	Diesel	4334.522658	0	1190.311947	0		

Statewide Totals	2001	Industrial - Misc - (	Aggregate	Aggregate	Diesel	3941.203699	0	346.0786494	0		
Statewide Totals	2001	Industrial - Misc - !	Aggregate	Aggregate	Diesel	1603.963114	0	217.14805	0		
Statewide Totals	2001	Industrial - Other (	Aggregate	Aggregate	Diesel	4867857.306	3041814.489	3844.401118	268080414.7	1.600314	0.018
Statewide Totals	2001	Industrial - Other I	Aggregate	Aggregate	Diesel	2854036.736	831417.0686	1156.393807	139297625.3	3.432738	0.020
Statewide Totals	2001	Light Commercial ·	Aggregate	Aggregate	Diesel	878196.3671	768284.85	1098.112788	28426539.45	1.143061	0.031
Statewide Totals	2001	Light Commercial ·	Aggregate	Aggregate	Diesel	4035757.36	1546362.65	13492.03348	51029967.45	2.609839	0.079
Statewide Totals	2001	Light Commercial ·	Aggregate	Aggregate	Diesel	20343.24291	15454.1	401.8275694	587255.8	1.316365	0.035
Statewide Totals	2001	Light Commercial ·	Aggregate	Aggregate	Diesel	2235138.705	807292.4	7025.144385	29869818.8	2.768685	0.075
Statewide Totals	2001	Light Commercial ·	Aggregate	Aggregate	Diesel	4530006.285	3029255.45	8002.386139	139345750.7	1.495419	0.033
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	2559346.691	443561.4548	1311.568971	98089573.61	5.769993	0.026
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	6042975.295	1752093.501	3949.987327	405043049.2	3.449003	0.015
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	14929156.89	3164131.537	7276.024367	672531692.4	4.718248	0.022
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	26862080.93	8577162.822	14149.66447	1353058017	3.131814	0.020
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	10103031.29	2534477.473	4575.210982	475498593.6	3.986238	0.021
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	1035.534285	0	87.77215026	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	1214.855103	0	577.7199041	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	29741.48304	20691.85	53.06525053	682831.05	1.437353	0.044
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	125.3146108	0	24.2783164	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	646.9155479	0	38.28999595	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	1902.619699	0	355.5848953	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	233.6678286	0	14.73999844	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	370.3877977	0	37.83000883	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	700.8187891	0	334.5299812	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	4849.460425	0	1026.075659	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	103.9047379	0	7.599762964	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	21983.27178	7332.85	2939.055047	271315.45	2.997916	0.081
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	44001.84048	0	4212.450132	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	4116.497088	0	276.6273422	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	3782.629164	0	451.2778668	0		
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	5672296.421	2009322.079	3219.074134	248384352.4	2.82299	0.023
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	34118975.94	4276341.889	3369.33155	1721087034	7.978543	0.020
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	7604133.353	2043716.078	4873.179078	351840316.7	3.720739	0.022
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	1791487.597	642621.5723	1730.50702	83245940.51	2.78778	0.022
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	1042791.3	428903.0825	980.4933081	56470376.96	2.431298	0.018
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	4647012.35	2912296.415	9012.898227	233862326.2	1.595652	0.020
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	5045814.45	2409286.561	9088.026935	242223793.3	2.094319	0.021
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	2979518.17	581256.9703	803.4951655	144700932.1	5.125991	0.021
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	41107304.12	10859643.53	11778.65338	2204424620	3.785327	0.019
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	26692697.59	2911615.931	6615.14641	1067124643	9.167657	0.025
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	4892807.293	3854224.081	11785.02022	252296454.7	1.269466	0.019
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	560910.0737	136750.3717	541.1813714	35985210.07	4.101708	0.016
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	37471190.67	19983500.12	35543.5191	1951458262	1.875106	0.019
Statewide Totals	2002	Construction and I	Aggregate	Aggregate	Diesel	1543274.133	727575.6732	2135.438023	57163764.87	2.121118	0.027
Statewide Totals	2002	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2377030.003	2288593.796	8009.355675	143884784.9	1.038642	0.017
Statewide Totals	2002	Industrial - Forklift	Aggregate	Aggregate	Diesel	10002456.32	10698909.99	15022.31998	957589962.6	0.934904	0.010
Statewide Totals	2002	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	4082.691541	0	1197.725866	0		
Statewide Totals	2002	Industrial - Misc - (	Aggregate	Aggregate	Diesel	3516.009456	0	347.547258	0		
Statewide Totals	2002	Industrial - Misc - !	Aggregate	Aggregate	Diesel	1392.883468	0	212.1992888	0		

Statewide Totals	2002	Industrial - Other (	Aggregate	Aggregate	Diesel	4830273.551	3018329.247	3825.021593	265996403.5	1.600314	0.018
Statewide Totals	2002	Industrial - Other I	Aggregate	Aggregate	Diesel	2832001.288	824997.8634	1150.564457	138213195.8	3.432738	0.020
Statewide Totals	2002	Light Commercial ·	Aggregate	Aggregate	Diesel	888090.26	777336.85	1111.102658	28761463.45	1.142478	0.031
Statewide Totals	2002	Light Commercial ·	Aggregate	Aggregate	Diesel	4081084.246	1564813.4	13652.34147	51638842.2	2.608033	0.079
Statewide Totals	2002	Light Commercial ·	Aggregate	Aggregate	Diesel	20538.56978	15684.05	406.5871737	595993.9	1.30952	0.034
Statewide Totals	2002	Light Commercial ·	Aggregate	Aggregate	Diesel	2260183.857	816837.15	7108.577738	30222974.55	2.766994	0.075
Statewide Totals	2002	Light Commercial ·	Aggregate	Aggregate	Diesel	4580910.097	3065255.4	8097.541896	141001748.4	1.494463	0.032
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	2633567.532	456380.9906	1336.099533	101024012.5	5.770546	0.026
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	6218165.087	1802772.203	4023.864807	416829836.6	3.449224	0.015
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	15343953.07	3255672.485	7412.109447	692186587.8	4.71299	0.022
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	27653384.85	8825240.052	14414.30875	1393002672	3.133443	0.020
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	10392342.44	2607758.629	4660.782157	489742099.3	3.985163	0.021
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	932.365371	0	87.54844104	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	1158.176854	0	588.6599273	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	30296.46863	21067.8	54.18821036	695237.4	1.438046	0.044
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	118.2139619	0	24.7709678	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	535.2178944	0	39.00999841	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	1834.217458	0	363.9634097	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	222.885996	0	15.00999939	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	337.7241006	0	38.46747984	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	636.7887183	0	340.8299869	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	4445.995057	0	1040.807563	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	87.51196299	0	7.5685375	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	22284.41686	7471.55	2994.38549	276447.35	2.982569	0.081
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	39834.46999	0	4300.166534	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	3818.28887	0	281.7758843	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	3304.917108	0	456.0421334	0		
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	5833286.497	2067450.373	3279.281184	255501491.8	2.821488	0.023
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	35089499.64	4400034.793	3432.348897	1769109464	7.974823	0.020
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	7821715.175	2102858.126	4964.323216	361727958.4	3.719564	0.022
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	1842953.42	661233.2428	1762.873073	85646059.27	2.787146	0.022
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	1072768.687	441334.2384	998.8316896	58081527.51	2.43074	0.018
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	4782409.088	2996559.001	9181.46844	240669698.6	1.595967	0.020
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	5191513.645	2479585.414	9258.002297	249302980	2.093702	0.021
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	3065599.939	598057.2833	818.5231119	148922794.8	5.12593	0.021
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	42307054.74	11173683.25	11998.95212	2266571881	3.786312	0.019
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	27459207.17	2995799.283	6738.870945	1098433979	9.165904	0.025
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	5032260.213	3966980.821	12005.43804	259588391.1	1.268537	0.019
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	576793.0695	140683.8148	551.3032053	37043789.22	4.099925	0.016
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	38540735.21	20560796.93	36208.29734	2007894927	1.874477	0.019
Statewide Totals	2003	Construction and I	Aggregate	Aggregate	Diesel	1587706.61	748590.7584	2175.377589	58841378.54	2.120927	0.027
Statewide Totals	2003	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2445912.918	2354913.957	8159.576244	148054867.4	1.038642	0.017
Statewide Totals	2003	Industrial - Forklift	Aggregate	Aggregate	Diesel	10292313.13	11008949.04	15304.07317	985358449.3	0.934904	0.010
Statewide Totals	2003	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3842.015395	0	1205.776466	0		
Statewide Totals	2003	Industrial - Misc - (	Aggregate	Aggregate	Diesel	3231.485147	0	347.3891073	0		
Statewide Totals	2003	Industrial - Misc - '	Aggregate	Aggregate	Diesel	1272.850186	0	205.9208732	0		
Statewide Totals	2003	Industrial - Other (	Aggregate	Aggregate	Diesel	4970247.941	3105796.093	3896.762311	273691552.5	1.600314	0.018
Statewide Totals	2003	Industrial - Other I	Aggregate	Aggregate	Diesel	2914068.617	848905.1165	1172.144026	142150483.4	3.432738	0.020

Statewide Totals	2003	Light Commercial	Aggregate	Aggregate	Diesel	898821.5836	787148.05	1125.412373	29124477.85	1.141871	0.031
Statewide Totals	2003	Light Commercial	Aggregate	Aggregate	Diesel	4130066.996	1584611	13825.12905	52292163	2.60636	0.079
Statewide Totals	2003	Light Commercial	Aggregate	Aggregate	Diesel	20764.67763	15881.15	411.6768572	603483.7	1.307505	0.034
Statewide Totals	2003	Light Commercial	Aggregate	Aggregate	Diesel	2287374.418	827181.25	7199.04062	30605706.25	2.765264	0.075
Statewide Totals	2003	Light Commercial	Aggregate	Aggregate	Diesel	4635966.479	3104098.7	8199.867206	142788540.2	1.493498	0.032
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	2815370.267	487102.8389	1393.551825	108048539.8	5.779827	0.026
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	6636688.458	1924075.458	4196.891031	444976894.8	3.449287	0.015
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	16383583.01	3474667.371	7730.830224	739570388.3	4.715151	0.022
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	29517125.78	9419131.738	15034.12416	1486576645	3.133742	0.020
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	11099335.16	2783170.482	4861.195834	523704729.8	3.988018	0.021
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	836.4071159	0	87.53414902	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	1103.814396	0	599.5399946	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	30799.95156	21480.25	55.24194602	708848.25	1.433873	0.043
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	110.1937442	0	25.15432563	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	505.8953734	0	39.70000244	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	1802.322098	0	371.1407856	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	212.1528294	0	15.33000094	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	306.4650323	0	39.09470769	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	624.1903297	0	347.2700383	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	4126.076221	0	1056.958723	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	74.09917672	0	7.656891305	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	22713.70622	7599.3	3049.728296	281174.1	2.988921	0.081
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	37805.01545	0	4383.419608	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	3518.682787	0	287.225301	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	3207.515066	0	463.2471646	0		
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	6224391.461	2206519.525	3420.290305	272749587.8	2.820909	0.023
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	37458784.05	4696022.636	3579.939932	1889982877	7.976704	0.020
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	8352258.883	2244313.891	5177.789161	386061507.8	3.72152	0.022
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	1966377.406	705666.8794	1838.676632	91365865.52	2.786552	0.022
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	1144922.078	471028.63	1041.781462	62002848.38	2.430685	0.018
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	5105923.339	3198043.071	9576.27167	256999313.8	1.596577	0.020
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	5542084.568	2646306.871	9656.096483	266177416.9	2.094271	0.021
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	3276956.165	638315.5908	853.7196134	159061800.9	5.133755	0.021
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	45185854.72	11925275.56	12514.90717	2419495804	3.789083	0.019
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	29301522.17	3197241.922	7028.642459	1173100552	9.164625	0.025
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	5371754.507	4233707.317	12521.67198	277134576.9	1.268806	0.019
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	615914.1904	150163.7348	575.0092483	39530429.25	4.101617	0.016
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	41138149.37	21944372.02	37765.25447	2144229322	1.874656	0.019
Statewide Totals	2004	Construction and I	Aggregate	Aggregate	Diesel	1695078.807	798970.0337	2268.918846	62820449.53	2.12158	0.027
Statewide Totals	2004	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2610682.342	2513553.217	8511.204627	158033736.6	1.038642	0.017
Statewide Totals	2004	Industrial - Forklift	Aggregate	Aggregate	Diesel	10985656.91	11750569.14	15963.58615	1051731824	0.934904	0.010
Statewide Totals	2004	Industrial - Misc - /	Aggregate	Aggregate	Diesel	3702.831124	0	1214.419023	0		
Statewide Totals	2004	Industrial - Misc - (	Aggregate	Aggregate	Diesel	3145.677732	0	345.7461073	0		
Statewide Totals	2004	Industrial - Misc - !	Aggregate	Aggregate	Diesel	1156.630649	0	193.4275815	0		
Statewide Totals	2004	Industrial - Other (	Aggregate	Aggregate	Diesel	5305069.708	3315018.681	4064.689197	292028991.6	1.600314	0.018
Statewide Totals	2004	Industrial - Other I	Aggregate	Aggregate	Diesel	3110375.445	906091.783	1222.656344	151651397.4	3.432738	0.021
Statewide Totals	2004	Light Commercial	Aggregate	Aggregate	Diesel	908960.2244	796941	1139.372221	29486817	1.140562	0.031
Statewide Totals	2004	Light Commercial	Aggregate	Aggregate	Diesel	4177384.008	1604364.8	13996.99657	52944038.4	2.603762	0.079

Statewide Totals	2004	Light Commercial	Aggregate	Aggregate	Diesel	20992.67735	16092.85	417.0463584	611528.3	1.304472	0.034
Statewide Totals	2004	Light Commercial	Aggregate	Aggregate	Diesel	2313478.373	837466.95	7288.043646	30986277.15	2.762471	0.075
Statewide Totals	2004	Light Commercial	Aggregate	Aggregate	Diesel	4688326.453	3142737.6	8302.092578	144565929.6	1.491797	0.032
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	2985906.863	518530.8255	1450.701943	114537898.9	5.758398	0.026
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	7061363.997	2048351.024	4369.00721	473390833	3.447341	0.015
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	17446917.6	3699040.625	8047.874661	786983104.6	4.716606	0.022
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	31441182.26	10027024.74	15650.6796	1583792218	3.135644	0.020
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	11879927.68	2962840.856	5060.555418	560741886.9	4.009641	0.021
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	742.1523451	0	87.86634406	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	1048.820705	0	610.3499077	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	31346.5705	21867.15	56.25376103	721615.95	1.433501	0.043
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	102.1927357	0	25.67993074	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	486.9182466	0	40.45999698	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	1762.738305	0	378.4584897	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	199.4752444	0	15.67999883	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	278.1059587	0	39.91886674	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	609.6508416	0	353.4399551	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	3861.264704	0	1074.294471	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	70.80948896	0	7.90976394	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	22802.61079	7730.7	3105.149273	286035.9	2.949618	0.080
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	36016.63435	0	4452.373864	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	3219.650604	0	292.8233688	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	3159.761291	0	471.6937369	0		
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	6630422.799	2348932.347	3560.557778	290372243.5	2.822739	0.023
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	39906084.31	4999262.831	3726.7547	2014758648	7.982394	0.020
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	8898540.717	2389208.621	5390.132364	411017526.4	3.724472	0.022
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	2093986.203	751261.5081	1914.081495	97218044.22	2.787293	0.022
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	1219282.588	501418.9456	1084.505336	65963869.86	2.431664	0.018
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	5438151.584	3404483.036	9968.998399	273768549.1	1.59735	0.020
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	5902011.054	2817294.975	10052.09686	283463101.4	2.094921	0.021
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	3487357.416	679496.1806	888.730996	169641505.4	5.132269	0.021
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	48073774.19	12695164.45	13028.14851	2571365951	3.786778	0.019
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	31207835.05	3403868.947	7316.889896	1249059353	9.168342	0.025
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	5720136.852	4507055.85	13035.19076	295074833.1	1.269152	0.019
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	656017.9724	159845.4025	598.5906074	42070274.38	4.104078	0.016
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	43860037.79	23361365.62	39314.02265	2285933190	1.87746	0.019
Statewide Totals	2005	Construction and I	Aggregate	Aggregate	Diesel	1805466.877	850571.7059	2361.968115	66966596.42	2.122651	0.027
Statewide Totals	2005	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2778839.434	2675454.109	8859.031642	168223210	1.038642	0.017
Statewide Totals	2005	Industrial - Forklift	Aggregate	Aggregate	Diesel	11693255.87	12507436.99	16615.96931	1119405154	0.934904	0.010
Statewide Totals	2005	Industrial - Misc -	Aggregate	Aggregate	Diesel	3568.600913	0	1223.392424	0		
Statewide Totals	2005	Industrial - Misc -	Aggregate	Aggregate	Diesel	2984.980979	0	340.2484723	0		
Statewide Totals	2005	Industrial - Misc -	Aggregate	Aggregate	Diesel	1034.792947	0	179.2221048	0		
Statewide Totals	2005	Industrial - Other	Aggregate	Aggregate	Diesel	5646775.431	3528542.898	4230.800667	310933341.2	1.600314	0.018
Statewide Totals	2005	Industrial - Other I	Aggregate	Aggregate	Diesel	3310718.353	964454.2109	1272.622586	161439441.4	3.432738	0.021
Statewide Totals	2005	Light Commercial	Aggregate	Aggregate	Diesel	918145.6624	806142.65	1152.432012	29827278.05	1.138937	0.031
Statewide Totals	2005	Light Commercial	Aggregate	Aggregate	Diesel	4220947.77	1622786.35	14158.32452	53551949.55	2.60105	0.079
Statewide Totals	2005	Light Commercial	Aggregate	Aggregate	Diesel	21187.50486	16304.55	421.8458114	619572.9	1.299484	0.034
Statewide Totals	2005	Light Commercial	Aggregate	Aggregate	Diesel	2337522.21	847070.1	7371.926752	31341593.7	2.759538	0.075

Statewide Totals	2005	Light Commercial	Aggregate	Aggregate	Diesel	4736114.656	3178868.95	8397.698319	146227971.7	1.489874	0.032
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	3084412.237	534802.2865	1479.639582	118247508.6	5.767388	0.026
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	7282832.176	2112605.511	4456.157265	488327905.9	3.447322	0.015
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	18012914.26	3815035.141	8208.408322	812221324.4	4.721559	0.022
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	32421428.9	10341578.93	15962.86897	1632328517	3.135056	0.020
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	12275371.02	3055808.808	5161.500017	579019727.1	4.017061	0.021
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	669.7090725	0	88.59590474	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	1000.43329	0	621.409965	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	31821.46632	22290.55	57.34287605	735588.15	1.427577	0.043
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	93.95279899	0	26.09536119	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	477.5933968	0	41.16000148	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	1748.280356	0	385.6602853	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	184.9960194	0	15.92000057	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	263.0988202	0	40.5239858	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	602.876534	0	359.8300414	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	3787.778872	0	1091.729271	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	70.99166718	0	8.400286282	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	22962.18345	7876.7	3160.499226	291437.9	2.915204	0.079
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	34640.02195	0	4514.902972	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	2940.167362	0	298.6467914	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	3131.935699	0	480.7247806	0		
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	6842426.635	2422654.991	3631.581421	299688778.3	2.82435	0.023
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	41214540.26	5156088.627	3801.093528	2081169979	7.993373	0.020
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	9186951.834	2464088.152	5497.651146	424541995.4	3.728337	0.022
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	2159751.431	774815.4593	1952.262322	100242427.3	2.78744	0.022
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	1257579.371	517106.0128	1106.138328	68016996.15	2.431957	0.018
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	5608404.407	3511383.349	10167.85336	282400536.7	1.597207	0.020
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	6088731.326	2905865.362	10252.60941	292454517.2	2.095325	0.021
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	3598123.309	700812.5305	906.4588119	175171752.3	5.134217	0.021
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	49551373.67	13093360.83	13288.02537	2649875991	3.784466	0.019
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	32184496.59	3510633.778	7462.842358	1288199769	9.167717	0.025
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	5902019.841	4648833.835	13295.20809	304294033.9	1.26957	0.019
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	677169.9102	164880.9686	610.5308955	43419291	4.107023	0.016
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	45263751.76	24094192.04	40098.23267	2359238547	1.878617	0.019
Statewide Totals	2006	Construction and I	Aggregate	Aggregate	Diesel	1862044.958	877298.0879	2409.083086	69097561.01	2.122477	0.027
Statewide Totals	2006	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2866386.469	2759744.001	9036.920345	173542781.3	1.038642	0.017
Statewide Totals	2006	Industrial - Forklift	Aggregate	Aggregate	Diesel	12061650.63	12901482.44	16949.61675	1154642163	0.934904	0.010
Statewide Totals	2006	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3460.051306	0	1225.666597	0		
Statewide Totals	2006	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2827.927101	0	331.7794451	0		
Statewide Totals	2006	Industrial - Misc - !	Aggregate	Aggregate	Diesel	918.9591569	0	164.3355627	0		
Statewide Totals	2006	Industrial - Other (	Aggregate	Aggregate	Diesel	5824676.479	3639709.26	4315.754832	320745360.7	1.600314	0.018
Statewide Totals	2006	Industrial - Other I	Aggregate	Aggregate	Diesel	3415022.176	994839.2363	1298.176753	166536777	3.432738	0.021
Statewide Totals	2006	Light Commercial	Aggregate	Aggregate	Diesel	923741.4537	812037.4	1160.92192	30045383.8	1.13756	0.031
Statewide Totals	2006	Light Commercial	Aggregate	Aggregate	Diesel	4247554.931	1634685.35	14261.88727	53944616.55	2.598393	0.079
Statewide Totals	2006	Light Commercial	Aggregate	Aggregate	Diesel	21330.16948	16446.9	424.9657328	624982.2	1.296911	0.034
Statewide Totals	2006	Light Commercial	Aggregate	Aggregate	Diesel	2352194.583	853366.35	7426.002716	31574554.95	2.756371	0.074
Statewide Totals	2006	Light Commercial	Aggregate	Aggregate	Diesel	4765138.347	3202207.05	8459.215527	147301524.3	1.488079	0.032
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	2940546.788	511255.1105	1437.626323	112502932.6	5.751623	0.026

Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	6960102.29	2019619.517	4329.628014	466779207.3	3.446244	0.015
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	17220457.52	3647086.531	7975.336709	776467475.4	4.721702	0.022
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	30977111.48	9886601.152	15509.61525	1558677510	3.133242	0.020
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	11736403.21	2921195.518	5014.943086	553693979.3	4.017671	0.021
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	631.8640887	0	90.30219966	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	979.9264066	0	632.2499873	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	32325.52637	22673.8	58.2762946	748235.4	1.425677	0.043
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	86.08937852	0	26.46957413	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	478.7765248	0	41.93000035	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	1742.651516	0	393.2116385	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	172.3070188	0	16.27000014	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	250.8393261	0	41.12291978	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	601.9304666	0	366.0600325	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	3748.204796	0	1110.944635	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	74.38402449	0	9.075897317	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	23310.19729	8026.35	3215.76559	296974.95	2.904209	0.078
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	33587.51828	0	4571.66789	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	2707.716073	0	304.7860953	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	3143.16478	0	491.9398908	0		
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	6543452.905	2316089.882	3528.465383	286487714.2	2.825215	0.023
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	39419571.18	4929056.685	3693.164321	1993903830	7.997386	0.020
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	8782626.684	2355617.972	5341.549455	406316379.5	3.728375	0.022
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	2064679.344	740747.0573	1896.829294	95814741.36	2.787293	0.022
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	1202198.592	494388.0679	1074.730358	65007883.09	2.43169	0.018
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	5360124.909	3356770.523	9879.144772	269936014.8	1.59681	0.020
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	5817599.655	2777899.201	9961.494241	279419606.9	2.094244	0.021
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	3441474.207	669965.4755	880.7205921	167561409.8	5.136793	0.021
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	47361629.47	12517172.48	12910.72183	2532260922	3.783732	0.019
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	30791067.94	3356111.154	7250.940533	1232203856	9.174627	0.025
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	5643516.856	4443915.789	12917.7006	291025116.1	1.269942	0.019
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	647450.0805	157621.6181	593.1953275	41491636.69	4.107622	0.016
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	43303443.34	23033558.36	38959.67336	2257589498	1.880015	0.019
Statewide Totals	2007	Construction and I	Aggregate	Aggregate	Diesel	1781628.374	838623.2815	2340.678975	66079401.27	2.124468	0.027
Statewide Totals	2007	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2740118.324	2638173.599	8780.021471	165903557.8	1.038642	0.017
Statewide Totals	2007	Industrial - Forklift	Aggregate	Aggregate	Diesel	11530318.84	12333154.94	16467.7781	1103681695	0.934904	0.010
Statewide Totals	2007	Industrial - Misc - A	Aggregate	Aggregate	Diesel	3333.282499	0	1220.785625	0		
Statewide Totals	2007	Industrial - Misc - I	Aggregate	Aggregate	Diesel	2706.689658	0	322.4049285	0		
Statewide Totals	2007	Industrial - Misc - S	Aggregate	Aggregate	Diesel	865.9481954	0	158.3581984	0		
Statewide Totals	2007	Industrial - Other (	Aggregate	Aggregate	Diesel	5568091.715	3479375.215	4193.067842	306652860.5	1.600314	0.018
Statewide Totals	2007	Industrial - Other I	Aggregate	Aggregate	Diesel	3264585.896	951015.2416	1261.272572	159158289	3.432738	0.021
Statewide Totals	2007	Light Commercial ·	Aggregate	Aggregate	Diesel	929497.1511	817924.85	1169.311735	30263219.45	1.136409	0.031
Statewide Totals	2007	Light Commercial ·	Aggregate	Aggregate	Diesel	4274806.892	1646613.55	14365.29991	54338247.15	2.59612	0.079
Statewide Totals	2007	Light Commercial ·	Aggregate	Aggregate	Diesel	21448.09244	16556.4	428.2253152	629143.2	1.295456	0.034
Statewide Totals	2007	Light Commercial ·	Aggregate	Aggregate	Diesel	2367178.429	859607.85	7479.898351	31805490.45	2.753789	0.074
Statewide Totals	2007	Light Commercial ·	Aggregate	Aggregate	Diesel	4795037.52	3225556.1	8520.542693	148375580.6	1.486577	0.032
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	2604527.62	451199.3734	1326.172337	99929270.3	5.772454	0.026
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	6143525.615	1782183.314	3993.967563	412041837.5	3.447191	0.015
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	15204460.3	3218454.931	7357.037606	685179218.3	4.724149	0.022

Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	27328480.89	8724638.286	14307.21069	1374324537	3.132334	0.020
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	10316671.92	2577988.177	4626.152628	487915312.5	4.001831	0.021
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	609.7361915	0	92.5372478	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	963.3660059	0	643.1300096	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	32819.35272	23071.65	59.46154416	761364.45	1.422497	0.043
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	79.06986572	0	26.89088308	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	482.501826	0	42.64999862	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	1760.248175	0	400.8108034	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	161.3194129	0	16.68999946	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	241.7011137	0	41.78843854	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	604.157989	0	372.3999764	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	3756.811347	0	1131.665888	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	78.66372409	0	9.787618757	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	23695.03481	8165.05	3271.094603	302106.85	2.902007	0.078
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	32688.47577	0	4627.643324	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	2624.602753	0	310.2379943	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	3188.783653	0	503.9784897	0		
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	5776831.476	2043928.013	3254.916183	252882931.4	2.826338	0.023
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	34805232.62	4349655.7	3406.846606	1760771693	8.001836	0.020
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	7752898.34	2078779.955	4927.438383	358518813.7	3.729543	0.022
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	1821876.314	653653.9869	1749.774957	84544420.83	2.787218	0.022
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	1061110.787	436283.7771	991.410388	57370989.91	2.432157	0.018
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	4730327.899	2962261.755	9113.250293	238229899.1	1.596864	0.020
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	5132804.958	2451118.987	9189.215505	246467107.1	2.094066	0.021
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	3033967.665	591208.633	812.4414997	147921569.9	5.131805	0.021
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	41804366.43	11046092.85	11909.80012	2232868191	3.784539	0.019
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	27174262.46	2961423.055	6688.801254	1087474399	9.176083	0.025
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	4981879.591	3921869.761	11916.23784	257124073.2	1.270282	0.019
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	571083.5143	139083.9512	547.2070323	36600975.67	4.106035	0.016
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	38257364.37	20326773.76	35939.27034	1996525308	1.882117	0.019
Statewide Totals	2008	Construction and I	Aggregate	Aggregate	Diesel	1571179.571	740073.0712	2159.214572	58305279.94	2.123006	0.027
Statewide Totals	2008	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2417951.152	2327992.494	8098.85772	146396932.4	1.038642	0.017
Statewide Totals	2008	Industrial - Forklift	Aggregate	Aggregate	Diesel	10174651.03	10883094.33	15190.18971	973918652.1	0.934904	0.010
Statewide Totals	2008	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3205.143998	0	1213.866538	0		
Statewide Totals	2008	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2611.221748	0	313.7186661	0		
Statewide Totals	2008	Industrial - Misc - !	Aggregate	Aggregate	Diesel	842.7311395	0	156.0337701	0		
Statewide Totals	2008	Industrial - Other (	Aggregate	Aggregate	Diesel	4913427.883	3070290.518	3867.765014	270587957.2	1.600314	0.018
Statewide Totals	2008	Industrial - Other I	Aggregate	Aggregate	Diesel	2880754.878	839200.402	1163.421655	140428679.7	3.432738	0.021
Statewide Totals	2008	Light Commercial ·	Aggregate	Aggregate	Diesel	935291.8939	823867.05	1177.741648	30483080.85	1.135246	0.031
Statewide Totals	2008	Light Commercial ·	Aggregate	Aggregate	Diesel	4301980.779	1658549.05	14468.72196	54732118.65	2.593822	0.079
Statewide Totals	2008	Light Commercial ·	Aggregate	Aggregate	Diesel	21601.29017	16680.5	430.9751622	633859	1.295003	0.034
Statewide Totals	2008	Light Commercial ·	Aggregate	Aggregate	Diesel	2382270.723	865739.85	7533.704035	32032374.45	2.751717	0.074
Statewide Totals	2008	Light Commercial ·	Aggregate	Aggregate	Diesel	4824994.352	3248784.7	8582.260055	149444096.2	1.485169	0.032
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	2049028.031	356500.5946	1135.092336	78835592.41	5.747615	0.026
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	4836917.875	1404251.033	3414.827801	324642830.4	3.444482	0.015
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	11971813.02	2536320.991	6290.06449	539734787	4.720149	0.022
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	21513679.69	6867990.685	12225.53691	1081653360	3.132456	0.020
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	8134212.545	2029294.697	3952.3	384614066.3	4.008394	0.021

Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	601.9193686	0	95.23884328	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	949.5279099	0	653.9199768	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	33356.73715	23447.6	60.50108915	773770.8	1.422608	0.043
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	77.43064399	0	27.47884362	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	488.2070976	0	43.27999923	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	1784.178501	0	408.4403821	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	149.8470194	0	16.9399997	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	234.3610156	0	42.48554597	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	611.7556715	0	378.6900101	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	3788.616651	0	1153.087689	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	84.03004872	0	10.5379992	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	24094.49829	8343.9	3326.466347	308724.3	2.887678	0.078
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	31908.95106	0	4686.560221	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	2568.832538	0	315.5958643	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	3268.831104	0	516.7690952	0		
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	4558574.7	1610412.93	2783.105804	199716177.6	2.830687	0.023
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	27401308.13	3427756.962	2912.884615	1387923096	7.993947	0.020
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	6105713.489	1637474.395	4211.97367	282699286.8	3.728738	0.022
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	1434870.558	514518.1256	1494.9	66567220.82	2.788766	0.022
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	835332.4741	343447.1156	847	45152484.3	2.432201	0.019
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	3723739.268	2333889.142	7792.837481	187732420.2	1.595508	0.020
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	4040716.558	1929626.26	7850.7	194024034.4	2.094041	0.021
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	2388517.707	465416.3683	694.1	116497598.2	5.132002	0.021
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	32891758.16	8692791.652	10175	1756118833	3.783797	0.019
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	21392304.46	2332310.671	5716.80006	856483575.6	9.17215	0.025
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	3921805.469	3084588.199	10180.5	202285906.1	1.271419	0.019
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	449645.3824	109495.1786	467.5	28781436.16	4.106531	0.016
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	30134829.43	16002653.49	30706.63573	1573817666	1.883115	0.019
Statewide Totals	2009	Construction and I	Aggregate	Aggregate	Diesel	1236890.07	582586.7344	1844.7	45900437.09	2.1231	0.027
Statewide Totals	2009	Industrial - Aerial I	Aggregate	Aggregate	Diesel	1902109.569	1831507	6919.165436	115162930.8	1.038549	0.017
Statewide Totals	2009	Industrial - Forklift	Aggregate	Aggregate	Diesel	8008739.005	8568294.574	12979.91371	766736674.7	0.934695	0.010
Statewide Totals	2009	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3090.851511	0	1209.068332	0		
Statewide Totals	2009	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2531.446436	0	305.3798921	0		
Statewide Totals	2009	Industrial - Misc - !	Aggregate	Aggregate	Diesel	829.7941023	0	154.2212754	0		
Statewide Totals	2009	Industrial - Other (	Aggregate	Aggregate	Diesel	3867991.152	2417020.63	3304.380312	213014786.7	1.600314	0.018
Statewide Totals	2009	Industrial - Other I	Aggregate	Aggregate	Diesel	2267812.746	660642.5914	993.9558366	110549478.6	3.432738	0.021
Statewide Totals	2009	Light Commercial ·	Aggregate	Aggregate	Diesel	940902.5348	829776.4	1186.191513	30701726.8	1.133923	0.031
Statewide Totals	2009	Light Commercial ·	Aggregate	Aggregate	Diesel	4329165.866	1670466.3	14572.44464	55125387.9	2.591591	0.079
Statewide Totals	2009	Light Commercial ·	Aggregate	Aggregate	Diesel	21770.83878	16800.95	434.014995	638436.1	1.29581	0.034
Statewide Totals	2009	Light Commercial ·	Aggregate	Aggregate	Diesel	2397290.73	871871.85	7588.059677	32259258.45	2.749591	0.074
Statewide Totals	2009	Light Commercial ·	Aggregate	Aggregate	Diesel	4854787.358	3272126.45	8644.057086	150517816.7	1.48368	0.032
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	1842363.596	320759.2047	1057.658728	70959657.8	5.743759	0.026
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	4353408.572	1263908.706	3181.875441	292224537.5	3.444401	0.015
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	10775586.33	2282958.616	5860.969539	485837028	4.720009	0.022
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	19364674.15	6183115.009	11391.53653	973943542.5	3.131864	0.020
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	7321343.483	1826492.039	3682.682419	346197021	4.008418	0.021
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	609.5977392	0	98.20852982	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	938.2447104	0	664.9699878	0		

Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	33849.86795	23867.35	61.40193423	787622.55	1.41825	0.043
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	76.18236294	0	27.94013526	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	496.1766046	0	44.06000292	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	1811.853435	0	415.7811162	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	146.6815096	0	17.22000114	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	229.7171362	0	43.18245705	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	620.3675052	0	385.0000447	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	3839.28186	0	1174.701635	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	89.49871299	0	11.24536393	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	24435.26875	8497.2	3381.746307	314396.4	2.875685	0.078
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	31172.08354	0	4747.53629	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	2526.434375	0	321.0088496	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	3353.138269	0	528.6368783	0		
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	4102293.945	1449422.48	2593.248188	179716735.2	2.830296	0.023
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	24658843.92	3084981.265	2714.173762	1249033334	7.993191	0.020
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	5493577.639	1473919.308	3924.641698	254310968.8	3.72719	0.022
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	1291368.249	463109.4154	1392.921071	59912984.47	2.788473	0.022
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	751715.4495	309118.7976	789.2194441	40623033.19	2.431801	0.019
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	3351006.791	2100705.019	7261.226522	168953831.3	1.595182	0.020
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	3636059.146	1736253.097	7315.141782	174497467.1	2.094199	0.021
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	2148158.44	418894.818	646.74996	104842903.3	5.128157	0.020
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	29598027.31	7823431.883	9480.882932	1580222847	3.783254	0.019
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	19251669.56	2099067.183	5326.812002	770815626.9	9.171536	0.025
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	3528745.153	2778036.887	9486.007733	182061424.7	1.27023	0.019
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	404516.55	98537.90495	435.6081347	25892832.74	4.105187	0.016
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	27116519.53	14399691.08	28611.89372	1415587873	1.883132	0.019
Statewide Totals	2010	Construction and I	Aggregate	Aggregate	Diesel	1112981.96	524356.1623	1718.858452	41301637.41	2.122569	0.027
Statewide Totals	2010	Industrial - Aerial I	Aggregate	Aggregate	Diesel	1711917.896	1647751.687	6447.154544	103610680	1.038942	0.017
Statewide Totals	2010	Industrial - Forklift	Aggregate	Aggregate	Diesel	7207865.104	7711465.116	12094.45134	690022839.3	0.934695	0.010
Statewide Totals	2010	Industrial - Misc -	Aggregate	Aggregate	Diesel	2999.067039	0	1211.994388	0		
Statewide Totals	2010	Industrial - Misc -	Aggregate	Aggregate	Diesel	2465.722258	0	298.417387	0		
Statewide Totals	2010	Industrial - Misc -	Aggregate	Aggregate	Diesel	806.3751166	0	149.8738626	0		
Statewide Totals	2010	Industrial - Other (	Aggregate	Aggregate	Diesel	3481192.037	2175318.567	3078.962447	191716394	1.600314	0.018
Statewide Totals	2010	Industrial - Other I	Aggregate	Aggregate	Diesel	2041031.471	594578.3323	926.150263	99495939.4	3.432738	0.021
Statewide Totals	2010	Light Commercial	Aggregate	Aggregate	Diesel	946323.9911	835667.5	1194.501471	30919697.5	1.132417	0.031
Statewide Totals	2010	Light Commercial	Aggregate	Aggregate	Diesel	4355865.364	1682259.45	14675.93677	55514561.85	2.589295	0.078
Statewide Totals	2010	Light Commercial	Aggregate	Aggregate	Diesel	21918.6219	16910.45	436.9148087	642597.1	1.296158	0.034
Statewide Totals	2010	Light Commercial	Aggregate	Aggregate	Diesel	2411920.317	878091.45	7641.705623	32489383.65	2.746776	0.074
Statewide Totals	2010	Light Commercial	Aggregate	Aggregate	Diesel	4883292.282	3295431.7	8705.114257	151589858.2	1.481837	0.032
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	1935454.289	337618.8105	1094.730025	74606951.73	5.732661	0.026
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	4582361.061	1330266.362	3293.401256	307570362.6	3.444694	0.015
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	11342841.04	2402871.046	6066.398511	511316263	4.720537	0.022
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	20382861.98	6507959.742	11790.81375	1025333972	3.13199	0.020
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	7706073.859	1922499.441	3811.761688	364326522	4.008362	0.021
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	622.5619646	0	101.3023856	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	930.2877705	0	675.9399761	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	34336.41589	24257.9	62.20866241	800510.7	1.415474	0.043
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	75.16793355	0	28.38416487	0		

Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	504.1854696	0	44.81000057	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	1843.419925	0	423.2706782	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	145.0560016	0	17.59000023	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	226.9558526	0	43.89467145	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	629.6165092	0	391.2399894	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	3906.381122	0	1196.555084	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	92.66474124	0	11.65694458	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	24823.72026	8643.2	3437.166463	319798.4	2.872052	0.078
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	30493.0203	0	4810.121623	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	2499.388983	0	326.4203852	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	3420.38571	0	538.3533258	0		
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	4316748.382	1525584.112	2684.142418	189148187.6	2.829571	0.023
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	25944400.58	3247068.612	2809.306474	1314438620	7.990099	0.020
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	5782490.63	1551335.983	4062.201722	267775290.2	3.727426	0.022
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	1359142.109	487480.0133	1441.743427	63043378.89	2.788098	0.022
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	791249.4182	325385.3923	816.8818535	42768638.5	2.43173	0.019
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	3525628.552	2211033.179	7515.734977	177745401.8	1.594562	0.020
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	3826005.439	1828230.382	7571.539985	183672915	2.092737	0.021
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	2261853.224	440910.5795	669.4187656	110326617.4	5.129959	0.021
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	31140714.48	8234491.928	9813.191097	1663139675	3.781741	0.019
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	20263937.01	2209225.516	5513.518571	811318327.2	9.172417	0.025
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	3712337.604	2923875.423	9818.495525	191545796.1	1.269663	0.019
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	425418.6002	103728.2386	450.8763477	27240318.75	4.10128	0.016
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	28509222.3	15156396.69	29614.7503	1487931745	1.881003	0.019
Statewide Totals	2011	Construction and I	Aggregate	Aggregate	Diesel	1171791.47	551918.9444	1779.105024	43471340.39	2.123122	0.027
Statewide Totals	2011	Industrial - Aerial I	Aggregate	Aggregate	Diesel	1801877.823	1734339.731	6673.129499	109050273.3	1.038942	0.017
Statewide Totals	2011	Industrial - Forklift	Aggregate	Aggregate	Diesel	7586632.695	8116696.488	12518.36596	726251053.2	0.934695	0.010
Statewide Totals	2011	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2941.387873	0	1226.879339	0		
Statewide Totals	2011	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2416.513865	0	293.286565	0		
Statewide Totals	2011	Industrial - Misc - !	Aggregate	Aggregate	Diesel	775.3881564	0	144.0751572	0		
Statewide Totals	2011	Industrial - Other (	Aggregate	Aggregate	Diesel	3664125.916	2289629.831	3186.881126	201767674.6	1.600314	0.018
Statewide Totals	2011	Industrial - Other I	Aggregate	Aggregate	Diesel	2148286.055	625822.9518	958.6121441	104730287	3.432738	0.021
Statewide Totals	2011	Light Commercial ·	Aggregate	Aggregate	Diesel	951051.803	841408.95	1202.571259	31132131.15	1.130309	0.031
Statewide Totals	2011	Light Commercial ·	Aggregate	Aggregate	Diesel	4380942.883	1693735.05	14775.24935	55893256.65	2.586557	0.078
Statewide Totals	2011	Light Commercial ·	Aggregate	Aggregate	Diesel	22091.27294	17049.15	439.9446507	647867.7	1.29574	0.034
Statewide Totals	2011	Light Commercial ·	Aggregate	Aggregate	Diesel	2425505.059	884092.05	7693.381471	32711405.85	2.743498	0.074
Statewide Totals	2011	Light Commercial ·	Aggregate	Aggregate	Diesel	4909077.646	3317791.6	8764.111695	152618413.6	1.479622	0.032
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	2031876.497	354460.0829	1130.992419	78361007.13	5.732314	0.026
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	4810552.454	1396693.846	3402.493553	322847835.4	3.444243	0.015
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	11908662.19	2522777.962	6267.344979	536709918	4.720456	0.022
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	21401545.97	6832931.988	12181.37866	1076487406	3.132118	0.020
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	8090893.479	2018403.237	3938.02442	382500929.4	4.008561	0.021
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	638.8617751	0	104.1383145	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	928.8878283	0	686.9000044	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	34852.00129	24688.6	63.0963216	814723.8	1.411664	0.043
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	74.5302061	0	28.86868351	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	511.7438292	0	45.4900017	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	1874.720356	0	430.5414164	0		

Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	143.8400898	0	17.86000067	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	230.4559611	0	44.66655822	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	639.8098089	0	397.7100332	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	3976.29825	0	1217.819625	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	93.96268409	0	11.82772467	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	25194.10904	8822.05	3492.681887	326415.85	2.855811	0.077
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	29861.71846	0	4868.259266	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	2488.375401	0	331.8262032	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	3475.768417	0	546.4068046	0		
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	4532673.688	1601808.375	2773.053316	198608658.7	2.829723	0.023
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	27237722.24	3409140.868	2902.36337	1380314570	7.989615	0.020
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	6070922.392	1628798.752	4196.760157	281129490.3	3.727239	0.022
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	1427016.257	511776.9435	1489.500469	66185033.88	2.788356	0.022
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	830689.9266	341628.2059	843.9406633	44902403.12	2.431561	0.018
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	3701218.187	2321404.122	7764.690003	186598138.7	1.594388	0.020
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	4016358.039	1919180.187	7822.343524	192770097.4	2.092747	0.021
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	2374482.306	462911.1194	691.5929331	115783294.3	5.129456	0.021
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	32690892.76	8645708.429	10138.24823	1746150352	3.78117	0.019
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	21276996.77	2319659.799	5696.151163	852011139.1	9.172464	0.025
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	3896018.901	3070054.935	10143.72836	201073338.1	1.269039	0.019
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	446309.831	108905.8673	465.811405	28578471.56	4.098125	0.016
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	29926865.14	15913078.07	30595.72435	1561759642	1.880646	0.019
Statewide Totals	2012	Construction and I	Aggregate	Aggregate	Diesel	1230378.781	579475.1002	1838.037003	45643630.57	2.123264	0.027
Statewide Totals	2012	Industrial - Aerial I	Aggregate	Aggregate	Diesel	1891837.75	1820927.774	6894.173633	114491369.4	1.038942	0.017
Statewide Totals	2012	Industrial - Forklift	Aggregate	Aggregate	Diesel	7965400.286	8521927.86	12933.03068	762518330	0.934695	0.010
Statewide Totals	2012	Industrial - Misc - /	Aggregate	Aggregate	Diesel	2888.217183	0	1240.168097	0		
Statewide Totals	2012	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2371.472735	0	288.6230278	0		
Statewide Totals	2012	Industrial - Misc - !	Aggregate	Aggregate	Diesel	738.4164423	0	137.2824835	0		
Statewide Totals	2012	Industrial - Other (	Aggregate	Aggregate	Diesel	3847059.794	2403941.095	3292.444996	211846580.2	1.600314	0.018
Statewide Totals	2012	Industrial - Other I	Aggregate	Aggregate	Diesel	2255540.639	657067.5712	990.3657001	109926359.9	3.432738	0.021
Statewide Totals	2012	Light Commercial ·	Aggregate	Aggregate	Diesel	952734.0322	844573.5	1207.021171	31249219.5	1.128065	0.030
Statewide Totals	2012	Light Commercial ·	Aggregate	Aggregate	Diesel	4392478.098	1700060.5	14830.99557	56101996.5	2.583719	0.078
Statewide Totals	2012	Light Commercial ·	Aggregate	Aggregate	Diesel	22167.17175	17118.5	441.9443201	650503	1.294925	0.034
Statewide Totals	2012	Light Commercial ·	Aggregate	Aggregate	Diesel	2431625.302	887468.3	7722.519096	32836327.1	2.739957	0.074
Statewide Totals	2012	Light Commercial ·	Aggregate	Aggregate	Diesel	4919263.877	3330260	8797.450324	153191960	1.477141	0.032
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	2127440.256	371297.79	1166.496658	82146332.81	5.729741	0.026
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	5039357.465	1463115.729	3509.305005	338204921	3.444264	0.015
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	12474009.94	2642813.008	6464.090163	562074596.5	4.719974	0.022
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	22424057.76	7157800.195	12563.77784	1128499317	3.132814	0.020
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	8473116.232	2114381.556	4061.647316	400498383.1	4.007373	0.021
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	651.4801192	0	106.3006178	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	930.1417682	0	697.689984	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	35360.14575	25028.05	63.9634897	825925.65	1.412821	0.043
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	74.20571728	0	29.28052066	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	520.293475	0	46.24999833	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	1907.216406	0	438.062079	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	142.8025185	0	18.11999934	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	233.7240904	0	45.38096725	0		

Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	649.783877	0	403.9099802	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	4041.016379	0	1237.42359	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	93.85947594	0	11.81857319	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	25575.40313	8953.45	3548.141732	331277.65	2.856486	0.077
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	29698.39398	0	4925.932254	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	2498.185443	0	337.2969624	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	3518.862827	0	553.0828881	0		
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	4748984.782	1677950.513	2860.105311	208145939.6	2.830229	0.023
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	28535424.68	3571370.013	2993.47468	1446254304	7.99005	0.020
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	6356813.367	1706304.051	4328.505314	294421080.2	3.725487	0.022
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	1495391.621	536149.589	1536.259032	69393567.83	2.789131	0.022
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	869514.421	357818.6147	870.4337415	47031018.37	2.430042	0.018
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	3877168.165	2431724.631	8008.440006	195487853.3	1.594411	0.020
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	4206579.069	2010708.24	8067.903393	201898897.8	2.092088	0.021
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	2487120.642	484931.426	713.3034946	121348158.8	5.128809	0.020
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	34241352.76	9056777.292	10456.50923	1829353387	3.780744	0.019
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	22289084.68	2429948.974	5874.965367	892518853.4	9.172655	0.025
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	4079270.105	3216091.704	10462.1614	210561390.1	1.268394	0.019
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	467426.2401	114083.3941	480.434208	29932936.42	4.097233	0.016
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	31333045.29	16669619.64	31556.18869	1635640777	1.87965	0.019
Statewide Totals	2013	Construction and I	Aggregate	Aggregate	Diesel	1288469.423	607019.6629	1895.736863	47827816.64	2.122616	0.027
Statewide Totals	2013	Industrial - Aerial I	Aggregate	Aggregate	Diesel	1981797.677	1907515.818	7110.596291	119934146.1	1.038942	0.017
Statewide Totals	2013	Industrial - Forklift	Aggregate	Aggregate	Diesel	8344167.876	8927159.231	13339.0258	798756206	0.934695	0.010
Statewide Totals	2013	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2871.356859	0	1253.77034	0		
Statewide Totals	2013	Industrial - Misc - !	Aggregate	Aggregate	Diesel	2338.906641	0	285.2352863	0		
Statewide Totals	2013	Industrial - Misc - !	Aggregate	Aggregate	Diesel	707.5454597	0	131.6924806	0		
Statewide Totals	2013	Industrial - Other (	Aggregate	Aggregate	Diesel	4029993.673	2518252.36	3395.801792	221950283.2	1.600314	0.018
Statewide Totals	2013	Industrial - Other I	Aggregate	Aggregate	Diesel	2362795.223	688312.1907	1021.455369	115165334.6	3.432738	0.021
Statewide Totals	2013	Light Commercial ·	Aggregate	Aggregate	Diesel	954283.4711	847676	1211.681002	31364012	1.125764	0.030
Statewide Totals	2013	Light Commercial ·	Aggregate	Aggregate	Diesel	4403728.993	1706469.9	14885.9014	56313506.7	2.580607	0.078
Statewide Totals	2013	Light Commercial ·	Aggregate	Aggregate	Diesel	22237.30891	17191.5	443.3942326	653277	1.293506	0.034
Statewide Totals	2013	Light Commercial ·	Aggregate	Aggregate	Diesel	2437450.78	890764.25	7750.886674	32958277.25	2.736359	0.074
Statewide Totals	2013	Light Commercial ·	Aggregate	Aggregate	Diesel	4928772.88	3342633.5	8829.858669	153761141	1.474518	0.032
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	2223263.836	388144.169	1201.288395	85848786.69	5.727933	0.026
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	5267986.841	1529535.371	3613.972958	353613155.7	3.444175	0.015
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	13036281.18	2762781.005	6656.887051	587555624	4.718536	0.022
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	23445008.76	7482782.337	12938.50301	1180298027	3.133194	0.020
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	8854545.915	2210457.071	4182.789339	418560686.5	4.005753	0.021
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	660.0087359	0	107.7007661	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	938.4163207	0	708.6299625	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	35839.42333	25480.65	64.93930961	840861.45	1.406535	0.043
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	74.58625082	0	29.7736769	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	528.730661	0	46.99999658	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	1939.678207	0	445.5592351	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	142.0547847	0	18.36999866	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	237.2023659	0	46.12701227	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	659.9510185	0	410.2299485	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	4101.344412	0	1255.586725	0		

Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	92.8792229	0	11.69564878	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	25927.4803	9110.4	3603.655666	337084.8	2.845921	0.077
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	29700.52153	0	4987.751657	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	2521.768609	0	342.7836826	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	3550.768144	0	557.4701047	0		
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	4963686.353	1754142.991	2945.41034	217640206.9	2.829693	0.023
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	29775675.07	3733437.022	3082.757563	1509870610	7.975406	0.020
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	6638406.143	1783747.326	4457.6066	307569757.3	3.721607	0.022
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	1563249.866	560475.8997	1582.079241	72572099.96	2.789147	0.022
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	908977.7103	374075.988	896.3951548	49172887.02	2.429928	0.018
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	4052285.696	2542170.732	8247.298419	204341307.1	1.594026	0.020
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	4397268.55	2101628.154	8308.535351	211007301.8	2.092315	0.021
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	2598037.351	506943.9635	734.5783671	126785722.3	5.1249	0.020
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	35761777.21	9467827.819	10768.38335	1911868373	3.777189	0.019
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	23295728.49	2540228.075	6050.191116	933073821	9.170723	0.025
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	4264770.007	3362019.272	10774.2041	220143407	1.268514	0.019
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	488809.0308	119254.9528	494.7635595	31299738.91	4.098857	0.016
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	32708313.64	17426398.1	32497.37838	1708530359	1.876941	0.019
Statewide Totals	2014	Construction and I	Aggregate	Aggregate	Diesel	1345685.976	634570.0821	1952.278798	49976773.23	2.120626	0.027
Statewide Totals	2014	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2071757.603	1994103.861	7322.675764	125378737.6	1.038942	0.017
Statewide Totals	2014	Industrial - Forklift	Aggregate	Aggregate	Diesel	8722935.467	9332390.603	13736.87339	834979179.4	0.934695	0.010
Statewide Totals	2014	Industrial - Misc - A	Aggregate	Aggregate	Diesel	2863.829375	0	1266.088416	0		
Statewide Totals	2014	Industrial - Misc - I	Aggregate	Aggregate	Diesel	2313.756325	0	282.5373079	0		
Statewide Totals	2014	Industrial - Misc - S	Aggregate	Aggregate	Diesel	678.8394122	0	126.4331287	0		
Statewide Totals	2014	Industrial - Other (	Aggregate	Aggregate	Diesel	4212927.552	2632563.624	3497.084417	232036325.8	1.600314	0.018
Statewide Totals	2014	Industrial - Other I	Aggregate	Aggregate	Diesel	2470049.807	719556.8102	1051.921129	120385894.9	3.432738	0.021
Statewide Totals	2014	Light Commercial ·	Aggregate	Aggregate	Diesel	955824.8408	850760.25	1216.510904	31478129.25	1.123495	0.030
Statewide Totals	2014	Light Commercial ·	Aggregate	Aggregate	Diesel	4415154.938	1712802.65	14941.0276	56522487.45	2.577737	0.078
Statewide Totals	2014	Light Commercial ·	Aggregate	Aggregate	Diesel	22300.89715	17271.8	445.2541479	656328.4	1.291174	0.034
Statewide Totals	2014	Light Commercial ·	Aggregate	Aggregate	Diesel	2443295.288	894063.85	7779.754473	33080362.45	2.732797	0.074
Statewide Totals	2014	Light Commercial ·	Aggregate	Aggregate	Diesel	4938138.472	3355101.9	8862.487328	154334687.4	1.47183	0.032
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	2318400.073	404993.4221	1235.408879	89523084.35	5.724538	0.026
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	5496218.751	1595983.757	3716.621503	368951154	3.443781	0.015
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	13604717.29	2882725.369	6845.964218	613165109.2	4.719394	0.022
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	24461348.25	7807547.248	13305.99843	1231477163	3.133039	0.020
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	9238228.06	2306398.243	4301.594113	436630310.9	4.005478	0.021
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	665.8325869	0	108.6187065	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	948.3324782	0	719.5699786	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	36384.80318	25845.65	65.87926093	852906.45	1.407773	0.043
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	75.28737561	0	30.28190612	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	537.0554046	0	47.74000133	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	1972.615056	0	453.1446484	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	142.2488982	0	18.65000053	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	240.8617487	0	46.89378996	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	670.0700214	0	416.5199829	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	4158.728435	0	1272.879023	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	91.44704374	0	11.51530414	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	26315.93149	9289.25	3659.115784	343702.25	2.832945	0.077

Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	29735.64456	0	5049.494295	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	2555.856769	0	348.2695995	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	3573.945973	0	561.1790766	0		
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	5178739.276	1830278.69	3029.06954	227099183.5	2.829481	0.023
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	31053760.43	3895584.2	3170.317869	1575220182	7.971528	0.020
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	6924628.55	1861185.758	4584.217074	320811075.1	3.720547	0.022
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	1631226.308	584811.6067	1627.015419	75730059.86	2.789319	0.022
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	948647.5537	390313.9527	921.8556824	51323689.17	2.430473	0.018
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	4228568.6	2652518.296	8481.548423	213219213.1	1.594171	0.020
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	4588736.187	2192902.042	8544.524682	220193273.8	2.09254	0.021
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	2710928.06	528946.3553	755.4427735	132203642.6	5.125147	0.021
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	37292001.87	9879015.496	11074.24034	1994771110	3.77487	0.019
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	24301785.57	2650506.417	6222.036152	973576463.8	9.168733	0.025
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	4448614.808	3508046.815	11080.22642	229556972.2	1.268117	0.019
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	509938.5212	124452.8323	508.8164481	32660277.6	4.097444	0.016
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	34113528.72	18182953.68	33420.40925	1782054974	1.876127	0.019
Statewide Totals	2015	Construction and I	Aggregate	Aggregate	Diesel	1403797.579	662132.9214	2007.729843	52130262.95	2.120114	0.027
Statewide Totals	2015	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2161717.53	2080691.905	7530.663488	130824855.2	1.038942	0.017
Statewide Totals	2015	Industrial - Forklift	Aggregate	Aggregate	Diesel	9101703.058	9737621.975	14127.04511	871198344.3	0.934695	0.010
Statewide Totals	2015	Industrial - Misc - /	Aggregate	Aggregate	Diesel	2856.829396	0	1276.876151	0		
Statewide Totals	2015	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2294.129898	0	280.2502831	0		
Statewide Totals	2015	Industrial - Misc - !	Aggregate	Aggregate	Diesel	652.1937552	0	121.4719464	0		
Statewide Totals	2015	Industrial - Other (	Aggregate	Aggregate	Diesel	4395861.43	2746874.888	3596.412948	242134566.7	1.600314	0.018
Statewide Totals	2015	Industrial - Other I	Aggregate	Aggregate	Diesel	2577304.391	750801.4297	1081.799098	125579872.2	3.432738	0.021
Statewide Totals	2015	Light Commercial ·	Aggregate	Aggregate	Diesel	957438.0961	853884.65	1221.230864	31593732.05	1.121273	0.030
Statewide Totals	2015	Light Commercial ·	Aggregate	Aggregate	Diesel	4427069.315	1719098.9	14996.36361	56730263.7	2.575227	0.078
Statewide Totals	2015	Light Commercial ·	Aggregate	Aggregate	Diesel	22348.60611	17322.9	446.7040442	658270.2	1.290119	0.034
Statewide Totals	2015	Light Commercial ·	Aggregate	Aggregate	Diesel	2449449.471	897224.75	7808.172594	33197315.75	2.730029	0.074
Statewide Totals	2015	Light Commercial ·	Aggregate	Aggregate	Diesel	4948499.617	3367533.8	8895.355786	154906554.8	1.469473	0.032
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	2414870.855	421884.3856	1268.895524	93034870.97	5.724011	0.026
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	5725329.531	1662344.666	3817.363201	384392585	3.444129	0.015
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	14171282.45	3002717.662	7031.528999	638452186.9	4.719485	0.022
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	25470696.03	8132417.018	13666.66708	1282360052	3.131996	0.020
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	9615811.673	2402415.2	4418.191914	454480675.5	4.00256	0.021
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	670.7135852	0	109.3863017	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	958.7627836	0	730.4900048	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	36893.54921	26298.25	66.85122447	867842.25	1.40289	0.043
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	76.07573484	0	30.68512429	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	544.8176343	0	48.43000269	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	2005.348371	0	460.6681343	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	143.1804715	0	18.93000106	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	244.1744025	0	47.58472703	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	680.398128	0	422.9399989	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	4213.038163	0	1289.356508	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	90.34102047	0	11.37603009	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	26653.11863	9453.5	3714.489003	349779.5	2.819392	0.076
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	29771.6249	0	5105.187805	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	2595.849496	0	353.9884883	0		

Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	3586.476572	0	564.0997732	0		
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	5390729.54	1906441.687	3111.174647	236456279.3	2.827639	0.023
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	32313654.29	4057734.188	3256.251614	1639043921	7.963472	0.020
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	7212295.633	1938593.292	4708.475573	334187452.4	3.720376	0.022
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	1698849.974	609147.2059	1671.116841	78899000.75	2.788899	0.022
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	988143.3493	406575.7442	946.8432434	53448967.47	2.430404	0.018
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	4403996.479	2762866.809	8711.44689	222058124.6	1.593995	0.020
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	4781438.123	2284467.357	8776.130166	229477379.8	2.093021	0.021
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	2821917.389	550943.9397	775.9195929	137599209.5	5.121968	0.021
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	38827746.95	10290045.6	11374.41559	2079886854	3.773331	0.019
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	25299865.42	2760839.978	6390.688915	1013915149	9.163829	0.025
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	4632930.603	3654219.802	11380.56392	239140402	1.26783	0.019
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	531237.4485	129603.8869	522.6082837	33998364.77	4.098931	0.016
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	35487128.52	18939824.36	34326.29346	1854835700	1.873678	0.019
Statewide Totals	2016	Construction and I	Aggregate	Aggregate	Diesel	1462873.528	689649.1587	2062.150804	54295397.13	2.121185	0.027
Statewide Totals	2016	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2251677.457	2167279.948	7734.787536	136269864.9	1.038942	0.017
Statewide Totals	2016	Industrial - Forklift	Aggregate	Aggregate	Diesel	9480470.649	10142853.35	14509.96883	907430618.6	0.934695	0.010
Statewide Totals	2016	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2847.724953	0	1284.847681	0		
Statewide Totals	2016	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2268.314491	0	277.2629388	0		
Statewide Totals	2016	Industrial - Misc - !	Aggregate	Aggregate	Diesel	627.3022438	0	116.8854356	0		
Statewide Totals	2016	Industrial - Other (	Aggregate	Aggregate	Diesel	4578795.309	2861186.152	3693.896306	252249873.1	1.600314	0.018
Statewide Totals	2016	Industrial - Other I	Aggregate	Aggregate	Diesel	2684558.975	782046.0491	1111.12204	130801687.5	3.432738	0.021
Statewide Totals	2016	Light Commercial ·	Aggregate	Aggregate	Diesel	956610.1239	854767.95	1222.140856	31626414.15	1.119146	0.030
Statewide Totals	2016	Light Commercial ·	Aggregate	Aggregate	Diesel	4427646.768	1720708.55	15010.89238	56783382.15	2.573153	0.078
Statewide Totals	2016	Light Commercial ·	Aggregate	Aggregate	Diesel	22412.31905	17315.6	447.1037963	657992.8	1.294343	0.034
Statewide Totals	2016	Light Commercial ·	Aggregate	Aggregate	Diesel	2449496.89	898115.35	7815.971789	33230267.95	2.727374	0.074
Statewide Totals	2016	Light Commercial ·	Aggregate	Aggregate	Diesel	4945785.934	3370639.95	8903.495469	155049437.7	1.467314	0.032
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	2511664.306	438711.3472	1301.782395	96827132.36	5.725095	0.026
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	5955444.131	1728749.627	3916.300528	399865904.1	3.444943	0.015
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	14737762.2	3122697.806	7213.770157	663916893	4.719561	0.022
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	26492900.42	8457336.695	14020.87585	1333669139	3.132535	0.020
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	9993036.796	2498391.68	4532.701348	472307398.4	3.999788	0.021
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	674.7499527	0	110.0305093	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	970.2950927	0	741.5800838	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	37354.95898	26637.7	67.89697567	879044.1	1.402334	0.042
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	77.36287709	0	31.23784401	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	552.6923534	0	49.13000319	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	2037.335516	0	468.0150983	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	145.0944415	0	19.26000125	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	247.1423134	0	48.16311332	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	690.2436025	0	429.0600098	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	4266.11576	0	1305.741355	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	90.19640961	0	11.35782025	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	26997.76474	9617.75	3769.917241	355856.75	2.807077	0.076
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	29854.16108	0	5160.248794	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	2635.164568	0	359.5490649	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	3603.129294	0	567.9916228	0		
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	5604031.487	1982608.615	3191.809182	246008364.3	2.826595	0.023

Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	33597364.22	4219809.641	3340.646212	1704024405	7.96182	0.020
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	7495316.717	2016081.141	4830.508497	347367504.3	3.717765	0.022
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	1766111.325	633460.2373	1714.42837	82045332.93	2.788038	0.022
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	1027734.102	422808.2106	971.3832557	55574905.29	2.430734	0.018
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	4578808.465	2873364.049	8937.227679	230904779.6	1.593536	0.020
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	4972393.829	2375250.752	9003.587397	238625096.1	2.093418	0.021
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	2937549.32	572976.0808	796.029655	143032502.5	5.126827	0.021
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	40373009.95	10701170.54	11669.21444	2164116169	3.772766	0.019
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	26308871.28	2871109.609	6556.320962	1054303635	9.163311	0.025
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	4817536.045	3800162.045	11675.52212	248736215.4	1.267719	0.019
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	553551.8197	134797.7867	536.1530957	35410750.69	4.106535	0.016
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	36868190.68	19696073.06	35215.95252	1927640946	1.871855	0.019
Statewide Totals	2017	Construction and I	Aggregate	Aggregate	Diesel	1521757.807	717219.2132	2115.597039	56462467.57	2.121747	0.027
Statewide Totals	2017	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2341637.384	2253867.991	7935.255547	141712163.8	1.038942	0.017
Statewide Totals	2017	Industrial - Forklift	Aggregate	Aggregate	Diesel	9859238.239	10548084.72	14886.03405	943665016.4	0.934695	0.010
Statewide Totals	2017	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2837.714708	0	1289.930226	0		
Statewide Totals	2017	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2238.83886	0	273.8140383	0		
Statewide Totals	2017	Industrial - Misc - !	Aggregate	Aggregate	Diesel	600.1253619	0	111.872241	0		
Statewide Totals	2017	Industrial - Other (	Aggregate	Aggregate	Diesel	4761729.188	2975497.417	3789.633654	262327234.4	1.600314	0.018
Statewide Totals	2017	Industrial - Other I	Aggregate	Aggregate	Diesel	2791813.559	813290.6686	1139.919783	136015894.4	3.432738	0.021
Statewide Totals	2017	Light Commercial ·	Aggregate	Aggregate	Diesel	955883.2953	855567.3	1223.520851	31655990.1	1.117251	0.030
Statewide Totals	2017	Light Commercial ·	Aggregate	Aggregate	Diesel	4428469.823	1722402.15	15025.45147	56839270.95	2.571101	0.078
Statewide Totals	2017	Light Commercial ·	Aggregate	Aggregate	Diesel	22428.90504	17315.6	448.0539746	657992.8	1.2953	0.034
Statewide Totals	2017	Light Commercial ·	Aggregate	Aggregate	Diesel	2449905.829	899046.1	7823.701113	33264705.7	2.725006	0.074
Statewide Totals	2017	Light Commercial ·	Aggregate	Aggregate	Diesel	4943897.721	3373906.7	8912.375053	155199708.2	1.465333	0.032
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	2600710.501	455569.5661	1334.10061	100237385.1	5.708701	0.026
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	6185084.17	1795170.638	4013.5271	415268584.8	3.445402	0.015
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	15288034.15	3242671.6	7392.860127	688884222.3	4.714642	0.022
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	27511101.3	8782172.005	14368.95989	1385149867	3.132608	0.020
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	10363463.48	2594349.704	4645.230764	489911541.3	3.994629	0.021
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	678.9694982	0	110.7589036	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	981.4349941	0	752.3100044	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	37893.07853	27101.25	68.84522914	894341.25	1.398204	0.042
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	78.26872975	0	31.61673887	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	561.0170008	0	49.86999906	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	2070.044867	0	475.5294855	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	146.8151033	0	19.52999963	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	250.5655176	0	48.83022769	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	700.3785693	0	435.3599743	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	4318.420499	0	1322.119078	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	90.74678718	0	11.42712551	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	27386.17899	9771.05	3825.3446	361528.85	2.802788	0.076
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	29950.75344	0	5211.721905	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	2674.818786	0	365.0893014	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	3632.877177	0	573.5551955	0		
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	5817236.929	2058796.176	3271.04944	255370443.7	2.825553	0.023
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	34894596.66	4381895.104	3423.581517	1766507745	7.963357	0.020
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	7785694.477	2093535.454	4950.431311	360675011.7	3.718922	0.022

Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	1834278.702	657831.1998	1756.990985	85203895.13	2.788373	0.022
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	1067138.933	439054.3688	995.4989392	57721275.97	2.430539	0.018
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	4755062.216	2983679.631	9159.104423	239704124.5	1.593691	0.020
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	5162897.997	2466747.73	9227.111596	247779115.4	2.092998	0.021
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	3051135.404	594996.9664	815.7919879	148401466.6	5.127985	0.021
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	41919186.12	11112405.01	11958.91583	2247689189	3.772287	0.019
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	27322997.93	2981456.125	6719.089015	1094392818	9.164313	0.025
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	4998789.316	3945960.6	11965.38011	258154119.2	1.266812	0.019
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	573373.6653	139972.2538	549.4637002	36720093.75	4.096338	0.016
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	38225915.19	20452557.95	36090.22821	1999055270	1.869004	0.019
Statewide Totals	2018	Construction and I	Aggregate	Aggregate	Diesel	1580290.943	744816.1128	2168.119118	58617247.17	2.12172	0.027
Statewide Totals	2018	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2431597.311	2340456.035	8132.257204	147166132.6	1.038942	0.017
Statewide Totals	2018	Industrial - Forklift	Aggregate	Aggregate	Diesel	10238005.83	10953316.09	15255.59661	979980022	0.934695	0.010
Statewide Totals	2018	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2826.043236	0	1293.006379	0		
Statewide Totals	2018	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2205.313463	0	269.85321	0		
Statewide Totals	2018	Industrial - Misc - !	Aggregate	Aggregate	Diesel	576.0709662	0	107.4215984	0		
Statewide Totals	2018	Industrial - Other (	Aggregate	Aggregate	Diesel	4944663.066	3089808.681	3883.715578	272353437.8	1.600314	0.018
Statewide Totals	2018	Industrial - Other I	Aggregate	Aggregate	Diesel	2899068.143	844535.2881	1168.219576	141266132.4	3.432738	0.021
Statewide Totals	2018	Light Commercial ·	Aggregate	Aggregate	Diesel	955220.5659	856319.2	1224.320912	31683810.4	1.115496	0.030
Statewide Totals	2018	Light Commercial ·	Aggregate	Aggregate	Diesel	4429274.996	1724030.05	15039.37052	56892991.65	2.56914	0.078
Statewide Totals	2018	Light Commercial ·	Aggregate	Aggregate	Diesel	22440.62962	17308.3	448.4538485	657715.4	1.296524	0.034
Statewide Totals	2018	Light Commercial ·	Aggregate	Aggregate	Diesel	2450067.665	899867.35	7830.68049	33295091.95	2.722699	0.074
Statewide Totals	2018	Light Commercial ·	Aggregate	Aggregate	Diesel	4942076.269	3377056.65	8920.754503	155344605.9	1.463427	0.032
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	2695340.718	472418.3739	1365.878684	104133919.6	5.70541	0.026
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	6414353.11	1861628.723	4109.128706	430827879.4	3.44556	0.015
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	15853308.45	3362676.862	7568.956931	714069542.2	4.714491	0.022
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	28525576.83	9107073.041	14711.22633	1436088295	3.132244	0.020
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	10731276.41	2690312.176	4755.879455	506970847.2	3.988859	0.021
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	681.5540954	0	111.2076116	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	993.3243587	0	763.1400155	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	38409.41651	27440.7	69.91825209	905543.1	1.399724	0.042
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	79.54928998	0	32.1440755	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	569.3416727	0	50.60999757	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	2102.768311	0	483.0424353	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	149.3747093	0	19.87999905	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	254.2855465	0	49.55518731	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	710.5135762	0	441.6599662	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	4370.404816	0	1338.509312	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	92.7568561	0	11.68023989	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	27785.6863	9920.7	3880.781617	367065.9	2.800779	0.076
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	30071.47695	0	5260.775998	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	2712.876977	0	370.3535336	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	3669.658104	0	579.8894966	0		
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	6030786.522	2134999.019	3348.965341	264769406.3	2.824726	0.023
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	36179004.43	4544067.748	3505.130708	1830432871	7.96181	0.020
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	8075183.583	2170988.368	5068.349833	374079331.5	3.719589	0.022
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	1902062.956	682148.8216	1798.842243	88338777.07	2.78834	0.022
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	1106579.54	455321.8708	1019.211573	59852203.46	2.430324	0.018

Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	4931572.144	3094157.813	9377.272898	248593778.4	1.593833	0.020
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	5353663.19	2558234.178	9446.899993	256961475.4	2.092718	0.021
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	3164827.234	616993.3369	835.224029	153813976.9	5.129435	0.021
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	43489539.59	11523557.54	12243.77539	2332640268	3.773968	0.019
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	28325209.02	3091915.781	6879.136695	1134596062	9.161055	0.025
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	5185889.903	4091791.999	12250.39364	267705283.4	1.267388	0.019
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	595146.079	145157.8389	562.5518421	38123654.01	4.099993	0.016
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	39626930.68	21209812.19	36949.89196	2072231525	1.86833	0.019
Statewide Totals	2019	Construction and I	Aggregate	Aggregate	Diesel	1637722.33	772378.1216	2219.763386	60772620.6	2.120363	0.027
Statewide Totals	2019	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2521557.237	2427044.078	8325.966335	152608812.9	1.038942	0.017
Statewide Totals	2019	Industrial - Forklift	Aggregate	Aggregate	Diesel	10616773.42	11358547.46	15618.9826	1016424760	0.934695	0.010
Statewide Totals	2019	Industrial - Misc - /	Aggregate	Aggregate	Diesel	2817.769775	0	1296.069245	0		
Statewide Totals	2019	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2179.948267	0	266.9503627	0		
Statewide Totals	2019	Industrial - Misc - !	Aggregate	Aggregate	Diesel	558.4593283	0	104.2238712	0		
Statewide Totals	2019	Industrial - Other (	Aggregate	Aggregate	Diesel	5127596.945	3204119.945	3976.225093	282384174.4	1.600314	0.018
Statewide Totals	2019	Industrial - Other I	Aggregate	Aggregate	Diesel	3006322.727	875779.9076	1196.046389	146511440.5	3.432738	0.021
Statewide Totals	2019	Light Commercial ·	Aggregate	Aggregate	Diesel	954706.6543	857209.8	1225.870773	31716762.6	1.113737	0.030
Statewide Totals	2019	Light Commercial ·	Aggregate	Aggregate	Diesel	4430771.782	1725599.55	15054.71922	56944785.15	2.567671	0.078
Statewide Totals	2019	Light Commercial ·	Aggregate	Aggregate	Diesel	22466.38631	17333.85	448.9938773	658686.3	1.296099	0.034
Statewide Totals	2019	Light Commercial ·	Aggregate	Aggregate	Diesel	2450569.93	900717.8	7838.649825	33326558.6	2.720686	0.074
Statewide Totals	2019	Light Commercial ·	Aggregate	Aggregate	Diesel	4940604.645	3380473.05	8929.264364	155501760.3	1.461513	0.032
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	2798665.981	489284.0218	1397.142827	107980289.8	5.719921	0.026
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	6642286.656	1928055.641	4203.184195	446121570	3.44507	0.015
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	16419315.72	3482625.644	7742.205812	739712665.1	4.714637	0.022
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	29536104.31	9431965.613	15047.95747	1486673188	3.13149	0.020
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	11105738.49	2786347.472	4864.738681	524919631.9	3.985769	0.021
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	684.6003339	0	111.7344648	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	1005.896264	0	774.1200013	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	38893.04921	27838.55	71.10154043	918672.15	1.397093	0.042
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	80.41925708	0	32.50252145	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	576.5414463	0	51.25000038	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	2135.299443	0	490.5144887	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	151.2889948	0	20.14000015	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	257.7432135	0	50.2290174	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	720.9864983	0	448.1700083	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	4425.102009	0	1355.673883	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	94.8845626	0	11.9481675	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	28133.66352	10026.55	3936.08908	370982.35	2.805917	0.076
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	30216.72721	0	5308.780799	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	2752.883043	0	375.8354835	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	3711.919471	0	586.4802974	0		
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	6247618.07	2211112.564	3425.621147	274171014.6	2.825554	0.023
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	37469121.15	4706123.846	3585.361046	1897401049	7.96178	0.020
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	8366048.052	2248438.16	5184.361318	387683209.1	3.720826	0.022
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	1969407.262	706466.6067	1840.016662	91465381.88	2.787686	0.022
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	1145667.332	471562.9614	1042.540714	61962360.07	2.429511	0.018
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	5107628.644	3204557.303	9591.913046	257449166.3	1.593864	0.020
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	5546461.093	2649656.849	9663.133862	266261078.3	2.093275	0.021

Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	3277911.212	639011.5277	854.3418057	159297951.9	5.129659	0.021
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	45048808.68	11934575.26	12524.02805	2416416545	3.774647	0.019
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	29329680.73	3202195.591	7036.596004	1174106937	9.159241	0.025
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	5371346.186	4238002.008	12530.7978	277337697.9	1.267424	0.019
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	616329.2588	150343.9336	575.428316	39481868.72	4.099462	0.016
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	41026000.9	21966054.86	37795.65281	2144547047	1.8677	0.019
Statewide Totals	2020	Construction and I	Aggregate	Aggregate	Diesel	1695103.591	799954.321	2270.572438	62833168.98	2.119	0.027
Statewide Totals	2020	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2611517.164	2513632.122	8516.542706	158053258.6	1.038942	0.017
Statewide Totals	2020	Industrial - Forklift	Aggregate	Aggregate	Diesel	10995541.01	11763778.83	15976.49174	1052722818	0.934695	0.010
Statewide Totals	2020	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2811.731496	0	1298.842412	0		
Statewide Totals	2020	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2160.829283	0	264.9529444	0		
Statewide Totals	2020	Industrial - Misc - '	Aggregate	Aggregate	Diesel	553.0685677	0	103.3660925	0		
Statewide Totals	2020	Industrial - Other (	Aggregate	Aggregate	Diesel	5310530.824	3318431.209	4067.238499	292470833.5	1.600314	0.018
Statewide Totals	2020	Industrial - Other I	Aggregate	Aggregate	Diesel	3113577.311	907024.527	1223.423173	151774149	3.432738	0.021
Statewide Totals	2020	Light Commercial ·	Aggregate	Aggregate	Diesel	954581.6127	858009.15	1227.120851	31746338.55	1.112554	0.030
Statewide Totals	2020	Light Commercial ·	Aggregate	Aggregate	Diesel	4432702.295	1727293.15	15068.81852	57000673.95	2.566271	0.078
Statewide Totals	2020	Light Commercial ·	Aggregate	Aggregate	Diesel	22476.16713	17301	449.243767	657438	1.299125	0.034
Statewide Totals	2020	Light Commercial ·	Aggregate	Aggregate	Diesel	2451509.683	901648.55	7846.269236	33360996.35	2.718919	0.073
Statewide Totals	2020	Light Commercial ·	Aggregate	Aggregate	Diesel	4940600.23	3383633.95	8937.903733	155647161.7	1.460146	0.032
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	2901215.994	506120.7453	1427.917196	111967861.8	5.732261	0.026
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	6870427.664	1994460.912	4295.766241	461407954.8	3.444754	0.015
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	16973084.26	3602644.318	7912.74063	764871502.2	4.711285	0.022
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	30536087.67	9756840.596	15379.41348	1537371755	3.129711	0.020
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	11481824.3	2882304.831	4971.892552	542682236.9	3.983557	0.021
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	694.5956961	0	113.4376354	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	1018.441747	0	784.9600405	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	39383.72297	28232.75	72.05067411	931680.75	1.394966	0.042
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	81.60570542	0	32.98404291	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	585.4286389	0	52.04000121	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	2168.300546	0	498.0926412	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	153.8078223	0	20.48000048	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	261.3064079	0	50.92341365	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	731.1215901	0	454.4700474	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	4485.986999	0	1374.626342	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	98.06884487	0	12.34914254	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	28518.92345	10198.1	3991.618649	377329.7	2.796494	0.076
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	30665.92735	0	5406.458357	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	2792.144579	0	381.1956381	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	3763.101997	0	595.0869652	0		
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	6463556.71	2287295.975	3501.076088	283551558.9	2.825851	0.023
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	38776133.94	4868276.424	3664.33452	1964067847	7.965064	0.020
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	8652360.661	2325905.497	5298.555403	401003005.8	3.719997	0.022
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	2036194.168	730817.1062	1880.546056	94623662.5	2.786188	0.022
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	1185296.403	487786.0513	1065.504388	64152988.88	2.429951	0.018
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	5283847.331	3314890.938	9803.190708	266303710.6	1.593973	0.020
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	5738820.73	2740940.2	9875.98028	275539520.6	2.093742	0.021
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	3387271.696	661014.2921	873.1600892	164558876.1	5.124355	0.021
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	46647587.7	12345581.1	12799.89037	2502554861	3.778485	0.019

Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	30351722.55	3312391.777	7191.588605	1215003520	9.163084	0.025
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	5556561.764	4383942.86	12806.80923	286879018.6	1.26748	0.019
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	638028.0373	155525.9481	588.1030712	40863973.4	4.10239	0.016
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	42455236.52	22722847.35	38628.16423	2218799496	1.868394	0.019
Statewide Totals	2021	Construction and I	Aggregate	Aggregate	Diesel	1753653.492	827441.4738	2320.58553	64984773.85	2.119369	0.027
Statewide Totals	2021	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2701477.091	2600220.165	8704.133568	163504937.2	1.038942	0.017
Statewide Totals	2021	Industrial - Forklift	Aggregate	Aggregate	Diesel	11374308.6	12169010.2	16328.40025	1088947474	0.934695	0.010
Statewide Totals	2021	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2886.546782	0	1338.118421	0		
Statewide Totals	2021	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2223.365059	0	272.7585543	0		
Statewide Totals	2021	Industrial - Misc - !	Aggregate	Aggregate	Diesel	593.3340579	0	111.1786328	0		
Statewide Totals	2021	Industrial - Other (	Aggregate	Aggregate	Diesel	5493464.702	3432742.474	4156.826117	302539473	1.600314	0.018
Statewide Totals	2021	Industrial - Other I	Aggregate	Aggregate	Diesel	3220831.895	938269.1465	1250.37108	157053247.8	3.432738	0.021
Statewide Totals	2021	Light Commercial ·	Aggregate	Aggregate	Diesel	980128.5288	882037.1	1261.480303	32635372.7	1.11121	0.030
Statewide Totals	2021	Light Commercial ·	Aggregate	Aggregate	Diesel	4553896.895	1775568.05	15488.60748	58593745.65	2.564755	0.078
Statewide Totals	2021	Light Commercial ·	Aggregate	Aggregate	Diesel	23093.12895	17779.15	462.02289	675607.7	1.298888	0.034
Statewide Totals	2021	Light Commercial ·	Aggregate	Aggregate	Diesel	2518399.238	926775.15	8064.872078	34290680.55	2.717379	0.073
Statewide Totals	2021	Light Commercial ·	Aggregate	Aggregate	Diesel	5073556.96	3478154.35	9187.002357	159995100.1	1.458692	0.032
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	2998520.998	522994.6634	1458.224111	115711958.7	5.733368	0.026
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	7097952.169	2060913.642	4386.941994	476523177.7	3.44408	0.015
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	17529460.82	3722640.741	8080.685077	790475312.7	4.708878	0.022
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	31555925.12	10081792.36	15705.83478	1589242777	3.129992	0.020
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	11861193.8	2978250.185	5077.41879	560512657.1	3.982605	0.021
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	701.4904271	0	114.5964415	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	1031.36585	0	795.8800129	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	39940.41457	28678.05	73.13628018	946375.65	1.392717	0.042
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	82.870358	0	33.49570284	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	592.7408271	0	52.68999766	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	2200.411844	0	505.4706957	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	156.124234	0	20.78999908	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	265.0993639	0	51.66258502	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	741.1439121	0	460.6999852	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	4545.215307	0	1392.934789	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	101.5789206	0	12.79114239	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	28921.88206	10303.95	4046.906718	381246.15	2.806873	0.076
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	30911.11882	0	5462.46949	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	2832.059319	0	386.6449742	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	3809.320674	0	602.4602214	0		
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	6680466.318	2363517.699	3575.384891	293138882.3	2.826493	0.023
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	40098014.47	5030463.446	3742.108412	2029482743	7.971038	0.020
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	8950534.894	2403345.44	5411.014916	414679925.4	3.724198	0.022
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	2104919.203	755158.5361	1920.459821	97756441.44	2.787387	0.022
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	1225057.385	504027.7897	1088.119251	66346545.27	2.430535	0.018
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	5459441.617	3425336.237	10011.25913	275227914.1	1.593841	0.020
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	5929568.253	2832253.987	10085.59363	284768891.5	2.093586	0.021
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	3501553.85	683081.9289	891.6925289	169967493.6	5.126111	0.021
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	48230071.81	12756714.52	13071.56243	2587245644	3.78076	0.019
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	31384031.07	3422897.855	7344.226917	1255937666	9.168848	0.025
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	5745895.03	4530086.183	13078.62814	296640608.4	1.268385	0.019

Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	658634.7007	160711.328	600.5853007	42161652.68	4.098247	0.016
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	43898794.5	23479748.9	39448.03006	2292744512	1.869645	0.019
Statewide Totals	2022	Construction and I	Aggregate	Aggregate	Diesel	1812536.475	854964.3426	2369.83894	67148544.41	2.120014	0.027
Statewide Totals	2022	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2791437.018	2686808.209	8888.874982	168949663.1	1.038942	0.017
Statewide Totals	2022	Industrial - Forklift	Aggregate	Aggregate	Diesel	11753076.19	12574241.58	16674.96338	1125298979	0.934695	0.010
Statewide Totals	2022	Industrial - Misc - A	Aggregate	Aggregate	Diesel	2888.945793	0	1342.336227	0		
Statewide Totals	2022	Industrial - Misc - I	Aggregate	Aggregate	Diesel	2221.434842	0	272.5645357	0		
Statewide Totals	2022	Industrial - Misc - S	Aggregate	Aggregate	Diesel	600.1270975	0	112.472258	0		
Statewide Totals	2022	Industrial - Other (	Aggregate	Aggregate	Diesel	5676398.581	3547053.738	4245.052927	312692311.5	1.600314	0.018
Statewide Totals	2022	Industrial - Other I	Aggregate	Aggregate	Diesel	3328086.478	969513.766	1276.909658	162304505.2	3.432738	0.021
Statewide Totals	2022	Light Commercial	Aggregate	Aggregate	Diesel	983300.4623	885475.4	1266.430224	32762589.8	1.110477	0.030
Statewide Totals	2022	Light Commercial	Aggregate	Aggregate	Diesel	4569837.95	1782378.95	15548.12315	58818505.35	2.563898	0.078
Statewide Totals	2022	Light Commercial	Aggregate	Aggregate	Diesel	23096.01809	17837.55	463.5925528	677826.9	1.294798	0.034
Statewide Totals	2022	Light Commercial	Aggregate	Aggregate	Diesel	2527272.353	930385	8096.029751	34424245	2.716373	0.073
Statewide Totals	2022	Light Commercial	Aggregate	Aggregate	Diesel	5090162.176	3491553.5	9222.410889	160611461	1.45785	0.032
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	3096924.689	539855.605	1488.08425	119410754.8	5.73658	0.026
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	7326914.03	2127271.207	4476.773655	491840811.2	3.444278	0.015
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	18096869.97	3842548.839	8246.153726	815703594.9	4.709601	0.022
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	32577100.39	10406481.6	16027.44406	1639640973	3.130462	0.020
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	12234917.72	3074397.755	5181.389384	577994913.3	3.979614	0.021
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	710.1353777	0	116.0454708	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	1044.506032	0	806.7900098	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	40482.02237	29057.65	74.07070539	958902.45	1.393162	0.042
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	84.145139	0	34.01096161	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	601.7405416	0	53.49000151	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	2233.428804	0	513.0530979	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	158.5946628	0	21.1200006	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	268.9409747	0	52.41123832	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	751.1019949	0	466.8899945	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	4605.970233	0	1411.677888	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	105.7483349	0	13.31616864	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	29295.57275	10439	4102.151089	386243	2.806358	0.076
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	31180.20097	0	5519.593166	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	2873.965212	0	392.3661476	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	3875.332551	0	612.28237	0		
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	6897134.915	2439650.351	3648.598251	302595215.7	2.8271	0.023
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	41407817.12	5192514.952	3818.73578	2094734609	7.974521	0.020
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	9240871.447	2480856.851	5521.816577	427894247.3	3.724871	0.022
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	2172816.278	779508.9262	1959.785186	100888067.4	2.787417	0.022
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	1264206.403	520243.5523	1110.400731	68463489.1	2.430028	0.018
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	5635480.218	3535588.089	10216.26025	284082851.3	1.59393	0.020
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	6121301.848	2922903.948	10292.1169	293871171.2	2.094254	0.021
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	3614872.155	705077.0856	909.9517676	175350229.1	5.126918	0.021
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	49793597.49	13167838.8	13339.22956	2669873400	3.781456	0.019
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	32394576.41	3533025.015	7494.61507	1295390265	9.169076	0.025
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	5933720.907	4675784.554	13346.43995	306322983.3	1.269032	0.019
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	680902.1104	165862.8486	612.8835202	43590144.89	4.105212	0.016
Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	45354747.76	24236328.8	40255.80962	2367658790	1.871354	0.019

Statewide Totals	2023	Construction and I	Aggregate	Aggregate	Diesel	1872140.451	882543.8533	2418.366267	69370762.06	2.1213	0.027
Statewide Totals	2023	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2881396.945	2773396.252	9070.892982	174395633	1.038942	0.017
Statewide Totals	2023	Industrial - Forklift	Aggregate	Aggregate	Diesel	12131843.78	12979472.95	17016.41756	1161604673	0.934695	0.010
Statewide Totals	2023	Industrial - Misc - A	Aggregate	Aggregate	Diesel	2886.759255	0	1343.637272	0		
Statewide Totals	2023	Industrial - Misc - I	Aggregate	Aggregate	Diesel	2216.552843	0	271.8783771	0		
Statewide Totals	2023	Industrial - Misc - S	Aggregate	Aggregate	Diesel	598.8285127	0	111.9251132	0		
Statewide Totals	2023	Industrial - Other (	Aggregate	Aggregate	Diesel	5859332.46	3661365.002	4331.979118	322862515.1	1.600314	0.018
Statewide Totals	2023	Industrial - Other I	Aggregate	Aggregate	Diesel	3435341.062	1000758.385	1303.05701	167542678.1	3.432738	0.021
Statewide Totals	2023	Light Commercial -	Aggregate	Aggregate	Diesel	986662.6716	888796.9	1271.660119	32885485.3	1.11011	0.030
Statewide Totals	2023	Light Commercial -	Aggregate	Aggregate	Diesel	4585946.981	1789153.35	15606.76842	59042060.55	2.563194	0.078
Statewide Totals	2023	Light Commercial -	Aggregate	Aggregate	Diesel	23130.09838	17961.65	465.2225958	682542.7	1.287749	0.034
Statewide Totals	2023	Light Commercial -	Aggregate	Aggregate	Diesel	2536034.704	933896.3	8126.787041	34554163.1	2.715542	0.073
Statewide Totals	2023	Light Commercial -	Aggregate	Aggregate	Diesel	5106803.275	3504824.9	9256.999337	161221945.4	1.457078	0.032
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	3196442.004	556666.2811	1517.516805	123112454.3	5.742115	0.026
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	7554289.383	2193715.352	4565.318971	507083129.5	3.443605	0.015
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	18654090.78	3962573.304	8409.252945	840636374.5	4.70757	0.022
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	33598708.81	10731509.53	16344.44805	1690563559	3.130846	0.020
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	12611155.72	3170331.991	5283.87117	596038352.3	3.977866	0.021
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	720.6398598	0	117.7849646	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	1058.207213	0	817.7899423	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	41009.39843	29470.1	75.18214922	972513.3	1.39156	0.042
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	85.23637208	0	34.45203145	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	609.16524	0	54.14999843	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	2266.151369	0	520.5676242	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	160.5470508	0	21.37999938	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	272.610133	0	53.12628414	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	761.3174384	0	473.2399914	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	4670.003129	0	1431.274546	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	109.2086183	0	13.75189831	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	29713.31042	10581.35	4157.591304	391509.95	2.808083	0.076
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	31479.47959	0	5578.399073	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	2913.559757	0	397.7717618	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	3926.414557	0	620.2168981	0		
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	7113817.217	2515807.727	3720.763232	312158422.1	2.827647	0.023
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	42709917.76	5354651.573	3894.265881	2162516781	7.976227	0.020
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	9533365.1	2558302.66	5631.031613	441148288.4	3.726441	0.022
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	2241977.04	803842.3667	1998.547431	104053471.5	2.789075	0.022
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	1303362.668	536487.8244	1132.363151	70583455.69	2.429436	0.018
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	5812106.225	3645943.163	10418.32586	292947291.4	1.59413	0.020
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	6311222.141	3014208.395	10495.68287	302923997.9	2.093824	0.021
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	3727136.81	727097.2291	927.9495431	180826406.2	5.12605	0.021
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	51346963.01	13579056.51	13603.06383	2752115402	3.781335	0.019
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	33394215.22	3643469.51	7642.849739	1335533221	9.165499	0.025
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	6121726.661	4821826.306	13610.41683	315852432.9	1.269587	0.019
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	702725.5695	171053.0218	625.0056352	44977468.12	4.108232	0.016
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	46803054.75	24992747.11	41052.02218	2442776145	1.872665	0.019
Statewide Totals	2024	Construction and I	Aggregate	Aggregate	Diesel	1929315.556	910101.6057	2466.198706	71498102.19	2.11989	0.027
Statewide Totals	2024	Industrial - Aerial I	Aggregate	Aggregate	Diesel	2971356.871	2859984.296	9250.304574	179841977.4	1.038942	0.017

Statewide Totals	2024	Industrial - Forklift	Aggregate	Aggregate	Diesel	12510611.37	13384704.32	17352.98228	1197963792	0.934695	0.010
Statewide Totals	2024	Industrial - Misc - A	Aggregate	Aggregate	Diesel	2884.223304	0	1343.835635	0		
Statewide Totals	2024	Industrial - Misc - C	Aggregate	Aggregate	Diesel	2207.288202	0	271.1433235	0		
Statewide Totals	2024	Industrial - Misc - S	Aggregate	Aggregate	Diesel	594.2664143	0	111.2091011	0		
Statewide Totals	2024	Industrial - Other (	Aggregate	Aggregate	Diesel	6042266.339	3775676.266	4417.660568	332986537	1.600314	0.018
Statewide Totals	2024	Industrial - Other I	Aggregate	Aggregate	Diesel	3542595.646	1032003.005	1328.829944	172775144	3.432738	0.021
Statewide Totals	2024	Light Commercial ·	Aggregate	Aggregate	Diesel	989787.8202	892081.9	1276.169981	33007030.3	1.109526	0.030
Statewide Totals	2024	Light Commercial ·	Aggregate	Aggregate	Diesel	4602102.364	1795792.7	15665.20447	59261159.1	2.562714	0.078
Statewide Totals	2024	Light Commercial ·	Aggregate	Aggregate	Diesel	23211.06584	18041.95	467.1324449	685594.1	1.286505	0.034
Statewide Totals	2024	Light Commercial ·	Aggregate	Aggregate	Diesel	2544764.377	937455.05	8157.104779	34685836.85	2.714545	0.073
Statewide Totals	2024	Light Commercial ·	Aggregate	Aggregate	Diesel	5123993.339	3518008.7	9292.497751	161828400.2	1.456504	0.032
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	3238464.151	563267.3083	1528.843695	124872265	5.749427	0.026
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	7642444.923	2219491.44	4599.394947	512933730.8	3.443332	0.015
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	18871524.48	4009079.229	8472.02041	850312919.4	4.707197	0.022
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	34007896.64	10857766.05	16466.44456	1711353023	3.132126	0.020
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	12757536.22	3207652.87	5323.310488	602675197.5	3.977218	0.021
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	732.1001183	0	119.6590449	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	1072.028679	0	828.7700933	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	41529.3606	29857	76.16977355	985281	1.390942	0.042
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	86.43387176	0	34.93605369	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	617.3774998	0	54.88000389	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	2298.912933	0	528.0911812	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	162.2741862	0	21.61000153	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	275.7972833	0	53.74739559	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	771.5007598	0	479.5700048	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	4733.672464	0	1450.683127	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	112.2858709	0	14.13939588	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	30094.28267	10712.75	4212.859112	396371.75	2.809202	0.076
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	31812.34595	0	5639.784075	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	2954.284992	0	403.3317494	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	3977.567107	0	628.5279865	0		
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	7194749.158	2545332.345	3748.535363	315596550.8	2.826644	0.023
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	43243390.98	5417694.452	3923.333052	2191867458	7.981881	0.020
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	9645582.069	2588340.919	5673.062169	446224673.3	3.72655	0.022
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	2267345.601	813282.4033	2013.46478	105258157.9	2.787895	0.022
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	1318770.194	542821.7648	1140.815217	71434111.71	2.429472	0.018
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	5880071.605	3689086.255	10496.08924	296390266.7	1.59391	0.020
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	6385088.883	3049596.741	10574.02364	306386278.5	2.093749	0.021
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	3769575.664	735622.3168	934.8758469	182884530.7	5.124336	0.021
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	51982942.82	13738589.54	13704.59839	2784311885	3.783718	0.019
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	33788350.83	3686149.763	7699.896698	1351523267	9.166299	0.025
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	6191518.686	4878847.336	13712.00628	319318024.4	1.269054	0.019
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	710144.115	173041.8073	629.6707368	45468673.17	4.103888	0.016
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	47393708.04	25286575.2	41358.43838	2474117440	1.874264	0.019
Statewide Totals	2025	Construction and I	Aggregate	Aggregate	Diesel	1952816.247	920877.032	2484.606649	72353545.65	2.120605	0.027
Statewide Totals	2025	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3006318.039	2893635.047	9319.349729	181959222	1.038942	0.017
Statewide Totals	2025	Industrial - Forklift	Aggregate	Aggregate	Diesel	12657812	13542189.57	17482.50659	1211981553	0.934695	0.010
Statewide Totals	2025	Industrial - Misc - A	Aggregate	Aggregate	Diesel	2871.796874	0	1338.651959	0		

Statewide Totals	2025	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2220.218764	0	272.6152873	0		
Statewide Totals	2025	Industrial - Misc - !	Aggregate	Aggregate	Diesel	595.5442415	0	111.4980134	0		
Statewide Totals	2025	Industrial - Other (	Aggregate	Aggregate	Diesel	6113360.016	3820101.105	4450.634407	336916085.1	1.600314	0.018
Statewide Totals	2025	Industrial - Other I	Aggregate	Aggregate	Diesel	3584278.045	1044145.616	1338.748458	174815485.6	3.432738	0.021
Statewide Totals	2025	Light Commercial ·	Aggregate	Aggregate	Diesel	993249.2587	895596.85	1281.279958	33137083.45	1.109036	0.030
Statewide Totals	2025	Light Commercial ·	Aggregate	Aggregate	Diesel	4619238.616	1802924.8	15726.80979	59496518.4	2.562081	0.078
Statewide Totals	2025	Light Commercial ·	Aggregate	Aggregate	Diesel	23312.5976	18100.35	469.1421394	687813.3	1.287964	0.034
Statewide Totals	2025	Light Commercial ·	Aggregate	Aggregate	Diesel	2554227.523	941108.7	8189.411973	34821021.9	2.714062	0.073
Statewide Totals	2025	Light Commercial ·	Aggregate	Aggregate	Diesel	5142473.42	3531813	9329.055886	162463398	1.456044	0.032
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	3278476.515	569800.9471	1540.109714	126256104.7	5.753722	0.026
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	7731243.23	2245319.225	4633.287795	518939352.3	3.443271	0.015
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	19093426.62	4055724.113	8534.450558	860256755	4.707773	0.022
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	34412805.39	10984117.59	16587.78546	1731610337	3.13296	0.020
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	12914808.15	3244857.783	5362.537855	610268778.4	3.980084	0.021
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	745.545965	0	121.8351588	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	1085.925862	0	839.6200177	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	42081.88182	30284.05	77.14654716	999373.65	1.389572	0.042
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	87.68151429	0	35.44034315	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	626.0396352	0	55.64999973	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	2330.887579	0	535.435933	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	165.1276761	0	21.98999989	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	279.2073837	0	54.41195671	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	781.5875032	0	485.8399907	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	4796.281459	0	1469.732523	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	114.6327639	0	14.43492398	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	30490.41261	10884.3	4268.410907	402719.1	2.80132	0.076
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	32130.73611	0	5696.880107	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	2994.865555	0	408.8719765	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	4036.736501	0	636.9607282	0		
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	7278689.474	2575033.987	3776.158245	319161444.8	2.826638	0.023
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	43765676.22	5480663.371	3952.244014	2217951387	7.985471	0.020
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	9751350.114	2618468.6	5714.86685	451025340.3	3.724066	0.022
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	2294147.93	822738.4293	2028.301961	106530820.3	2.788429	0.022
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	1334530.905	549119.8028	1149.221862	72272335.86	2.430309	0.018
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	5949893.431	3731848.717	10573.43471	299944408.6	1.594355	0.020
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	6459299.181	3085065.535	10651.94341	309874731.2	2.093732	0.021
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	3808176.993	744182.3915	941.7649281	184627348	5.117263	0.021
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	52589879.03	13898394.11	13805.5873	2816193177	3.783882	0.019
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	34181608.74	3729040.755	7756.637081	1367532993	9.166327	0.025
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	6261234.372	4935476.368	13813.04978	322829093.4	1.268618	0.019
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	720048.1836	175076.5403	634.3107677	46089172.46	4.112762	0.016
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	47977644.6	25580929.92	41663.20788	2504432034	1.875524	0.019
Statewide Totals	2026	Construction and I	Aggregate	Aggregate	Diesel	1975989.283	931590.1178	2502.915665	73264912.41	2.121093	0.027
Statewide Totals	2026	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3041279.207	2927285.798	9388.023828	184084735.7	1.038942	0.017
Statewide Totals	2026	Industrial - Forklift	Aggregate	Aggregate	Diesel	12805012.62	13699674.83	17611.33483	1226093164	0.934695	0.010
Statewide Totals	2026	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2878.932704	0	1342.18078	0		
Statewide Totals	2026	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2238.493472	0	274.9471062	0		
Statewide Totals	2026	Industrial - Misc - !	Aggregate	Aggregate	Diesel	599.8164494	0	112.2195048	0		

Statewide Totals	2026	Industrial - Other (	Aggregate	Aggregate	Diesel	6184453.693	3864525.945	4483.431042	340804255.4	1.600314	0.018
Statewide Totals	2026	Industrial - Other I	Aggregate	Aggregate	Diesel	3625960.443	1056288.227	1348.613668	176935009.4	3.432738	0.020
Statewide Totals	2026	Light Commercial ·	Aggregate	Aggregate	Diesel	997303.2789	899531.55	1286.389974	33282667.35	1.108692	0.030
Statewide Totals	2026	Light Commercial ·	Aggregate	Aggregate	Diesel	4637926.461	1810593.45	15793.45572	59749583.85	2.56155	0.078
Statewide Totals	2026	Light Commercial ·	Aggregate	Aggregate	Diesel	23346.7419	18166.05	471.2920599	690309.9	1.285185	0.034
Statewide Totals	2026	Light Commercial ·	Aggregate	Aggregate	Diesel	2564557.749	945061.65	8223.989557	34967281.05	2.713641	0.073
Statewide Totals	2026	Light Commercial ·	Aggregate	Aggregate	Diesel	5162769.65	3546916.7	9368.414343	163158168.2	1.455566	0.032
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	3307130.32	576359.5802	1551.315831	127388842.9	5.737964	0.026
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	7820247.57	2271221.769	4667.000438	524891458.6	3.44319	0.015
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	19320335.92	4102456.263	8596.548768	870457060.5	4.709456	0.022
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	34814646.62	11110459.73	16708.4812	1751896502	3.133502	0.020
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	13059315.07	3282208.571	5401.556653	616749531.4	3.978819	0.021
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	758.587349	0	123.961823	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	1100.14937	0	850.6099216	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	42649.04832	30678.25	78.05279301	1012382.25	1.390205	0.042
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	88.92442892	0	35.94272223	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	634.0268403	0	56.35999945	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	2364.207935	0	543.0883619	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	167.4555323	0	22.29999979	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	283.3169202	0	55.21282337	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	791.7547645	0	492.1600238	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	4859.717018	0	1489.108441	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	116.3656244	0	14.65313171	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	30878.87223	11052.2	4323.773974	408931.4	2.793912	0.076
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	32460.25217	0	5755.753654	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	3035.161674	0	414.3733792	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	4086.590141	0	644.496782	0		
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	7361077.343	2604573.881	3803.634257	322657338.5	2.826212	0.023
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	44263137.06	5543673.984	3981.001259	2244705589	7.984441	0.020
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	9863433.234	2648512.333	5756.449258	455969153.6	3.724141	0.022
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	2321214.687	832214.6987	2043.060254	107739998.1	2.789202	0.022
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	1350009.872	555456.1702	1157.583808	73083178.81	2.430453	0.018
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	6018428.024	3774678.173	10650.36894	303343693.5	1.594421	0.020
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	6534190.637	3120582.588	10729.44888	313540146.6	2.093901	0.021
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	3852616.082	752748.0035	948.6173805	186785873.2	5.118069	0.021
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	53197376.63	14058412.06	13906.03925	2847793548	3.784025	0.019
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	34589114.38	3771967.635	7813.075779	1384090348	9.170045	0.025
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	6332806.952	4992189.324	13913.55603	326502880.6	1.268543	0.019
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	728365.7535	177106.5618	638.9261279	46649641.53	4.112585	0.016
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	48537209.51	25874422.53	41966.35693	2533352509	1.875876	0.019
Statewide Totals	2027	Construction and I	Aggregate	Aggregate	Diesel	1999877.347	942248.7588	2521.127333	74126913.89	2.122452	0.027
Statewide Totals	2027	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3076240.374	2960936.549	9456.332792	186202203.2	1.038942	0.017
Statewide Totals	2027	Industrial - Forklift	Aggregate	Aggregate	Diesel	12952213.24	13857160.08	17739.47809	1240248828	0.934695	0.010
Statewide Totals	2027	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2896.376466	0	1350.448332	0		
Statewide Totals	2027	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2262.102368	0	277.9955195	0		
Statewide Totals	2027	Industrial - Misc - '	Aggregate	Aggregate	Diesel	600.8813206	0	112.4278122	0		
Statewide Totals	2027	Industrial - Other (	Aggregate	Aggregate	Diesel	6255547.371	3908950.784	4516.0533	344721589.7	1.600314	0.018
Statewide Totals	2027	Industrial - Other I	Aggregate	Aggregate	Diesel	3667642.841	1068430.837	1358.426426	178948665.3	3.432738	0.020

Statewide Totals	2027	Light Commercial	Aggregate	Aggregate	Diesel	1001549.887	903637.8	1292.449793	33434598.6	1.108353	0.030
Statewide Totals	2027	Light Commercial	Aggregate	Aggregate	Diesel	4658608.93	1818911.8	15866.94961	60024089.4	2.561207	0.078
Statewide Totals	2027	Light Commercial	Aggregate	Aggregate	Diesel	23496.02784	18239.05	473.361978	693083.9	1.288227	0.034
Statewide Totals	2027	Light Commercial	Aggregate	Aggregate	Diesel	2575828.662	949423.4	8261.736128	35128665.8	2.713045	0.073
Statewide Totals	2027	Light Commercial	Aggregate	Aggregate	Diesel	5185175.85	3563290.6	9412.182226	163911367.6	1.455165	0.032
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	3343238	582918.4057	1562.462994	128889312.8	5.735345	0.026
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	7910789.027	2296851.309	4700.535718	530832280.6	3.444189	0.015
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	19541143.38	4148973.461	8658.320279	880350826.2	4.709874	0.022
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	35198101.18	11236635.36	16828.54195	1771151838	3.132441	0.020
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	13214606.42	3319454.851	5440.370174	624129701	3.980957	0.021
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	772.1890053	0	126.180007	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	1114.075474	0	861.4500147	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	43165.14576	31068.8	79.11550909	1025270.4	1.389341	0.042
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	89.97606102	0	36.36778534	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	641.5640814	0	57.0300012	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	2397.022307	0	550.6245013	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	169.2577505	0	22.54000047	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	286.5108571	0	55.83525797	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	802.0024026	0	498.5300308	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	4924.479899	0	1508.624078	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	116.9169979	0	14.7225621	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	31300.11594	11176.3	4379.044134	413523.1	2.800579	0.076
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	32792.79571	0	5815.040882	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	3075.587136	0	419.8924391	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	4132.24004	0	651.3680249	0		
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	7448166.032	2634170.835	3830.965718	326327690.1	2.827518	0.023
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	44768333.11	5606617.501	4009.607211	2271853368	7.984909	0.020
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	9975678.72	2678735.137	5797.8129	461021501.6	3.724026	0.022
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	2347177.449	841672.7365	2057.740903	108942907.6	2.788706	0.022
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	1365399.315	561742.8056	1165.901763	73929550.44	2.430649	0.018
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	6086726.652	3817527.137	10726.89841	306708003.6	1.594416	0.020
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	6608685.141	3156669.821	10806.5466	317177532.8	2.093562	0.021
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	3895693.855	761253.6287	955.4337822	188781543.6	5.117472	0.021
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	53782000.45	14217999.98	14005.96273	2879015690	3.78267	0.019
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	34992812.95	3814922.202	7869.217554	1400499065	9.172615	0.025
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	6404801.099	5048872.625	14013.53353	330242642.7	1.268561	0.019
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	735895.7055	179099.9796	643.5172067	47158614.71	4.108854	0.016
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	49107648.73	26169178.09	42267.91113	2563347597	1.876545	0.019
Statewide Totals	2028	Construction and I	Aggregate	Aggregate	Diesel	2022732.507	952908.2947	2539.24319	74959826.24	2.122694	0.027
Statewide Totals	2028	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3111201.542	2994587.3	9524.282383	188319222.2	1.038942	0.017
Statewide Totals	2028	Industrial - Forklift	Aggregate	Aggregate	Diesel	13099413.87	14014645.34	17866.9472	1254452938	0.934695	0.010
Statewide Totals	2028	Industrial - Misc - /	Aggregate	Aggregate	Diesel	2918.676424	0	1360.940268	0		
Statewide Totals	2028	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2284.59333	0	280.7752163	0		
Statewide Totals	2028	Industrial - Misc - !	Aggregate	Aggregate	Diesel	605.9954558	0	113.4021926	0		
Statewide Totals	2028	Industrial - Other (	Aggregate	Aggregate	Diesel	6326641.048	3953375.623	4548.503932	348654309.2	1.600314	0.018
Statewide Totals	2028	Industrial - Other I	Aggregate	Aggregate	Diesel	3709325.239	1080573.448	1368.187558	181009884.1	3.432738	0.020
Statewide Totals	2028	Light Commercial	Aggregate	Aggregate	Diesel	1005974.088	907879.1	1298.359582	33591526.7	1.108049	0.030
Statewide Totals	2028	Light Commercial	Aggregate	Aggregate	Diesel	4679834.964	1827569.6	15941.45433	60309796.8	2.560688	0.078

Statewide Totals	2028	Light Commercial	Aggregate	Aggregate	Diesel	23631.11685	18396	475.5416068	699048	1.284579	0.034
Statewide Totals	2028	Light Commercial	Aggregate	Aggregate	Diesel	2587549.246	953978.6	8300.873326	35297208.2	2.712377	0.073
Statewide Totals	2028	Light Commercial	Aggregate	Aggregate	Diesel	5208376.954	3580062.35	9456.660182	164682868.1	1.454829	0.032
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	3382726.254	589448.0068	1573.552121	130332106.7	5.738803	0.026
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	7999152.747	2322767.955	4733.896406	536817924.3	3.443802	0.015
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	19755252.3	4195602.057	8719.770196	889986264.7	4.708562	0.022
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	35593489.29	11362909.38	16947.97765	1790897466	3.132427	0.020
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	13371472.06	3356785.333	5478.981623	631454326	3.983416	0.021
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	782.9551658	0	127.9049348	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	1128.159079	0	872.3099393	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	43724.64613	31455.7	79.94518105	1038038.1	1.390039	0.042
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	91.12349776	0	36.83157244	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	650.2262252	0	57.79999666	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	2429.940138	0	558.1848277	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	171.5855932	0	22.84999868	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	289.8590343	0	56.48775197	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	812.0086805	0	504.7499905	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	4986.125717	0	1527.337001	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	117.7426388	0	14.82652957	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	31695.85759	11362.45	4434.401002	420410.65	2.789527	0.075
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	33138.34786	0	5876.504363	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	3115.975573	0	425.4064435	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	4172.66965	0	657.6475452	0		
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	7532936.655	2663729.565	3858.154886	330242745.5	2.827966	0.023
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	45281300.82	5669652.256	4038.064235	2297057125	7.98661	0.020
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	10090789.09	2708780.187	5838.961195	466489469.5	3.725215	0.022
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	2372654.916	851121.3441	2072.345122	110178496.3	2.787681	0.022
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	1380829.789	568089.1112	1174.176412	74739337.19	2.430657	0.018
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	6154843.362	3860439.001	10803.02946	310114102.1	1.594338	0.020
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	6683232.87	3191297.886	10883.24293	320686124.7	2.094205	0.021
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	3936100.46	769844.8965	962.2146963	190853130.5	5.112849	0.021
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	54370163.85	14377793.46	14105.36599	2911559425	3.781537	0.019
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	35386937.5	3857581.974	7925.067042	1416427713	9.173347	0.025
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	6480488.322	5105535.109	14112.99051	333964867.2	1.269306	0.019
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	743830.6555	181089.3983	648.0843834	47666893.56	4.107533	0.016
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	49669402.43	26462977.66	42567.89536	2592935509	1.876939	0.019
Statewide Totals	2029	Construction and I	Aggregate	Aggregate	Diesel	2044105.616	963577.0578	2557.264732	75760883.93	2.121372	0.027
Statewide Totals	2029	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3146162.71	3028238.051	9591.878214	190429997.5	1.038942	0.017
Statewide Totals	2029	Industrial - Forklift	Aggregate	Aggregate	Diesel	13246614.49	14172130.59	17993.75267	1268463472	0.934695	0.010
Statewide Totals	2029	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2944.008798	0	1372.803537	0		
Statewide Totals	2029	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2311.787373	0	283.8880525	0		
Statewide Totals	2029	Industrial - Misc - ;	Aggregate	Aggregate	Diesel	609.2555618	0	114.0612358	0		
Statewide Totals	2029	Industrial - Other (	Aggregate	Aggregate	Diesel	6397734.725	3997800.462	4580.785619	352580041.5	1.600314	0.018
Statewide Totals	2029	Industrial - Other I	Aggregate	Aggregate	Diesel	3751007.638	1092716.059	1377.897873	183026218.7	3.432738	0.020
Statewide Totals	2029	Light Commercial	Aggregate	Aggregate	Diesel	1010692.731	912346.7	1305.019677	33756827.9	1.107795	0.030
Statewide Totals	2029	Light Commercial	Aggregate	Aggregate	Diesel	4702048.986	1836493.85	16019.18886	60604297.05	2.56034	0.078
Statewide Totals	2029	Light Commercial	Aggregate	Aggregate	Diesel	23715.29755	18472.65	477.5416428	701960.7	1.283806	0.034
Statewide Totals	2029	Light Commercial	Aggregate	Aggregate	Diesel	2599705.13	958621.4	8341.530152	35468991.8	2.711921	0.073

Statewide Totals	2029	Light Commercial	Aggregate	Aggregate	Diesel	5232572.622	3597520.3	9502.588016	165485933.8	1.454494	0.032
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	3420316.192	595998.1419	1584.584112	131780398.8	5.738803	0.026
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	8088041.894	2348579.296	4767.085202	542783217	3.443802	0.015
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	19974778.99	4242224.931	8780.903487	899876077.2	4.708562	0.022
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	35989015.55	11489177.67	17066.79794	1810798492	3.132427	0.020
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	13520060.14	3394087.007	5517.394124	638471248.7	3.983416	0.021
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	791.8007351	0	129.3253088	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	1142.405398	0	883.3500073	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	44251.88733	31875.45	80.94842078	1051889.85	1.388275	0.042
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	92.28579871	0	37.30136776	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	657.5384777	0	58.44999908	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	2463.138705	0	565.8068913	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	174.1387338	0	23.18999963	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	293.480886	0	57.19357797	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	822.0954045	0	511.0199694	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	5046.781274	0	1545.800142	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	118.4116864	0	14.91077814	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	32095.08238	11504.8	4489.749799	425677.6	2.789712	0.075
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	33480.14293	0	5937.177268	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	3156.577237	0	430.9495554	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	4208.921191	0	663.1713969	0		
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	7616645.06	2693329.781	3885.20396	333912508.7	2.827966	0.023
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	45784481.14	5732655.248	4066.374632	2322582760	7.98661	0.020
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	10202921.17	2738881.02	5879.897471	471673249.9	3.725215	0.022
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	2399020.617	860579.2771	2086.874092	111402835	2.787681	0.022
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	1396174.012	574401.8993	1182.408426	75569864.64	2.430657	0.018
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	6223237.952	3903337.436	10878.76824	313560189.4	1.594338	0.020
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	6757499.094	3226760.61	10959.54407	324249691.6	2.094205	0.021
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	3979839.669	778399.6596	968.9606713	192973951.6	5.112849	0.021
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	54974342.53	14537564.1	14204.25707	2943913605	3.781537	0.019
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	35780168.49	3900448.661	7980.628763	1432167512	9.173347	0.025
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	6552501.584	5162269.45	14211.93504	337675991.8	1.269306	0.019
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	752096.3399	183101.7217	652.6280274	48196583.35	4.107533	0.016
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	50221344.74	26757042.74	42866.33391	2621749039	1.876939	0.019
Statewide Totals	2030	Construction and	Aggregate	Aggregate	Diesel	2066820.373	974284.6347	2575.193416	76602763.14	2.121372	0.027
Statewide Totals	2030	Industrial - Aerial	Aggregate	Aggregate	Diesel	3181123.878	3061888.802	9659.125754	192546116.6	1.038942	0.017
Statewide Totals	2030	Industrial - Forklift	Aggregate	Aggregate	Diesel	13393815.11	14329615.84	18119.90477	1282559045	0.934695	0.010
Statewide Totals	2030	Industrial - Misc -	Aggregate	Aggregate	Diesel	2970.129104	0	1384.997413	0		
Statewide Totals	2030	Industrial - Misc -	Aggregate	Aggregate	Diesel	2333.308595	0	286.4299386	0		
Statewide Totals	2030	Industrial - Misc -	Aggregate	Aggregate	Diesel	612.4171377	0	114.6332109	0		
Statewide Totals	2030	Industrial - Other	Aggregate	Aggregate	Diesel	6468828.403	4042225.301	4612.900972	356498023.9	1.600314	0.018
Statewide Totals	2030	Industrial - Other	Aggregate	Aggregate	Diesel	3792690.036	1104858.67	1387.558154	185060064.7	3.432738	0.020
Statewide Totals	2030	Light Commercial	Aggregate	Aggregate	Diesel	1015599.13	916931.1	1311.489405	33926450.7	1.107607	0.030
Statewide Totals	2030	Light Commercial	Aggregate	Aggregate	Diesel	4725348.491	1845775.8	16100.07286	60910601.4	2.560088	0.078
Statewide Totals	2030	Light Commercial	Aggregate	Aggregate	Diesel	23914.59433	18585.8	480.211166	706260.4	1.286713	0.034
Statewide Totals	2030	Light Commercial	Aggregate	Aggregate	Diesel	2612616.092	963516.05	8383.586917	35650093.85	2.711544	0.073
Statewide Totals	2030	Light Commercial	Aggregate	Aggregate	Diesel	5257990.842	3615686.35	9550.626103	166321572.1	1.454217	0.032
Statewide Totals	2031	Construction and	Aggregate	Aggregate	Diesel	3457906.129	602548.2769	1595.559839	133228691	5.738803	0.026

Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	8176931.042	2374390.638	4800.104735	548748509.7	3.443802	0.015
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	20194305.68	4288847.804	8841.724999	909765889.6	4.708562	0.022
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	36384541.8	11615445.96	17185.01225	1830699519	3.132427	0.020
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	13668648.22	3431388.681	5555.610721	645488171.4	3.983416	0.021
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	798.84842	0	130.4569851	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	1156.482718	0	894.2399812	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	44767.99162	32309.8	82.05256932	1066223.4	1.385586	0.042
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	93.49802122	0	37.79134038	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	666.988148	0	59.29000089	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	2495.465873	0	573.2335371	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	176.1662295	0	23.46000035	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	297.0300556	0	57.88524107	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	832.262644	0	517.3400012	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	5106.580244	0	1564.014771	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	119.3884571	0	15.03377613	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	32491.12331	11643.5	4545.120774	430809.5	2.790495	0.075
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	33818.26469	0	5997.137806	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	3197.346571	0	436.5155688	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	4240.409672	0	668.337712	0		
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	7700353.465	2722929.997	3912.115083	337582271.8	2.827966	0.023
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	46287661.46	5795658.24	4094.540647	2348108394	7.98661	0.020
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	10315053.25	2768981.853	5920.624972	476857030.3	3.725215	0.022
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	2425386.319	870037.21	2101.328965	112627173.7	2.787681	0.022
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	1411518.235	580714.6875	1190.598457	76400392.09	2.430657	0.018
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	6291632.543	3946235.87	10954.12075	317006276.6	1.594338	0.020
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	6831765.318	3262223.334	11035.45609	327813258.6	2.094205	0.021
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	4023578.878	786954.4226	975.6722418	195094772.8	5.112849	0.021
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	55578521.2	14697334.75	14302.6438	2976267786	3.781537	0.019
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	36173399.47	3943315.347	8035.907118	1447907310	9.173347	0.025
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	6624514.846	5219003.792	14310.37496	341387116.3	1.269306	0.019
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	760362.0244	185114.0451	657.1484988	48726273.14	4.107533	0.016
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	50773287.05	27051107.83	43163.25042	2650562569	1.876939	0.019
Statewide Totals	2031	Construction and I	Aggregate	Aggregate	Diesel	2089535.129	984992.2116	2593.030665	77444642.35	2.121372	0.027
Statewide Totals	2031	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3216085.045	3095539.553	9726.03033	194662235.8	1.038942	0.017
Statewide Totals	2031	Industrial - Forklift	Aggregate	Aggregate	Diesel	13541015.73	14487101.1	18245.4135	1296654617	0.934695	0.010
Statewide Totals	2031	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	2994.161606	0	1396.203355	0		
Statewide Totals	2031	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2352.166348	0	288.6851504	0		
Statewide Totals	2031	Industrial - Misc - !	Aggregate	Aggregate	Diesel	615.2121108	0	115.1077725	0		
Statewide Totals	2031	Industrial - Other (	Aggregate	Aggregate	Diesel	6539922.08	4086650.141	4644.852538	360416006.2	1.600314	0.018
Statewide Totals	2031	Industrial - Other I	Aggregate	Aggregate	Diesel	3834372.434	1117001.281	1397.169168	187093910.7	3.432738	0.020
Statewide Totals	2031	Light Commercial ·	Aggregate	Aggregate	Diesel	1020740.046	921741.8	1318.159338	34104446.6	1.107403	0.030
Statewide Totals	2031	Light Commercial ·	Aggregate	Aggregate	Diesel	4749890.542	1855411.8	16185.07677	61228589.4	2.56002	0.078
Statewide Totals	2031	Light Commercial ·	Aggregate	Aggregate	Diesel	24022.95235	18695.3	482.7610991	710421.4	1.284973	0.034
Statewide Totals	2031	Light Commercial ·	Aggregate	Aggregate	Diesel	2626132.683	968531.15	8427.893429	35835652.55	2.711459	0.073
Statewide Totals	2031	Light Commercial ·	Aggregate	Aggregate	Diesel	5285084.479	3634768.55	9600.323764	167199353.3	1.454036	0.032
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	3495496.067	609098.412	1606.480155	134676983.1	5.738803	0.026
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	8265820.189	2400201.979	4832.957568	554713802.4	3.443802	0.015
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	20413832.37	4335470.678	8902.239453	919655702	4.708562	0.022

Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	36780068.05	11741714.24	17302.62976	1850600545	3.132427	0.020
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	13817236.3	3468690.354	5593.634381	652505094.2	3.983416	0.021
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	805.9184327	0	131.5885519	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	1170.563984	0	905.1299823	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	45360.58886	32674.8	82.90387103	1078268.4	1.388244	0.042
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	94.65030462	0	38.25708651	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	675.3128397	0	60.02999985	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	2528.019081	0	580.7097372	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	178.7944508	0	23.80999994	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	300.5273055	0	58.56678493	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	842.4298276	0	523.6599953	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	5165.516182	0	1581.928462	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	120.6499595	0	15.19262839	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	32901.31604	11811.4	4600.505721	437021.8	2.785556	0.075
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	34155.82168	0	6056.998267	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	3236.667964	0	441.8838887	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	4272.868776	0	673.5320299	0		
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	7784061.87	2752530.213	3938.890346	341252035	2.827966	0.023
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	46790841.78	5858661.231	4122.564465	2373634029	7.98661	0.020
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	10427185.33	2799082.686	5961.14686	482040810.7	3.725215	0.022
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	2451752.02	879495.143	2115.710861	113851512.5	2.787681	0.022
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	1426862.458	587027.4756	1198.74714	77230919.55	2.430657	0.018
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	6360027.134	3989134.305	11029.09285	320452363.8	1.594338	0.020
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	6906031.542	3297686.058	11110.98485	331376825.5	2.094205	0.021
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	4067318.087	795509.1857	982.3499289	197215593.9	5.112849	0.021
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	56182699.88	14857105.39	14400.53382	3008621967	3.781537	0.019
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	36566630.45	3986182.033	8090.906401	1463647109	9.173347	0.025
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	6696528.108	5275738.133	14408.3179	345098240.9	1.269306	0.019
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	768627.7089	187126.3685	661.6461486	49255962.93	4.107533	0.016
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	51325229.35	27345172.91	43458.66795	2679376099	1.876939	0.019
Statewide Totals	2032	Construction and I	Aggregate	Aggregate	Diesel	2112249.885	995699.7885	2610.777862	78286521.55	2.121372	0.027
Statewide Totals	2032	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3251046.213	3129190.305	9792.597139	196778354.9	1.038942	0.017
Statewide Totals	2032	Industrial - Forklift	Aggregate	Aggregate	Diesel	13688216.36	14644586.35	18370.28859	1310750190	0.934695	0.010
Statewide Totals	2032	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3017.575588	0	1407.121072	0		
Statewide Totals	2032	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2369.804652	0	290.7897072	0		
Statewide Totals	2032	Industrial - Misc - !	Aggregate	Aggregate	Diesel	620.2055733	0	116.0548633	0		
Statewide Totals	2032	Industrial - Other (	Aggregate	Aggregate	Diesel	6611015.758	4131074.98	4676.642795	364333988.6	1.600314	0.018
Statewide Totals	2032	Industrial - Other I	Aggregate	Aggregate	Diesel	3876054.832	1129143.892	1406.73166	189127756.6	3.432738	0.020
Statewide Totals	2032	Light Commercial ·	Aggregate	Aggregate	Diesel	1026321.963	926972.25	1325.589322	34297973.25	1.107177	0.030
Statewide Totals	2032	Light Commercial ·	Aggregate	Aggregate	Diesel	4776103.739	1865836.2	16274.68997	61572594.6	2.559766	0.078
Statewide Totals	2032	Light Commercial ·	Aggregate	Aggregate	Diesel	24117.79503	18830.35	485.4608786	715553.3	1.280794	0.034
Statewide Totals	2032	Light Commercial ·	Aggregate	Aggregate	Diesel	2640569.062	973998.85	8474.439687	36037957.45	2.71106	0.073
Statewide Totals	2032	Light Commercial ·	Aggregate	Aggregate	Diesel	5314081.642	3654996.85	9654.501371	168129855.1	1.453922	0.032
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	3533086.004	615648.547	1617.345891	136125275.2	5.738803	0.026
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	8354709.336	2426013.321	4865.646201	560679095.1	3.443802	0.015
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	20633359.06	4382093.552	8962.451453	929545514.4	4.708562	0.022
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	37175594.31	11867982.53	17419.6594	1870501571	3.132427	0.020
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	13965824.38	3505992.028	5631.467998	659522016.9	3.983416	0.021

Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	812.9750766	0	132.7578952	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	1184.695378	0	915.98995	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	45858.45467	33058.05	83.93042853	1090915.65	1.38721	0.042
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	95.70537301	0	38.68353887	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	683.3000519	0	60.74000087	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	2560.082761	0	588.0755953	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	181.347588	0	24.15000035	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	303.9317451	0	59.23024236	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	852.5327349	0	529.9400264	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	5223.731452	0	1599.805744	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	122.1826813	0	15.38563393	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	33282.67339	11957.4	4655.917571	442423.8	2.783437	0.075
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	34500.73575	0	6118.163351	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	3277.709449	0	447.4870512	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	4304.391854	0	679.0512508	0		
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	7867770.274	2782130.429	3965.531785	344921798.2	2.827966	0.023
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	47294022.1	5921664.223	4150.448218	2399159663	7.98661	0.020
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	10539317.41	2829183.519	6001.466217	487224591.1	3.725215	0.022
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	2478117.721	888953.076	2130.020877	115075851.2	2.787681	0.022
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	1442206.681	593340.2638	1206.855096	78061447	2.430657	0.018
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	6428421.725	4032032.74	11103.69023	323898451.1	1.594338	0.020
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	6980297.766	3333148.783	11186.13613	334940392.4	2.094205	0.021
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	4111057.296	804063.9487	988.9942407	199336415	5.112849	0.021
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	56786878.55	15016876.04	14497.93459	3040976148	3.781537	0.019
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	36959861.44	4029048.72	8145.630795	1479386907	9.173347	0.025
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	6768541.37	5332472.474	14505.77131	348809365.5	1.269306	0.019
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	776893.3934	189138.6919	666.121319	49785652.71	4.107533	0.016
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	51877171.66	27639237.99	43752.60897	2708189629	1.876939	0.019
Statewide Totals	2033	Construction and I	Aggregate	Aggregate	Diesel	2134964.641	1006407.365	2628.436358	79128400.76	2.121372	0.027
Statewide Totals	2033	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3286007.381	3162841.056	9858.831244	198894474	1.038942	0.017
Statewide Totals	2033	Industrial - Forklift	Aggregate	Aggregate	Diesel	13835416.98	14802071.61	18494.53955	1324845762	0.934695	0.010
Statewide Totals	2033	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3038.689939	0	1416.966992	0		
Statewide Totals	2033	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2390.536917	0	293.2440121	0		
Statewide Totals	2033	Industrial - Misc - '	Aggregate	Aggregate	Diesel	628.7189227	0	117.696521	0		
Statewide Totals	2033	Industrial - Other (	Aggregate	Aggregate	Diesel	6682109.435	4175499.819	4708.274164	368251970.9	1.600314	0.018
Statewide Totals	2033	Industrial - Other I	Aggregate	Aggregate	Diesel	3917737.231	1141286.502	1416.246359	191161602.6	3.432738	0.020
Statewide Totals	2033	Light Commercial ·	Aggregate	Aggregate	Diesel	1032539.794	932447.25	1333.679206	34500548.25	1.107344	0.030
Statewide Totals	2033	Light Commercial ·	Aggregate	Aggregate	Diesel	4804474.646	1877016.15	16372.19319	61941532.95	2.559634	0.078
Statewide Totals	2033	Light Commercial ·	Aggregate	Aggregate	Diesel	24311.98071	18910.65	488.3606073	718604.7	1.285624	0.034
Statewide Totals	2033	Light Commercial ·	Aggregate	Aggregate	Diesel	2656279.044	979809.65	8525.405799	36252957.05	2.711015	0.073
Statewide Totals	2033	Light Commercial ·	Aggregate	Aggregate	Diesel	5345437.357	3676915.1	9711.768516	169138094.6	1.453783	0.032
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	3570675.942	622198.6821	1628.157857	137573567.3	5.738803	0.026
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	8443598.484	2451824.662	4898.173073	566644387.8	3.443802	0.015
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	20852885.75	4428716.426	9022.36549	939435326.9	4.708562	0.022
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	37571120.56	11994250.82	17536.10992	1890402597	3.132427	0.020
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	14114412.46	3543293.702	5669.114392	666538939.6	3.983416	0.021
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	820.8607868	0	134.0518467	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	1199.036696	0	927.0399718	0		

Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	46414.84893	33466.85	84.9538501	1104406.05	1.38689	0.042
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	96.83591191	0	39.14049583	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	690.4997679	0	61.37999789	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	2593.460439	0	595.7408019	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	183.1497916	0	24.38999916	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	307.5446227	0	59.93431972	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	862.8929675	0	536.3800094	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	5282.120095	0	1617.7853	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	123.7801719	0	15.58679501	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	33725.64867	12088.8	4711.259127	447285.6	2.789826	0.075
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	34845.58004	0	6179.31609	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	3318.270364	0	453.0246069	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	4342.065594	0	685.4335705	0		
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	7951478.679	2811730.645	3992.041386	348591561.3	2.827966	0.023
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	47797202.41	5984667.215	4178.193987	2424685298	7.98661	0.020
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	10651449.49	2859284.352	6041.586052	492408371.4	3.725215	0.022
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	2504483.423	898411.009	2144.260078	116300189.9	2.787681	0.022
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	1457550.903	599653.0519	1214.922928	78891974.45	2.430657	0.018
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	6496816.315	4074931.174	11177.91846	327344538.3	1.594338	0.020
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	7054563.991	3368611.507	11260.91551	338503959.3	2.094205	0.021
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	4154796.505	812618.7118	995.6056726	201457236.1	5.112849	0.021
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	57391057.23	15176646.69	14594.85336	3073330329	3.781537	0.019
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	37353092.42	4071915.406	8200.084381	1495126705	9.173347	0.025
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	6840554.632	5389206.816	14602.74247	352520490	1.269306	0.019
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	785159.0779	191151.0153	670.5743436	50315342.5	4.107533	0.016
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	52429113.97	27933303.08	44045.0954	2737003159	1.876939	0.019
Statewide Totals	2034	Construction and I	Aggregate	Aggregate	Diesel	2157679.398	1017114.942	2646.007469	79970279.97	2.121372	0.027
Statewide Totals	2034	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3320968.548	3196491.807	9924.737584	201010593.1	1.038942	0.017
Statewide Totals	2034	Industrial - Forklift	Aggregate	Aggregate	Diesel	13982617.6	14959556.86	18618.17565	1338941334	0.934695	0.010
Statewide Totals	2034	Industrial - Misc - /	Aggregate	Aggregate	Diesel	3055.264661	0	1424.698012	0		
Statewide Totals	2034	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2410.365988	0	295.6728208	0		
Statewide Totals	2034	Industrial - Misc - !	Aggregate	Aggregate	Diesel	651.2499196	0	122.0488805	0		
Statewide Totals	2034	Industrial - Other (	Aggregate	Aggregate	Diesel	6753203.112	4219924.658	4739.749002	372169953.3	1.600314	0.018
Statewide Totals	2034	Industrial - Other I	Aggregate	Aggregate	Diesel	3959419.629	1153429.113	1425.713974	193195448.6	3.432738	0.020
Statewide Totals	2034	Light Commercial ·	Aggregate	Aggregate	Diesel	1038649.146	938071.9	1341.919016	34708660.3	1.107217	0.030
Statewide Totals	2034	Light Commercial ·	Aggregate	Aggregate	Diesel	4833801.365	1888535.55	16472.96591	62321673.15	2.55955	0.078
Statewide Totals	2034	Light Commercial ·	Aggregate	Aggregate	Diesel	24467.99237	19031.1	491.3003579	723181.8	1.285685	0.034
Statewide Totals	2034	Light Commercial ·	Aggregate	Aggregate	Diesel	2672495.295	985843.1	8577.68135	36476194.7	2.710873	0.073
Statewide Totals	2034	Light Commercial ·	Aggregate	Aggregate	Diesel	5378132.249	3699424.65	9771.355997	170173533.9	1.453775	0.032
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	3608265.88	628748.8171	1638.916844	139021859.4	5.738803	0.026
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	8532487.631	2477636.003	4930.54056	572609680.5	3.443802	0.015
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	21072412.45	4475339.3	9081.985944	949325139.3	4.708562	0.022
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	37966646.81	12120519.11	17651.98982	1910303624	3.132427	0.020
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	14263000.54	3580595.376	5706.576316	673555862.3	3.983416	0.021
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	829.3511385	0	135.4575918	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	1212.731475	0	937.7199558	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	46964.20282	33857.4	86.05156978	1117294.2	1.387118	0.042
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	98.00590301	0	39.6133995	0		

Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	698.4869719	0	62.08999818	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	2626.443608	0	603.3144556	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	185.2523731	0	24.66999928	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	310.9452589	0	60.59703609	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	872.9153134	0	542.6099718	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	5339.258929	0	1635.509687	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	125.7585734	0	15.83592137	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	34070.41962	12260.35	4766.65087	453632.95	2.778911	0.075
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	35193.78742	0	6241.065206	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	3357.606904	0	458.3949963	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	4383.810785	0	692.239993	0		
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	8035187.084	2841330.861	4018.421089	352261324.5	2.827966	0.023
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	48300382.73	6047670.207	4205.8038	2450210932	7.98661	0.020
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	10763581.57	2889385.185	6081.509296	497592151.8	3.725215	0.022
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	2530849.124	907868.9419	2158.429506	117524528.7	2.787681	0.022
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	1472895.126	605965.8401	1222.951228	79722501.91	2.430657	0.018
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	6565210.906	4117829.609	11251.78296	330790625.5	1.594338	0.020
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	7128830.215	3404074.231	11335.32846	342067526.3	2.094205	0.021
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	4198535.714	821173.4749	1002.184708	203578057.2	5.112849	0.021
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	57995235.9	15336417.33	14691.29722	3105684510	3.781537	0.019
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	37746323.41	4114782.093	8254.271141	1510866504	9.173347	0.025
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	6912567.894	5445941.157	14699.23847	356231614.6	1.269306	0.019
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	793424.7623	193163.3387	675.0055481	50845032.29	4.107533	0.016
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	52981056.28	28227368.16	44336.14862	2765816688	1.876939	0.019
Statewide Totals	2035	Construction and I	Aggregate	Aggregate	Diesel	2180394.154	1027822.519	2663.49248	80812159.18	2.121372	0.027
Statewide Totals	2035	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3355929.716	3230142.558	9990.320979	203126712.3	1.038942	0.017
Statewide Totals	2035	Industrial - Forklift	Aggregate	Aggregate	Diesel	14129818.23	15117042.12	18741.20592	1353036907	0.934695	0.010
Statewide Totals	2035	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3075.435594	0	1434.105008	0		
Statewide Totals	2035	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2429.762084	0	298.0402175	0		
Statewide Totals	2035	Industrial - Misc - !	Aggregate	Aggregate	Diesel	666.1799464	0	124.8505554	0		
Statewide Totals	2035	Industrial - Other (	Aggregate	Aggregate	Diesel	6824296.79	4264349.497	4771.069612	376087935.6	1.600314	0.018
Statewide Totals	2035	Industrial - Other I	Aggregate	Aggregate	Diesel	4001102.027	1165571.724	1435.135196	195229294.5	3.432738	0.020
Statewide Totals	2035	Light Commercial ·	Aggregate	Aggregate	Diesel	1045250.989	943955.7	1350.51887	34926360.9	1.107309	0.030
Statewide Totals	2035	Light Commercial ·	Aggregate	Aggregate	Diesel	4863933.721	1900409	16575.86769	62713497	2.559414	0.078
Statewide Totals	2035	Light Commercial ·	Aggregate	Aggregate	Diesel	24650.20386	19115.05	494.3001462	726371.9	1.28957	0.034
Statewide Totals	2035	Light Commercial ·	Aggregate	Aggregate	Diesel	2689130.418	991934.95	8631.277297	36701593.15	2.710995	0.073
Statewide Totals	2035	Light Commercial ·	Aggregate	Aggregate	Diesel	5411645.003	3722656.9	9832.622868	171242217.4	1.453705	0.032
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	3645855.817	635298.9522	1649.623622	140470151.5	5.738803	0.026
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	8621376.778	2503447.345	4962.750983	578574973.3	3.443802	0.015
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	21291939.14	4521962.174	9141.317088	959214951.7	4.708562	0.022
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	38362173.06	12246787.4	17767.30741	1930204650	3.132427	0.020
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	14411588.62	3617897.049	5743.856456	680572785	3.983416	0.021
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	837.0238327	0	136.722669	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	1226.856244	0	948.6100276	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	47531.62899	34266.2	87.07212368	1130784.6	1.387129	0.042
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	98.99263655	0	40.0122312	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	707.7116462	0	62.90999973	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	2658.948063	0	610.7811417	0		

Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	187.6553263	0	24.98999989	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	314.1873857	0	61.22886284	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	883.0825402	0	548.9299807	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	5397.123078	0	1653.419969	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	128.6990374	0	16.20619392	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	34495.11673	12395.4	4821.89274	458629.8	2.782897	0.075
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	35546.46395	0	6303.606774	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	3398.752875	0	464.0124247	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	4427.792808	0	699.2637437	0		
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	8118895.489	2870931.077	4044.672783	355931087.6	2.827966	0.023
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	48803563.05	6110673.199	4233.279635	2475736567	7.98661	0.020
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	10875713.65	2919486.018	6121.238812	502775932.2	3.725215	0.022
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	2557214.825	917326.8749	2172.530176	118748867.4	2.787681	0.022
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	1488239.349	612278.6283	1230.940571	80553029.36	2.430657	0.018
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	6633605.497	4160728.043	11325.28904	334236712.7	1.594338	0.020
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	7203096.439	3439536.955	11409.38033	345631093.2	2.094205	0.021
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	4242274.923	829728.2379	1008.731818	205698878.3	5.112849	0.021
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	58599414.58	15496187.98	14787.27309	3138038691	3.781537	0.019
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	38139554.39	4157648.779	8308.194958	1526606302	9.173347	0.025
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	6984581.155	5502675.498	14795.26621	359942739.2	1.269306	0.019
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	801690.4468	195175.6621	679.4152501	51374722.08	4.107533	0.016
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	53532998.59	28521433.24	44625.7895	2794630218	1.876939	0.019
Statewide Totals	2036	Construction and I	Aggregate	Aggregate	Diesel	2203108.91	1038530.096	2680.892646	81654038.38	2.121372	0.027
Statewide Totals	2036	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3390890.884	3263793.309	10055.58613	205242831.4	1.038942	0.017
Statewide Totals	2036	Industrial - Forklift	Aggregate	Aggregate	Diesel	14277018.85	15274527.37	18863.63919	1367132479	0.934695	0.010
Statewide Totals	2036	Industrial - Misc - /	Aggregate	Aggregate	Diesel	3117.964053	0	1453.936262	0		
Statewide Totals	2036	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2467.570233	0	302.6492878	0		
Statewide Totals	2036	Industrial - Misc - !	Aggregate	Aggregate	Diesel	678.0458997	0	126.8943886	0		
Statewide Totals	2036	Industrial - Other (	Aggregate	Aggregate	Diesel	6895390.467	4308774.336	4802.238237	380005917.9	1.600314	0.018
Statewide Totals	2036	Industrial - Other I	Aggregate	Aggregate	Diesel	4042784.426	1177714.335	1444.510702	197263140.5	3.432738	0.020
Statewide Totals	2036	Light Commercial ·	Aggregate	Aggregate	Diesel	1051731.189	949949	1359.108814	35148113	1.107145	0.030
Statewide Totals	2036	Light Commercial ·	Aggregate	Aggregate	Diesel	4894670.067	1912413.85	16680.1606	63109657.05	2.55942	0.078
Statewide Totals	2036	Light Commercial ·	Aggregate	Aggregate	Diesel	24835.33303	19220.9	497.400014	730394.2	1.2921	0.034
Statewide Totals	2036	Light Commercial ·	Aggregate	Aggregate	Diesel	2706036.359	998202	8685.072807	36933474	2.710911	0.073
Statewide Totals	2036	Light Commercial ·	Aggregate	Aggregate	Diesel	5445816.372	3746181.15	9895.050567	172324332.9	1.453698	0.032
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	3683445.755	641849.0872	1660.278945	141918443.6	5.738803	0.026
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	8710265.926	2529258.686	4994.806607	584540266	3.443802	0.015
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	21511465.83	4568585.047	9200.363094	969104764.1	4.708562	0.022
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	38757699.32	12373055.69	17882.0708	1950105676	3.132427	0.020
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	14560176.7	3655198.723	5780.957431	687589707.7	3.983416	0.021
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	845.160921	0	138.0670206	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	1241.269962	0	959.6500394	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	48043.83113	34675	88.00353641	1144275	1.385547	0.042
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	100.2188769	0	40.50787065	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	716.5988694	0	63.70000265	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	2691.592474	0	618.278697	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	189.6828235	0	25.26000105	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	317.9534853	0	61.96280116	0		

Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	892.8798102	0	555.0200285	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	5457.429845	0	1671.976033	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	131.566367	0	16.56725767	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	34894.60869	12559.65	4877.334436	464707.05	2.778311	0.075
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	35902.42809	0	6366.731424	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	3440.028596	0	469.6475607	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	4474.062904	0	706.5831412	0		
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	8202603.894	2900531.293	4070.798315	359600850.8	2.827966	0.023
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	49306743.37	6173676.19	4260.623425	2501262201	7.98661	0.020
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	10987845.73	2949586.851	6160.777392	507959712.6	3.725215	0.022
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	2583580.527	926784.8079	2186.563081	119973206.2	2.787681	0.022
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	1503583.572	618591.4164	1238.891517	81383556.81	2.430657	0.018
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	6702000.088	4203626.478	11398.44186	337682800	1.594338	0.020
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	7277362.663	3474999.68	11483.07631	349194660.1	2.094205	0.021
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	4286014.132	838283.001	1015.247464	207819699.4	5.112849	0.021
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	59203593.25	15655958.62	14882.78771	3170392871	3.781537	0.019
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	38532785.37	4200515.466	8361.859624	1542346101	9.173347	0.025
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	7056594.417	5559409.84	14890.83246	363653863.7	1.269306	0.019
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	809956.1313	197187.9855	683.8037596	51904411.87	4.107533	0.016
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	54084940.9	28815498.33	44914.03841	2823443748	1.876939	0.019
Statewide Totals	2037	Construction and I	Aggregate	Aggregate	Diesel	2225823.667	1049237.673	2698.209188	82495917.59	2.121372	0.027
Statewide Totals	2037	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3425852.052	3297444.06	10120.53762	207358950.5	1.038942	0.017
Statewide Totals	2037	Industrial - Forklift	Aggregate	Aggregate	Diesel	14424219.47	15432012.62	18985.48405	1381228051	0.934695	0.010
Statewide Totals	2037	Industrial - Misc -	Aggregate	Aggregate	Diesel	3102.636548	0	1446.791447	0		
Statewide Totals	2037	Industrial - Misc -	Aggregate	Aggregate	Diesel	2464.11276	0	302.2190315	0		
Statewide Totals	2037	Industrial - Misc -	Aggregate	Aggregate	Diesel	673.6093836	0	126.0039701	0		
Statewide Totals	2037	Industrial - Other (	Aggregate	Aggregate	Diesel	6966484.144	4353199.176	4833.25707	383923900.3	1.600314	0.018
Statewide Totals	2037	Industrial - Other I	Aggregate	Aggregate	Diesel	4084466.824	1189856.946	1453.841151	199296986.5	3.432738	0.020
Statewide Totals	2037	Light Commercial	Aggregate	Aggregate	Diesel	1058551.46	956029.9	1367.888614	35373106.3	1.107237	0.030
Statewide Totals	2037	Light Commercial	Aggregate	Aggregate	Diesel	4925860.816	1924641.35	16787.26264	63513164.55	2.559366	0.078
Statewide Totals	2037	Light Commercial	Aggregate	Aggregate	Diesel	24983.42586	19341.35	500.5096345	734971.3	1.291711	0.034
Statewide Totals	2037	Light Commercial	Aggregate	Aggregate	Diesel	2723197.214	1004618.7	8740.328602	37170891.9	2.710677	0.073
Statewide Totals	2037	Light Commercial	Aggregate	Aggregate	Diesel	5480411.423	3770165.3	9958.307517	173427603.8	1.453626	0.032
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	3721035.692	648399.2222	1670.883548	143366735.8	5.738803	0.026
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	8799155.073	2555070.028	5026.709643	590505558.7	3.443802	0.015
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	21730992.52	4615207.921	9259.128033	978994576.5	4.708562	0.022
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	39153225.57	12499323.98	17996.28791	1970006702	3.132427	0.020
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	14708764.78	3692500.397	5817.881801	694606630.5	3.983416	0.021
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	853.5684251	0	139.4537413	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	1255.235126	0	970.4999404	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	48600.30572	35050.95	88.99375912	1156681.35	1.386562	0.042
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	101.3263817	0	40.95551709	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	724.1360365	0	64.36999887	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	2725.390011	0	626.0375249	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	191.9355779	0	25.55999955	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	322.1180362	0	62.77438837	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	903.1756576	0	561.419997	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	5518.151203	0	1690.601035	0		

Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	134.4540146	0	16.93087945	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	35301.45467	12698.35	4932.784984	469838.95	2.780003	0.075
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	36258.63981	0	6429.900059	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	3479.323544	0	475.0122733	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	4522.144431	0	714.079408	0		
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	8286312.298	2930131.509	4096.799486	363270614	2.827966	0.023
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	49809923.68	6236679.182	4287.837055	2526787836	7.98661	0.020
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	11099977.81	2979687.684	6200.127764	513143493	3.725215	0.022
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	2609946.228	936242.7409	2200.529187	121197544.9	2.787681	0.022
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	1518927.795	624904.2046	1246.804617	82214084.26	2.430657	0.018
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	6770394.678	4246524.913	11471.24645	341128887.2	1.594338	0.020
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	7351628.887	3510462.404	11556.42149	352758227.1	2.094205	0.021
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	4329753.341	846837.764	1021.732095	209940520.5	5.112849	0.021
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	59807771.93	15815729.27	14977.84767	3202747052	3.781537	0.019
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	38926016.36	4243382.152	8415.268839	1558085899	9.173347	0.025
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	7128607.679	5616144.181	14985.9438	367364988.3	1.269306	0.019
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	818221.8158	199200.3089	688.1713792	52434101.66	4.107533	0.016
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	54636883.2	29109563.41	45200.91521	2852257278	1.876939	0.019
Statewide Totals	2038	Construction and I	Aggregate	Aggregate	Diesel	2248538.423	1059945.25	2715.443301	83337796.8	2.121372	0.027
Statewide Totals	2038	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3460813.219	3331094.811	10185.17994	209475069.6	1.038942	0.017
Statewide Totals	2038	Industrial - Forklift	Aggregate	Aggregate	Diesel	14571420.09	15589497.88	19106.74892	1395323624	0.934695	0.010
Statewide Totals	2038	Industrial - Misc - /	Aggregate	Aggregate	Diesel	3146.408206	0	1467.200703	0		
Statewide Totals	2038	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2501.66634	0	306.7671987	0		
Statewide Totals	2038	Industrial - Misc - !	Aggregate	Aggregate	Diesel	683.1600041	0	127.8019249	0		
Statewide Totals	2038	Industrial - Other (	Aggregate	Aggregate	Diesel	7037577.822	4397624.015	4864.128249	387841882.6	1.600314	0.018
Statewide Totals	2038	Industrial - Other I	Aggregate	Aggregate	Diesel	4126149.222	1201999.557	1463.127185	201330832.4	3.432738	0.020
Statewide Totals	2038	Light Commercial ·	Aggregate	Aggregate	Diesel	1065053.496	962048.75	1376.44859	35595803.75	1.107068	0.030
Statewide Totals	2038	Light Commercial ·	Aggregate	Aggregate	Diesel	4956682.221	1936730.15	16892.23518	63912094.95	2.559305	0.078
Statewide Totals	2038	Light Commercial ·	Aggregate	Aggregate	Diesel	25112.78168	19443.55	503.8593723	738854.9	1.291574	0.034
Statewide Totals	2038	Light Commercial ·	Aggregate	Aggregate	Diesel	2740393.811	1010863.85	8795.724075	37401962.45	2.710943	0.073
Statewide Totals	2038	Light Commercial ·	Aggregate	Aggregate	Diesel	5514658.324	3793901.25	10020.59462	174519457.5	1.453559	0.032
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	3758625.63	654949.3573	1681.438147	144815027.9	5.738803	0.026
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	8888044.22	2580881.369	5058.462248	596470851.4	3.443802	0.015
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	21950519.21	4661830.795	9317.615882	988884389	4.708562	0.022
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	39548751.82	12625592.26	18109.96645	1989907729	3.132427	0.020
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	14857352.86	3729802.071	5854.632065	701623553.2	3.983416	0.021
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	863.4938034	0	141.0860388	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	1269.287449	0	981.3999748	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	49145.91562	35496.25	90.03182068	1171376.25	1.384538	0.042
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	102.5878664	0	41.4654019	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	732.3482668	0	65.10000075	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	2757.589145	0	633.4351724	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	194.1132558	0	25.85000031	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	325.7371402	0	63.47967929	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	913.439413	0	567.8000148	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	5579.604796	0	1709.457891	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	136.9437246	0	17.24439167	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	35693.7004	12844.35	4988.235315	475240.95	2.778942	0.075

Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	36612.35726	0	6492.626281	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	3519.991407	0	480.5644287	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	4572.781586	0	721.9444696	0		
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	8370020.703	2959731.725	4122.678056	366940377.1	2.827966	0.023
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	50313104	6299682.174	4314.922367	2552313470	7.98661	0.020
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	11212109.89	3009788.517	6239.29259	518327273.4	3.725215	0.022
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	2636311.929	945700.6739	2214.429439	122421883.6	2.787681	0.022
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	1534272.018	631216.9927	1254.680404	83044611.72	2.430657	0.018
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	6838789.269	4289423.347	11543.70776	344574974.4	1.594338	0.020
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	7425895.112	3545925.128	11629.42083	356321794	2.094205	0.021
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	4373492.55	855392.5271	1028.186149	212061341.7	5.112849	0.021
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	60411950.6	15975499.91	15072.45939	3235101233	3.781537	0.019
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	39319247.34	4286248.838	8468.426218	1573825697	9.173347	0.025
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	7200620.941	5672878.522	15080.60667	371076112.9	1.269306	0.019
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	826487.5003	201212.6323	692.5184045	52963791.44	4.107533	0.016
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	55188825.51	29403628.49	45486.43932	2881070808	1.876939	0.019
Statewide Totals	2039	Construction and I	Aggregate	Aggregate	Diesel	2271253.179	1070652.827	2732.596152	84179676.01	2.121372	0.027
Statewide Totals	2039	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3495774.387	3364745.562	10249.51745	211591188.8	1.038942	0.017
Statewide Totals	2039	Industrial - Forklift	Aggregate	Aggregate	Diesel	14718620.72	15746983.13	19227.442	1409419196	0.934695	0.010
Statewide Totals	2039	Industrial - Misc -	Aggregate	Aggregate	Diesel	3161.621889	0	1474.294309	0		
Statewide Totals	2039	Industrial - Misc -	Aggregate	Aggregate	Diesel	2519.154209	0	308.7657938	0		
Statewide Totals	2039	Industrial - Misc -	Aggregate	Aggregate	Diesel	687.3432231	0	128.5939515	0		
Statewide Totals	2039	Industrial - Other (	Aggregate	Aggregate	Diesel	7108671.499	4442048.854	4894.853864	391759865	1.600314	0.018
Statewide Totals	2039	Industrial - Other I	Aggregate	Aggregate	Diesel	4167831.62	1214142.167	1472.369433	203364678.4	3.432738	0.020
Statewide Totals	2039	Light Commercial	Aggregate	Aggregate	Diesel	1071569.527	967943.5	1384.538354	35813909.5	1.107058	0.030
Statewide Totals	2039	Light Commercial	Aggregate	Aggregate	Diesel	4986648.695	1948472.2	16994.33776	64299582.6	2.559261	0.078
Statewide Totals	2039	Light Commercial	Aggregate	Aggregate	Diesel	25265.18164	19582.25	507.2892344	744125.5	1.290208	0.034
Statewide Totals	2039	Light Commercial	Aggregate	Aggregate	Diesel	2756943.034	1017010.45	8848.939952	37629386.65	2.710831	0.073
Statewide Totals	2039	Light Commercial	Aggregate	Aggregate	Diesel	5548161.125	3816797.7	10081.12205	175572694.2	1.453617	0.032
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	3796215.567	661499.4923	1691.943443	146263320	5.738803	0.026
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	8976933.368	2606692.711	5090.06653	602436144.1	3.443802	0.015
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	22170045.9	4708453.669	9375.830524	998774201.4	4.708562	0.022
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	39944278.08	12751860.55	18223.11398	2009808755	3.132427	0.020
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	15005940.94	3767103.744	5891.210661	708640475.9	3.983416	0.021
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	874.3097947	0	142.8647829	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	1283.153398	0	992.1299678	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	49669.29808	35875.85	91.09140436	1183903.05	1.384477	0.042
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	103.6975526	0	41.91393047	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	739.885464	0	65.76999889	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	2790.033098	0	640.8888921	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	196.140739	0	26.11999956	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	329.4133637	0	64.19610223	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	923.5422218	0	574.079991	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	5640.569098	0	1728.124535	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	139.1553042	0	17.52288061	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	36118.39876	13004.95	5043.477613	481183.15	2.777281	0.075
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	36962.73848	0	6554.760846	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	3561.331895	0	486.2084099	0		

Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	4623.865947	0	729.8216085	0		
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	8453729.108	2989331.941	4148.435742	370610140.3	2.827966	0.023
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	50816284.32	6362685.166	4341.881158	2577839105	7.98661	0.020
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	11324241.97	3039889.35	6278.27447	523511053.8	3.725215	0.022
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	2662677.631	955158.6068	2228.264762	123646222.4	2.787681	0.022
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	1549616.241	637529.7809	1262.519401	83875139.17	2.430657	0.018
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	6907183.86	4332321.782	11615.83059	348021061.7	1.594338	0.020
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	7500161.336	3581387.852	11702.07918	359885360.9	2.094205	0.021
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	4417231.759	863947.2902	1034.610055	214182162.8	5.112849	0.021
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	61016129.28	16135270.56	15166.62917	3267455414	3.781537	0.019
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	39712478.32	4329115.525	8521.335289	1589565496	9.173347	0.025
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	7272634.203	5729612.864	15174.82735	374787237.4	1.269306	0.019
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	834753.1848	203224.9557	696.8451241	53493481.23	4.107533	0.016
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	55740767.82	29697693.58	45770.6297	2909884338	1.876939	0.019
Statewide Totals	2040	Construction and I	Aggregate	Aggregate	Diesel	2293967.936	1081360.404	2749.668878	85021555.21	2.121372	0.027
Statewide Totals	2040	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3530735.555	3398396.314	10313.55443	213707307.9	1.038942	0.017
Statewide Totals	2040	Industrial - Forklift	Aggregate	Aggregate	Diesel	14865821.34	15904468.39	19347.5713	1423514769	0.934695	0.010
Statewide Totals	2040	Industrial - Misc -	Aggregate	Aggregate	Diesel	3173.587959	0	1479.873734	0		
Statewide Totals	2040	Industrial - Misc -	Aggregate	Aggregate	Diesel	2534.942951	0	310.6320338	0		
Statewide Totals	2040	Industrial - Misc -	Aggregate	Aggregate	Diesel	692.8683816	0	129.6162453	0		
Statewide Totals	2040	Industrial - Other (	Aggregate	Aggregate	Diesel	7179765.177	4486473.693	4925.435954	395677847.3	1.600314	0.018
Statewide Totals	2040	Industrial - Other I	Aggregate	Aggregate	Diesel	4209514.019	1226284.778	1481.56851	205398524.3	3.432738	0.020
Statewide Totals	2040	Light Commercial	Aggregate	Aggregate	Diesel	1077766.247	973392.95	1392.638203	36015539.15	1.107226	0.030
Statewide Totals	2040	Light Commercial	Aggregate	Aggregate	Diesel	5015106.97	1959582.8	17091.10025	64666232.4	2.559273	0.078
Statewide Totals	2040	Light Commercial	Aggregate	Aggregate	Diesel	25376.21313	19658.9	509.9087148	747038.2	1.290826	0.034
Statewide Totals	2040	Light Commercial	Aggregate	Aggregate	Diesel	2772722.957	1022817.6	8899.20604	37844251.2	2.710867	0.073
Statewide Totals	2040	Light Commercial	Aggregate	Aggregate	Diesel	5579765.641	3838686.75	10138.73941	176579590.5	1.453561	0.032
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	3833805.505	668049.6274	1702.400122	147711612.1	5.738803	0.026
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	9065822.515	2632504.052	5121.52455	608401436.8	3.443802	0.015
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	22389572.59	4755076.543	9433.775752	1008664014	4.708562	0.022
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	40339804.33	12878128.84	18335.73787	2029709781	3.132427	0.020
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	15154529.02	3804405.418	5927.619973	715657398.6	3.983416	0.021
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	874.8487399	0	142.9365411	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	1283.098955	0	992.0599611	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	49667.22131	35875.85	90.65707167	1183903.05	1.384419	0.042
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	103.5787814	0	41.86592353	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	739.9979582	0	65.77999819	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	2790.00946	0	640.8804933	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	196.5161974	0	26.16999928	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	328.4894114	0	64.01604228	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	923.5100397	0	574.0599807	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	5618.798538	0	1720.933407	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	138.3095521	0	17.41638101	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	36118.49248	13004.95	5043.510115	481183.15	2.777288	0.075
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	36831.14941	0	6531.425607	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	3560.294645	0	486.0668018	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	4429.595179	0	693.656631	0		
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	8537437.513	3018932.157	4174.074224	374279903.4	2.827966	0.023

Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	51319464.64	6425688.157	4368.715185	2603364739	7.98661	0.020
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	11436374.05	3069990.183	6317.075944	528694834.2	3.725215	0.022
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	2689043.332	964616.5398	2242.036055	124870561.1	2.787681	0.022
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	1564960.464	643842.569	1270.322121	84705666.62	2.430657	0.018
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	6975578.451	4375220.217	11687.61964	351467148.9	1.594338	0.020
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	7574427.56	3616850.577	11774.40127	363448927.9	2.094205	0.021
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	4460970.968	872502.0532	1041.004231	216302983.9	5.112849	0.021
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	61620307.95	16295041.21	15260.36314	3299809595	3.781537	0.019
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	40105709.31	4371982.211	8573.9995	1605305294	9.173347	0.025
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	7344647.465	5786347.205	15268.61198	378498362	1.269306	0.019
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	843018.8692	205237.2791	701.1518198	54023171.02	4.107533	0.016
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	56292710.13	29991758.66	46053.50486	2938697868	1.876939	0.019
Statewide Totals	2041	Construction and I	Aggregate	Aggregate	Diesel	2316682.692	1092067.98	2766.662593	85863434.42	2.121372	0.027
Statewide Totals	2041	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3565696.722	3432047.065	10377.29505	215823427	1.038942	0.017
Statewide Totals	2041	Industrial - Forklift	Aggregate	Aggregate	Diesel	15013021.96	16061953.64	19467.14464	1437610341	0.934695	0.010
Statewide Totals	2041	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3155.673738	0	1471.519933	0		
Statewide Totals	2041	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2520.422357	0	308.8477213	0		
Statewide Totals	2041	Industrial - Misc - !	Aggregate	Aggregate	Diesel	681.6237777	0	127.4279964	0		
Statewide Totals	2041	Industrial - Other (	Aggregate	Aggregate	Diesel	7250858.854	4530898.532	4955.876511	399595829.7	1.600314	0.018
Statewide Totals	2041	Industrial - Other I	Aggregate	Aggregate	Diesel	4251196.417	1238427.389	1490.725013	207432370.3	3.432738	0.020
Statewide Totals	2041	Light Commercial ·	Aggregate	Aggregate	Diesel	1077803.199	973392.95	1392.738148	36015539.15	1.107264	0.030
Statewide Totals	2041	Light Commercial ·	Aggregate	Aggregate	Diesel	5015103.649	1959582.8	17091.15086	64666232.4	2.559271	0.078
Statewide Totals	2041	Light Commercial ·	Aggregate	Aggregate	Diesel	25376.10316	19658.9	509.9189744	747038.2	1.29082	0.034
Statewide Totals	2041	Light Commercial ·	Aggregate	Aggregate	Diesel	2772736.123	1022817.6	8899.336274	37844251.2	2.71088	0.073
Statewide Totals	2041	Light Commercial ·	Aggregate	Aggregate	Diesel	5579771.711	3838686.75	10138.65941	176579590.5	1.453563	0.032
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	3871395.443	674599.7624	1712.808852	149159904.2	5.738803	0.026
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	9154711.662	2658315.394	5152.83832	614366729.5	3.443802	0.015
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	22609099.28	4801699.417	9491.455272	1018553826	4.708562	0.022
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	40735330.58	13004397.13	18447.84532	2049610807	3.132427	0.020
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	15303117.1	3841707.092	5963.862331	722674321.3	3.983416	0.021
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	875.1545893	0	142.9533013	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	1283.042867	0	992.0599859	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	49665.1951	35875.85	90.23331159	1183903.05	1.384363	0.042
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	103.8004164	0	41.95550691	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	740.110485	0	65.79000098	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	2789.422444	0	640.7463078	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	196.5162061	0	26.17000039	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	327.129431	0	63.7510096	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	923.6548629	0	574.1500058	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	5596.866935	0	1713.755721	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	136.9064335	0	17.23969602	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	36118.27601	13004.95	5043.434768	481183.15	2.777271	0.075
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	36709.56214	0	6509.863963	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	3557.908369	0	485.7410177	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	4236.195698	0	658.8579673	0		
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	8621145.918	3048532.374	4199.595139	377949666.6	2.827966	0.023
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	51822644.96	6488691.149	4395.426165	2628890374	7.98661	0.020
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	11548506.13	3100091.016	6355.699494	533878614.6	3.725215	0.022

Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	2715409.033	974074.4728	2255.744199	126094899.9	2.787681	0.022
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	1580304.686	650155.3572	1278.089061	85536194.08	2.430657	0.018
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	7043973.041	4418118.651	11759.0795	354913236.1	1.594338	0.020
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	7648693.784	3652313.301	11846.39172	367012494.8	2.094205	0.021
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	4504710.177	881056.8163	1047.369087	218423805	5.112849	0.021
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	62224486.63	16454811.85	15353.66729	3332163776	3.781537	0.019
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	40498940.29	4414848.898	8626.422218	1621045093	9.173347	0.025
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	7416660.726	5843081.547	15361.96657	382209486.6	1.269306	0.019
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	851284.5537	207249.6025	705.4387672	54552860.81	4.107533	0.016
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	56844652.44	30285823.74	46335.08289	2967511398	1.876939	0.019
Statewide Totals	2042	Construction and I	Aggregate	Aggregate	Diesel	2339397.448	1102775.557	2783.578383	86705313.63	2.121372	0.027
Statewide Totals	2042	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3600657.89	3465697.816	10440.74339	217939546.1	1.038942	0.017
Statewide Totals	2042	Industrial - Forklift	Aggregate	Aggregate	Diesel	15160222.59	16219438.9	19586.16968	1451705913	0.934695	0.010
Statewide Totals	2042	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3144.966597	0	1466.526805	0		
Statewide Totals	2042	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2509.158192	0	307.4786001	0		
Statewide Totals	2042	Industrial - Misc - !	Aggregate	Aggregate	Diesel	670.6391387	0	125.3068543	0		
Statewide Totals	2042	Industrial - Other (	Aggregate	Aggregate	Diesel	7321952.531	4575323.371	4986.177483	403513812	1.600314	0.018
Statewide Totals	2042	Industrial - Other I	Aggregate	Aggregate	Diesel	4292878.815	1250570	1499.839529	209466216.3	3.432738	0.020
Statewide Totals	2042	Light Commercial ·	Aggregate	Aggregate	Diesel	1077745.104	973392.95	1392.578189	36015539.15	1.107205	0.030
Statewide Totals	2042	Light Commercial ·	Aggregate	Aggregate	Diesel	5015071.695	1959582.8	17090.93046	64666232.4	2.559255	0.078
Statewide Totals	2042	Light Commercial ·	Aggregate	Aggregate	Diesel	25370.93625	19658.9	509.7888365	747038.2	1.290557	0.034
Statewide Totals	2042	Light Commercial ·	Aggregate	Aggregate	Diesel	2772781.315	1022817.6	8899.446059	37844251.2	2.710925	0.073
Statewide Totals	2042	Light Commercial ·	Aggregate	Aggregate	Diesel	5579891.657	3838686.75	10139.14926	176579590.5	1.453594	0.032
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	3908985.38	681149.8975	1723.170286	150608196.3	5.738803	0.026
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	9243600.81	2684126.735	5184.009805	620332022.2	3.443802	0.015
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	22828625.97	4848322.291	9548.872706	1028443639	4.708562	0.022
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	41130856.84	13130665.42	18559.44337	2069511834	3.132427	0.020
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	15451705.18	3879008.766	5999.94001	729691244	3.983416	0.021
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	875.4599875	0	142.976496	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	1283.51482	0	992.2699454	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	49663.30582	35875.85	89.83819109	1183903.05	1.38431	0.042
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	103.803049	0	41.95657143	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	740.3354728	0	65.81000002	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	2788.85772	0	640.6157951	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	196.5912951	0	26.18000001	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	325.591307	0	63.45125914	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	923.6066087	0	574.1200123	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	5576.518082	0	1707.000835	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	135.1794787	0	17.02223251	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	36118.39322	13004.95	5043.47572	481183.15	2.77728	0.075
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	36598.38345	0	6490.148191	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	3556.739676	0	485.581462	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	4121.031614	0	644.8382139	0		
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	8704854.322	3078132.59	4225.000093	381619429.8	2.827966	0.023
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	52325825.27	6551694.141	4422.015775	2654416008	7.98661	0.020
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	11660638.21	3130191.849	6394.147545	539062395	3.725215	0.022
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	2741774.735	983532.4058	2269.390056	127319238.6	2.787681	0.022
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	1595648.909	656468.1453	1285.820709	86366721.53	2.430657	0.018

Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	7112367.632	4461017.086	11830.21466	358359323.3	1.594338	0.020
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	7722960.008	3687776.025	11918.05506	370576061.7	2.094205	0.021
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	4548449.386	889611.5794	1053.705023	220544626.1	5.112849	0.021
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	62828665.3	16614582.5	15446.54748	3364517957	3.781537	0.019
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	40892171.27	4457715.584	8678.606738	1636784891	9.173347	0.025
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	7488673.988	5899815.888	15454.89696	385920611.1	1.269306	0.019
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	859550.2382	209261.9259	709.7062355	55082550.6	4.107533	0.016
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	57396594.75	30579888.83	46615.38149	2996324927	1.876939	0.019
Statewide Totals	2043	Construction and I	Aggregate	Aggregate	Diesel	2362112.205	1113483.134	2800.41731	87547192.84	2.121372	0.027
Statewide Totals	2043	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3635619.058	3499348.567	10503.90343	220055665.3	1.038942	0.017
Statewide Totals	2043	Industrial - Forklift	Aggregate	Aggregate	Diesel	15307423.21	16376924.15	19704.6539	1465801486	0.934695	0.010
Statewide Totals	2043	Industrial - Misc - /	Aggregate	Aggregate	Diesel	3138.067207	0	1463.309291	0		
Statewide Totals	2043	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2503.465222	0	306.9769866	0		
Statewide Totals	2043	Industrial - Misc - !	Aggregate	Aggregate	Diesel	663.8193644	0	124.1332699	0		
Statewide Totals	2043	Industrial - Other (	Aggregate	Aggregate	Diesel	7393046.209	4619748.211	5016.340773	407431794.4	1.600314	0.018
Statewide Totals	2043	Industrial - Other I	Aggregate	Aggregate	Diesel	4334561.213	1262712.611	1508.912631	211500062.2	3.432738	0.020
Statewide Totals	2043	Light Commercial ·	Aggregate	Aggregate	Diesel	1077766.197	973392.95	1392.608199	36015539.15	1.107226	0.030
Statewide Totals	2043	Light Commercial ·	Aggregate	Aggregate	Diesel	5015123.975	1959582.8	17091.13059	64666232.4	2.559281	0.078
Statewide Totals	2043	Light Commercial ·	Aggregate	Aggregate	Diesel	25370.73779	19658.9	509.7688685	747038.2	1.290547	0.034
Statewide Totals	2043	Light Commercial ·	Aggregate	Aggregate	Diesel	2772742.354	1022817.6	8899.366368	37844251.2	2.710886	0.073
Statewide Totals	2043	Light Commercial ·	Aggregate	Aggregate	Diesel	5579814.939	3838686.75	10138.81918	176579590.5	1.453574	0.032
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	3946575.318	687700.0325	1733.485064	152056488.4	5.738803	0.026
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	9332489.957	2709938.077	5215.040927	626297314.9	3.443802	0.015
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	23048152.66	4894945.164	9606.031594	1038333451	4.708562	0.022
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	41526383.09	13256933.71	18670.53891	2089412860	3.132427	0.020
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	15600293.26	3916310.439	6035.855234	736708166.8	3.983416	0.021
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	875.4315474	0	142.9911723	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	1283.475656	0	992.3200484	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	49661.33702	35875.85	89.42643761	1183903.05	1.384255	0.042
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	103.6857051	0	41.90914158	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	740.560518	0	65.83000516	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	2788.469019	0	640.524945	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	196.9667716	0	26.23000206	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	324.6743222	0	63.27255755	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	923.5262032	0	574.070027	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	5561.226389	0	1702.79124	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	133.6205191	0	16.82592291	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	36118.50631	13004.95	5043.515003	481183.15	2.777289	0.075
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	36506.89667	0	6473.924477	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	3555.804514	0	485.4537886	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	4101.070936	0	643.5077053	0		
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	8788562.727	3107732.806	4250.29065	385289192.9	2.827966	0.023
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	52829005.59	6614697.133	4448.485654	2679941643	7.98661	0.020
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	11772770.29	3160292.682	6432.422468	544246175.4	3.725215	0.022
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	2768140.436	992990.3387	2282.974468	128543577.3	2.787681	0.022
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	1610993.132	662780.9335	1293.517542	87197248.98	2.430657	0.018
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	7180762.223	4503915.52	11901.0295	361805410.6	1.594338	0.020
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	7797226.233	3723238.749	11989.39571	374139628.6	2.094205	0.021

Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	4592188.595	898166.3424	1060.012428	222665447.2	5.112849	0.021
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	63432843.97	16774353.14	15539.00944	3396872137	3.781537	0.019
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	41285402.26	4500582.271	8730.556275	1652524689	9.173347	0.025
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	7560687.25	5956550.229	15547.4089	389631735.7	1.269306	0.019
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	867815.9227	211274.2493	713.9544877	55612240.39	4.107533	0.016
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	57948537.05	30873953.91	46894.41792	3025138457	1.876939	0.019
Statewide Totals	2044	Construction and I	Aggregate	Aggregate	Diesel	2384826.961	1124190.711	2817.180414	88389072.04	2.121372	0.027
Statewide Totals	2044	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3670580.225	3532999.318	10566.77907	222171784.4	1.038942	0.017
Statewide Totals	2044	Industrial - Forklift	Aggregate	Aggregate	Diesel	15454623.83	16534409.4	19822.60459	1479897058	0.934695	0.010
Statewide Totals	2044	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3133.47187	0	1461.165783	0		
Statewide Totals	2044	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2503.833902	0	307.1115083	0		
Statewide Totals	2044	Industrial - Misc - ;	Aggregate	Aggregate	Diesel	662.1644278	0	123.8750152	0		
Statewide Totals	2044	Industrial - Other (	Aggregate	Aggregate	Diesel	7464139.886	4664173.05	5046.368241	411349776.7	1.600314	0.018
Statewide Totals	2044	Industrial - Other I	Aggregate	Aggregate	Diesel	4376243.612	1274855.222	1517.944877	213533908.2	3.432738	0.020
Statewide Totals	2044	Light Commercial ·	Aggregate	Aggregate	Diesel	1077742.448	973392.95	1392.568164	36015539.15	1.107202	0.030
Statewide Totals	2044	Light Commercial ·	Aggregate	Aggregate	Diesel	5015168.822	1959582.8	17091.34032	64666232.4	2.559304	0.078
Statewide Totals	2044	Light Commercial ·	Aggregate	Aggregate	Diesel	25372.48348	19658.9	509.7687335	747038.2	1.290636	0.034
Statewide Totals	2044	Light Commercial ·	Aggregate	Aggregate	Diesel	2772842.788	1022817.6	8899.806179	37844251.2	2.710985	0.073
Statewide Totals	2044	Light Commercial ·	Aggregate	Aggregate	Diesel	5579784.588	3838686.75	10138.73935	176579590.5	1.453566	0.032
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	3984165.255	694250.1675	1743.753809	153504780.6	5.738803	0.026
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	9421379.104	2735749.418	5245.933567	632262607.7	3.443802	0.015
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	23267679.35	4941568.038	9662.935399	1048223264	4.708562	0.022
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	41921909.34	13383201.99	18781.13866	2109313886	3.132427	0.020
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	15748881.34	3953612.113	6071.610178	743725089.5	3.983416	0.021
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	874.8824232	0	142.8765459	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	1283.501363	0	992.3299656	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	49658.9115	35875.85	88.91916946	1183903.05	1.384188	0.042
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	103.8568225	0	41.97830593	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	740.110505	0	65.79000203	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	2788.067602	0	640.433451	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	197.0418547	0	26.24000081	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	323.1083195	0	62.96737504	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	923.493996	0	574.0500147	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	5551.232142	0	1700.415757	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	131.8298576	0	16.6004371	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	36118.40205	13004.95	5043.478734	481183.15	2.777281	0.075
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	36523.2934	0	6476.832202	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	3554.097962	0	485.2208119	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	4118.903646	0	645.9853997	0		
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	8872271.132	3137333.022	4275.468342	388958956.1	2.827966	0.023
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	53332185.91	6677700.125	4474.837406	2705467277	7.98661	0.020
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	11884902.37	3190393.515	6470.526581	549429955.8	3.725215	0.022
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	2794506.138	1002448.272	2296.498256	129767916.1	2.787681	0.022
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	1626337.355	669093.7216	1301.180027	88027776.43	2.430657	0.018
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	7249156.814	4546813.955	11971.52832	365251497.8	1.594338	0.020
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	7871492.457	3758701.474	12060.41799	377703195.6	2.094205	0.021
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	4635927.804	906721.1055	1066.291685	224786268.3	5.112849	0.021
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	64037022.65	16934123.79	15631.05877	3429226318	3.781537	0.019

Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	41678633.24	4543448.957	8782.273976	1668264488	9.173347	0.025
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	7632700.512	6013284.571	15639.50799	393342860.3	1.269306	0.019
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	876081.6072	213286.5727	718.1837812	56141930.17	4.107533	0.016
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	58500479.36	31168018.99	47172.2091	3053951987	1.876939	0.019
Statewide Totals	2045	Construction and I	Aggregate	Aggregate	Diesel	2407541.717	1134898.288	2833.868708	89230951.25	2.121372	0.027
Statewide Totals	2045	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3705541.393	3566650.069	10629.37411	224287903.5	1.038942	0.017
Statewide Totals	2045	Industrial - Forklift	Aggregate	Aggregate	Diesel	15601824.46	16691894.66	19940.02889	1493992630	0.934695	0.010
Statewide Totals	2045	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3135.168446	0	1461.956399	0		
Statewide Totals	2045	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2506.499951	0	307.4693035	0		
Statewide Totals	2045	Industrial - Misc - !	Aggregate	Aggregate	Diesel	662.9429541	0	124.0420879	0		
Statewide Totals	2045	Industrial - Other (	Aggregate	Aggregate	Diesel	7535233.563	4708597.889	5076.261704	415267759.1	1.600314	0.018
Statewide Totals	2045	Industrial - Other I	Aggregate	Aggregate	Diesel	4417926.01	1286997.832	1526.936815	215567754.2	3.432738	0.020
Statewide Totals	2045	Light Commercial ·	Aggregate	Aggregate	Diesel	1077763.498	973392.95	1392.608044	36015539.15	1.107223	0.030
Statewide Totals	2045	Light Commercial ·	Aggregate	Aggregate	Diesel	5015205.331	1959582.8	17091.53983	64666232.4	2.559323	0.078
Statewide Totals	2045	Light Commercial ·	Aggregate	Aggregate	Diesel	25364.72188	19658.9	509.648715	747038.2	1.290241	0.034
Statewide Totals	2045	Light Commercial ·	Aggregate	Aggregate	Diesel	2772867.299	1022817.6	8899.745867	37844251.2	2.711009	0.073
Statewide Totals	2045	Light Commercial ·	Aggregate	Aggregate	Diesel	5579746.701	3838686.75	10138.60935	176579590.5	1.453556	0.032
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	4021755.193	700800.3026	1753.977134	154953072.7	5.738803	0.026
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	9510268.252	2761560.76	5276.689561	638227900.4	3.443802	0.015
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	23487206.04	4988190.912	9719.587505	1058113076	4.708562	0.022
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	42317435.6	13509470.28	18891.2492	2129214912	3.132427	0.020
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	15897469.42	3990913.787	6107.20697	750742012.2	3.983416	0.021
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	873.6313645	0	142.6709095	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	1283.787623	0	992.4299987	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	49656.88774	35875.85	88.49592167	1183903.05	1.384131	0.042
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	103.7857569	0	41.94958149	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	740.1104733	0	65.7900006	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	2787.908098	0	640.3991432	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	196.7414806	0	26.20000024	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	322.0844561	0	62.76784431	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	923.4457495	0	574.0200248	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	5549.734368	0	1700.307355	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	131.0129753	0	16.49757268	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	36118.50377	13004.95	5043.514143	481183.15	2.777289	0.075
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	36553.50927	0	6482.190505	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	3552.933027	0	485.0617656	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	4129.988018	0	648.3484239	0		
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	8955979.537	3166933.238	4300.534668	392628719.2	2.827966	0.023
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	53835366.23	6740703.116	4501.072597	2730992912	7.98661	0.020
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	11997034.46	3220494.348	6508.46215	554613736.2	3.725215	0.022
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	2820871.839	1011906.205	2309.962225	130992254.8	2.787681	0.022
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	1641681.578	675406.5098	1308.808619	88858303.89	2.430657	0.018
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	7317551.404	4589712.39	12041.7153	368697585	1.594338	0.020
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	7945758.681	3794164.198	12131.12612	381266762.5	2.094205	0.021
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	4679667.013	915275.8685	1072.543167	226907089.5	5.112849	0.021
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	64641201.32	17093894.44	15722.70094	3461580499	3.781537	0.019
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	42071864.22	4586315.643	8833.762917	1684004286	9.173347	0.025
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	7704713.774	6070018.912	15731.1997	397053984.9	1.269306	0.019

Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	884347.2916	215298.8961	722.3943675	56671619.96	4.107533	0.016
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	59052421.67	31462084.08	47448.77154	3082765517	1.876939	0.019
Statewide Totals	2046	Construction and I	Aggregate	Aggregate	Diesel	2430256.473	1145605.865	2850.483187	90072830.46	2.121372	0.027
Statewide Totals	2046	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3740502.561	3600300.82	10691.69228	226404022.6	1.038942	0.017
Statewide Totals	2046	Industrial - Forklift	Aggregate	Aggregate	Diesel	15749025.08	16849379.91	20056.93381	1508088203	0.934695	0.010
Statewide Totals	2046	Industrial - Misc - A	Aggregate	Aggregate	Diesel	3138.426486	0	1463.475675	0		
Statewide Totals	2046	Industrial - Misc - I	Aggregate	Aggregate	Diesel	2508.83113	0	307.7816604	0		
Statewide Totals	2046	Industrial - Misc - S	Aggregate	Aggregate	Diesel	666.5306672	0	124.7628238	0		
Statewide Totals	2046	Industrial - Other (	Aggregate	Aggregate	Diesel	7606327.241	4753022.728	5106.022942	419185741.4	1.600314	0.018
Statewide Totals	2046	Industrial - Other I	Aggregate	Aggregate	Diesel	4459608.408	1299140.443	1535.888979	217601600.1	3.432738	0.020
Statewide Totals	2046	Light Commercial ·	Aggregate	Aggregate	Diesel	1077739.858	973392.95	1392.588181	36015539.15	1.107199	0.030
Statewide Totals	2046	Light Commercial ·	Aggregate	Aggregate	Diesel	5015122.63	1959582.8	17091.23027	64666232.4	2.559281	0.078
Statewide Totals	2046	Light Commercial ·	Aggregate	Aggregate	Diesel	25368.78867	19658.9	509.7488924	747038.2	1.290448	0.034
Statewide Totals	2046	Light Commercial ·	Aggregate	Aggregate	Diesel	2772855.142	1022817.6	8899.7362	37844251.2	2.710997	0.073
Statewide Totals	2046	Light Commercial ·	Aggregate	Aggregate	Diesel	5579813.618	3838686.75	10138.77921	176579590.5	1.453574	0.032
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	4059345.131	707350.4376	1764.155635	156401364.8	5.738803	0.026
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	9599157.399	2787372.101	5307.310707	644193193.1	3.443802	0.015
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	23706732.74	5034813.786	9775.991223	1068002888	4.708562	0.022
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	42712961.85	13635738.57	19000.87697	2149115939	3.132427	0.020
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	16046057.5	4028215.461	6142.64769	757758934.9	3.983416	0.021
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	872.7979674	0	142.5604719	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	1283.644415	0	992.3799216	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	49657.90094	35875.85	88.70782248	1183903.05	1.38416	0.042
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	103.78812	0	41.95053705	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	740.6729286	0	65.83999746	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	2787.331832	0	640.2694029	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	196.6663791	0	26.18999899	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	321.044882	0	62.56525164	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	923.5261168	0	574.0699768	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	5553.804771	0	1701.51564	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	131.085486	0	16.50670326	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	36118.54661	13004.95	5043.528881	481183.15	2.777292	0.075
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	36591.89584	0	6488.99774	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	3552.68489	0	485.0278842	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	4140.734675	0	650.6053578	0		
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	9039687.942	3196533.454	4325.491091	396298482.4	2.827966	0.023
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	54338546.54	6803706.108	4527.192762	2756518546	7.98661	0.020
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	12109166.54	3250595.181	6546.231393	559797516.6	3.725215	0.022
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	2847237.54	1021364.138	2323.367161	132216593.6	2.787681	0.022
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	1657025.801	681719.298	1316.403763	89688831.34	2.430657	0.018
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	7385945.995	4632610.824	12111.59455	372143672.3	1.594338	0.020
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	8020024.905	3829626.922	12201.52423	384830329.4	2.094205	0.021
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	4723406.222	923830.6316	1078.76724	229027910.6	5.112849	0.021
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	65245380	17253665.08	15813.94131	3493934680	3.781537	0.019
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	42465095.21	4629182.33	8885.026108	1699744085	9.173347	0.025
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	7776727.036	6126753.253	15822.48939	400765109.4	1.269306	0.019
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	892612.9761	217311.2194	726.5864927	57201309.75	4.107533	0.016
Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	59604363.98	31756149.16	47724.1214	3111579047	1.876939	0.019

Statewide Totals	2047	Construction and I	Aggregate	Aggregate	Diesel	2452971.23	1156313.442	2867.02482	90914709.67	2.121372	0.027
Statewide Totals	2047	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3775463.729	3633951.571	10753.73721	228520141.8	1.038942	0.017
Statewide Totals	2047	Industrial - Forklift	Aggregate	Aggregate	Diesel	15896225.7	17006865.17	20173.32616	1522183775	0.934695	0.010
Statewide Totals	2047	Industrial - Misc - A	Aggregate	Aggregate	Diesel	3140.86439	0	1464.613401	0		
Statewide Totals	2047	Industrial - Misc - I	Aggregate	Aggregate	Diesel	2512.427479	0	308.175973	0		
Statewide Totals	2047	Industrial - Misc - S	Aggregate	Aggregate	Diesel	673.4029406	0	126.0948946	0		
Statewide Totals	2047	Industrial - Other (	Aggregate	Aggregate	Diesel	7677420.918	4797447.567	5135.653692	423103723.8	1.600314	0.018
Statewide Totals	2047	Industrial - Other I	Aggregate	Aggregate	Diesel	4501290.806	1311283.054	1544.801893	219635446.1	3.432738	0.020
Statewide Totals	2047	Light Commercial ·	Aggregate	Aggregate	Diesel	1077861.222	973392.95	1392.83816	36015539.15	1.107324	0.030
Statewide Totals	2047	Light Commercial ·	Aggregate	Aggregate	Diesel	5015143.756	1959582.8	17091.33021	64666232.4	2.559292	0.078
Statewide Totals	2047	Light Commercial ·	Aggregate	Aggregate	Diesel	25372.30709	19658.9	509.8089677	747038.2	1.290627	0.034
Statewide Totals	2047	Light Commercial ·	Aggregate	Aggregate	Diesel	2772799.483	1022817.6	8899.516317	37844251.2	2.710942	0.073
Statewide Totals	2047	Light Commercial ·	Aggregate	Aggregate	Diesel	5579770.723	3838686.75	10138.58904	176579590.5	1.453562	0.032
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	4096935.068	713900.5727	1774.289897	157849656.9	5.738803	0.026
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	9688046.546	2813183.442	5337.798763	650158485.8	3.443802	0.015
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	23926259.43	5081436.66	9832.149791	1077892701	4.708562	0.022
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	43108488.1	13762006.86	19110.02826	2169016965	3.132427	0.020
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	16194645.58	4065517.134	6177.934373	764775857.6	3.983416	0.021
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	872.3005042	0	142.4770789	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	1283.596762	0	992.2799542	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	49658.7609	35875.85	88.88767104	1183903.05	1.384184	0.042
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	103.9344771	0	42.00969338	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	739.9979467	0	65.77999729	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	2787.721755	0	640.3596543	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	196.7414705	0	26.19999892	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	320.0251443	0	62.36652517	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	923.5421509	0	574.0799539	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	5556.837863	0	1702.512991	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	130.9203426	0	16.48590799	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	36118.49593	13004.95	5043.511295	481183.15	2.777288	0.075
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	36631.32878	0	6495.990506	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	3550.449153	0	484.7226506	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	4152.089116	0	652.8017144	0		
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	9123396.346	3226133.67	4350.339046	399968245.6	2.827966	0.023
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	54841726.86	6866709.1	4553.1994	2782044181	7.98661	0.020
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	12221298.62	3280696.014	6583.836478	564981297	3.725215	0.022
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	2873603.242	1030822.071	2336.713836	133440932.3	2.787681	0.022
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	1672370.024	688032.0861	1323.965897	90519358.79	2.430657	0.018
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	7454340.586	4675509.259	12181.17009	375589759.5	1.594338	0.020
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	8094291.129	3865089.646	12271.61637	388393896.4	2.094205	0.021
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	4767145.431	932385.3947	1084.964261	231148731.7	5.112849	0.021
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	65849558.67	17413435.73	15904.78512	3526288861	3.781537	0.019
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	42858326.19	4672049.016	8936.066492	1715483883	9.173347	0.025
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	7848740.298	6183487.595	15913.3823	404476234	1.269306	0.019
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	900878.6606	219323.5428	730.7603976	57730999.54	4.107533	0.016
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	60156306.29	32050214.25	47998.27451	3140392577	1.876939	0.019
Statewide Totals	2048	Construction and I	Aggregate	Aggregate	Diesel	2475685.986	1167021.019	2883.494557	91756588.87	2.121372	0.027
Statewide Totals	2048	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3810424.896	3667602.323	10815.51248	230636260.9	1.038942	0.017

Statewide Totals	2048	Industrial - Forklift	Aggregate	Aggregate	Diesel	16043426.32	17164350.42	20289.21263	1536279348	0.934695	0.010
Statewide Totals	2048	Industrial - Misc - A	Aggregate	Aggregate	Diesel	3143.733396	0	1465.95225	0		
Statewide Totals	2048	Industrial - Misc - C	Aggregate	Aggregate	Diesel	2514.237948	0	308.3517948	0		
Statewide Totals	2048	Industrial - Misc - S	Aggregate	Aggregate	Diesel	678.0252427	0	126.9569486	0		
Statewide Totals	2048	Industrial - Other C	Aggregate	Aggregate	Diesel	7748514.596	4841872.407	5165.155658	427021706.1	1.600314	0.018
Statewide Totals	2048	Industrial - Other I	Aggregate	Aggregate	Diesel	4542973.205	1323425.665	1553.676069	221669292	3.432738	0.020
Statewide Totals	2048	Light Commercial -	Aggregate	Aggregate	Diesel	1077774.158	973392.95	1392.638252	36015539.15	1.107234	0.030
Statewide Totals	2048	Light Commercial -	Aggregate	Aggregate	Diesel	5015197.047	1959582.8	17091.5299	64666232.4	2.559319	0.078
Statewide Totals	2048	Light Commercial -	Aggregate	Aggregate	Diesel	25380.9417	19658.9	510.0388262	747038.2	1.291066	0.034
Statewide Totals	2048	Light Commercial -	Aggregate	Aggregate	Diesel	2772817.973	1022817.6	8899.686235	37844251.2	2.71096	0.073
Statewide Totals	2048	Light Commercial -	Aggregate	Aggregate	Diesel	5579802.734	3838686.75	10138.75921	176579590.5	1.453571	0.032
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	4134525.006	720450.7077	1784.380491	159297949	5.738803	0.026
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	9776935.694	2838994.784	5368.15545	656123778.5	3.443802	0.015
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	24145786.12	5128059.534	9888.066379	1087782513	4.708562	0.022
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	43504014.36	13888275.15	19218.70923	2188917991	3.132427	0.020
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	16343233.66	4102818.808	6213.069009	771792780.3	3.983416	0.021
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	872.3019883	0	142.487263	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	1283.502924	0	992.2598649	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	49659.60152	35875.85	89.06347742	1183903.05	1.384207	0.042
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	103.9074108	0	41.99875316	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	740.3354084	0	65.80999514	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	2787.590552	0	640.3287917	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	196.2909115	0	26.13999807	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	319.171463	0	62.20015989	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	923.5100175	0	574.0599777	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	5559.849121	0	1703.552425	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	131.2992048	0	16.53361567	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	36118.56202	13004.95	5043.534244	481183.15	2.777293	0.075
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	36671.51062	0	6503.11616	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	3552.024809	0	484.9377669	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	4167.579706	0	655.2667251	0		
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	9207104.751	3255733.886	4375.079934	403638008.7	2.827966	0.023
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	55344907.18	6929712.092	4579.093979	2807569815	7.98661	0.020
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	12333430.7	3310796.847	6621.279528	570165077.4	3.725215	0.022
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	2899968.943	1040280.004	2350.003001	134665271	2.787681	0.022
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	1687714.247	694344.8743	1331.495446	91349886.25	2.430657	0.018
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	7522735.177	4718407.694	12250.44583	379035846.7	1.594338	0.020
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	8168557.354	3900552.37	12341.40649	391957463.3	2.094205	0.021
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	4810884.64	940940.1577	1091.13458	233269552.8	5.112849	0.021
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	66453737.35	17573206.37	15995.2375	3558643042	3.781537	0.019
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	43251557.17	4714915.703	8986.886949	1731223682	9.173347	0.025
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	7920753.559	6240221.936	16003.88357	408187358.6	1.269306	0.019
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	909144.3451	221335.8662	734.9163175	58260689.33	4.107533	0.016
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	60708248.59	32344279.33	48271.24632	3169206107	1.876939	0.019
Statewide Totals	2049	Construction and I	Aggregate	Aggregate	Diesel	2498400.742	1177728.596	2899.893328	92598468.08	2.121372	0.027
Statewide Totals	2049	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3845386.064	3701253.074	10877.02157	232752380	1.038942	0.017
Statewide Totals	2049	Industrial - Forklift	Aggregate	Aggregate	Diesel	16190626.95	17321835.68	20404.59976	1550374920	0.934695	0.010
Statewide Totals	2049	Industrial - Misc - A	Aggregate	Aggregate	Diesel	3146.266872	0	1467.134405	0		

Statewide Totals	2049	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2514.110873	0	308.3223726	0		
Statewide Totals	2049	Industrial - Misc - !	Aggregate	Aggregate	Diesel	679.9879812	0	127.2685986	0		
Statewide Totals	2049	Industrial - Other (	Aggregate	Aggregate	Diesel	7819608.273	4886297.246	5194.530503	430939688.5	1.600314	0.018
Statewide Totals	2049	Industrial - Other I	Aggregate	Aggregate	Diesel	4584655.603	1335568.276	1562.512007	223703138	3.432738	0.020
Statewide Totals	2049	Light Commercial ·	Aggregate	Aggregate	Diesel	1077774.061	973392.95	1392.588214	36015539.15	1.107234	0.030
Statewide Totals	2049	Light Commercial ·	Aggregate	Aggregate	Diesel	5015179.119	1959582.8	17091.50064	64666232.4	2.55931	0.078
Statewide Totals	2049	Light Commercial ·	Aggregate	Aggregate	Diesel	25380.3056	19658.9	510.0188538	747038.2	1.291034	0.034
Statewide Totals	2049	Light Commercial ·	Aggregate	Aggregate	Diesel	2772852.141	1022817.6	8899.746232	37844251.2	2.710994	0.073
Statewide Totals	2049	Light Commercial ·	Aggregate	Aggregate	Diesel	5579747.231	3838686.75	10138.53927	176579590.5	1.453556	0.032
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	4172114.943	727000.8428	1794.427978	160746241.1	5.738803	0.026
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	9865824.841	2864806.125	5398.382451	662089071.2	3.443802	0.015
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	24365312.81	5174682.407	9943.744087	1097672326	4.708562	0.022
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	43899540.61	14014543.44	19326.92591	2208819017	3.132427	0.020
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	16491821.74	4140120.482	6248.053548	778809703.1	3.983416	0.021
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	872.9009039	0	142.5926879	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	1283.437395	0	992.239972	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	49660.32582	35875.85	89.21495828	1183903.05	1.384227	0.042
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	103.8021843	0	41.9562218	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	740.222936	0	65.7999976	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	2787.77822	0	640.3716679	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	196.5912869	0	26.17999905	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	317.8218063	0	61.93713838	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	923.4296083	0	574.0099866	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	5564.124636	0	1704.961045	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	131.5801705	0	16.56899568	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	36118.4496	13004.95	5043.495234	481183.15	2.777285	0.075
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	36708.43051	0	6509.663381	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	3552.613515	0	485.0181352	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	4182.28522	0	657.8178479	0		
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	9290813.156	3285334.102	4399.715127	407307771.9	2.827966	0.023
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	55848087.5	6992715.084	4604.877934	2833095450	7.98661	0.020
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	12445562.78	3340897.68	6658.562618	575348857.8	3.725215	0.022
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	2926334.644	1049737.937	2363.235394	135889609.8	2.787681	0.022
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	1703058.469	700657.6624	1338.992828	92180413.7	2.430657	0.018
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	7591129.767	4761306.128	12319.42562	382481933.9	1.594338	0.020
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	8242823.578	3936015.095	12410.89846	395521030.2	2.094205	0.021
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	4854623.849	949494.9208	1097.278539	235390373.9	5.112849	0.021
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	67057916.02	17732977.02	16085.30346	3590997223	3.781537	0.019
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	43644788.16	4757782.389	9037.490297	1746963480	9.173347	0.025
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	7992766.821	6296956.277	16093.99822	411898483.1	1.269306	0.019
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	917410.0296	223348.1896	739.0544832	58790379.12	4.107533	0.016
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	61260190.9	32638344.41	48543.05197	3198019636	1.876939	0.019
Statewide Totals	2050	Construction and I	Aggregate	Aggregate	Diesel	2521115.499	1188436.172	2916.222043	93440347.29	2.121372	0.027
Statewide Totals	2050	Industrial - Aerial I	Aggregate	Aggregate	Diesel	3880347.232	3734903.825	10938.26788	234868499.1	1.038942	0.017
Statewide Totals	2050	Industrial - Forklift	Aggregate	Aggregate	Diesel	16337827.57	17479320.93	20519.49394	1564470492	0.934695	0.010
Statewide Totals	2050	Industrial - Misc - ,	Aggregate	Aggregate	Diesel	3147.704747	0	1467.805361	0		
Statewide Totals	2050	Industrial - Misc - (	Aggregate	Aggregate	Diesel	2514.338953	0	308.3601002	0		
Statewide Totals	2050	Industrial - Misc - !	Aggregate	Aggregate	Diesel	680.7273065	0	127.3758396	0		

Statewide Totals	2050	Industrial - Other (	Aggregate	Aggregate	Diesel	7890701.95	4930722.085	5223.779858	434857670.8	1.600314	0.018
Statewide Totals	2050	Industrial - Other I	Aggregate	Aggregate	Diesel	4626338.001	1347710.887	1571.310197	225736984	3.432738	0.020
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	1077779.267	973392.95	1392.558199	36015539.15	1.10724	0.030
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	5015184.375	1959582.8	17091.4405	64666232.4	2.559312	0.078
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	25373.63089	19658.9	509.8688494	747038.2	1.290694	0.034
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	2772821.921	1022817.6	8899.586239	37844251.2	2.710964	0.073
Statewide Totals	2050	Light Commercial	Aggregate	Aggregate	Diesel	5579783.904	3838686.75	10138.7193	176579590.5	1.453566	0.032

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Ye	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Con	NOx_RUNE	NOx_IDLEX	NOx_STREX	NOx_TOTE	PM2.5_RUI	PM2.5_IDL	PM2.5_STR	PM2.5_TO	PM2.5_PM	PM2.5_PM	PM2.5_TO	PM10_RUN	PM10_IDLE	PM10_STR	PM10_TOT	PM10_PM1	PM10_PMI	PM10_TOT	CO2_RUNE	CO2_IDLEX	CO2_STREX
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Gasoline	7275.921	471942.6917	471942.7	0	145576.6	0	9.859154	0	0.073892	9.933046	0.005943	0	0.001672	0.007615	0.002601	0.02077	0.030986	0.006325	0	0.001757	0.008082	0.010405	0.059341	0.077828	1395.884	0	22.87911
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Diesel	178113	34780709.82	34780710	0	2615210	0	816.6459	38.56693	0	855.2129	26.62526	0.938802	0	27.56407	0.340096	1.393424	29.29759	27.82914	0.981251	0	28.81039	1.360383	3.981213	34.15199	67652.52	2546.349	0
Statewide Totals	2000	HHDT	Aggregate	Aggregate	Natural Ga	22.94925	2260.787679	2260.788	0	105.5666	0	0.081074	0.000255	0	0.081329	9.35E-05	1.06E-08	0	9.35E-05	2.24E-05	0.000183	0.000299	0.000102	1.15E-08	0	0.000102	8.97E-05	0.000523	0.000715	6.729056	0.175377	0
Statewide Totals	2000	LDA	Aggregate	Aggregate	Gasoline	12975810	471611911.4	4.72E+08	0	60588685	0	400.1413	0	74.56572	474.707	5.654088	0	0.94745	6.601538	1.039727	1.408631	9.049897	6.131405	0	1.024785	7.156189	4.158908	4.024661	15.33976	192033	0	8056.159
Statewide Totals	2000	LDA	Aggregate	Aggregate	Diesel	105932.6	2646169.423	2646169	0	444172.4	0	4.861548	0	0	4.861548	0.823609	0	0	0.823609	0.005834	0.008233	0.837676	0.860849	0	0	0.860849	0.023335	0.023522	0.907706	1061.047	0	0
Statewide Totals	2000	LDA	Aggregate	Aggregate	Electricity	1057.529	28851.5002	0	28851.5	5012.231	11139.06	0	0	0	0	0	0	0	0	6.36E-05	4.87E-05	0.000112	0	0	0	0	0.000254	0.000139	0.000394	0	0	0
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Gasoline	2319619	78517211.39	78517211	0	10534754	0	112.8446	0	16.14865	128.9933	1.189806	0	0.197168	1.386974	0.173101	0.277603	1.837678	1.283636	0	0.212101	1.495736	0.692404	0.793151	2.981291	36564.4	0	1689.394
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Diesel	7655.172	204196.6135	204196.6	0	32394.38	0	0.360503	0	0	0.360503	0.057192	0	0	0.057192	0.00045	0.000793	0.058434	0.059777	0	0	0.059777	0.001801	0.002265	0.063843	97.21956	0	0
Statewide Totals	2000	LDT1	Aggregate	Aggregate	Electricity	481.9065	13223.03199	0	13223.03	2288.093	5105.182	0	0	0	0	0	0	0	0	2.92E-05	2.23E-05	5.15E-05	0	0	0	0	0.000117	6.38E-05	0.00018	0	0	0
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Gasoline	3662790	139664976.6	1.4E+08	0	17446453	0	196.0028	0	38.57349	234.5763	1.468043	0	0.220776	1.688819	0.307909	0.479863	2.476591	1.590228	0	0.238772	1.829	1.231635	1.371038	4.431673	77785.89	0	2963.851
Statewide Totals	2000	LDT2	Aggregate	Aggregate	Diesel	536.8302	14153.84058	14153.84	0	2256.528	0	0.025962	0	0	0.025962	0.004236	0	0	0.004236	3.12E-05	5.63E-05	0.004324	0.004428	0	0	0.004428	0.000125	0.000161	0.004713	7.862356	0	0
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Gasoline	455853.5	18224522.24	18224522	0	6791538	0	33.37482	0.019849	2.672297	36.06697	0.157139	0	0.016619	0.173758	0.040178	0.548432	0.762369	0.170371	0	0.017923	0.188293	0.160713	1.56695	1.915956	20033.84	63.7458	215.0483
Statewide Totals	2000	LHDT1	Aggregate	Aggregate	Diesel	156454.2	6667507.011	6667507	0	1967997	0	57.69718	0.447726	0	58.14491	0.538792	0.010164	0	0.548956	0.022049	0.200646	0.771651	0.563154	0.010624	0	0.573778	0.088196	0.573274	1.235248	4255.438	24.75287	0
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Gasoline	64264.62	2461595.474	2461595	0	957447.1	0	4.646945	0.002796	0.375582	5.025323	0.02245	0	0.002589	0.025038	0.005427	0.086423	0.116888	0.024292	0	0.002783	0.027075	0.021708	0.246923	0.295706	3077.603	10.36628	34.91631
Statewide Totals	2000	LHDT2	Aggregate	Aggregate	Diesel	45991.92	1895768.951	1895769	0	578520.5	0	16.73296	0.131615	0	16.86458	0.151209	0.002737	0	0.153947	0.006269	0.066558	0.226774	0.158046	0.002861	0	0.160908	0.025077	0.190165	0.376149	1320.819	10.65682	0
Statewide Totals	2000	MCY	Aggregate	Aggregate	Gasoline	312832.7	1787569.248	1787569	0	625665.4	0	2.540545	0	0.220489	2.761034	0.020349	0	0.011909	0.032258	0.00197	0.008276	0.042505	0.021355	0	0.01249	0.033844	0.007882	0.023645	0.065372	445.2549	0	57.68817
Statewide Totals	2000	MDV	Aggregate	Aggregate	Gasoline	1845956	71542759.12	71542759	0	8879033	0	103.7947	0	16.41468	120.2094	0.691513	0	0.129746	0.821259	0.157725	0.241207	1.220191	0.748147	0	0.140307	0.888453	0.6309	0.689162	2.208515	41682.89	0	1579.362
Statewide Totals	2000	MDV	Aggregate	Aggregate	Diesel	10715.36	266653.4476	266653.4	0	44876.72	0	0.492851	0	0	0.492851	0.083125	0	0	0.083125	0.000588	0.001054	0.084767	0.086883	0	0	0.086883	0.002351	0.003012	0.092246	165.0222	0	0
Statewide Totals	2000	MH	Aggregate	Aggregate	Gasoline	249175.9	2102255.942	2102256	0	24927.56	0	7.585046	0	0.010593	7.595639	0.025119	0	0.000118	0.025237	0.006952	0.035869	0.068058	0.026897	0	0.000125	0.027022	0.027808	0.102483	0.157313	4574.041	0	1.692686
Statewide Totals	2000	MH	Aggregate	Aggregate	Diesel	11010.34	129992.5407	129992.5	0	1101.034	0	1.647796	0	0	1.647796	0.037952	0	0	0.037952	0.000573	0.00221	0.040736	0.039668	0	0	0.039668	0.002293	0.006315	0.048276	152.0889	0	0
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Gasoline	85582.36	3476501.835	3476502	0	1712332	0	15.23531	0.007604	0.992724	16.23564	0.043866	0	0.013464	0.05733	0.011497	0.059344	0.128171	0.047013	0	0.014218	0.061231	0.045986	0.169555	0.276773	7535.28	54.06584	176.6874
Statewide Totals	2000	MHDT	Aggregate	Aggregate	Diesel	168694.8	10002588.56	10002589	0	2030696	0	141.9593	6.415234	0	148.3746	5.360118	0.217347	0	5.577465	0.033078	0.171056	5.781598	5.602479	0.227174	0	5.829653	0.132312	0.48873	6.450695	13222.29	410.678	0
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Gasoline	8661.918	445070.8638	445070.9	0	173307.7	0	2.035105	0.000575	0.105128	2.140808	0.003295	0	0.000741	0.004036	0.001472	0.007612	0.01312	0.003551	0	0.000785	0.004335	0.005887	0.021749	0.031971	931.3112	3.804412	11.08419
Statewide Totals	2000	OBUS	Aggregate	Aggregate	Diesel	7325.669	652076.7269	652076.7	0	101407.5	0	11.74947	0.524799	0	12.27427	0.523672	0.014974	0	0.538647	0.002156	0.017029	0.557832	0.54735	0.015651	0	0.563002	0.008625	0.048653	0.62028	1026.215	35.12908	0
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Gasoline	4474.215	224020.1594	224020.2	0	17896.86	0	0.773454	0.004081	0.009411	0.786947	0.004944	0	0.000209	0.005154	0.000494	0.003936	0.009583	0.005239	0	0.000221	0.00546	0.001976	0.011245	0.018681	242.6689	13.57408	1.832157
Statewide Totals	2000	SBUS	Aggregate	Aggregate	Diesel	16459.3	464026.3018	464026.3	0	238330.6	0	6.847146	0.567929	0	7.415076	0.314608	0.022302	0	0.33691	0.001535	0.008163	0.346608	0.328833	0.023311	0	0.352144	0.006138	0.023323	0.381605	646.3028	36.87474	0
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Gasoline	562.0349	39387.95871	39387.96	0	2248.14	0	0.106139	0	0.002292	0.108432	0.000152	0	3.69E-06	0.000156	0.000114	0.001566	0.001836	0.000166	0	4.02E-06	0.00017	0.000457	0.004473	0.0051	73.52023	0	0.291123
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Diesel	7610.327	874779.8905	874779.9	0	30441.31	0	19.31178	0	0	19.31178	0.126453	0	0	0.126453	0.007627	0.036913	0.170993	0.132171	0	0	0.132171	0.030507	0.105466	0.268145	1814.512	0	0
Statewide Totals	2000	UBUS	Aggregate	Aggregate	Natural Ga	1861.631	199171.5111	199171.5	0	7414.524	0	3.000618	0	0	3.000618	0.004221	0	0	0.004221	0.001801	0.008442	0.014464	0.004412	0	0	0.004412	0.007203	0.024121	0.035736	369.5404	0	0
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Gasoline	6623.876	407826.2019	407826.2	0	132530.5	0	7.996926	0	0.057571	8.054497	0.004852	0	0.001524	0.006376	0.002248	0.017942	0.026566	0.005162	0	0.001601	0.006763	0.008991	0.051262	0.067016	1200.415	0	20.79911
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Diesel	180027.9	34720083.44	34720083	0	2597929	0	825.4117	37.64796	0	863.0596	23.75908	0.843311	0	24.60239	0.339499	1.390899	26.33278	24.83336	0.881442	0	25.7148	1.357994	3.973996	31.04679	67234.1	2448.833	0
Statewide Totals	2001	HHDT	Aggregate	Aggregate	Natural Ga	44.68943	4316.772844	4316.773	0	205.5714	0	0.158572	0.000497	0	0.159069	0.00019	2.06E-08	0	0.00019	4.28E-05	0.00035	0.000582	0.000206	2.24E-08	0	0.000206	0.000171	0.000999	0.001377	13.95892	0.362637	0
Statewide Totals	2001	LDA	Aggregate	Aggregate	Gasoline	13308544	470242123.6	4.7E+08	0	62270350	0	361.7806	0	73.10608	434.8867	4.951452	0	0.870093	5.821544	1.036707	1.402176	8.260427	5.369953	0	0.941116	6.311069	4.146829	4.006216	14.46411	189574.3	0	8066.643
Statewide Totals	2001	LDA	Aggregate	Aggregate	Diesel	98459	2309416.956	2309417	0	409225.5	0	4.229092	0	0	4.229092	0.693368	0	0	0.693368	0.005091	0.007186	0.705645	0.72472	0	0	0.72472	0.020366	0.02053	0.765615	918.4808	0	0
Statewide Totals	2001	LDA	Aggregate	Aggregate	Electricity	1206.082	32532.3617	0	32532.36	5766.173	12560.18	0	0	0	0	0	0	0	0	7.17E-05	5.49E-05	0.000127	0	0	0	0	0.000287	0.000157	0.000444	0	0	0
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Gasoline	2278708	74688562.89	74688563	0	10357793	0	97.5069	0	15.03846	112.5454	1.020137	0	0.177506	1.197643	0.16466	0.26363	1.625934	1.10073	0	0.190992	1.291722	0.658641	0.75323	2.703593	34645.14	0	1621.184
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Diesel	6959.048	174638.8634	174638.9	0	29126.52	0	0.308829	0	0	0.308829	0.048262	0	0	0.048262	0.000385	0.000681	0.049328	0.050444	0	0	0.050444	0.00154	0.001947	0.053931	83.61976	0	0
Statewide Totals	2001	LDT1	Aggregate	Aggregate	Electricity	517.901	13678.34947	0	13678.35	2458.132	5280.972	0	0	0	0	0	0	0	0	3.02E-05	2.31E-05	5.33E-05	0	0	0	0	0.000121	6.61E-05	0.000187	0	0	0
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Gasoline	3920021	144945820.5	1.45E+08	0	18709138	0	183.3265	0	39.43015	222.7566	1.328607	0	0.21092	1.539527	0.319551	0.496985	2.356063	1.439561	0	0.2282	1.667761	1.278204	1.419957	4.365922	80162.21	0	3101.688
Statewide Totals	2001	LDT2	Aggregate	Aggregate	Diesel	512.1679	13351.03581	13351.04	0	2157.592	0	0.024446	0	0	0.024446	0.003625	0	0	0.003625	2.94E-05	5.24E-05	0.003707	0.003789	0	0	0.003789	0.000118	0.00015	0.004057	7.254412	0	0
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Gasoline	492415.3	19024878.56	19024879	0	7336255	0	31.34914	0.021599	3.000658	34.3714	0.148448	0	0.016464	0.164912	0.041943	0.572518	0.779372	0.160997	0	0.017768	0.178765	0.167771	1.635764	1.9823	20852.43	68.90289	227.0778
Statewide Totals	2001	LHDT1	Aggregate	Aggregate	Diesel	178121.2	7496566.727	7496567	0	2240540	0	66.54267	0.50973	0	67.0524	0.541379	0.010452	0	0.551831	0.024791	0.225595	0.802216	0.565857	0.010925	0	0.576782	0.099163	0.644557	1.320502	4785.25	28.18043	0
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Gasoline	66390.19	2445772.607	2445773	0	989114.9	0	4.171891	0.002909	0.407301	4.582101	0.020371	0	0.002503	0.022874	0.005392	0.085868	0.114134	0.022042	0	0.002691	0.024733	0.021568	0.245336	0.291637	3049.261	10.71528	35.4393
Statewide Totals	2001	LHDT2	Aggregate	Aggregate	Diesel	49581.18	1981615.854	1981616	0	623668.9	0	17.85119	0.141887	0	17.99307	0.145196	0.002717	0	0.147913	0.006553	0.069572	0.224038	0.151761	0.00284	0	0.154601	0.026212	0.198777	0.37959	1382.844	11.64514	0
Statewide Totals	2001	MCY	Aggregate	Aggregate	Gasoline	382978.1	2460009.887	2460010	0	765956.3	0	3.485428	0	0.266751	3.75218	0.021292	0	0.012334	0.033625	0.002712	0.011389	0.047726	0.022366	0	0.012942	0.035308	0.010847	0.03254	0.078695	609.2118	0	70.32948
Statewide Totals	2001	MDV	Aggregate	Aggregate	Gasoline	2175319	82297944	82297944	0	10505898	0	101.458	0	19.43136	120.8894	0.677095	0	0.132875	0.80997	0.181436	0.275727	1.267133	0.732847	0	0.143753	0.8766	0.725744	0.787791	2.390135	48085.42	0	1822.969
Statewide Totals	2001	MDV	Aggregate	Aggregate	Diesel	9878.163	229909.0394	229909	0	40893.13	0	0.423727	0	0	0.423727	0.070614	0	0	0.070614	0.000507	0.000914	0.072035	0.073807	0	0	0.073807	0.002027	0.00261	0.078445	141.9564	0	0
Statewide Totals	2001	MH	Aggregate	Aggregate	Gasoline	241621	1967862.72	1967863	0	24171.77	0	6.583919	0	0.010304	6.594223	0.022016	0	0.000109	0.022125	0.006508	0.033578	0.062211	0.023578	0	0.000115	0.023693	0.02603	0.095938	0.145662	4269.969	0	1.59578
Statewide Totals	2001	MH	Aggregate	Aggregate	Diesel	12779.6	147756.8105	147756.8	0	1277.96	0	1.86144	0	0	1.86144	0.039974	0	0	0.039974	0.000651	0.002512	0.043138	0.041782	0	0	0.041782	0.002606	0.007177	0.051565	172.3908	0	0
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Gasoline	81793.5	3226149.955	3226150	0	1636524	0	13.5007	0.007304	0.959661	14.46767	0.036849	0	0.012255	0.049105	0.010669	0.055049	0.114822	0.039511	0	0.012944	0.052454	0.042675	0.157284	0.252412	6961.643	51.69578	165.5635
Statewide Totals	2001	MHDT	Aggregate	Aggregate	Diesel	183194.1	9985419.064	9985419	0	2209555	0	141.2828	7.162695	0	148.4455	5.025018	0.218039	0	5.243057	0.033021	0.170763	5.446841	5.252227	0.227897	0	5.480125	0.132084	0.487893	6.100102	13154.28	452.1182	0
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Gasoline	9376.588	485546.7757	485546.8	0	187606.8	0	1.970934	0.000631	0.108137	2.079701	0.00296	0	0.000694	0.003654	0.001606	0.008304	0.013564	0.003193	0	0.000735	0.003927	0.006423	0.023726	0.034076	1014.14	4.120626	11.3466
Statewide Totals	2001	OBUS	Aggregate	Aggregate	Diesel	8139.148	650961.4923	650961.5	0	114338.5	0	11.7338	0.610437	0	12.34424	0.497033	0.01664	0	0.513673	0.002153	0.016999	0.532825	0.519507	0.017392	0	0.536899	0.008611	0.048569	0.594079	1022.221	40.56154	0
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Gasoline	4257.865	205602.6824	205602.7	0	17031.46	0	0.736078	0.003891	0.009312	0.749281	0.004325	0	0.000188	0.004513	0.000453	0.003612	0.008579	0.004587	0	0.000199	0.004786	0.001813	0.01032	0.016919	223.1693	12.92129	1.749473
Statewide Totals	2001	SBUS	Aggregate	Aggregate	Diesel	16459.22	463206.035	463206	0	238329.4	0	6.808995	0.584513	0	7.393508	0.299967	0.020979	0	0.320946	0.001532	0.008149	0.330626	0.31353	0.021928	0	0.335457	0.006127	0.023282	0.364866	642.9871	37.40796	0
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Gasoline	493.3062	38065.7571	38065.76	0	1973.225	0	0.090135	0	0.002057	0.092191	0.000143	0	3.19E-06	0.000147	0.00011	0.001507	0.001763	0.000156	0	3.47E-06	0.000159	0.000438	0.004306	0.004904	70.4948	0	0.246092
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Diesel	7829.577	834169.8664	834169.9	0	31318.31	0	18.32162	0	0	18.32162	0.11717	0	0	0.11717	0.007236	0.035202	0.159608	0.122468	0	0	0.122468	0.028944	0.100577	0.251989	1713.117	0	0
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Electricity	34.31405	986.8338354	0	986.8338	137.2562	2007.697	0	0	0	0	0	0	0	0	1.25E-06	7.99E-06	9.24E-06	0	0	0	0	4.98E-06	2.28E-05	2.78E-05	0	0	0
Statewide Totals	2001	UBUS	Aggregate	Aggregate	Natural Ga	2425.005	264093.7951	264093.8	0	9700.02	0	4.042873	0	0	4.042873	0.005598	0	0	0.005598	0.002404	0.011196	0.019198	0.005851	0	0	0.005851	0.009615	0.031989	0.047455	526.6049	0	0
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Gasoline	5817.393	382891.1421	382891.1	0	116394.4	0	6.691537	0	0.044552	6.736089	0.004099	0	0.001321	0.00542	0.00211	0.016884	0.024415	0.004359	0	0.001388	0.005747	0.008441	0.048241	0.06243	1122.301	0	18.18651
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Diesel	174735.4	35500867.13	35500867	0	2547079	0	842.3105	39.54908	0	881.8595	23.20254	0.796912	0	23.99945	0.347132	1.421658	25.76824	24.25165	0.832945	0	25.0846	1.388529	4.061881	30.53501	68507.22	2529.258	0
Statewide Totals	2002	HHDT	Aggregate	Aggregate	Natural Ga	184.8037	17254.8382	17254.84	0	850.0972	0	0.646651	0.002056	0	0.648708	0.000801	8.5E-08	0	0.000801	0.000171	0.001398	0.00237	0.000871	9.25E-08	0	0.000871	0.000685	0.003994	0.00555	57.18027	1.50519	0
Statewide Totals	2002	LDA	Aggregate	Aggregate	Gasoline	13337654	489768886.2	4.9E+08	0	62474621	0	344.4293	0	70.57658	415.0058	4.575568	0	0.786575	5.362142	1.079756	1.458797	7.900695	4.962699	0	0.85078	5.813479	4.319025	4.16799	14.3005	196187.4	0	7921.649
Statewide Totals	2002	LDA	Aggregate	Aggregate	Diesel	91859.46	2213249.294	2213249	0	380198.5	0	4.050015	0	0	4.050015	0.621911	0	0	0.621911	0.004879	0.006859	0.633649	0.650031	0	0	0.650031	0.019518	0.019596	0.689145	866.8714	0	0
Statewide Totals	2002	LDA	Aggregate	Aggregate	Electricity	4877.048	159630.9694	0	159631	24685.49	61630.73	0	0	0	0	0	0	0	0	0.000352	0.000268	0.00062	0	0	0	0	0.001408	0.000766	0.002174	0	0	0
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Gasoline	2148790	73247238.67	73247239	0	9780555	0	86.10996	0	13.43521	99.54516	0.898942	0	0.153084	1.052026	0.161483	0.258148	1.471656	0.97001	0	0.164732	1.134742	0.645931	0.737564	2.518237	33902.39	0	1494.849

Statewide Totals	2002	LDT1	Aggregate	Aggregate	Diesel	6305.647	163327.9703	163328	0	26274.88	0	0.290334	0	0	0.290334	0.042684	0	0	0.042684	0.00036	0.000634	0.043678	0.044614	0	0	0.044614	0.00144	0.001812	0.047866	79.57054	0	0
Statewide Totals	2002	LDT1	Aggregate	Aggregate	Electricity	1147.096	34539.9203	0	34539.92	5644.104	13335.26	0	0	0	0	0	0	0	0	7.61E-05	5.83E-05	0.000134	0	0	0	0	0.000305	0.000166	0.000471	0	0	0
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Gasoline	3918886	149373101.5	1.49E+08	0	18684596	0	175.601	0	38.11815	213.7191	1.231894	0	0.192798	1.424692	0.329312	0.513219	2.267222	1.335023	0	0.208655	1.543678	1.317246	1.466339	4.327263	82350.29	0	3051.144
Statewide Totals	2002	LDT2	Aggregate	Aggregate	Diesel	451.8937	11878.69356	11878.69	0	1885.584	0	0.021761	0	0	0.021761	0.003124	0	0	0.003124	2.62E-05	4.68E-05	0.003197	0.003265	0	0	0.003265	0.000105	0.000134	0.003504	6.412166	0	0
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Gasoline	522118.7	21004483.39	21004483	0	7778791	0	30.50753	0.02308	3.305576	33.83619	0.147196	0	0.01592	0.163115	0.046307	0.63209	0.841512	0.15968	0	0.017192	0.176872	0.185228	1.805971	2.168071	23007.4	73.21497	235.6265
Statewide Totals	2002	LHDT1	Aggregate	Aggregate	Diesel	200223.6	8870250.046	8870250	0	2518560	0	76.80202	0.57298	0	77.375	0.597638	0.010655	0	0.608293	0.029333	0.266933	0.904559	0.624661	0.011136	0	0.635797	0.117333	0.762667	1.515797	5660.516	31.676	0
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Gasoline	65154.99	2546235.315	2546235	0	970712.3	0	3.593662	0.002887	0.423389	4.019939	0.017745	0	0.002054	0.019799	0.005613	0.089395	0.114807	0.019221	0	0.002211	0.021432	0.022454	0.255414	0.2993	3160.759	10.53983	33.35012
Statewide Totals	2002	LHDT2	Aggregate	Aggregate	Diesel	52321.03	2177788.844	2177789	0	658132.8	0	19.40592	0.149727	0	19.55565	0.148762	0.00261	0	0.151373	0.007202	0.076459	0.235034	0.155489	0.002728	0	0.158217	0.028807	0.218455	0.405479	1521.178	12.45874	0
Statewide Totals	2002	MCY	Aggregate	Aggregate	Gasoline	416160.3	2841545.875	2841546	0	832320.6	0	4.022184	0	0.288019	4.310203	0.021928	0	0.01228	0.034209	0.003132	0.013156	0.050496	0.023047	0	0.01289	0.035937	0.012529	0.037587	0.086053	703.3983	0	76.37036
Statewide Totals	2002	MDV	Aggregate	Aggregate	Gasoline	2503500	99070972.16	99070972	0	12135511	0	104.0692	0	22.50571	126.5749	0.701861	0	0.134047	0.835908	0.218414	0.329773	1.384095	0.759989	0	0.145086	0.905075	0.873657	0.942208	2.72094	58151.28	0	2065.801
Statewide Totals	2002	MDV	Aggregate	Aggregate	Diesel	9664.431	235730.7362	235730.7	0	39962.05	0	0.434675	0	0	0.434675	0.066684	0	0	0.066684	0.00052	0.000921	0.068126	0.0697	0	0	0.0697	0.002079	0.002633	0.074411	143.3651	0	0
Statewide Totals	2002	MH	Aggregate	Aggregate	Gasoline	227051.5	1913801.01	1913801	0	22714.24	0	5.945795	0	0.009671	5.955466	0.019916	0	9.55E-05	0.020012	0.006329	0.032653	0.058994	0.021339	0	0.000101	0.02144	0.025315	0.093294	0.140049	4145.641	0	1.44936
Statewide Totals	2002	MH	Aggregate	Aggregate	Diesel	14200.71	172641.0465	172641	0	1420.071	0	2.164174	0	0	2.164174	0.043367	0	0	0.043367	0.000761	0.002935	0.047063	0.045327	0	0	0.045327	0.003045	0.008385	0.056758	200.9391	0	0
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Gasoline	76122.42	3188783.738	3188784	0	1523057	0	12.55231	0.006842	0.906563	13.46572	0.032	0	0.010671	0.042671	0.010545	0.054397	0.107614	0.034327	0	0.011272	0.045599	0.04218	0.155421	0.243201	6856.686	48.20816	149.9205
Statewide Totals	2002	MHDT	Aggregate	Aggregate	Diesel	176957.7	10213233.84	10213234	0	2108494	0	143.956	7.158377	0	151.1144	4.857484	0.198867	0	5.056351	0.033774	0.174658	5.264784	5.077118	0.207859	0	5.284977	0.135098	0.499024	5.919099	13409.24	446.4331	0
Statewide Totals	2002	OBUS	Aggregate	Aggregate	Gasoline	10751.77	613600.9181	613600.9	0	215121.4	0	2.172108	0.000733	0.11808	2.290922	0.002955	0	0.000629	0.003584	0.002029	0.010487	0.0161	0.003192	0	0.000667	0.003859	0.008117	0.029962	0.041938	1279.379	4.734768	11.76782
Statewide Totals	2002	OBUS	Aggregate	Aggregate	Diesel	9859.364	665936.5287	665936.5	0	123915.5	0	11.83558	0.564581	0	12.40016	0.437301	0.014828	0	0.452128	0.002202	0.017389	0.47172	0.457073	0.015498	0	0.472572	0.008809	0.049684	0.531065	1040.262	37.15424	0
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Gasoline	4120.084	203794.9247	203794.9	0	16480.34	0	0.754312	0.003789	0.00919	0.767292	0.003893	0	0.000163	0.004056	0.000449	0.003583	0.008088	0.004135	0	0.000173	0.004308	0.001797	0.010237	0.016342	222.1093	12.52847	1.687416
Statewide Totals	2002	SBUS	Aggregate	Aggregate	Diesel	16459.23	473799.0797	473799.1	0	238329.7	0	6.941696	0.5988	0	7.540496	0.293805	0.019299	0	0.313104	0.001567	0.008335	0.323006	0.30709	0.020171	0	0.327261	0.006267	0.023814	0.357343	655.0768	37.88272	0
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Gasoline	603.2843	55234.29009	55234.29	0	2413.137	0	0.102049	0	0.002576	0.104625	0.000175	0	3.71E-06	0.000179	0.000164	0.002217	0.002559	0.00019	0	4.03E-06	0.000194	0.000654	0.006334	0.007182	108.7473	0	0.292282
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Diesel	7222.408	815977.5913	815977.6	0	28889.63	0	17.95269	0	0	17.95269	0.114108	0	0	0.114108	0.007089	0.034423	0.15562	0.119267	0	0	0.119267	0.028356	0.098352	0.245975	1678.352	0	0
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Electricity	36.34456	1210.080964	0	1210.081	145.3782	2444.231	0	0	0	0	0	0	0	0	1.37E-06	8.79E-06	1.02E-05	0	0	0	0	5.48E-06	2.51E-05	3.06E-05	0	0	0
Statewide Totals	2002	UBUS	Aggregate	Aggregate	Natural Ga:	2980.783	368294.6983	368294.7	0	11923.13	0	5.779232	0	0	5.779232	0.007908	0	0	0.007908	0.003446	0.015617	0.026971	0.008266	0	0	0.008266	0.013784	0.044619	0.066669	752.2232	0	0
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Gasoline	5777.528	363697.3589	363697.4	0	115596.8	0	5.947756	0	0.043974	5.99173	0.0037	0	0.001314	0.005014	0.002005	0.016029	0.023048	0.003933	0	0.00138	0.005313	0.008018	0.045798	0.059129	1050.65	0	17.91827
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Diesel	197939.1	34527309.84	34527310	0	2825932	0	795.851	42.86918	0	838.7202	22.02822	0.81229	0	22.84051	0.33761	1.382531	24.56065	23.02424	0.849018	0	23.87326	1.350442	3.95009	29.17379	66471.27	2717.239	0
Statewide Totals	2003	HHDT	Aggregate	Aggregate	Natural Ga:	249.5935	20580.75208	20580.75	0	1148.13	0	0.718359	0.002777	0	0.721136	0.001145	1.15E-07	0	0.001145	0.000204	0.001667	0.003017	0.001245	1.25E-07	0	0.001246	0.000817	0.004764	0.006826	67.6419	2.034208	0
Statewide Totals	2003	LDA	Aggregate	Aggregate	Gasoline	13289987	475681261.1	4.76E+08	0	62230479	0	308.5092	0	67.77203	376.2812	3.995369	0	0.717325	4.712694	1.048698	1.416642	7.178034	4.333443	0	0.775782	5.109225	4.194794	4.047548	13.35157	187391.8	0	7655.406
Statewide Totals	2003	LDA	Aggregate	Aggregate	Diesel	87016.24	2046950.79	2046951	0	359391.1	0	3.748943	0	0	3.748943	0.531416	0	0	0.531416	0.004513	0.006307	0.542236	0.555444	0	0	0.555444	0.018051	0.018019	0.591515	787.5572	0	0
Statewide Totals	2003	LDA	Aggregate	Aggregate	Electricity	11625.39	372979.3147	0	372979.3	59050.27	144000.8	0	0	0	0	0	0	0	0	0.000822	0.000627	0.001449	0	0	0	0	0.003289	0.001792	0.005081	0	0	0
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Gasoline	2113483	69150105.48	69150105	0	9563720	0	78.36982	0	12.81988	91.1897	0.808757	0	0.14296	0.951717	0.15245	0.245993	1.350161	0.87275	0	0.153857	1.026607	0.6098	0.702839	2.339246	31633.8	0	1431.776
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Diesel	6105.64	151046.6433	151046.6	0	25181.53	0	0.268563	0	0	0.268563	0.038654	0	0	0.038654	0.000333	0.00059	0.039576	0.040401	0	0	0.040401	0.001332	0.001685	0.043418	73.98015	0	0
Statewide Totals	2003	LDT1	Aggregate	Aggregate	Electricity	1431.451	41386.72915	0	41386.73	7007.687	15978.69	0	0	0	0	0	0	0	0	9.12E-05	6.99E-05	0.000161	0	0	0	0	0.000365	0.0002	0.000565	0	0	0
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Gasoline	4205849	156093679.6	1.56E+08	0	20045006	0	168.1114	0	39.63887	207.7503	1.156706	0	0.189993	1.346699	0.344128	0.536669	2.227496	1.253653	0	0.205657	1.45931	1.376512	1.533341	4.369163	84727.58	0	3180.091
Statewide Totals	2003	LDT2	Aggregate	Aggregate	Diesel	454.4636	11407.07603	11407.08	0	1876.335	0	0.020841	0	0	0.020841	0.002964	0	0	0.002964	2.51E-05	4.53E-05	0.003035	0.003098	0	0	0.003098	0.000101	0.000129	0.003329	6.136531	0	0
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Gasoline	578816.3	22781594.54	22781595	0	8623500	0	29.24376	0.025755	3.803179	33.0727	0.145099	0	0.016343	0.161441	0.050225	0.685569	0.897235	0.15743	0	0.017656	0.175085	0.200899	1.958768	2.334753	24605.53	80.29905	253.2252
Statewide Totals	2003	LHDT1	Aggregate	Aggregate	Diesel	239706	10498692	10498692	0	3015199	0	89.2198	0.685967	0	89.90577	0.664131	0.011606	0	0.675737	0.034718	0.315938	1.026394	0.69416	0.012131	0	0.706291	0.138874	0.902681	1.747845	6689.273	37.92544	0
Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Gasoline	68228.9	2579277.939	2579278	0	1016509	0	3.310783	0.003041	0.465494	3.779318	0.016295	0	0.001934	0.018229	0.005686	0.090555	0.11447	0.017662	0	0.002086	0.019748	0.022745	0.258728	0.301221	3153.749	10.91816	33.72151
Statewide Totals	2003	LHDT2	Aggregate	Aggregate	Diesel	58854.67	2383111.297	2383111	0	740317.7	0	20.95253	0.168425	0	21.12095	0.156205	0.002734	0	0.158939	0.007881	0.083668	0.250488	0.163268	0.002858	0	0.166126	0.031523	0.239051	0.4367	1664.785	14.15262	0
Statewide Totals	2003	MCY	Aggregate	Aggregate	Gasoline	450619	3061168.678	3061169	0	901238	0	4.328436	0	0.310042	4.638478	0.021328	0	0.012193	0.033522	0.003374	0.014172	0.051068	0.022428	0	0.012803	0.035231	0.013497	0.040492	0.089221	748.2105	0	81.60482
Statewide Totals	2003	MDV	Aggregate	Aggregate	Gasoline	2891783	111625662.2	1.12E+08	0	14024281	0	105.5331	0	25.97159	131.5047	0.702812	0	0.138742	0.841554	0.246093	0.371769	1.459415	0.761376	0	0.15024	0.911616	0.984371	1.062198	2.958185	64871.51	0	2327.823
Statewide Totals	2003	MDV	Aggregate	Aggregate	Diesel	8920.203	205636.0276	205636	0	36433.82	0	0.378133	0	0	0.378133	0.057576	0	0	0.057576	0.000453	0.000811	0.05884	0.060179	0	0	0.060179	0.001813	0.002316	0.064308	124.801	0	0
Statewide Totals	2003	MH	Aggregate	Aggregate	Gasoline	224465.1	1856844.129	1856844	0	22455.49	0	5.270405	0	0.009623	5.280028	0.018064	0	9.06E-05	0.018154	0.00614	0.031674	0.055969	0.019352	0	9.6E-05	0.019448	0.024562	0.090498	0.134508	3965.614	0	1.387627
Statewide Totals	2003	MH	Aggregate	Aggregate	Diesel	17289.15	207174.1969	207174.2	0	1728.915	0	2.394869	0	0	2.394869	0.052006	0	0	0.052006	0.000913	0.00352	0.056439	0.054358	0	0	0.054358	0.003654	0.010056	0.068068	240.2136	0	0
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Gasoline	78465.17	3199910.665	3199911	0	1569931	0	12.39708	0.007081	0.945128	13.34929	0.029631	0	0.010388	0.040018	0.010582	0.05457	0.10517	0.031807	0	0.010978	0.042784	0.042328	0.155914	0.241026	6787.839	49.15329	148.8638
Statewide Totals	2003	MHDT	Aggregate	Aggregate	Diesel	206041.2	9934236.5	9934237	0	2448737	0	135.8654	8.571561	0	144.4369	4.57667	0.216031	0	4.792701	0.032852	0.169888	4.995441	4.783607	0.225799	0	5.009406	0.131407	0.485395	5.626208	13009.84	527.9367	0
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Gasoline	11072.58	620553.3367	620553.3	0	221540.2	0	2.099535	0.00076	0.11934	2.219635	0.002662	0	0.000592	0.003253	0.002052	0.010602	0.015908	0.002876	0	0.000628	0.003504	0.008209	0.030292	0.042004	1277.971	4.822847	11.60147
Statewide Totals	2003	OBUS	Aggregate	Aggregate	Diesel	9140.015	647743.8675	647743.9	0	113185.8	0	11.45333	0.506349	0	11.95968	0.441995	0.012903	0	0.454898	0.002142	0.016914	0.473954	0.46198	0.013486	0	0.475466	0.008568	0.048326	0.53236	1011.782	33.09027	0
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Gasoline	4338.855	207877.8517	207877.9	0	17355.42	0	0.764328	0.004015	0.00988	0.778223	0.003724	0	0.000161	0.003884	0.000458	0.003655	0.007997	0.003958	0	0.00017	0.004128	0.001833	0.010442	0.016403	223.81	13.05236	1.754813
Statewide Totals	2003	SBUS	Aggregate	Aggregate	Diesel	16458.96	460818.5661	460818.6	0	238325.8	0	6.531383	0.618087	0	7.14947	0.275148	0.017986	0	0.293133	0.001524	0.008107	0.302764	0.287589	0.018799	0	0.306387	0.006096	0.023162	0.335645	635.1633	38.49724	0
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Gasoline	598.2116	52382.42903	52382.43	0	2392.846	0	0.080052	0	0.002712	0.082764	0.000154	0	3.63E-06	0.000158	0.000154	0.002098	0.00241	0.000168	0	3.95E-06	0.000172	0.000618	0.005993	0.006783	100.8591	0	0.28734
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Diesel	7371.129	802302.4538	802302.5	0	29484.52	0	17.40906	0	0	17.40906	0.10855	0	0	0.10855	0.006886	0.033827	0.149263	0.113458	0	0	0.113458	0.027546	0.096648	0.237652	1628.575	0	0
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Electricity	34.62832	1080.683258	0	1080.683	138.5133	2193.564	0	0	0	0	0	0	0	0	9.03E-07	5.8E-06	6.7E-06	0	0	0	0	3.61E-06	1.66E-05	2.02E-05	0	0	0
Statewide Totals	2003	UBUS	Aggregate	Aggregate	Natural Ga:	3246.019	426714.5407	426714.5	0	12984.07	0	6.665509	0	0	6.665509	0.009104	0	0	0.009104	0.003961	0.018096	0.031161	0.009516	0	0	0.009516	0.015843	0.051702	0.077061	869.0972	0	0
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Gasoline	5818.294	452435.0035	452435	0	116412.4	0	5.379481	0	0.038121	5.417602	0.003179	0	0.001199	0.004378	0.002494	0.019881	0.026753	0.003379	0	0.00126	0.004639	0.009974	0.056802	0.071415	1266.101	0	17.05778
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Diesel	206852.9	36874324.39	36874324	0	2992787	0	803.3157	48.23825	0	851.5539	23.74439	0.832728	0	24.57712	0.360558	1.476326	26.414	24.818	0.87038	0	25.68839	1.442232	4.218073	31.34869	70839.11	3018.428	0
Statewide Totals	2004	HHDT	Aggregate	Aggregate	Natural Ga:	295.5182	25983.70941	25983.71	0	1359.384	0	0.866126	0.003288	0	0.869414	0.001591	1.36E-07	0	0.001591	0.000258	0.002105	0.003954	0.001731	1.48E-07	0	0.001731	0.001031	0.006015	0.008777	84.91861	2.408612	0
Statewide Totals	2004	LDA	Aggregate	Aggregate	Gasoline	13615726	474894518.6	4.75E+08	0	63711787	0	276.281	0	63.66231	339.9433	3.493194	0	0.657976	4.15117	1.046964	1.41533	6.613464	3.788767	0	0.711524	4.50029	4.187856	4.0438	12.73195	186154.7	0	7661.005
Statewide Totals	2004	LDA	Aggregate	Aggregate	Diesel	83595.53	1894903.019	1894903	0	343401.1	0	3.474424	0	0	3.474424	0.464222	0	0	0.464222	0.004178	0.005825	0.474225	0.485212	0	0	0.485212	0.01671	0.016644	0.518566	719.9765	0	0
Statewide Totals	2004	LDA	Aggregate	Aggregate	Electricity	9437.108	284745.8628	0	284745.9	47365.81	109935.4	0	0	0	0	0	0	0	0	0.000628	0.00048	0.001107	0	0	0	0	0.002511	0.00137	0.003881	0	0	0
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Gasoline	2016967	63407313.17	63407313	0	9072282	0	68.11512	0	11.5441	79.65922	0.703005	0	0.129148	0.832154	0.139789	0.227393	1.199336	0.758603	0	0.138996	0.897599	0.559157	0.649695	2.106451	28867.72	0	1339.91
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Diesel	5953.364	143742.3549	143742.4	0	24445.31	0	0.257075	0	0	0.257075	0.034852	0	0	0.034852	0.000317	0.000558	0.035727	0.036428	0	0	0.036428	0.001268	0.001593	0.039289	71.4847	0	0
Statewide Totals	2004	LDT1	Aggregate	Aggregate	Electricity	1417.124	38509.13788	0	38509.14	6854.584	14867.71	0	0	0	0	0	0	0	0	8.49E-05	6.51E-05	0.00015	0	0	0	0	0.00034	0.000186	0.000526	0	0	0
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Gasoline	4427127	160266368.7	1.6E+08	0	21093497	0	152.5263	0	37.57583	190.1021	1.026122	0	0.176329	1.202451	0.353327	0.551413	2.107191	1.11211	0	0.19087	1.30298	1.413309	1.575465	4.291754	85796.97	0	3255.371
Statewide Totals	2004	LDT2	Aggregate	Aggregate	Diesel	390.4778	9447.348409	9447.348	0	1602.857	0	0.017348	0	0	0.017348	0.002363	0	0	0.002363	2.08E-05	3.73E-05	0.002422	0.00247	0	0	0.00247	8.33E-05	0.000107	0.00266	5.050497	0	0
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Gasoline	607165.5	23030737.29	23030737	0	9045861	0	27.2305	0.02714	4.296216	31.55386	0.132833	0	0.015742	0.148576	0.050774	0.693066	0.892416	0.144144	0	0.017015	0.161159	0.203096	1.980189	2.344445	24696.07	83.83328	261.3094
Statewide Totals	2004	LHDT1	Aggregate	Aggregate	Diesel	276406.6	11937413.03	11937413	0	3476848	0	92.28421	0.790994	0	93.0752	0.900884	0.01238	0	0.913264	0.039476	0.359234	1.311974	0.941618	0.012939	0	0.954557	0.157905	1.026382	2.138844	7380.64	43.73159	0
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Gasoline	70691.28	2682148.315	2682148	0	1053195	0	2.829744	0.003179	0.52538	3.358303	0.013763	0	0.001714	0.015476	0.005913	0.094167	0.115556	0.01492	0	0.001849	0.016769	0.023652	0.269047	0.309468	3246.776	11.26096	34.05347
Statewide Totals	2004	LHDT2	Aggregate	Aggregate	Diesel	62756.82	2495419.159	2495419	0	789401.8	0	20.48987	0.179591	0	20.66946	0.181321	0.002701	0	0.184021	0.008252	0.087611	0.279884	0.189519	0.002823	0	0.192342	0.033009	0.250316	0.475667	1763.712	15.23825	0
Statewide Totals	2004	MCY	Aggregate	Aggregate	Gasoline	484767.7	3159800.327	3159800	0	969535.4	0	4.465785	0	0.334193	4.799978	0.019236	0	0.011968	0.031204	0.003483	0.014629	0.049316	0.020228	0	0.012567	0.032795	0.013932	0.041797	0.088524	769.1298	0	87.44255
Statewide Totals	2004	MDV	Aggregate	Aggregate	Gasoline	3283879	123679954.8	1.24E+08	0	15928992	0	102.0781	0	26.48778	128.5658	0.652592	0	0.134075	0.786666	0.272668	0.412214	1.471548	0.7071	0	0.145217	0.852317	1.090671	1.177754	3.120742	71952.31	0	2589.369
Statewide Totals	2004	MDV	Aggregate	Aggregate	Diesel	8946.073	207853.2576	207853.3	0	36680.17	0	0.383216	0	0	0.383216	0.05238	0	0	0.05238	0.000458	0.000798	0.053636	0.054748	0	0	0.054748	0.001833	0.00228	0.058862	125.6155	0	0
Statewide Totals	2004	MH	Aggregate	Aggregate	Gasoline	218037.6	1793127.45	1793127	0	21812.48	0	4.561727	0	0.009264	4.570991	0.01559	0	8.07E-05	0.01567	0.00593	0.030578	0.052178	0.016708	0	8.56E-05	0.016793	0.023719	0.087366	0.127878	3794.515	0	1.287688
Statewide Totals	2004	MH	Aggregate	Aggregate	Diesel	20131.82	239701.9995	239702	0	2013.182	0	2.509636	0	0	2.509636	0.060173	0	0	0.060173	0.001057	0.004071	0.065301	0.062894	0	0	0.062894	0.004228	0.011631	0.078752	276.8192	0	0
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Gasoline	77286.97	3196700.522	3196701	0	1546358	0	11.21472	0.007025	0.929657	12.15141	0.025218	0	0.00935	0.034567	0.010571	0.054488	0.099627	0.027079	0	0.009883	0.036963	0.042285	0.155681	0.234928	6713.625	48.19531	140.4647
Statewide Totals	2004	MHDT	Aggregate	Aggregate	Diesel	219426.4	10610215.86	10610216	0	2616773	0	138.5121	9.351973	0	147.8641	4.752809	0.214158	0	4.966967	0.035087	0.181448	5.183503	4.96771	0.223841	0	5.191551	0.140349	0.518424	5.850324	13857.97	568.572	0
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Gasoline	11980.39	660340.4799	660340.5	0	239703.6	0	2.004702	0.000828	0.127628	2.133158	0.002352	0	0.000547	0.002899	0.002184	0.011281	0.016364	0.002542	0	0.00058	0.003122	0.008735	0.032233	0.04409	1349.084	5.193092	11.99533
Statewide Totals	2004	OBUS	Aggregate	Aggregate	Diesel	9397.588	691799.5872	691799.6	0	117803.2	0	11.91644	0.541887	0	12.45833	0.466624	0.013437	0	0.480061	0.002288	0.018065	0.500413	0.487723	0.014044	0	0.501767	0.009151	0.051613	0.562532	1078.219	35.32307	0

Statewide Totals	2004	SBUS	Aggregate	Aggregate	Gasoline	4348.926	202876.9503	202877	0	17395.7	0	0.737385	0.00405	0.010227	0.751662	0.003305	0	0.000145	0.00345	0.000447	0.003567	0.007464	0.003516	0	0.000154	0.003671	0.001789	0.010191	0.015651	216.916	13.02201	1.727194
Statewide Totals	2004	SBUS	Aggregate	Aggregate	Diesel	16459.3	492190.4981	492190.5	0	238330.6	0	6.787931	0.63467	0	7.422601	0.285738	0.01676	0	0.302498	0.001628	0.008659	0.312784	0.298658	0.017518	0	0.316176	0.006511	0.024739	0.347425	676.7804	39.02563	0
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Gasoline	602.6843	54821.68038	54821.68	0	2410.737	0	0.065102	0	0.002844	0.067945	0.000143	0	3.39E-06	0.000146	0.000161	0.002192	0.002499	0.000155	0	3.68E-06	0.000159	0.000644	0.006263	0.007066	104.8345	0	0.283638
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Diesel	6995.205	730202.4561	730202.5	0	27980.82	0	15.25906	0	0	15.25906	0.094346	0	0	0.094346	0.006225	0.03077	0.131341	0.098612	0	0	0.098612	0.0249	0.087914	0.211426	1465.763	0	0
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Electricity	25.63835	818.296866	0	818.2969	102.5534	1697.938	0	0	0	0	0	0	0	0	5.13E-08	3.29E-07	3.8E-07	0	0	0	0	2.05E-07	9.4E-07	1.14E-06	0	0	0
Statewide Totals	2004	UBUS	Aggregate	Aggregate	Natural Ga:	3594.274	441214.8687	441214.9	0	14377.1	0	6.720046	0	0	6.720046	0.009255	0	0	0.009255	0.004008	0.018694	0.031958	0.009674	0	0	0.009674	0.016032	0.053412	0.079118	878.955	0	0
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Gasoline	4808.775	318625.8994	318625.9	0	96213.98	0	4.01196	0	0.027169	4.039129	0.002547	0	0.001062	0.003609	0.001756	0.013996	0.019361	0.002703	0	0.001115	0.003818	0.007024	0.039988	0.050831	897.404	0	14.59496
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Diesel	217552.4	38447310.61	38447311	0	3192910	0	776.0828	47.72257	0	823.8054	24.4732	0.679578	0	25.15278	0.375934	1.538858	27.06758	25.57977	0.710306	0	26.29008	1.503738	4.396737	32.19056	73616.87	2916.564	0
Statewide Totals	2005	HHDT	Aggregate	Aggregate	Natural Ga:	420.8384	37835.62276	37835.62	0	1935.857	0	1.192035	0.004682	0	1.196717	0.002598	1.94E-07	0	0.002598	0.000375	0.003065	0.006039	0.002826	2.11E-07	0	0.002826	0.001501	0.008758	0.013086	124.5293	3.440655	0
Statewide Totals	2005	LDA	Aggregate	Aggregate	Gasoline	13394011	468748489.1	4.69E+08	0	62846346	0	240.6155	0	58.3936	299.0091	2.878759	0	0.555559	3.434318	1.033414	1.394487	5.862219	3.122092	0	0.600579	3.722671	4.133657	3.984249	11.84058	182829.3	0	7344.35
Statewide Totals	2005	LDA	Aggregate	Aggregate	Diesel	74345.26	1652198.049	1652198	0	303776.9	0	3.024621	0	0	3.024621	0.380996	0	0	0.380996	0.003642	0.005071	0.389709	0.398223	0	0	0.398223	0.01457	0.014487	0.42728	620.1757	0	0
Statewide Totals	2005	LDA	Aggregate	Aggregate	Electricity	8238.328	239658.8281	0	239658.8	40947.22	92528.09	0	0	0	0	0	0	0	0	0.000528	0.000404	0.000933	0	0	0	0	0.002113	0.001155	0.003268	0	0	0
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Gasoline	1930843	59325460.71	59325461	0	8632924	0	61.60549	0	10.74778	72.35327	0.623751	0	0.11591	0.739661	0.13079	0.215115	1.085567	0.673321	0	0.124805	0.798127	0.523161	0.614615	1.935903	26909.24	0	1258.372
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Diesel	5228.779	120506.8992	120506.9	0	21131.52	0	0.215556	0	0	0.215556	0.029624	0	0	0.029624	0.000266	0.000475	0.030365	0.030963	0	0	0.030963	0.001063	0.001357	0.033384	59.87366	0	0
Statewide Totals	2005	LDT1	Aggregate	Aggregate	Electricity	1328.513	34659.99812	0	34660	6353.682	13381.62	0	0	0	0	0	0	0	0	7.64E-05	5.87E-05	0.000135	0	0	0	0	0.000306	0.000168	0.000473	0	0	0
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Gasoline	4491068	162347131.8	1.62E+08	0	21437527	0	134.9101	0	34.88421	169.7943	0.86089	0	0.152757	1.013647	0.357914	0.557294	1.928855	0.932957	0	0.165348	1.098306	1.431658	1.592268	4.122231	85713.95	0	3205.985
Statewide Totals	2005	LDT2	Aggregate	Aggregate	Diesel	445.2654	10312.75707	10312.76	0	1786.747	0	0.019422	0	0	0.019422	0.002697	0	0	0.002697	2.27E-05	4.04E-05	0.00276	0.002818	0	0	0.002818	9.09E-05	0.000115	0.003025	5.504677	0	0
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Gasoline	620510.7	23097033.66	23097034	0	9244685	0	24.41922	0.027895	4.822907	29.27002	0.118586	0	0.014507	0.133093	0.05092	0.695061	0.879074	0.12869	0	0.015683	0.144373	0.203681	1.985889	2.333943	24663.06	85.52984	262.6382
Statewide Totals	2005	LHDT1	Aggregate	Aggregate	Diesel	315560.9	13553206.11	13553206	0	3969359	0	97.19676	0.903042	0	98.0998	1.143084	0.013047	0	1.156131	0.04482	0.407858	1.608808	1.194769	0.013637	0	1.208406	0.179278	1.165308	2.552993	8175.428	49.925	0
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Gasoline	69375.39	2578085.367	2578085	0	1033590	0	2.443739	0.003138	0.5668	3.013677	0.011409	0	0.001387	0.012796	0.005684	0.090513	0.108993	0.012385	0	0.001501	0.013886	0.022735	0.258609	0.295229	3099.92	11.03199	32.45836
Statewide Totals	2005	LHDT2	Aggregate	Aggregate	Diesel	73098.11	3017402.055	3017402	0	919482.2	0	22.08359	0.209185	0	22.29278	0.252053	0.002848	0	0.2549	0.009978	0.105937	0.370815	0.263449	0.002976	0	0.266425	0.039913	0.302677	0.609015	2168.241	17.96013	0
Statewide Totals	2005	MCY	Aggregate	Aggregate	Gasoline	521242.2	3475531.331	3475531	0	1042484	0	4.911791	0	0.360706	5.272498	0.016631	0	0.011015	0.027645	0.003831	0.016091	0.047567	0.017488	0	0.011567	0.029055	0.015324	0.045973	0.090353	844.9737	0	94.03516
Statewide Totals	2005	MDV	Aggregate	Aggregate	Gasoline	3595368	134621831.3	1.35E+08	0	17444545	0	97.93499	0	26.69739	124.6324	0.586152	0	0.123	0.709152	0.296791	0.448708	1.45465	0.635187	0	0.133238	0.768425	1.187162	1.282022	3.237609	78322.38	0	2780.229
Statewide Totals	2005	MDV	Aggregate	Aggregate	Diesel	7291.746	154525.6066	154525.6	0	29090.55	0	0.283842	0	0	0.283842	0.042157	0	0	0.042157	0.000341	0.000612	0.04311	0.044063	0	0	0.044063	0.001363	0.001748	0.047174	94.02126	0	0
Statewide Totals	2005	MH	Aggregate	Aggregate	Gasoline	207866.8	1738979.863	1738980	0	20794.99	0	3.87634	0	0.008886	3.885226	0.013299	0	7.02E-05	0.013369	0.005751	0.029641	0.04876	0.014253	0	7.44E-05	0.014327	0.023003	0.084689	0.122019	3655.809	0	1.178753
Statewide Totals	2005	MH	Aggregate	Aggregate	Diesel	22902.04	272567.7633	272567.8	0	2290.204	0	2.622763	0	0	2.622763	0.069479	0	0	0.069479	0.001202	0.004624	0.075306	0.072621	0	0	0.072621	0.004807	0.013212	0.09064	313.5958	0	0
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Gasoline	72554.07	2904528.692	2904529	0	1451662	0	10.35566	0.006607	0.893454	11.25572	0.022029	0	0.008476	0.030505	0.009605	0.049486	0.089596	0.02366	0	0.008962	0.032622	0.03842	0.141387	0.212429	6077.579	45.15266	130.4475
Statewide Totals	2005	MHDT	Aggregate	Aggregate	Diesel	235520.8	11066970.65	11066971	0	2822446	0	136.9459	10.30492	0	147.2508	4.783665	0.209792	0	4.993458	0.036598	0.189258	5.219314	4.999962	0.219278	0	5.21924	0.146391	0.540738	5.906369	14408.19	617.5754	0
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Gasoline	12838.14	724636.6963	724636.7	0	256865.5	0	1.890158	0.000895	0.135428	2.026481	0.002031	0	0.000469	0.0025	0.002396	0.012377	0.017273	0.002197	0	0.000498	0.002694	0.009585	0.053363	0.047642	1473.471	5.55487	12.21355
Statewide Totals	2005	OBUS	Aggregate	Aggregate	Diesel	9192.611	721460.1738	721460.2	0	111238.3	0	12.10358	0.50194	0	12.60552	0.464224	0.010026	0	0.47425	0.002386	0.018839	0.495475	0.485214	0.010479	0	0.495694	0.009543	0.053827	0.559064	1120.401	31.54907	0
Statewide Totals	2005	SBUS	Aggregate	Aggregate	Gasoline	4142.529	192454.9224	192454.9	0	16570.12	0	0.681471	0.003881	0.010048	0.6954	0.002897	0	0.000127	0.003024	0.000424	0.003385	0.006834	0.003085	0	0.000135	0.00322	0.001697	0.009672	0.014589	205.1103	12.38291	1.619163
Statewide Totals	2005	SBUS	Aggregate	Aggregate	Diesel	16459.09	513303.2432	513303.2	0	238327.7	0	6.843143	0.651233	0	7.494376	0.289055	0.015522	0	0.304578	0.001697	0.00903	0.315305	0.302125	0.016224	0	0.318349	0.00679	0.0258	0.350939	703.8667	39.55244	0
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Gasoline	642.3214	55197.70824	55197.71	0	2569.286	0	0.061867	0	0.003098	0.064965	0.000124	0	2.96E-06	0.000127	0.000164	0.002222	0.002513	0.000135	0	3.22E-06	0.000138	0.000657	0.006347	0.007143	109.2083	0	0.294238
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Diesel	6459.215	688273.8208	688273.8	0	25836.86	0	13.59331	0	0	13.59331	0.081423	0	0	0.081423	0.005765	0.029001	0.11619	0.085105	0	0	0.085105	0.023061	0.08286	0.191027	1349.72	0	0
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Electricity	29.72736	1096.062561	0	1096.063	118.9095	2181.217	0	0	0	0	0	0	0	0	2.42E-08	1.55E-07	1.79E-07	0	0	0	0	9.68E-08	4.44E-07	5.4E-07	0	0	0
Statewide Totals	2005	UBUS	Aggregate	Aggregate	Natural Ga:	4279.729	540803.9361	540803.9	0	17118.92	0	8.341544	0	0	8.341544	0.011164	0	0	0.011164	0.004952	0.022915	0.039031	0.011669	0	0	0.011669	0.019809	0.065472	0.09695	1090.032	0	0
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Gasoline	4608.996	303226.8129	303226.8	0	92216.79	0	3.466663	0	0.025046	3.491676	0.002213	0	0.001008	0.003222	0.001671	0.013316	0.018209	0.002346	0	0.001059	0.003405	0.006685	0.038047	0.048137	854.9104	0	14.01359
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Diesel	236178.9	38564195.3	38564195	0	3491086	0	747.6779	52.63495	0	800.3128	24.75724	0.698237	0	25.45548	0.377077	1.542938	27.3755	25.87666	0.729809	0	26.60646	1.508306	4.408395	32.52317	73656.7	3196.741	0
Statewide Totals	2006	HHDT	Aggregate	Aggregate	Natural Ga:	656.54	52969.59614	52969.6	0	3020.084	0	1.625629	0.007305	0	1.632934	0.003666	3.02E-07	0	0.003666	0.000526	0.004292	0.008483	0.003987	3.29E-07	0	0.003987	0.002102	0.012262	0.018351	173.0048	5.365912	0
Statewide Totals	2006	LDA	Aggregate	Aggregate	Gasoline	13511187	461129254	4.61E+08	0	63396761	0	212.3303	0	54.89311	267.2234	2.428346	0	0.494222	2.922568	1.016617	1.37073	5.309915	2.633424	0	0.53414	3.167564	4.066467	3.916372	11.1504	180567.9	0	7291.362
Statewide Totals	2006	LDA	Aggregate	Aggregate	Diesel	69780.35	1497632.152	1497632	0	283951.4	0	2.744095	0	0	2.744095	0.323121	0	0	0.323121	0.003302	0.004588	0.331011	0.337731	0	0	0.337731	0.013207	0.013109	0.364047	554.7271	0	0
Statewide Totals	2006	LDA	Aggregate	Aggregate	Electricity	8755.428	242542.51	0	242542.5	43198.18	93641.43	0	0	0	0	0	0	0	0	0.000535	0.000409	0.000944	0	0	0	0	0.002139	0.00117	0.003309	0	0	0
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Gasoline	1884732	55555554.12	55555554	0	8375969	0	55.66839	0	10.16217	65.83056	0.553193	0	0.106474	0.659667	0.122479	0.202968	0.985114	0.597309	0	0.114686	0.711995	0.489917	0.579908	1.78182	25280.97	0	1213.716
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Diesel	4974.919	109930.8979	109930.9	0	19903.53	0	0.197112	0	0	0.197112	0.026457	0	0	0.026457	0.000242	0.000433	0.027132	0.027653	0	0	0.027653	0.000969	0.001239	0.029861	54.96163	0	0
Statewide Totals	2006	LDT1	Aggregate	Aggregate	Electricity	1367.354	33810.00498	0	33810	6482.963	13053.45	0	0	0	0	0	0	0	0	7.45E-05	5.73E-05	0.000132	0	0	0	0	0.000298	0.000164	0.000462	0	0	0
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Gasoline	4533327	158512879.8	1.59E+08	0	21589220	0	120.2534	0	32.98824	153.2416	0.735378	0	0.137323	0.872702	0.349461	0.545795	1.767958	0.796907	0	0.148644	0.945551	1.397845	1.559413	3.902809	83363.58	0	3179.959
Statewide Totals	2006	LDT2	Aggregate	Aggregate	Diesel	429.9577	9683.788529	9683.789	0	1716.645	0	0.01832	0	0	0.01832	0.002427	0	0	0.002427	2.13E-05	3.74E-05	0.002486	0.002537	0	0	0.002537	8.54E-05	0.000107	0.002729	5.12421	0	0
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Gasoline	646163.8	23699467.76	23699468	0	9626879	0	21.75763	0.029203	5.486587	27.27342	0.10423	0	0.013404	0.117634	0.052248	0.71319	0.883073	0.113119	0	0.014493	0.127612	0.208994	2.037687	2.374292	25342.74	89.49816	271.2513
Statewide Totals	2006	LHDT1	Aggregate	Aggregate	Diesel	347543	14428796.27	14428796	0	4371654	0	97.84933	0.994565	0	98.84389	1.31404	0.013543	0	1.327583	0.047715	0.434207	1.809505	1.373455	0.014156	0	1.387611	0.19086	1.240592	2.819063	8555.316	54.96179	0
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Gasoline	73438.77	2665505.063	2665505	0	1094128	0	2.238848	0.003337	0.654008	2.896192	0.01003	0	0.001231	0.011262	0.005876	0.093582	0.11072	0.010898	0	0.001336	0.012234	0.023506	0.267378	0.303117	3210.589	11.7338	33.95019
Statewide Totals	2006	LHDT2	Aggregate	Aggregate	Diesel	86133.46	3520025.137	3520025	0	1083451	0	23.59727	0.246488	0	23.84376	0.324636	0.003171	0	0.327807	0.01164	0.123583	0.46303	0.339314	0.003315	0	0.342629	0.046562	0.353095	0.742285	2555.567	21.3009	0
Statewide Totals	2006	MCY	Aggregate	Aggregate	Gasoline	577961.5	3831198.69	3831199	0	1155923	0	5.413364	0	0.401438	5.814802	0.014802	0	0.010609	0.025411	0.004223	0.017737	0.047372	0.015565	0	0.011141	0.026706	0.016893	0.050678	0.094277	936.5272	0	104.9518
Statewide Totals	2006	MDV	Aggregate	Aggregate	Gasoline	3877142	140864675.8	1.41E+08	0	18792446	0	90.86469	0	26.33786	117.2026	0.517938	0	0.11326	0.631199	0.310554	0.471014	1.412766	0.561298	0	0.122696	0.683994	1.242215	1.345754	3.271963	82326.66	0	2957.298
Statewide Totals	2006	MDV	Aggregate	Aggregate	Diesel	6557.105	132524.4863	132524.5	0	25870.02	0	0.242997	0	0	0.242997	0.035528	0	0	0.035528	0.000292	0.000526	0.036346	0.037134	0	0	0.037134	0.001169	0.001503	0.039806	80.5883	0	0
Statewide Totals	2006	MH	Aggregate	Aggregate	Gasoline	199565.1	1650180.043	1650180	0	19964.5	0	3.272873	0	0.008515	3.281388	0.011234	0	6.16E-05	0.011295	0.005457	0.028116	0.044868	0.012042	0	6.53E-05	0.012107	0.021828	0.080332	0.114267	3472.437	0	1.096247
Statewide Totals	2006	MH	Aggregate	Aggregate	Diesel	26197.3	303886.0478	303886	0	2619.73	0	2.722077	0	0	2.722077	0.078627	0	0	0.078627	0.00134	0.005152	0.085118	0.082182	0	0	0.082182	0.00536	0.014719	0.102261	348.4842	0	0
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Gasoline	70568.01	2764015.664	2764016	0	1411925	0	9.319704	0.006453	0.876945	10.2031	0.018987	0	0.007738	0.026725	0.00914	0.047073	0.082939	0.020396	0	0.008184	0.02858	0.036562	0.134495	0.199636	5793.583	44.12533	124.5965
Statewide Totals	2006	MHDT	Aggregate	Aggregate	Diesel	255032.2	11105569.94	11105570	0	3066526	0	131.1454	11.36856	0	142.5139	4.730276	0.214028	0	4.944304	0.036725	0.189919	5.170948	4.944158	0.223706	0	5.167864	0.146902	0.542626	5.857391	14429.04	674.4935	0
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Gasoline	15108.3	854081.2472	854081.2	0	302286.9	0	1.788233	0.001061	0.156512	1.945806	0.001793	0	0.000432	0.002224	0.002824	0.014588	0.019637	0.001939	0	0.000458	0.002397	0.011298	0.041681	0.055376	1739.768	6.568172	13.66381
Statewide Totals	2006	OBUS	Aggregate	Aggregate	Diesel	10617.57	723977.2069	723977.2	0	127282.3	0	11.69892	0.576404	0	12.27533	0.453623	0.010337	0	0.46396	0.002394	0.018905	0.485259	0.474134	0.010805	0	0.484939	0.009577	0.054014	0.548529	1121.803	35.64241	0
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Gasoline	4208.932	191324.6062	191324.6	0	16835.73	0	0.664017	0.003958	0.010391	0.678366	0.002637	0	0.000117	0.002755	0.000422	0.003364	0.006541	0.002811	0	0.000125	0.002935	0.001687	0.009612	0.014235	204.3882	12.64111	1.620639
Statewide Totals	2006	SBUS	Aggregate	Aggregate	Diesel	17292	515072.6667	515072.7	0	250388.2	0	7.020514	0.665188	0	7.685703	0.316667	0.017219	0	0.333886	0.001703	0.009061	0.34465	0.330985	0.017997	0	0.348983	0.006813	0.025889	0.381685	707.5366	40.9556	0
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Gasoline	735.4611	62330.25047	62330.25	0	2941.844	0	0.077782	0	0.003464	0.081247	0.000104	0	2.76E-06	0.000107	0.000172	0.00242	0.002699	0.000113	0	3E-06	0.000116	0.000689	0.006915	0.00772	107.3465	0	0.32069
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Diesel	6397.437	682942.2362	682942.2	0	25589.75	0	12.78854	0	0	12.78854	0.076413	0	0	0.076413	0.005428	0.028572	0.110412	0.079868	0	0	0.079868	0.021711	0.081634	0.183212	1279.729	0	0
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Electricity	24.7913	794.6163719	0	794.6164	99.16521	1651.408	0	0	0	0	0	0	0	0	2.53E-08	1.62E-07	1.87E-07	0	0	0	0	1.01E-07	4.63E-07	5.64E-07	0	0	0
Statewide Totals	2006	UBUS	Aggregate	Aggregate	Natural Ga:	4734.336	596085.0878	596085.1	0	18937.34	0	9.112158	0	0	9.112158	0.01182	0	0	0.01182	0.005463	0.025266	0.042549	0.012355	0	0	0.012355	0.021851	0.072188	0.106394	1192.843	0	0
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Gasoline	4233.962	288841.7817	288841.8	0	84713.1	0	2.951659	0	0.022349	2.974009	0.001862	0	0.000899	0.002762	0.001592	0.012697	0.017051	0.001973	0	0.000944	0.002918	0.006368	0.036278	0.045564	814.1308	0	12.75914
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Diesel	239155.3	39869283.89	39869284	0	3518917	0	739.5948	53.06293	0	792.6577	24.27242	0.640918	0	24.91333	0.38984	1.594736	26.89791	25.36991	0.669898	0	26.0398	1.559358	4.556389	32.15555	76092.99	3235.109	0
Statewide Totals	2007	HHDT	Aggregate	Aggregate	Natural Ga:	816.3354	66161.37327	66161.37	0	3823.945	0	1.648237	0.009009	0	1.657246	0.003711	5.62E-07	0	0.003711	0.000656	0.005335	0.009703	0.004036	6.11E-07	0	0.004036	0.002625	0.015242	0.021904	195.994	6.662957	0
Statewide Totals	2007	LDA	Aggregate	Aggregate	Gasoline	13518233	456342218.9	4.56E+08	0	63474358	0	186.2944	0	51.02871	237.3231	2.038627	0	0.43131	2.469937	1.006063	1.355885	4.831886	2.210742	0	0.466081	2.676823	4.024252	3.873958	10.57503	179133.2	0	7171.297
Statewide Totals	2007	LDA	Aggregate	Aggregate	Diesel	65283.12	1377988.644	1377989	0	264941.6	0	2.528299	0	0	2.528299	0.265306	0	0	0.265306	0.003038	0.004218	0.272562	0.277302	0	0	0.277302	0.012152	0.012052	0.301505	503.4225	0	0
Statewide Totals	2007	LDA	Aggregate	Aggregate	Electricity	9832.034	266183.0503	0	266183.1	48352.06	102768.6	0	0	0	0	0	0	0	0	0.000587	0.000449	0.001036	0	0	0	0	0.002347	0.001284	0.003632	0	0	0
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Gasoline	1808197	52115470.46	52115470	0	8004644	0	49.31774	0	9.352181	58.66992	0.482138	0	0.095152	0.57729	0.114895	0.191057	0.883242	0.520689	0	0.102521	0.62321	0.45958	0.545878	1.628669	23787.64	0	1149.113
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Diesel	4657.36	100719.7071	100719.7	0	18504.37	0	0.181436	0	0	0.181436	0.022467	0	0	0.022467	0.000222	0.000396	0.023085	0.023483	0	0	0.023483	0.000888	0.00113	0.025501	50.88384	0	0
Statewide Totals	2007	LDT1	Aggregate	Aggregate	Electricity	1182.629	28259.73327	0	28259.73	5565.191	10910.59	0	0	0	0	0	0	0	0	6.23E-05	4.79E-05	0.00011	0	0	0	0	0.000249	0.000137	0.000386	0	0	0
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Gasoline	4605095	158249117.2	1.58E+08	0	21902433	0	107.4758	0	30.99904	138.4749	0.633085	0	0.122711	0.755797	0.34888	0.545819	1.650496	0.686053	0	0.132833	0.818886	1.395519	1.559483	3.773889	82922.98	0	3171.768
Statewide Totals	2007	LDT2	Aggregate	Aggregate	Diesel	439.2306	9797.804808	9797.805	0	1746.143	0	0.018663	0	0	0.018663	0.002291	0	0	0.002291	2.16E-05	3.75E-05	0.00235	0.002395	0	0	0.002395	8.64E-05	0.000107	0.002588	5.12796	0	0

Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Gasoline	648803.6	23119451.4	23119451	0	9666207	0	19.31867	0.029442	5.883211	25.23132	0.091401	0	0.012169	0.103571	0.05097	0.695736	0.850276	0.099207	0	0.013163	0.11237	0.203879	1.987817	2.304066	24805.29	90.35207	270.7764
Statewide Totals	2007	LHDT1	Aggregate	Aggregate	Diesel	363565.1	14447312.55	14447313	0	4573192	0	92.83966	1.040415	0	93.88008	1.256455	0.013024	0	1.269479	0.047776	0.434764	1.75202	1.313266	0.013613	0	1.32688	0.191105	1.242184	2.760169	8640.434	57.49935	0
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Gasoline	69407.38	2463290.867	2463291	0	1034067	0	1.741395	0.003172	0.672746	2.417313	0.007817	0	0.000994	0.008811	0.005431	0.086483	0.100724	0.008494	0	0.001078	0.009571	0.021723	0.247094	0.278387	2977.633	11.15078	31.73622
Statewide Totals	2007	LHDT2	Aggregate	Aggregate	Diesel	92778.34	3644031.182	3644031	0	1167035	0	22.7135	0.265504	0	22.979	0.318795	0.003172	0	0.321968	0.012051	0.127937	0.461955	0.33321	0.003316	0	0.336526	0.048202	0.365534	0.750262	2686.161	23.04323	0
Statewide Totals	2007	MCY	Aggregate	Aggregate	Gasoline	614719.2	4023054.729	4023055	0	1229438	0	5.683409	0	0.428177	6.111586	0.01306	0	0.00995	0.02301	0.004435	0.018626	0.04607	0.013734	0	0.010449	0.024182	0.017739	0.053216	0.095137	989.1951	0	112.3684
Statewide Totals	2007	MDV	Aggregate	Aggregate	Gasoline	4025420	142912770.4	1.43E+08	0	19453030	0	84.02228	0	25.68856	109.7108	0.456499	0	0.102738	0.559237	0.315069	0.480882	1.355188	0.494767	0	0.111309	0.606077	1.260276	1.373947	3.2403	83993.47	0	3042.506
Statewide Totals	2007	MDV	Aggregate	Aggregate	Diesel	5963.14	118575.5701	118575.6	0	23391.6	0	0.2146	0	0	0.2146	0.029047	0	0	0.029047	0.000261	0.000468	0.029777	0.030361	0	0	0.030361	0.001046	0.001337	0.032743	71.95807	0	0
Statewide Totals	2007	MH	Aggregate	Aggregate	Gasoline	190329.1	1565328.023	1565328	0	19040.52	0	2.785657	0	0.008092	2.793749	0.009533	0	5.34E-05	0.009586	0.005176	0.026662	0.041424	0.010221	0	5.66E-05	0.010278	0.020706	0.076176	0.10716	3300.436	0	1.013148
Statewide Totals	2007	MH	Aggregate	Aggregate	Diesel	28927.49	327958.2711	327958.3	0	2892.749	0	2.739372	0	0	2.739372	0.07832	0	0	0.07832	0.001446	0.005558	0.085324	0.081861	0	0	0.081861	0.005784	0.01588	0.103525	376.0182	0	0
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Gasoline	69752.36	2793640.458	2793640	0	1395605	0	8.749014	0.006431	0.871373	9.626818	0.016304	0	0.006852	0.023156	0.009238	0.047573	0.079967	0.017519	0	0.007249	0.024768	0.036954	0.135922	0.197644	5867.434	43.86303	119.2579
Statewide Totals	2007	MHDT	Aggregate	Aggregate	Diesel	262968.8	11484740.68	11484741	0	3159087	0	129.3155	11.90988	0	141.2254	4.552253	0.19833	0	4.750582	0.037979	0.196403	4.984965	4.758085	0.207297	0	4.965383	0.151917	0.561151	5.678451	14915.33	704.1444	0
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Gasoline	15654.15	875364.3134	875364.3	0	313208.3	0	1.63457	0.001104	0.161052	1.796725	0.001544	0	0.000381	0.001925	0.002895	0.014954	0.019774	0.001671	0	0.000405	0.002076	0.011579	0.042726	0.056381	1792.144	6.841443	13.83527
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Diesel	10603.87	748714.0167	748714	0	128003.1	0	11.72622	0.591677	0	12.31789	0.450776	0.009742	0	0.460518	0.002476	0.019551	0.482545	0.471158	0.010183	0	0.481341	0.009904	0.05586	0.547105	1159.803	36.49343	0
Statewide Totals	2007	OBUS	Aggregate	Aggregate	Natural Ga	0.777508	22.92771613	22.92772	0	6.919824	0	4.98E-06	1.36E-06	0	6.34E-06	1E-08	2.4E-09	0	1.24E-08	7.58E-08	3.87E-07	4.75E-07	1.09E-08	2.62E-09	0	1.35E-08	3.03E-07	1.11E-06	1.42E-06	0.022921	0.001044	0
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Gasoline	4078.366	182628.7124	182628.7	0	16313.46	0	0.616339	0.003854	0.010189	0.630381	0.002329	0	0.000105	0.002433	0.000403	0.003212	0.006048	0.002483	0	0.000111	0.002595	0.001611	0.009178	0.013383	195.7136	12.31595	1.551186
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Diesel	17962.86	531896.0767	531896.1	0	260102.2	0	7.066812	0.703336	0	7.770148	0.296289	0.015757	0	0.312046	0.001759	0.009357	0.323162	0.309686	0.016469	0	0.326155	0.007036	0.026734	0.359925	727.8317	43.0626	0
Statewide Totals	2007	SBUS	Aggregate	Aggregate	Natural Ga	56.14208	790.7513002	790.7513	0	812.9373	0	0.000905	0.000331	0	0.001236	3.43E-06	5.87E-07	0	4.02E-06	2.61E-06	1.41E-05	2.08E-05	3.73E-06	6.38E-07	0	4.37E-06	1.05E-05	4.04E-05	5.52E-05	1.508052	0.254825	0
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Gasoline	835.3658	73188.60557	73188.61	0	3341.463	0	0.04517	0	0.003792	0.048962	7.14E-05	0	2.19E-06	7.36E-05	0.000197	0.002808	0.003079	7.77E-05	0	2.38E-06	8.01E-05	0.000789	0.008024	0.008893	123.0953	0	0.332553
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Diesel	6335.146	661695.9653	661696	0	25340.58	0	12.18766	0	0	12.18766	0.07246	0	0	0.07246	0.005297	0.027708	0.105466	0.075737	0	0	0.075737	0.021188	0.079167	0.176092	1238.477	0	0
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Electricity	38.93715	1266.567869	0	1266.568	155.7486	2474.993	0	0	0	0	0	0	0	0	2.58E-08	1.66E-07	1.92E-07	0	0	0	0	1.03E-07	4.73E-07	5.77E-07	0	0	0
Statewide Totals	2007	UBUS	Aggregate	Aggregate	Natural Ga	4981.025	635730.3089	635730.3	0	19924.1	0	9.681443	0	0	9.681443	0.012287	0	0	0.012287	0.005838	0.026945	0.04507	0.012843	0	0	0.012843	0.023352	0.076985	0.11318	1276.737	0	0
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Gasoline	4110.025	276969.2991	276969.3	0	82233.39	0	2.696904	0	0.020174	2.717079	0.001654	0	0.000828	0.002482	0.001527	0.012148	0.016156	0.001752	0	0.00087	0.002622	0.006106	0.034708	0.043436	772.0467	0	11.90323
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Diesel	237103	36689870.69	36689871	0	3443893	0	654.6297	15.6461	0	670.2758	22.12549	0.433893	0	22.55939	0.358749	1.467027	24.38516	23.12591	0.453512	0	23.57942	1.434996	4.191505	29.20592	69998.2	1545.952	0
Statewide Totals	2008	HHDT	Aggregate	Aggregate	Natural Ga	1121.237	82348.33974	82348.34	0	5534.785	0	1.514436	0.012593	0	1.52703	0.003384	2.96E-06	0	0.003387	0.000817	0.00635	0.010554	0.00368	3.22E-06	0	0.003683	0.003268	0.018143	0.025094	212.9319	9.337364	0
Statewide Totals	2008	LDA	Aggregate	Aggregate	Gasoline	13291596	437604642.1	4.38E+08	0	62347769	0	160.9518	0	47.09368	208.0455	1.690407	0	0.374895	2.065302	0.964754	1.30083	4.330886	1.833105	0	0.405084	2.238189	3.859015	3.716657	9.813861	170268.7	0	6864.129
Statewide Totals	2008	LDA	Aggregate	Aggregate	Diesel	60280.05	1235197.148	1235197	0	243746	0	2.265788	0	0	2.265788	0.221875	0	0	0.221875	0.002723	0.003776	0.228374	0.231908	0	0	0.231908	0.010893	0.010788	0.253588	445.7119	0	0
Statewide Totals	2008	LDA	Aggregate	Aggregate	Electricity	10620.33	276642.3675	0	276642.4	51939.47	106806.8	0	0	0	0	0	0	0	0	0.00061	0.000467	0.001077	0	0	0	0	0.00244	0.001336	0.003775	0	0	0
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Gasoline	1764504	50303575.98	50303576	0	7833550	0	42.18504	0	8.47283	50.65787	0.406926	0	0.083472	0.490398	0.1109	0.183221	0.78452	0.439489	0	0.089952	0.529441	0.443602	0.523489	1.496532	22727.8	0	1087.943
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Diesel	4404.962	91898.27234	91898.27	0	17351.5	0	0.163254	0	0	0.163254	0.019869	0	0	0.019869	0.000203	0.000362	0.020433	0.020767	0	0	0.020767	0.00081	0.001033	0.022611	46.72106	0	0
Statewide Totals	2008	LDT1	Aggregate	Aggregate	Electricity	1252.811	28967.58206	0	28967.58	5872.456	11183.88	0	0	0	0	0	0	0	0	6.39E-05	4.91E-05	0.000113	0	0	0	0	0.000255	0.00014	0.000396	0	0	0
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Gasoline	4573823	151904459.6	1.52E+08	0	21660972	0	95.72336	0	29.02792	124.7513	0.547893	0	0.110854	0.658747	0.334892	0.527315	1.520955	0.593722	0	0.12	0.713722	1.339569	1.506615	3.559906	78581.92	0	3069.057
Statewide Totals	2008	LDT2	Aggregate	Aggregate	Diesel	446.0481	9963.411866	9963.412	0	1779.909	0	0.018556	0	0	0.018556	0.002118	0	0	0.002118	2.2E-05	3.75E-05	0.002178	0.002214	0	0	0.002214	8.79E-05	0.000107	0.002409	5.138033	0	0
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Gasoline	626433.3	21283631.27	21283631	0	9332923	0	16.49572	0.028519	5.98403	22.50827	0.077717	0	0.010767	0.088484	0.046922	0.64049	0.775897	0.084365	0	0.01165	0.096015	0.18769	1.829973	2.113677	22549.64	86.63532	257.0474
Statewide Totals	2008	LHDT1	Aggregate	Aggregate	Diesel	372422.7	14043131.3	14043131	0	4684609	0	86.57348	1.065763	0	87.63925	1.212744	0.012801	0	1.225546	0.04644	0.422601	1.694587	1.267579	0.01338	0	1.280959	0.185759	1.207432	2.674151	8471.038	58.90686	0
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Gasoline	76169.74	2604579.241	2604579	0	1134816	0	1.795163	0.003485	0.761588	2.560236	0.0078	0	0.001041	0.008841	0.005742	0.091443	0.106026	0.008476	0	0.001129	0.009605	0.022968	0.261266	0.29384	3096.227	12.15083	34.64001
Statewide Totals	2008	LHDT2	Aggregate	Aggregate	Diesel	99722.47	3767903.621	3767904	0	1254383	0	21.85374	0.285376	0	22.13912	0.322758	0.003298	0	0.326056	0.01246	0.132286	0.470802	0.337351	0.003447	0	0.340799	0.049841	0.37796	0.768599	2822.018	24.874	0
Statewide Totals	2008	MCY	Aggregate	Aggregate	Gasoline	663643.4	4201948.11	4201948	0	1327287	0	5.270737	0	0.430373	5.70111	0.011883	0	0.009764	0.021647	0.004632	0.019454	0.045733	0.012499	0	0.010254	0.022752	0.018527	0.055582	0.096862	997.2038	0	113.8979
Statewide Totals	2008	MDV	Aggregate	Aggregate	Gasoline	4065043	138839695.1	1.39E+08	0	19539771	0	76.91699	0	24.93126	101.8483	0.400098	0	0.093419	0.493517	0.306089	0.472197	1.271803	0.433725	0	0.101236	0.53496	1.224357	1.349134	3.108452	81037.89	0	3011.825
Statewide Totals	2008	MDV	Aggregate	Aggregate	Diesel	5425.743	106453.354	106453.4	0	21233.42	0	0.184166	0	0	0.184166	0.024207	0	0	0.024207	0.000235	0.000416	0.024857	0.025302	0	0	0.025302	0.000939	0.001187	0.027428	64.37419	0	0
Statewide Totals	2008	MH	Aggregate	Aggregate	Gasoline	176216.3	1413631.561	1413632	0	17628.67	0	2.304875	0	0.007448	2.312324	0.007858	0	4.53E-05	0.007904	0.004675	0.024075	0.036654	0.008428	0	4.81E-05	0.008476	0.018699	0.068787	0.095962	2952.926	0	0.902511
Statewide Totals	2008	MH	Aggregate	Aggregate	Diesel	29714.1	322026.0727	322026.1	0	2971.41	0	2.566425	0	0	2.566425	0.074659	0	0	0.074659	0.00142	0.005457	0.081536	0.078035	0	0	0.078035	0.00568	0.015592	0.099306	369.4161	0	0
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Gasoline	65980.9	2600931.68	2600932	0	1320146	0	7.387374	0.006103	0.823279	8.216757	0.013686	0	0.006111	0.019797	0.008601	0.044272	0.072671	0.014702	0	0.006465	0.021168	0.034404	0.126493	0.182065	5408.402	41.20576	109.8128
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Diesel	270527.7	10575724.68	10575725	0	3242547	0	114.1798	12.32156	0	126.5014	3.993768	0.189179	0	4.182948	0.034973	0.180858	4.398779	4.174349	0.197733	0	4.372082	0.139893	0.516737	5.028712	13753.62	734.5581	0
Statewide Totals	2008	MHDT	Aggregate	Aggregate	Natural Ga	35.13948	692.2174927	692.2175	0	417.1553	0	0.000171	0.000226	0	0.000396	3.38E-07	4E-07	0	7.38E-07	2.29E-06	1.19E-05	1.5E-05	3.68E-07	4.35E-07	0	8.03E-07	9.16E-06	3.41E-05	4.4E-05	0.72987	0.173361	0
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Gasoline	16610.37	907080.4587	907080.5	0	332340.4	0	1.49011	0.001175	0.167472	1.658757	0.001346	0	0.000343	0.001689	0.003	0.015497	0.020186	0.001456	0	0.000365	0.001821	0.011999	0.044278	0.058098	1841.81	7.208449	14.18979
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Diesel	10389	687439.9286	687439.9	0	121582.2	0	10.19101	0.515808	0	10.70682	0.402612	0.008156	0	0.410767	0.002273	0.017969	0.431009	0.420816	0.008524	0	0.42934	0.009093	0.051339	0.489773	1066.272	32.75602	0
Statewide Totals	2008	OBUS	Aggregate	Aggregate	Natural Ga	32.12489	2037.845932	2037.846	0	285.9115	0	0.00048	5.61E-05	0	0.000536	9.4E-07	9.94E-08	0	1.04E-06	6.74E-06	3.47E-05	4.25E-05	1.02E-06	1.08E-07	0	1.13E-06	2.7E-05	9.91E-05	0.000127	2.098956	0.043085	0
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Gasoline	4233.393	185581.1711	185581.2	0	16933.57	0	0.577847	0.00403	0.010641	0.592518	0.00215	0	9.87E-05	0.002249	0.000409	0.003264	0.005922	0.002293	0	0.000105	0.002398	0.001637	0.009325	0.013359	196.1098	12.69938	1.552675
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Diesel	18727.89	486684.6519	486684.7	0	271179.9	0	6.264651	0.74312	0	7.00777	0.258641	0.015472	0	0.274112	0.001609	0.008561	0.284283	0.270335	0.016171	0	0.286507	0.006438	0.02446	0.317405	665.2258	45.51887	0
Statewide Totals	2008	SBUS	Aggregate	Aggregate	Natural Ga	192.1094	3798.741147	3798.741	0	2781.743	0	0.004051	0.001133	0	0.005184	1.6E-05	2.01E-06	0	1.8E-05	1.26E-05	6.75E-05	9.81E-05	1.74E-05	2.18E-06	0	1.96E-05	5.02E-05	0.000193	0.000263	6.916821	0.870574	0
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Gasoline	1277.715	114293.7922	114293.8	0	5105.721	0	0.083529	0	0.005817	0.089346	0.000101	0	2.72E-06	0.000103	0.000313	0.004414	0.004831	0.00011	0	2.96E-06	0.000113	0.001251	0.012613	0.013976	193.4868	0	0.521416
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Diesel	5942.943	610923.5577	610923.6	0	23766.17	0	10.87328	0	0	10.87328	0.062351	0	0	0.062351	0.004889	0.025623	0.092864	0.065171	0	0	0.065171	0.019556	0.07321	0.157937	1132.904	0	0
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Electricity	36.55444	1128.867651	0	1128.868	146.2178	2200.992	0	0	0	0	0	0	0	0	2.56E-08	1.64E-07	1.89E-07	0	0	0	0	1.02E-07	4.68E-07	5.7E-07	0	0	0
Statewide Totals	2008	UBUS	Aggregate	Aggregate	Natural Ga	5422.359	652311.9306	652311.9	0	21680.18	0	9.553431	0	0	9.553431	0.012024	0	0	0.012024	0.00595	0.027642	0.045616	0.012568	0	0	0.012568	0.023798	0.078978	0.115344	1314.421	0	0
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Gasoline	3877.895	256828.9026	256828.9	0	77588.93	0	2.447713	0	0.018791	2.466503	0.001517	0	0.000765	0.002283	0.001416	0.011285	0.014984	0.001607	0	0.000804	0.002411	0.005662	0.032244	0.040317	725.6381	0	11.21953
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Diesel	220484	33207200.33	33207200	0	3181262	0	570.5894	15.15513	0.015296	585.7598	19.65468	0.386141	0	20.04082	0.324691	1.323373	21.68888	20.54337	0.403601	0	20.94697	1.298765	3.781065	26.0268	63333.22	1558.95	0
Statewide Totals	2009	HHDT	Aggregate	Aggregate	Natural Ga	1607.356	109815.336	109815.3	0	8176.028	0	1.38245	0.018201	0	1.400651	0.003008	6.01E-06	0	0.003014	0.001089	0.008186	0.012289	0.003272	6.54E-06	0	0.003278	0.004358	0.023388	0.031024	248.305	13.51693	0
Statewide Totals	2009	LDA	Aggregate	Aggregate	Gasoline	13178663	433497119.1	4.33E+08	0	61570531	0	148.6447	0	44.64716	193.2919	1.506033	0	0.338207	1.84424	0.955698	1.291201	4.091139	1.633274	0	0.365478	1.998752	3.822793	3.689146	9.510691	170100.2	0	6763.506
Statewide Totals	2009	LDA	Aggregate	Aggregate	Diesel	60958.02	1342022.689	1342023	0	249690	0	2.113346	0	0	2.113346	0.19785	0	0	0.19785	0.002959	0.004054	0.204863	0.206796	0	0	0.206796	0.011835	0.011582	0.230213	468.4362	0	0
Statewide Totals	2009	LDA	Aggregate	Aggregate	Electricity	10997.32	283498.1393	0	283498.1	53384.96	109453.7	0	0	0	0	0	0	0	0	0.000625	0.000479	0.001104	0	0	0	0	0.0025	0.00137	0.00387	0	0	0
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Gasoline	1687519	48512286.25	48512286	0	7480953	0	37.56542	0	7.724033	45.28945	0.357062	0	0.073211	0.430273	0.106951	0.176963	0.714188	0.38579	0	0.07894	0.46473	0.427806	0.505609	1.398145	22079.92	0	1031.451
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Diesel	4170.939	87987.51708	87987.52	0	16355.56	0	0.149913	0	0	0.149913	0.017945	0	0	0.017945	0.000194	0.000345	0.018483	0.018756	0	0	0.018756	0.000776	0.000985	0.020517	45.1035	0	0
Statewide Totals	2009	LDT1	Aggregate	Aggregate	Electricity	1333.46	30754.56921	0	30754.57	6217.284	11873.8	0	0	0	0	0	0	0	0	6.78E-05	5.22E-05	0.00012	0	0	0	0	0.000271	0.000149	0.00042	0	0	0
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Gasoline	4539097	149799400.1	1.5E+08	0	21361890	0	90.01226	0	27.6864	117.6987	0.499474	0	0.101889	0.601363	0.330251	0.524951	1.456566	0.541284	0	0.11031	0.651594	1.321006	1.499861	3.472461	78026.43	0	3030.468
Statewide Totals	2009	LDT2	Aggregate	Aggregate	Diesel	494.14	11734.34087	11734.34	0	2002.053	0	0.021183	0	0	0.021183	0.002159	0	0	0.002159	2.59E-05	4.29E-05	0.002228	0.002257	0	0	0.002257	0.000103	0.000123	0.002483	5.933633	0	0
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Gasoline	588178.8	19364493.53	19364494	0	8762988	0	14.58682	0.026831	5.841582	20.45523	0.068317	0	0.009534	0.077852	0.042691	0.582738	0.703281	0.074171	0	0.01032	0.084491	0.170766	1.664965	1.920222	20752.09	82.38158	242.5954
Statewide Totals	2009	LHDT1	Aggregate	Aggregate	Diesel	364755.3	13259316.66	13259317	0	4588163	0	80.95485	1.043821	0	81.99867	1.162123	0.012296	0	1.174419	0.043848	0.399014	1.617281	1.214669	0.012852	0	1.227522	0.175391	1.14004	2.542952	8029.68	57.7003	0
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Gasoline	72029.45	2407407.829	2407408	0	1073131	0	1.581603	0.003302	0.750917	2.335822	0.006803	0	0.000918	0.007721	0.005307	0.084521	0.09755	0.007393	0	0.000996	0.008389	0.02123	0.241488	0.271107	2881.326	11.63666	33.00283
Statewide Totals	2009	LHDT2	Aggregate	Aggregate	Diesel	97039.71	3536702.139	3536702	0	1220637	0	20.23991	0.277699	0	20.51761	0.30636	0.003134	0	0.309495	0.011696	0.124169	0.445359	0.320213	0.003276	0	0.323489	0.046783	0.354768	0.725039	2663.713	24.2711	0
Statewide Totals	2009	MCY	Aggregate	Aggregate	Gasoline	657910.8	4017955.739	4017956	0	1315822	0	4.743074	0	0.406153	5.149228	0.010759	0	0.009174	0.019933	0.004429	0.018602	0.042964	0.011318	0	0.009635	0.020953	0.017716	0.053148	0.091818	953.1087	0	110.3562
Statewide Totals	2009	MDV	Aggregate	Aggregate	Gasoline	3984606	134168933.6	1.34E+08	0	18989033	0	73.37783	0	24.16533	97.54316	0.366194	0	0.085934	0.452128	0.295792	0.463572	1.211492	0.397027	0	0.09314	0.490167	1.183168	1.324492	2.997828	79217.11	0	2952.546
Statewide Totals	2009	MDV	Aggregate	Aggregate	Diesel	6375.423	157080.615	157080.6	0	26593.61	0	0.164646	0	0	0.164646	0.021453	0	0	0.021453	0.000346	0.000562	0.022361	0.022423	0	0	0.022423	0.001385	0.001606	0.025414	92.13579	0	0
Statewide Totals	2009	MH	Aggregate	Aggregate	Gasoline	168478.8	1335038.799	1335039	0	16854.62	0	2.099895	0	0.00705	2.106944	0.007102	0	4.07E-05	0.007143	0.004415	0.022736	0.034294	0.00762	0	4.32E-05	0.007663	0.01766	0.06496	0.090282	2820.88	0	0.854436
Statewide Totals	2009	MH	Aggregate	Aggregate	Diesel	29938	315535.21	315535.2	0	2993.8	0	2.464178	0	0	2.464178	0.072934	0	0	0.072934	0.001391	0.005347	0.079672	0.076231	0	0	0.076231	0.005565	0.015277	0.097074	362.0796	0	0
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Gasoline	59206.33	2347307.016	2347307	0	1184600	0	6.314316	0.005497	0.744289	7.064101	0.01135	0	0.005219	0.016569	0.007762	0.039949	0.06428	0.012188	0	0.005521	0.017709	0.03105	0.114141	0.162899	4934.969	37.44894	98.39535
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Diesel	256088.6	9576913.525	9576914	0	3056749	0	100.8666	11.67785	0.003987	112.5484	3.521763	0.169388	0	3.69115	0.03167	0.163778	3.886598	3.681001	0.177047	0	3.858048	0.126681	0.467936	4.452665	12462.5	703.4727	0
Statewide Totals	2009	MHDT	Aggregate	Aggregate	Natural Ga	133.754	6021.941789	6021.942	0	1421.435	0	0.001411	0.000925	0	0.002336	2.81E-06	1.64E-06	0	4.45E-06	1.99E-05	0.000103	0.000127	3.06E-06	1.78E-06	0	4.84E-06	7.97E-05	0.000294	0.000378	6.195404	0.710596	0

Statewide Totals	2009	OBUS	Aggregate	Aggregate	Gasoline	17349.44	959373.3601	959373.4	0	347127.6	0	1.399417	0.00123	0.171668	1.572315	0.001218	0	0.00031	0.001528	0.003173	0.01639	0.021092	0.001318	0	0.00033	0.001648	0.01269	0.04683	0.061169	1972.657	7.624776	14.69003
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Diesel	10908.57	615721.2935	615721.3	0	123955	0	8.598294	0.486158	0.000325	9.084777	0.333442	0.007388	0	0.34083	0.002036	0.016156	0.359022	0.348519	0.007722	0	0.356241	0.008145	0.046159	0.410545	959.3762	31.41272	0
Statewide Totals	2009	OBUS	Aggregate	Aggregate	Natural Ga	169.5092	9087.645414	9087.645	0	1508.632	0	0.002161	0.000296	0	0.002457	4.21E-06	5.24E-07	0	4.74E-06	3.01E-05	0.000155	0.00019	4.58E-06	5.7E-07	0	5.15E-06	0.00012	0.000443	0.000568	9.389443	0.227197	0
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Gasoline	4344.798	191367.6473	191367.6	0	17379.19	0	0.568827	0.004157	0.010853	0.583837	0.002109	0	9.56E-05	0.002205	0.000422	0.003369	0.005996	0.002249	0	0.000102	0.002351	0.001688	0.009627	0.013665	204.5656	13.20225	1.586013
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Diesel	19342.04	437210.3543	437210.4	0	280072.7	0	5.453014	0.770102	0.00051	6.223626	0.21925	0.014373	0	0.233623	0.001446	0.00769	0.242759	0.229163	0.015023	0	0.244187	0.005783	0.021971	0.271941	596.9609	47.74495	0
Statewide Totals	2009	SBUS	Aggregate	Aggregate	Natural Ga	333.9597	7179.843942	7179.844	0	4835.736	0	0.007793	0.001969	0	0.009763	3.05E-05	3.49E-06	0	3.4E-05	2.37E-05	0.000128	0.000186	3.31E-05	3.8E-06	0	3.69E-05	9.5E-05	0.000365	0.000497	13.21391	1.512418	0
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Gasoline	1690.785	151448.9112	151448.9	0	6763.142	0	0.053459	0	0.007345	0.060804	8.95E-05	0	2.32E-06	9.18E-05	0.000438	0.006007	0.006536	9.73E-05	0	2.52E-06	9.99E-05	0.00175	0.017162	0.019012	287.3645	0	0.724635
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Diesel	5074.774	520223.5672	520223.6	0	20299.09	0	9.135588	0	0	9.135588	0.050202	0	0	0.050202	0.00429	0.021942	0.076435	0.052472	0	0	0.052472	0.017162	0.062692	0.132326	979.321	0	0
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Electricity	36.16128	1384.873997	0	1384.874	144.6451	2820.398	0	0	0	0	0	0	0	0	1.67E-06	1.07E-05	1.24E-05	0	0	0	0	6.69E-06	3.07E-05	3.74E-05	0	0	0
Statewide Totals	2009	UBUS	Aggregate	Aggregate	Natural Ga	5829.932	691107.7247	691107.7	0	23319.73	0	9.118171	0	0	9.118171	0.011265	0	0	0.011265	0.006301	0.029294	0.046859	0.011774	0	0	0.011774	0.025203	0.083697	0.120674	1427.185	0	0
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Gasoline	3677.34	251796.7681	251796.8	0	73576.22	0	2.32771	0	0.017888	2.345597	0.001433	0	0.000696	0.002129	0.001388	0.010949	0.014466	0.001517	0	0.000731	0.002248	0.005551	0.031284	0.039084	702.6376	0	10.24365
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Diesel	229437.4	33342764.18	33342764	0	3382274	0	552.0686	16.44154	0.165054	568.6752	19.48132	0.392964	0	19.87428	0.326012	1.31319	21.51348	20.36218	0.410732	0	20.77291	1.304049	3.751973	25.82893	63469.23	1778.666	0
Statewide Totals	2010	HHDT	Aggregate	Aggregate	Natural Ga	2163.77	145345.1568	145345.2	0	11024.91	0	1.429351	0.02443	0	1.453781	0.003001	8.45E-06	0	0.00301	0.001442	0.010677	0.015129	0.003264	9.19E-06	0	0.003273	0.005768	0.030507	0.039548	303.7453	18.05294	0
Statewide Totals	2010	LDA	Aggregate	Aggregate	Gasoline	13034486	443052047.8	4.43E+08	0	60728534	0	139.4661	0	42.0024	181.4685	1.367634	0	0.300369	1.668004	0.976763	1.322535	3.967302	1.483403	0	0.32469	1.808093	3.907053	3.778673	9.493818	170108.6	0	6455.669
Statewide Totals	2010	LDA	Aggregate	Aggregate	Diesel	63716.75	1583458.811	1583459	0	266062.4	0	2.022758	0	0	2.022758	0.182514	0	0	0.182514	0.003491	0.004734	0.190739	0.190767	0	0	0.190767	0.013964	0.013524	0.218255	526.146	0	0
Statewide Totals	2010	LDA	Aggregate	Aggregate	Electricity	12034.3	319959.8534	0	319959.9	58183.19	123530.9	0	0	0	0	0	0	0	0	0.000705	0.000541	0.001247	0	0	0	0	0.002822	0.001546	0.004368	0	0	0
Statewide Totals	2010	LDA	Aggregate	Aggregate	Plug-in Hyb	21.4848	1001.753363	542.8215	458.9318	88.83964	138.6111	4.02E-06	0	1.11E-05	1.51E-05	1.86E-07	0	3.35E-08	2.2E-07	2.21E-06	1.51E-06	3.94E-06	2.02E-07	0	3.64E-08	2.39E-07	8.83E-06	4.31E-06	1.34E-05	0.174344	0	0.007084
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Gasoline	1631795	48585578.49	48585578	0	7217402	0	34.92385	0	7.139771	42.06362	0.326852	0	0.064943	0.391796	0.107113	0.177936	0.676845	0.353323	0	0.070072	0.423395	0.428452	0.508389	1.360235	21715.57	0	964.5327
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Diesel	3932.668	84737.55022	84737.55	0	15251.9	0	0.142193	0	0	0.142193	0.01703	0	0	0.01703	0.000187	0.000334	0.01755	0.0178	0	0	0.0178	0.000747	0.000953	0.0195	43.51883	0	0
Statewide Totals	2010	LDT1	Aggregate	Aggregate	Electricity	1315.696	30565.98675	0	30565.99	6066.595	11800.99	0	0	0	0	0	0	0	0	6.74E-05	5.19E-05	0.000119	0	0	0	0	0.00027	0.000148	0.000418	0	0	0
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Gasoline	4539399	154081676.2	1.54E+08	0	21253478	0	86.85086	0	26.34765	113.1985	0.471343	0	0.094081	0.565424	0.339692	0.543871	1.448988	0.510761	0	0.101851	0.612612	1.358769	1.553918	3.525299	78473.2	0	2931.012
Statewide Totals	2010	LDT2	Aggregate	Aggregate	Diesel	495.1462	12491.55244	12491.55	0	2006.491	0	0.020175	0	0	0.020175	0.002109	0	0	0.002109	2.75E-05	4.54E-05	0.002182	0.002205	0	0	0.002205	0.00011	0.00013	0.002445	6.202375	0	0
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Gasoline	563654.1	18580397.05	18580397	0	8397606	0	13.70521	0.025753	5.755586	19.48655	0.063916	0	0.008759	0.072675	0.040963	0.559142	0.67278	0.069398	0	0.009483	0.078881	0.163851	1.597548	1.84028	19655.34	78.01053	228.2683
Statewide Totals	2010	LHDT1	Aggregate	Aggregate	Diesel	360787	13113814.96	13113815	0	4538247	0	78.9644	1.032465	0	79.99687	1.154548	0.011962	0	1.16651	0.043367	0.394635	1.604512	1.206751	0.012503	0	1.219254	0.173466	1.12753	2.52025	7992.205	57.07509	0
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Gasoline	71057.66	2395350.33	2395350	0	1058653	0	1.531885	0.003262	0.762386	2.297533	0.006497	0	0.000861	0.007358	0.005281	0.084097	0.096736	0.00706	0	0.000934	0.007995	0.021123	0.240278	0.269396	2815.573	11.34316	32.06912
Statewide Totals	2010	LHDT2	Aggregate	Aggregate	Diesel	96620.97	3530060.021	3530060	0	1215370	0	19.70027	0.276501	0	19.97677	0.305933	0.003077	0	0.309009	0.011674	0.123936	0.444618	0.319765	0.003216	0	0.322981	0.046695	0.354101	0.723777	2675.887	24.20854	0
Statewide Totals	2010	MCY	Aggregate	Aggregate	Gasoline	648124.9	3909546.089	3909546	0	1296250	0	4.476717	0	0.38664	4.863357	0.010119	0	0.008692	0.018811	0.00431	0.0181	0.041221	0.010647	0	0.009129	0.019776	0.017238	0.051714	0.088729	910.919	0	104.9501
Statewide Totals	2010	MDV	Aggregate	Aggregate	Gasoline	3942788	135054006.2	1.35E+08	0	18632661	0	72.8071	0	23.6208	96.42789	0.349868	0	0.080003	0.42987	0.297743	0.473336	1.20095	0.379371	0	0.086725	0.466096	1.190973	1.35239	3.009459	78511.37	0	2846.375
Statewide Totals	2010	MDV	Aggregate	Aggregate	Diesel	7880.201	235392.9582	235393	0	34624	0	0.154579	0	0	0.154579	0.02008	0	0	0.02008	0.000519	0.000803	0.021402	0.020988	0	0	0.020988	0.002076	0.002295	0.025359	133.343	0	0
Statewide Totals	2010	MH	Aggregate	Aggregate	Gasoline	159575.9	1281139.249	1281139	0	15963.97	0	1.96345	0	0.006626	1.970075	0.006582	0	3.63E-05	0.006618	0.004237	0.021819	0.032674	0.007064	0	3.86E-05	0.007102	0.016947	0.062341	0.08639	2672.736	0	0.78423
Statewide Totals	2010	MH	Aggregate	Aggregate	Diesel	29514.51	311038.9244	311038.9	0	2951.451	0	2.384533	0	0	2.384533	0.071045	0	0	0.071045	0.001371	0.005271	0.077688	0.074258	0	0	0.074258	0.005486	0.015061	0.094805	357.1542	0	0
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Gasoline	55869.14	2274507.923	2274508	0	1117830	0	5.899989	0.005201	0.701765	6.606955	0.010297	0	0.004645	0.014942	0.007522	0.038701	0.061165	0.011056	0	0.004915	0.015972	0.030087	0.110574	0.156632	4719.267	34.92187	90.12342
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Diesel	255248.4	9621196.681	9621197	0	3046173	0	98.91927	11.52626	0.046603	110.4921	3.475048	0.162458	0	3.637507	0.031817	0.164535	3.833858	3.632175	0.169804	0	3.801978	0.127267	0.4701	4.399345	12511.32	705.1223	0
Statewide Totals	2010	MHDT	Aggregate	Aggregate	Natural Ga	249.0336	11141.5613	11141.56	0	2667.723	0	0.00258	0.001714	0	0.004294	5.14E-06	3.04E-06	0	8.18E-06	3.68E-05	0.00019	0.000235	5.59E-06	3.3E-06	0	8.89E-06	0.000147	0.000543	0.000699	11.33591	1.309423	0
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Gasoline	17260.01	971570.3073	971570.3	0	345338.4	0	1.358423	0.001225	0.167999	1.527647	0.00114	0	0.000279	0.001419	0.003213	0.0166	0.021232	0.001234	0	0.000296	0.001531	0.012852	0.047428	0.06181	1973.592	7.495039	14.25055
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Diesel	11032.78	613244.3096	613244.3	0	126380.6	0	8.260545	0.494264	0.001554	8.756362	0.317685	0.006998	0	0.324683	0.002028	0.016045	0.342756	0.332049	0.007314	0	0.339364	0.008112	0.045842	0.393318	956.7803	32.86231	0
Statewide Totals	2010	OBUS	Aggregate	Aggregate	Natural Ga	260.6195	14746.35849	14746.36	0	2319.513	0	0.003638	0.000455	0	0.004093	7.02E-06	8.06E-07	0	7.82E-06	4.88E-05	0.000252	0.000309	7.63E-06	8.77E-07	0	8.51E-06	0.000195	0.000721	0.000925	15.38937	0.347447	0
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Gasoline	4389.668	202322.2029	202322.2	0	17558.67	0	0.566889	0.00422	0.010958	0.582066	0.002101	0	9.14E-05	0.002193	0.000446	0.00356	0.006199	0.00224	0	9.72E-05	0.002337	0.001784	0.010172	0.014294	212.7936	13.18321	1.555386
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Diesel	19798.06	432920.7669	432920.8	0	286675.8	0	5.160796	0.78707	0.003451	5.951317	0.207005	0.01278	0	0.219786	0.001432	0.007612	0.228829	0.216365	0.013358	0	0.229723	0.005727	0.021749	0.257199	588.8264	49.50521	0
Statewide Totals	2010	SBUS	Aggregate	Aggregate	Natural Ga	665.9445	13755.98265	13755.98	0	9642.877	0	0.015496	0.003927	0	0.019423	5.93E-05	6.96E-06	0	6.62E-05	4.55E-05	0.000246	0.000357	6.45E-05	7.57E-06	0	7.21E-05	0.000182	0.000702	0.000956	25.78935	2.999777	0
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Gasoline	1787.065	171470.6998	171470.7	0	7148.261	0	0.044668	0	0.007591	0.052259	6.62E-05	0	1.77E-06	6.8E-05	0.000504	0.00686	0.007432	7.2E-05	0	1.92E-06	7.39E-05	0.002017	0.0196	0.021691	329.3621	0	0.759169
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Diesel	4920.572	485684.0005	485684	0	19682.29	0	8.224574	0	0	8.224574	0.009777	0	0	0.009777	0.004079	0.020447	0.034302	0.010219	0	0	0.010219	0.016314	0.058419	0.084952	912.4636	0	0
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Electricity	35.00903	752.9531959	0	752.9532	140.0361	1579.907	0	0	0	0	0	0	0	0	2.25E-07	1.42E-06	1.65E-06	0	0	0	0	9.01E-07	4.07E-06	4.97E-06	0	0	0
Statewide Totals	2010	UBUS	Aggregate	Aggregate	Natural Ga	6077.218	701230.6457	701230.6	0	24308.87	0	8.287203	0	0	8.287203	0.010097	0	0	0.010097	0.006395	0.029709	0.046201	0.010553	0	0	0.010553	0.025581	0.084882	0.121017	1463.951	0	0
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Gasoline	3470.117	240200.9971	240201	0	69430.1	0	2.160201	0	0.018542	2.178743	0.001296	0	0.000628	0.001924	0.001324	0.010247	0.013496	0.001373	0	0.00066	0.002032	0.005296	0.029279	0.036606	668.0029	0	9.378499
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Diesel	230366.4	33956560.1	33956560	0	3424172	0	529.5521	17.13444	0.447803	547.1344	19.18606	0.375705	0	19.56176	0.332011	1.319156	21.21293	20.05357	0.392693	0	20.44626	1.328046	3.769017	25.54332	64295.32	1951.014	0
Statewide Totals	2011	HHDT	Aggregate	Aggregate	Natural Ga	2820.508	194108.4953	194108.5	0	15327.11	0	1.483102	0.033077	0	1.516179	0.00301	1.57E-05	0	0.003026	0.001926	0.013776	0.018727	0.003274	1.7E-05	0	0.003291	0.007703	0.039359	0.050353	382.5573	24.46084	0
Statewide Totals	2011	LDA	Aggregate	Aggregate	Gasoline	12971612	440985043.2	4.41E+08	0	60326141	0	125.4409	0	39.49505	164.936	1.19727	0	0.266354	1.463624	0.972206	1.317737	3.753567	1.298839	0	0.288026	1.586864	3.888825	3.764963	9.240652	167401.9	0	6260.027
Statewide Totals	2011	LDA	Aggregate	Aggregate	Diesel	70548.93	1961279.525	1961280	0	303386.7	0	1.871955	0	0	1.871955	0.162338	0	0	0.162338	0.004324	0.005787	0.172449	0.169678	0	0	0.169678	0.017296	0.016534	0.203508	621.8128	0	0
Statewide Totals	2011	LDA	Aggregate	Aggregate	Electricity	15649.21	432555.4126	0	432555.4	76388.69	167002.1	0	0	0	0	0	0	0	0	0.000954	0.00073	0.001684	0	0	0	0	0.003814	0.002087	0.005902	0	0	0
Statewide Totals	2011	LDA	Aggregate	Aggregate	Plug-in Hyb	1097.749	51488.88956	27900.36	23588.53	4539.191	7124.439	0.000206	0	0.000566	0.000772	1.29E-05	0	2.57E-06	1.55E-05	0.000114	7.74E-05	0.000206	1.4E-05	0	2.8E-06	1.68E-05	0.000454	0.000221	0.000692	8.928455	0	0.37575
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Gasoline	1538031	45260246.32	45260246	0	6757554	0	31.2254	0	6.530342	37.75575	0.288386	0	0.057734	0.34612	0.099782	0.167031	0.612933	0.311795	0	0.062311	0.374106	0.399127	0.477233	1.250466	20106.14	0	890.8789
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Diesel	3734.383	79191.57602	79191.58	0	14307.89	0	0.13268	0	0	0.13268	0.015734	0	0	0.015734	0.000175	0.000314	0.016222	0.016445	0	0	0.016445	0.000698	0.000896	0.01804	40.79231	0	0
Statewide Totals	2011	LDT1	Aggregate	Aggregate	Electricity	1257.468	28238.7288	0	28238.73	5723.645	10902.48	0	0	0	0	0	0	0	0	6.23E-05	4.8E-05	0.00011	0	0	0	0	0.000249	0.000137	0.000386	0	0	0
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Gasoline	4629309	157050899.3	1.57E+08	0	21614427	0	80.78516	0	25.15251	105.9377	0.430665	0	0.086865	0.51753	0.346238	0.555637	1.419405	0.466736	0	0.094057	0.560792	1.384953	1.587534	3.533279	78579.01	0	2907.739
Statewide Totals	2011	LDT2	Aggregate	Aggregate	Diesel	568.6631	14951.89553	14951.9	0	2330.566	0	0.021239	0	0	0.021239	0.002168	0	0	0.002168	3.3E-05	5.36E-05	0.002254	0.002266	0	0	0.002266	0.000132	0.000153	0.002551	7.258326	0	0
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Gasoline	539753.5	17351691.2	17351691	0	8041523	0	12.37313	0.024702	5.656734	18.05457	0.057321	0	0.007984	0.065305	0.038254	0.522166	0.625725	0.062242	0	0.008646	0.070888	0.153016	1.491903	1.715807	18254.34	74.48972	216.639
Statewide Totals	2011	LHDT1	Aggregate	Aggregate	Diesel	355898.9	12655569.73	12655570	0	4476761	0	73.43935	1.018477	0	74.45783	1.090827	0.011646	0	1.102472	0.041851	0.380845	1.525169	1.140149	0.012172	0	1.152321	0.167405	1.088129	2.407855	7807.604	56.28157	0
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Gasoline	71050.92	2365813.063	2365813	0	1058553	0	1.428968	0.003267	0.780851	2.213087	0.006021	0	0.000815	0.006836	0.005216	0.08306	0.095112	0.006543	0	0.000884	0.007427	0.020863	0.237315	0.265605	2743.084	11.30961	31.8636
Statewide Totals	2011	LHDT2	Aggregate	Aggregate	Diesel	97139.09	3521079.859	3521080	0	1221888	0	18.26652	0.277983	0	18.54451	0.289997	0.003053	0	0.29305	0.011644	0.12362	0.428314	0.303109	0.003191	0	0.3063	0.046576	0.353201	0.706077	2708.629	24.37551	0
Statewide Totals	2011	MCY	Aggregate	Aggregate	Gasoline	656966.7	3836200.605	3836201	0	1313933	0	4.216817	0	0.377403	4.59422	0.009516	0	0.008517	0.018033	0.004229	0.01776	0.040022	0.010014	0	0.008946	0.018961	0.016915	0.050744	0.08662	884.3099	0	103.3675
Statewide Totals	2011	MDV	Aggregate	Aggregate	Gasoline	3924688	132509385.4	1.33E+08	0	18417707	0	68.88204	0	22.84322	91.72526	0.320962	0	0.074055	0.395017	0.292133	0.469154	1.156304	0.348066	0	0.080288	0.428354	1.168534	1.34044	2.937327	76394.61	0	2781.078
Statewide Totals	2011	MDV	Aggregate	Aggregate	Diesel	10984.35	378511.3369	378511.3	0	50953.71	0	0.141331	0	0	0.141331	0.018057	0	0	0.018057	0.000834	0.001247	0.020138	0.018873	0	0	0.018873	0.003338	0.003563	0.025774	206.2568	0	0
Statewide Totals	2011	MH	Aggregate	Aggregate	Gasoline	150602.3	1191946.467	1191946	0	15066.25	0	1.745321	0	0.006201	1.751522	0.005844	0	3.24E-05	0.005876	0.003942	0.020301	0.030119	0.006273	0	3.44E-05	0.006307	0.015767	0.058003	0.080077	2476.957	0	0.724178
Statewide Totals	2011	MH	Aggregate	Aggregate	Diesel	29408.7	299296.238	299296.2	0	2940.87	0	2.251448	0	0	2.251448	0.067218	0	0	0.067218	0.00132	0.005073	0.07361	0.070257	0	0	0.070257	0.005279	0.014493	0.090029	343.7662	0	0
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Gasoline	54524.06	2261183.497	2261183	0	1090917	0	5.354048	0.0051	0.668315	6.027463	0.009062	0	0.004131	0.013193	0.007478	0.038468	0.059139	0.00973	0	0.004373	0.014103	0.02991	0.109909	0.153922	4667.539	33.99045	84.94083
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Diesel	254233.9	9807401.192	9807401	0	3031418	0	96.85533	11.2664	0.24314	108.3649	3.425535	0.152654	0	3.578188	0.032432	0.167719	3.77834	3.580422	0.159556	0	3.739978	0.12973	0.479197	4.348905	12684.95	704.5598	0
Statewide Totals	2011	MHDT	Aggregate	Aggregate	Natural Ga	346.8606	15159.67631	15159.68	0	3777.053	0	0.003561	0.002359	0	0.00592	7.05E-06	4.18E-06	0	1.12E-05	5.01E-05	0.000259	0.00032	7.67E-06	4.55E-06	0	1.22E-05	0.000201	0.000739	0.000952	15.46591	1.798062	0
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Gasoline	16507.97	910295.8296	910295.8	0	330291.4	0	1.238038	0.001173	0.158686	1.397897	0.001009	0	0.00025	0.001259	0.00301	0.015554	0.019823	0.001092	0	0.000266	0.001358	0.012041	0.04444	0.057839	1844.176	7.14746	13.4881
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Diesel	10874.74	623732.8866	623732.9	0	124914.4	0	8.016993	0.47652	0.00846	8.501973	0.308632	0.006261	0	0.314893	0.002063	0.016178	0.333134	0.322587	0.006545	0	0.329131	0.008251	0.046223	0.383605	969.7779	32.74992	0
Statewide Totals	2011	OBUS	Aggregate	Aggregate	Natural Ga	277.4759	16715.6517	16715.65	0	2469.536	0	0.004123	0.000484	0	0.004607	7.95E-06	8.58E-07	0	8.81E-06	5.53E-05	0.000286	0.00035	8.65E-06	9.33E-07	0	9.58E-06	0.000221	0.000817	0.001048	17.40494	0.369086	0
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Gasoline	4476.262	207234.9197	207234.9	0	17905.05	0	0.53082	0.00433	0.011408	0.546558	0.001992	0	8.63E-05	0.002078	0.000457	0.003648	0.006183	0.002122	0	9.17E-05	0.002214	0.001827	0.010422	0.014463	216.1105	13.40909	1.548763
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Diesel	20124.68	435282.9377	435282.9	0	291405.4	0	5.040534	0.796122	0.012695	5.84935	0.198212	0.011866	0	0.210078	0.001439	0.007652	0.21917	0.207174	0.012403	0	0.219577	0.005758	0.021862	0.247197	588.7667	50.67184	0
Statewide Totals	2011	SBUS	Aggregate	Aggregate	Natural Ga	952.3169	20271.2664	20271.27	0	13789.55	0	0.023091	0.005616	0	0.028707	8.78E-05	9.95E-06	0	9.77E-05	6.7E-05	0.000362	0.000527	9.55E-05	1.08E-05	0	0.000106	0.000268	0.001036	0.00141	38.19311	4.280096	0
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Gasoline	1931.171	180432.0261	180432	0	7724.685	0	0.045014	0	0.008234	0.053248	5.99E-05	0	1.54E-06	6.15E-05	0.000534	0.00724	0.007836	6.52E-05	0	1.68E-06	6.68E-05	0.002136	0.020686	0.022889	349.8123	0	0.834868
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Diesel	4518.253	440374.6922	440374.7	0	18073.01	0	6.956285	0	0	6.956285	0.007937	0	0	0.007937	0.003809	0.018607	0.030353	0.008296	0	0	0.008296	0.015236	0.053162	0.076694	833.4853	0	0
Statewide Totals	2011	UBUS	Aggregate	Aggregate	Electricity	35.44616	761.3824718	0	761.3825	141.7847	1582.024	0	0	0	0	0	0	0	0	2.12E-07	1.16E-06	1.38E-06	0	0	0	0	8.49E-07	3.33E-06	4.18E-06	0	0	0

Statewide Totals	2011	UBUS	Aggregate	Aggregate	Natural Ga	5818.81	652587.1967	652587.2	0	23275.24	0	6.86149	0	0	6.86149	0.008222	0	0	0.008222	0.005915	0.027657	0.041794	0.008594	0	0	0.008594	0.02366	0.079021	0.111275	1384.478	0	0
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Gasoline	3171.985	222973.7987	222973.8	0	63465.08	0	1.961243	0	0.015826	1.977069	0.001108	0	0.000524	0.001632	0.001229	0.00944	0.0123	0.001174	0	0.000551	0.001725	0.004916	0.02697	0.033611	620.1912	0	8.13789
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Diesel	233463.4	33729156.08	33729156	0	3516518	0	477.6818	18.76959	0.930227	497.3816	17.11423	0.337872	0	17.4521	0.329781	1.282606	19.06449	17.88806	0.353149	0	18.24121	1.319123	3.664588	23.22492	63433.57	2289.743	0
Statewide Totals	2012	HHDT	Aggregate	Aggregate	Natural Ga	3597.427	248225.5372	248225.5	0	20035.39	0	1.503309	0.042519	0	1.545828	0.002951	2.29E-05	0	0.002974	0.002463	0.016873	0.022309	0.00321	2.49E-05	0	0.003234	0.00985	0.048208	0.061293	468.3168	31.5253	0
Statewide Totals	2012	LDA	Aggregate	Aggregate	Gasoline	13123742	448579153.5	4.49E+08	0	61007955	0	113.0281	0	37.42091	150.449	1.066686	0	0.23894	1.305625	0.988948	1.339993	3.634567	1.157466	0	0.258517	1.415983	3.955794	3.82855	9.200327	168653.5	0	6189.394
Statewide Totals	2012	LDA	Aggregate	Aggregate	Diesel	78435.2	2370048.053	2370048	0	345197.3	0	1.741885	0	0	1.741885	0.145928	0	0	0.145928	0.005225	0.006941	0.158093	0.152526	0	0	0.152526	0.0209	0.01983	0.193257	722.4438	0	0
Statewide Totals	2012	LDA	Aggregate	Aggregate	Electricity	17835.9	502992.3792	0	502992.4	87396.14	194196.6	0	0	0	0	0	0	0	0	0.001109	0.000849	0.001958	0	0	0	0	0.004436	0.002425	0.006861	0	0	0
Statewide Totals	2012	LDA	Aggregate	Aggregate	Plug-in Hyb	10478.56	496177.0883	268864.2	227312.9	43328.86	68655.27	0.001983	0	0.005402	0.007385	0.000176	0	3.77E-05	0.000214	0.001094	0.000745	0.002052	0.000191	0	4.1E-05	0.000232	0.004376	0.002128	0.006736	86.10827	0	3.457839
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Gasoline	1495749	44087669.36	44087669	0	6555116	0	28.17014	0	6.052842	34.22299	0.257908	0	0.051961	0.309869	0.097197	0.162867	0.569933	0.278898	0	0.056098	0.334996	0.388787	0.465334	1.189118	19473.02	0	849.9118
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Diesel	3576.257	75511.3306	75511.33	0	13594.6	0	0.123631	0	0	0.123631	0.014508	0	0	0.014508	0.000166	0.000299	0.014974	0.015164	0	0	0.015164	0.000666	0.000856	0.016685	39.01445	0	0
Statewide Totals	2012	LDT1	Aggregate	Aggregate	Electricity	1252.361	27762.33421	0	27762.33	5661.264	10718.55	0	0	0	0	0	0	0	0	6.12E-05	4.72E-05	0.000108	0	0	0	0	0.000245	0.000135	0.00038	0	0	0
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Gasoline	4710186	159856016.2	1.6E+08	0	21936673	0	74.52182	0	23.92674	98.44856	0.394284	0	0.080145	0.474428	0.352422	0.566695	1.393546	0.427376	0	0.0868	0.514176	1.40969	1.619128	3.542994	79067.79	0	2894.879
Statewide Totals	2012	LDT2	Aggregate	Aggregate	Diesel	2713.993	110131.2248	110131.2	0	13289.32	0	0.029259	0	0	0.029259	0.002779	0	0	0.002779	0.000243	0.00035	0.003371	0.002905	0	0	0.002905	0.000971	0.000999	0.004875	45.57566	0	0
Statewide Totals	2012	LHDT1	Aggregate	Aggregate	Gasoline	517672.7	16320023.97	16320024	0	7712552	0	11.16319	0.023731	5.558415	16.74533	0.051498	0	0.007299	0.058797	0.035979	0.49112	0.585896	0.05592	0	0.007904	0.063825	0.143918	1.4032	1.610943	17136.3	71.64282	207.2254
Statewide Totals	2012	LHDT1	Aggregate	Aggregate	Diesel	350284.3	12154325.81	12154326	0	4406135	0	68.61811	1.00241	0	69.62052	1.037342	0.011322	0	1.048665	0.040194	0.365761	1.454619	1.084246	0.011834	0	1.096081	0.160774	1.045032	2.301887	7564.608	55.3899	0
Statewide Totals	2012	LHDT2	Aggregate	Aggregate	Gasoline	71494.34	2358378.673	2358379	0	1065159	0	1.338677	0.003293	0.802651	2.14462	0.005601	0	0.000765	0.006365	0.005199	0.082799	0.094364	0.006087	0	0.00083	0.006916	0.020797	0.23657	0.264283	2713.733	11.41193	32.00733
Statewide Totals	2012	LHDT2	Aggregate	Aggregate	Diesel	98959.88	3559915.588	3559916	0	1244791	0	17.21364	0.283194	0	17.49683	0.277819	0.003072	0	0.280891	0.011772	0.124984	0.417647	0.290381	0.003211	0	0.293592	0.04709	0.357096	0.697778	2777.12	24.87417	0
Statewide Totals	2012	MCY	Aggregate	Aggregate	Gasoline	670051.7	3855921.146	3855921	0	1340103	0	4.01679	0	0.36891	4.3857	0.009059	0	0.008352	0.01741	0.00425	0.017852	0.039513	0.009538	0	0.008774	0.018312	0.017002	0.051005	0.086319	882.3362	0	102.6382
Statewide Totals	2012	MDV	Aggregate	Aggregate	Gasoline	3928967	131177813.8	1.31E+08	0	18323341	0	64.95808	0	22.06995	87.02802	0.296119	0	0.06878	0.364899	0.289198	0.467921	1.122018	0.321162	0	0.074579	0.395741	1.156791	1.336918	2.889449	75358.4	0	2746.962
Statewide Totals	2012	MDV	Aggregate	Aggregate	Diesel	16392.11	611004.1085	611004.1	0	78133.82	0	0.165985	0	0	0.165985	0.018547	0	0	0.018547	0.001347	0.001963	0.021858	0.019386	0	0	0.019386	0.005388	0.005609	0.030383	324.281	0	0
Statewide Totals	2012	MH	Aggregate	Aggregate	Gasoline	143721.4	1126611.329	1126611	0	14377.89	0	1.557577	0	0.005877	1.563454	0.005176	0	2.85E-05	0.005205	0.003726	0.01919	0.02812	0.005559	0	3.03E-05	0.005589	0.014903	0.054827	0.075319	2345.147	0	0.675927
Statewide Totals	2012	MH	Aggregate	Aggregate	Diesel	29696.33	291774.4062	291774.4	0	2969.633	0	2.160219	0	0	2.160219	0.06478	0	0	0.06478	0.001287	0.004946	0.071012	0.067709	0	0	0.067709	0.005146	0.014131	0.086986	335.2966	0	0
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Gasoline	53008.78	2217494.377	2217494	0	1060600	0	4.902156	0.004978	0.639167	5.546301	0.007993	0	0.003645	0.011638	0.007333	0.037716	0.056687	0.008584	0	0.00386	0.012444	0.029332	0.107761	0.149537	4582.035	33.14334	80.37709
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Diesel	253766	9752039.566	9752040	0	3021990	0	91.20594	10.93194	0.517182	102.6551	3.236091	0.143258	0	3.37935	0.032249	0.166774	3.578373	3.382413	0.149736	0	3.532149	0.128997	0.476496	4.137643	12508.07	704.2586	0
Statewide Totals	2012	MHDT	Aggregate	Aggregate	Natural Ga	431.1716	20558.66243	20558.66	0	4728.908	0	0.004724	0.002912	0	0.007636	9.37E-06	5.16E-06	0	1.45E-05	6.8E-05	0.00035	0.000432	1.02E-05	5.61E-06	0	1.58E-05	0.000272	0.000999	0.001287	20.78995	2.221848	0
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Gasoline	16234.45	883121.9287	883121.9	0	324818.9	0	1.132026	0.001155	0.153521	1.286701	0.000907	0	0.000219	0.001126	0.00292	0.015092	0.019139	0.000982	0	0.000233	0.001215	0.011682	0.043121	0.056019	1794.315	7.048209	13.1076
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Diesel	10989.12	619418.7706	619418.8	0	127748.2	0	7.357737	0.476803	0.022328	7.856868	0.279682	0.005726	0	0.285407	0.002048	0.01585	0.303306	0.292328	0.005985	0	0.298312	0.008194	0.045286	0.351791	956.5183	34.42079	0
Statewide Totals	2012	OBUS	Aggregate	Aggregate	Natural Ga	315.1374	17765.84985	17765.85	0	2804.723	0	0.004407	0.00055	0	0.004957	8.49E-06	9.75E-07	0	9.46E-06	5.88E-05	0.000304	0.000373	9.23E-06	1.06E-06	0	1.03E-05	0.000235	0.000869	0.001115	18.56254	0.419618	0
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Gasoline	4442.141	206805.3553	206805.4	0	17768.56	0	0.492051	0.004319	0.011461	0.50783	0.001813	0	7.83E-05	0.001891	0.000456	0.00364	0.005987	0.001932	0	8.32E-05	0.002015	0.001824	0.010399	0.014237	214.7941	13.34716	1.510686
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Diesel	20666.78	430998.1935	430998.2	0	299255	0	4.823071	0.806468	0.025617	5.655156	0.148958	0.008694	0	0.157652	0.001425	0.007576	0.166653	0.155693	0.009087	0	0.16478	0.005701	0.021645	0.192126	582.5667	52.66359	0
Statewide Totals	2012	SBUS	Aggregate	Aggregate	Natural Ga	1043.219	22247.75086	22247.75	0	15105.82	0	0.025415	0.006152	0	0.031567	9.65E-05	1.09E-05	0	0.000107	7.36E-05	0.000398	0.000579	0.000105	1.19E-05	0	0.000117	0.000294	0.001137	0.001548	42.03483	4.693526	0
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Gasoline	2041.117	194799.6075	194799.6	0	8164.467	0	0.05159	0	0.00874	0.06033	5.93E-05	0	1.31E-06	6.07E-05	0.000577	0.00782	0.008457	6.45E-05	0	1.43E-06	6.6E-05	0.002308	0.022342	0.024715	374.2847	0	0.884317
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Diesel	4139.452	424680.9241	424680.9	0	16557.81	0	6.208412	0	0	6.208412	0.006688	0	0	0.006688	0.003702	0.017984	0.028374	0.006991	0	0	0.006991	0.014808	0.051382	0.073181	790.3035	0	0
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Electricity	30.43383	838.2802905	0	838.2803	121.7353	1733.095	0	0	0	0	0	0	0	0	4.6E-07	2.69E-06	3.15E-06	0	0	0	0	1.84E-06	7.69E-06	9.54E-06	0	0	0
Statewide Totals	2012	UBUS	Aggregate	Aggregate	Natural Ga	6182.998	678521.3014	678521.3	0	24731.99	0	6.624769	0	0	6.624769	0.008056	0	0	0.008056	0.006126	0.028744	0.042926	0.008421	0	0	0.008421	0.024503	0.082127	0.11505	1457.777	0	0
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Gasoline	2795.407	193135.3729	193135.4	0	55930.51	0	1.667352	0	0.018199	1.685551	0.000926	0	0.000429	0.001354	0.001064	0.008125	0.010544	0.000981	0	0.000451	0.001432	0.004258	0.023215	0.028905	533.9782	0	6.810766
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Diesel	241346.7	36264800.59	36264801	0	3632540	0	427.8227	18.98203	1.802843	448.6076	14.00027	0.243171	0	14.24344	0.354553	1.333302	15.9313	14.6333	0.254167	0	14.88747	1.418213	3.809435	20.11511	66622.69	2626.076	0
Statewide Totals	2013	HHDT	Aggregate	Aggregate	Natural Ga	5088.208	420986.4559	420986.5	0	34924.77	0	1.744106	0.068051	0	1.812157	0.003289	5.67E-05	0	0.003346	0.004177	0.025323	0.032845	0.003577	6.17E-05	0	0.003639	0.016706	0.072351	0.092695	745.4175	50.93422	0
Statewide Totals	2013	LDA	Aggregate	Aggregate	Gasoline	13410044	460981225.1	4.61E+08	0	62351338	0	101.4264	0	35.44142	136.8678	0.975691	0	0.222456	1.198147	1.01629	1.375696	3.590133	1.058813	0	0.240721	1.299533	4.065162	3.930559	9.295254	169883.2	0	6129.898
Statewide Totals	2013	LDA	Aggregate	Aggregate	Diesel	88978.74	2885155.402	2885155	0	400027.4	0	1.621955	0	0	1.621955	0.132022	0	0	0.132022	0.006361	0.008386	0.146769	0.137992	0	0	0.137992	0.025443	0.02396	0.187394	845.7697	0	0
Statewide Totals	2013	LDA	Aggregate	Aggregate	Electricity	33438.28	1013024.471	0	1013024	167521.5	391111.1	0	0	0	0	0	0	0	0	0.002233	0.001705	0.003939	0	0	0	0	0.008933	0.004872	0.013805	0	0	0
Statewide Totals	2013	LDA	Aggregate	Aggregate	Plug-in Hyb	28605.45	1342186.432	727292.5	614893.9	118283.5	185716.3	0.005362	0	0.01475	0.020112	0.000633	0	0.000143	0.000776	0.002959	0.002015	0.00575	0.000688	0	0.000156	0.000844	0.011836	0.005756	0.018436	231.721	0	9.216715
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Gasoline	1476705	43684740.63	43684741	0	6465723	0	25.45944	0	5.66311	31.12255	0.232704	0	0.047259	0.279963	0.096308	0.161137	0.537409	0.251708	0	0.05104	0.302748	0.385234	0.460393	1.148374	18987.59	0	815.2392
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Diesel	3483.87	74287.4816	74287.48	0	13215.78	0	0.114766	0	0	0.114766	0.013391	0	0	0.013391	0.000164	0.000293	0.013848	0.013997	0	0	0.013997	0.000655	0.000838	0.01549	38.28609	0	0
Statewide Totals	2013	LDT1	Aggregate	Aggregate	Electricity	1941.207	51268.08809	0	51268.09	9255.04	19793.71	0	0	0	0	0	0	0	0	0.000113	8.67E-05	0.0002	0	0	0	0	0.000452	0.000248	0.0007	0	0	0
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Gasoline	4879351	166070517.3	1.66E+08	0	22705560	0	68.28092	0	22.81412	91.09504	0.367791	0	0.075123	0.442914	0.366123	0.588509	1.397546	0.398744	0	0.081383	0.480127	1.464492	1.681454	3.626073	80380.48	0	2907.002
Statewide Totals	2013	LDT2	Aggregate	Aggregate	Diesel	4736.54	195748.8037	195748.8	0	23397.25	0	0.036959	0	0	0.036959	0.003666	0	0	0.003666	0.000432	0.00063	0.004727	0.003831	0	0	0.003831	0.001726	0.001799	0.007357	79.43827	0	0
Statewide Totals	2013	LHDT1	Aggregate	Aggregate	Gasoline	505638.4	15771483.29	15771483	0	7533259	0	10.15908	0.023221	5.564543	15.74684	0.046822	0	0.00677	0.053593	0.03477	0.474613	0.562975	0.050841	0	0.007331	0.058172	0.139081	1.356037	1.553289	16337.66	69.66074	200.775
Statewide Totals	2013	LHDT1	Aggregate	Aggregate	Diesel	353355.5	12090778.73	12090779	0	4444768	0	65.05757	1.011199	0	66.06877	0.999251	0.011266	0	1.010517	0.039983	0.363849	1.41435	1.044433	0.011776	0	1.056208	0.159934	1.039569	2.255711	7620.88	55.83418	0
Statewide Totals	2013	LHDT2	Aggregate	Aggregate	Gasoline	72174.73	2366545.839	2366546	0	1075296	0	1.241239	0.00333	0.824929	2.069499	0.005208	0	0.000718	0.005926	0.005217	0.083086	0.09423	0.005659	0	0.00078	0.006439	0.020869	0.237389	0.264697	2678.738	11.4683	32.05163
Statewide Totals	2013	LHDT2	Aggregate	Aggregate	Diesel	102565.7	3655054.316	3655054	0	1290147	0	16.42252	0.293513	0	16.71603	0.269784	0.003147	0	0.272931	0.012087	0.128324	0.413342	0.281982	0.003289	0	0.285272	0.048348	0.36664	0.700259	2885.11	25.80608	0
Statewide Totals	2013	MCY	Aggregate	Aggregate	Gasoline	682412.9	3886121.403	3886121	0	1364826	0	3.832905	0	0.359487	4.192392	0.008714	0	0.008169	0.016884	0.004284	0.017992	0.039159	0.009184	0	0.008585	0.017769	0.017135	0.051405	0.086308	876.6495	0	100.9176
Statewide Totals	2013	MDV	Aggregate	Aggregate	Gasoline	3902869	128720456.4	1.29E+08	0	18094512	0	60.69793	0	21.21201	81.90994	0.274127	0	0.064079	0.338205	0.28378	0.461623	1.083608	0.297343	0	0.06949	0.366833	1.135121	1.318921	2.820875	73050.89	0	2672.052
Statewide Totals	2013	MDV	Aggregate	Aggregate	Diesel	19490.27	739725.2108	739725.2	0	93519.78	0	0.16368	0	0	0.16368	0.01774	0	0	0.01774	0.001631	0.002375	0.021747	0.018543	0	0	0.018543	0.006523	0.006787	0.031853	387.4491	0	0
Statewide Totals	2013	MH	Aggregate	Aggregate	Gasoline	137880.4	1067481.807	1067482	0	13793.55	0	1.39322	0	0.005625	1.398845	0.004628	0	2.56E-05	0.004654	0.00353	0.018183	0.026367	0.004971	0	2.72E-05	0.004998	0.01412	0.05195	0.071069	2209.95	0	0.633309
Statewide Totals	2013	MH	Aggregate	Aggregate	Diesel	30228.26	289755.1446	289755.1	0	3022.826	0	2.072269	0	0	2.072269	0.061856	0	0	0.061856	0.001278	0.004912	0.068045	0.064653	0	0	0.064653	0.00511	0.014034	0.083798	333.0798	0	0
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Gasoline	53141	2266493.528	2266494	0	1063245	0	4.487732	0.005015	0.627158	5.119905	0.007133	0	0.003244	0.010377	0.007495	0.038531	0.056403	0.007663	0	0.003438	0.011101	0.029981	0.110089	0.151171	4649.478	33.08345	77.34537
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Diesel	255742.9	10529118.51	10529119	0	3041833	0	91.52829	10.70013	0.807817	103.0362	2.859746	0.102023	0	2.961769	0.034819	0.180057	3.176645	2.989051	0.106636	0	3.095687	0.139276	0.514447	3.749411	13320.33	712.8787	0
Statewide Totals	2013	MHDT	Aggregate	Aggregate	Natural Ga	470.2542	23380.15482	23380.15	0	5068.508	0	0.005414	0.003202	0	0.008616	1.07E-05	5.67E-06	0	1.64E-05	7.73E-05	0.000398	0.000491	1.16E-05	6.17E-06	0	1.78E-05	0.000309	0.001136	0.001463	23.80233	2.452178	0
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Gasoline	16794.24	909555.9951	909556	0	336019.2	0	1.049479	0.001196	0.156844	1.20752	0.000857	0	0.000205	0.001062	0.003008	0.015546	0.019616	0.000928	0	0.000218	0.001146	0.012031	0.044418	0.057596	1839.598	7.257661	13.28056
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Diesel	9923.08	667309.3992	667309.4	0	117080.5	0	7.124996	0.425645	0.036782	7.587423	0.265177	0.004663	0	0.26984	0.002207	0.016854	0.288901	0.277167	0.004874	0	0.28204	0.008827	0.048155	0.339023	1014.683	32.52365	0
Statewide Totals	2013	OBUS	Aggregate	Aggregate	Natural Ga	316.4831	20486.75887	20486.76	0	2816.699	0	0.005302	0.000552	0	0.005854	1.01E-05	9.79E-07	0	1.11E-05	6.77E-05	0.000353	0.000432	1.1E-05	1.06E-06	0	1.21E-05	0.000271	0.001009	0.001292	21.94487	0.423746	0
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Gasoline	4118.445	185981.7428	185981.7	0	16473.78	0	0.234022	0.004119	0.01104	0.249181	0.000468	0	1.78E-05	0.000486	0.00041	0.003285	0.004181	0.000507	0	1.92E-05	0.000527	0.00164	0.009387	0.011554	185.7065	12.34125	1.219066
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Diesel	20843.82	456730.5638	456730.6	0	301818.6	0	4.87674	0.804913	0.032902	5.714555	0.113669	0.006063	0	0.119732	0.00151	0.008024	0.129267	0.118809	0.006337	0	0.125146	0.006042	0.022926	0.154113	615.0712	53.59467	0
Statewide Totals	2013	SBUS	Aggregate	Aggregate	Natural Ga	1449.245	32774.69876	32774.7	0	20985.07	0	0.038226	0.008546	0	0.046772	0.000143	1.51E-05	0	0.000159	0.000108	0.000587	0.000854	0.000156	1.65E-05	0	0.000172	0.000434	0.001678	0.002284	62.94469	6.520367	0
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Gasoline	2223.654	206040.2848	206040.3	0	8894.615	0	0.054551	0	0.00951	0.064062	5.79E-05	0	1.36E-06	5.93E-05	0.000613	0.00829	0.008962	6.3E-05	0	1.48E-06	6.45E-05	0.002452	0.023685	0.026201	393.8542	0	0.973867
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Diesel	4022.614	401958.5948	401958.6	0	16090.46	0	5.519149	0	0	5.519149	0.005971	0	0	0.005971	0.00354	0.017031	0.026541	0.006241	0	0	0.006241	0.014159	0.04866	0.069059	740.6057	0	0
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Electricity	52.00137	3286.999329	0	3286.999	208.0055	6819.67	0	0	0	0	0	0	0	0	2.57E-05	5.84E-05	8.41E-05	0	0	0	0	0.000103	0.000167	0.000269	0	0	0
Statewide Totals	2013	UBUS	Aggregate	Aggregate	Natural Ga	6951.731	776091.1561	776091.2	0	27806.92	0	6.355431	0	0	6.355431	0.007633	0	0	0.007633	0.007019	0.032881	0.047533	0.007978	0	0	0.007978	0.028074	0.093946	0.129998	1754.702	0	0
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Gasoline	1760.058	121433.328	121433.3	0	35215.25	0	0.987776	0	0.011928	0.999704	0.00056	0	0.000259	0.000819	0.000669	0.004958	0.006447	0.000593	0	0.000273	0.000866	0.002677	0.014167	0.01771	333.8542	0	4.171876
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Diesel	250724.3	36387810.18	36387810	0	3824767	0	364.0178	21.24585	2.812037	388.0757	8.75352	0.159014	0	8.912533	0.355749	1.293928	10.56221	9.149315	0.166204	0	9.315519	1.422997	3.696936	14.43545	66907.02	3148.912	0
Statewide Totals	2014	HHDT	Aggregate	Aggregate	Natural Ga	5860.804	465616.4848	465616.5	0	40532.46	0	1.724639	0.079141	0	1.803779	0.003202	6.77E-05	0	0.00327	0.004619	0.027827	0.035716	0.003483	7.36E-05	0	0.003556	0.018477	0.079504	0.101538	806.6298	58.6186	0
Statewide Totals	2014	LDA	Aggregate	Aggregate	Gasoline	13609448	474015888.9	4.74E+08	0	63353029	0	89.83475	0	33.35106	123.1858	0.906067	0	0.20334	1.109407	1.045027	1.413676	3.568109	0.983709	0	0.220242	1.203951	4.180108	4.039073	9.423132	171617.4	0	6037.7
Statewide Totals	2014	LDA	Aggregate	Aggregate	Diesel	101287.5	3519654.742	3519655	0	464670.1	0	1.452089	0	0	1.452089	0.118033	0	0	0.118033	0.00776	0.010177	0.13597	0.12337	0	0	0.12337	0.031038	0.029078	0.183486	1000.743	0	0
Statewide Totals	2014	LDA	Aggregate	Aggregate	Electricity	47974.55	1553812.897	0	1553813	245094.6	599900	0	0	0	0	0	0	0	0	0.003426	0.002611	0.006036	0	0	0	0	0.013702	0.007459	0.021161	0	0	0
Statewide Totals	2014	LDA	Aggregate	Aggregate	Plug-in Hyb	55087.52	2577512.32	1396680	1180832	227786.9	356646.5	0.010289	0	0.028407	0.038696	0.00156	0	0.000363	0.001924	0.005682	0.00387	0.011477	0.001697	0	0.000395	0.002092	0.02273	0.011058	0.03588	443.5143	0	17.61438
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Gasoline	1443741	43518043.86	43518044	0	6348191	0	21.96137	0	5.225243	27.18661	0.198878	0	0.039592	0.23847	0.095941	0.160005	0.494417	0.21555	0	0.042864	0.258414	0.383764	0.457159	1.099336	18580.07	0	770.1821

Statewide Totals	2014	LDT1	Aggregate	Aggregate	Diesel	3117.533	64951.89225	64951.89	0	11665.16	0	0.098901	0	0	0.098901	0.011623	0	0	0.011623	0.000143	0.000258	0.012024	0.012148	0	0	0.012148	0.000573	0.000738	0.013459	33.34161	0	0
Statewide Totals	2014	LDT1	Aggregate	Aggregate	Electricity	2821.778	81848.2791	0	81848.28	13827.27	31600.19	0	0	0	0	0	0	0	0	0.00018	0.000138	0.000318	0	0	0	0	0.000722	0.000394	0.001116	0	0	0
Statewide Totals	2014	LDT2	Aggregate	Aggregate	Gasoline	5024240	172405408.2	1.72E+08	0	23359456	0	62.6026	0	21.70357	84.30616	0.352296	0	0.071587	0.423883	0.380089	0.610427	1.4144	0.382061	0	0.077581	0.459643	1.520357	1.744079	3.724078	81783.14	0	2909.711
Statewide Totals	2014	LDT2	Aggregate	Aggregate	Diesel	7801.605	333103.0947	333103.1	0	38994.4	0	0.042256	0	0	0.042256	0.004268	0	0	0.004268	0.000734	0.001068	0.00607	0.004461	0	0	0.004461	0.002937	0.003051	0.010449	131.8954	0	0
Statewide Totals	2014	LHDT1	Aggregate	Aggregate	Gasoline	507192	15396337.7	15396338	0	7556404	0	9.868185	0.023273	5.648405	15.53986	0.050952	0	0.009297	0.06025	0.033943	0.463324	0.557516	0.055052	0	0.009968	0.065019	0.135772	1.323781	1.524573	15859.47	69.67592	210.2226
Statewide Totals	2014	LHDT1	Aggregate	Aggregate	Diesel	355201.8	12042363.28	12042363	0	4467992	0	61.9548	1.016482	0	62.97128	0.967394	0.011196	0	0.97859	0.039823	0.362392	1.380805	1.011136	0.011702	0	1.022838	0.159293	1.035406	2.217537	7669.82	56.08383	0
Statewide Totals	2014	LHDT2	Aggregate	Aggregate	Gasoline	72173.24	2385260.2	2385260	0	1075274	0	1.131627	0.003338	0.839847	1.974812	0.004708	0	0.000633	0.00534	0.005259	0.083743	0.094342	0.005119	0	0.000688	0.005806	0.021034	0.239266	0.266107	2655.748	11.43384	31.76236
Statewide Totals	2014	LHDT2	Aggregate	Aggregate	Diesel	106587.1	3815020.941	3815021	0	1340731	0	15.75932	0.305021	0	16.06434	0.262873	0.003228	0	0.266101	0.012616	0.13394	0.412657	0.274759	0.003374	0	0.278132	0.050464	0.382686	0.711283	3041.985	26.8307	0
Statewide Totals	2014	MCY	Aggregate	Aggregate	Gasoline	695041.2	3951333.495	3951333	0	1390082	0	3.689442	0	0.349189	4.038631	0.00868	0	0.008183	0.016862	0.004356	0.018294	0.039512	0.009159	0	0.008603	0.017762	0.017422	0.052267	0.087451	880.5965	0	99.27853
Statewide Totals	2014	MDV	Aggregate	Aggregate	Gasoline	4030858	132836138.1	1.33E+08	0	18606456	0	58.43514	0	20.79891	79.23405	0.272156	0	0.063422	0.335577	0.292854	0.477052	1.105483	0.295145	0	0.068757	0.363902	1.171415	1.363005	2.898322	74404.16	0	2705.998
Statewide Totals	2014	MDV	Aggregate	Aggregate	Diesel	24823.26	978373.4696	978373.5	0	120509.9	0	0.173431	0	0	0.173431	0.017439	0	0	0.017439	0.002157	0.003115	0.022711	0.018227	0	0	0.018227	0.008628	0.0089	0.035755	502.3496	0	0
Statewide Totals	2014	MH	Aggregate	Aggregate	Gasoline	134225.3	1044461.016	1044461	0	13427.9	0	1.26963	0	0.005461	1.275091	0.004162	0	2.25E-05	0.004184	0.003454	0.017788	0.025427	0.004473	0	2.4E-05	0.004497	0.013816	0.050823	0.069137	2153.243	0	0.597233
Statewide Totals	2014	MH	Aggregate	Aggregate	Diesel	30745.79	288614.8497	288614.8	0	3074.579	0	2.004098	0	0	2.004098	0.0596	0	0	0.0596	0.001273	0.004893	0.065766	0.062295	0	0	0.062295	0.00509	0.01398	0.081365	331.9746	0	0
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Gasoline	53737.13	2351513.164	2351513	0	1075173	0	4.290561	0.005097	0.621615	4.917273	0.006432	0	0.002763	0.009195	0.007776	0.039955	0.056927	0.006919	0	0.002933	0.009851	0.031105	0.114158	0.155115	4780.858	33.31152	74.32833
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Diesel	258616	10571552.85	10571553	0	3071193	0	85.05517	10.4151	1.07706	96.54733	2.538499	0.092032	0	2.630531	0.034959	0.180783	2.846273	2.653278	0.096193	0	2.749471	0.139838	0.516524	3.405833	13387.8	720.1995	0
Statewide Totals	2014	MHDT	Aggregate	Aggregate	Natural Ga:	579.112	28373.8475	28373.85	0	6126.33	0	0.006565	0.003979	0	0.010545	1.29E-05	7.05E-06	0	1.99E-05	9.38E-05	0.000482	0.000596	1.4E-05	7.67E-06	0	2.17E-05	0.000375	0.001378	0.001775	28.63934	3.030785	0
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Gasoline	16239.46	837667.0682	837667.1	0	324919.2	0	1.001418	0.001154	0.153439	1.156011	0.000844	0	0.000199	0.001043	0.00277	0.014322	0.018135	0.000915	0	0.000212	0.001127	0.01108	0.04092	0.053127	1688.261	6.99277	12.7902
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Diesel	10000.01	673142.4479	673142.4	0	119052.5	0	6.79221	0.409963	0.045744	7.247917	0.280833	0.004597	0	0.28543	0.002226	0.016709	0.304364	0.293531	0.004805	0	0.298336	0.008904	0.047739	0.354979	1028.222	33.31315	0
Statewide Totals	2014	OBUS	Aggregate	Aggregate	Natural Ga:	241.0919	17723.31169	17723.31	0	2145.718	0	0.004482	0.000421	0	0.004902	8.62E-06	7.46E-07	0	9.36E-06	5.86E-05	0.000305	0.000372	9.37E-06	8.11E-07	0	1.02E-05	0.000234	0.00087	0.001115	18.75847	0.321938	0
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Gasoline	4248.627	195985.3348	195985.3	0	16994.51	0	0.224581	0.004259	0.011473	0.240313	0.000445	0	1.68E-05	0.000462	0.000432	0.003457	0.004351	0.000483	0	1.82E-05	0.000501	0.001728	0.009877	0.012106	193.1091	12.63228	1.230855
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Diesel	20573.83	451812.8791	451812.9	0	297909.1	0	4.693863	0.775589	0.040096	5.509548	0.028089	0.001419	0	0.029508	0.001494	0.007934	0.038937	0.029359	0.001483	0	0.030843	0.005976	0.02267	0.059489	610.8402	53.12402	0
Statewide Totals	2014	SBUS	Aggregate	Aggregate	Natural Ga:	1592.656	39906.77565	39906.78	0	23061.65	0	0.047046	0.009392	0	0.056438	0.000175	1.66E-05	0	0.000192	0.000132	0.000716	0.00104	0.000191	1.81E-05	0	0.000209	0.000528	0.002045	0.002782	76.64456	7.138219	0
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Gasoline	2150.302	199571.8632	199571.9	0	8601.209	0	0.051304	0	0.009312	0.060616	6E-05	0	1.33E-06	6.13E-05	0.000592	0.008017	0.00867	6.52E-05	0	1.45E-06	6.67E-05	0.002368	0.022906	0.02534	374.2744	0	0.936881
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Diesel	3857.957	348720.64	348720.6	0	15431.08	0	4.209243	0	0	4.209243	0.004768	0	0	0.004768	0.003005	0.014779	0.022552	0.004984	0	0	0.004984	0.012021	0.042225	0.05923	616.7645	0	0
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Electricity	51.27663	1302.002087	0	1302.002	205.1065	2619.237	0	0	0	0	0	0	0	0	4.95E-06	1.61E-05	2.1E-05	0	0	0	0	1.98E-05	4.59E-05	6.57E-05	0	0	0
Statewide Totals	2014	UBUS	Aggregate	Aggregate	Natural Ga:	7085.464	775329.611	775329.6	0	28338.6	0	5.673116	0	0	5.673116	0.006617	0	0	0.006617	0.006994	0.032855	0.046465	0.006916	0	0	0.006916	0.027975	0.093871	0.128761	1778.59	0	0
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Gasoline	870.251	26364.46475	26364.46	0	17411.98	0	0.389817	0	0.010053	0.39987	0.000373	0	0.000186	0.000559	0.000145	0.001127	0.001831	0.000394	0	0.000196	0.00059	0.000581	0.00322	0.004391	78.75442	0	2.469502
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Diesel	262464	36298335.29	36298335	0	4036940	0	313.1524	22.94337	3.982878	340.0787	7.208446	0.135914	0	7.34436	0.354864	1.253372	8.952597	7.53438	0.14206	0	7.67644	1.419457	3.581064	12.67696	66501.24	3573.709	0
Statewide Totals	2015	HHDT	Aggregate	Aggregate	Natural Ga:	7179.477	534874.4976	534874.5	0	50924.97	0	1.761642	0.098732	0	1.860374	0.003123	8.94E-05	0	0.003213	0.005306	0.03178	0.040299	0.003397	9.72E-05	0	0.003494	0.021226	0.090799	0.115519	903.5883	71.87384	0
Statewide Totals	2015	LDA	Aggregate	Aggregate	Gasoline	13950023	501705189.7	5.02E+08	0	65070535	0	80.52157	0	31.44711	111.9687	0.894422	0	0.19245	1.086872	1.106071	1.495106	3.68805	0.971478	0	0.208631	1.180109	4.424286	4.271733	9.876127	179557.2	0	6052.417
Statewide Totals	2015	LDA	Aggregate	Aggregate	Diesel	115310.4	4249858.175	4249858	0	535913.2	0	1.374358	0	0	1.374358	0.109322	0	0	0.109322	0.009369	0.012286	0.130977	0.114265	0	0	0.114265	0.037477	0.035102	0.186845	1180.834	0	0
Statewide Totals	2015	LDA	Aggregate	Aggregate	Electricity	84849.81	2819833.668	0	2819834	433444.4	1088689	0	0	0	0	0	0	0	0	0.006217	0.004738	0.010955	0	0	0	0	0.024867	0.013538	0.038405	0	0	0
Statewide Totals	2015	LDA	Aggregate	Aggregate	Plug-in Hyb	76002.82	3575822.64	1937636	1638186	314271.6	494781.1	0.014259	0	0.039208	0.053467	0.002489	0	0.000584	0.003073	0.007883	0.005369	0.016326	0.002707	0	0.000635	0.003342	0.031533	0.015341	0.050217	617.614	0	24.2937
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Gasoline	1517351	48349819.81	48349820	0	6731863	0	20.42332	0	4.986723	25.41004	0.194172	0	0.037706	0.231879	0.106593	0.175026	0.513498	0.210553	0	0.040847	0.2514	0.426373	0.500674	1.177846	20262.17	0	788.1293
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Diesel	2920.421	58556.69684	58556.7	0	10634.27	0	0.090372	0	0	0.090372	0.011108	0	0	0.011108	0.000129	0.000235	0.011472	0.011611	0	0	0.011611	0.000516	0.000671	0.012798	29.74932	0	0
Statewide Totals	2015	LDT1	Aggregate	Aggregate	Electricity	2711.937	77608.89158	0	77608.89	13128.83	29963.44	0	0	0	0	0	0	0	0	0.000171	0.000131	0.000302	0	0	0	0	0.000684	0.000374	0.001059	0	0	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Gasoline	5118411	178399337.1	1.78E+08	0	23711718	0	59.76113	0	21.03929	80.80042	0.350038	0	0.069378	0.419416	0.393304	0.633931	1.446651	0.3799	0	0.075256	0.455156	1.573214	1.811231	3.839601	83944.95	0	2916.731
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Diesel	14053.27	592493.1615	592493.2	0	68855.82	0	0.104143	0	0	0.104143	0.011863	0	0	0.011863	0.001306	0.001909	0.015078	0.012399	0	0	0.012399	0.005225	0.005454	0.023078	232.9444	0	0
Statewide Totals	2015	LDT2	Aggregate	Aggregate	Electricity	874.96	25159.02465	0	25159.02	4238.921	9713.46	0	0	0	0	0	0	0	0	5.55E-05	4.25E-05	9.79E-05	0	0	0	0	0.000222	0.000121	0.000343	0	0	0
Statewide Totals	2015	LHDT1	Aggregate	Aggregate	Gasoline	498888.9	15600575.75	15600576	0	7432701	0	9.199178	0.022938	5.665444	14.88756	0.046927	0	0.008112	0.055038	0.034393	0.46947	0.558902	0.050751	0	0.008711	0.059461	0.137574	1.341342	1.538377	15870.57	68.85682	204.7248
Statewide Totals	2015	LHDT1	Aggregate	Aggregate	Diesel	362293.3	12577307.97	12577308	0	4557194	0	59.99064	1.036776	0	61.02741	0.953078	0.011278	0	0.964356	0.041592	0.37849	1.384438	0.996172	0.011788	0	1.00796	0.166369	1.0814	2.255729	8112.752	57.05977	0
Statewide Totals	2015	LHDT2	Aggregate	Aggregate	Gasoline	72058.78	2429698.286	2429698	0	1073568	0	1.083515	0.003336	0.844764	1.931615	0.004629	0	0.000602	0.005232	0.005357	0.085303	0.095891	0.005033	0	0.000655	0.005688	0.021426	0.243724	0.270838	2680.399	11.46504	31.7984
Statewide Totals	2015	LHDT2	Aggregate	Aggregate	Diesel	114007.5	4229901.015	4229901	0	1434071	0	15.48391	0.326256	0	15.81017	0.265376	0.00343	0	0.268806	0.013988	0.148506	0.4313	0.277375	0.003585	0	0.28096	0.055952	0.424303	0.761215	3409.153	28.64305	0
Statewide Totals	2015	MCY	Aggregate	Aggregate	Gasoline	721328.6	4186368.783	4186369	0	1442657	0	3.708479	0	0.346476	4.054955	0.00907	0	0.008117	0.017187	0.004615	0.019382	0.041183	0.009587	0	0.00854	0.018127	0.018459	0.055376	0.091962	929.6208	0	100.4085
Statewide Totals	2015	MDV	Aggregate	Aggregate	Gasoline	4011877	135015635.3	1.35E+08	0	18474776	0	53.70833	0	19.32254	73.03087	0.267013	0	0.060278	0.327292	0.297659	0.484446	1.109396	0.289503	0	0.065331	0.354834	1.190635	1.384131	2.9296	75123.98	0	2659.009
Statewide Totals	2015	MDV	Aggregate	Aggregate	Diesel	42733.95	1775250.962	1775251	0	210109.6	0	0.305687	0	0	0.305687	0.021725	0	0	0.021725	0.003914	0.005623	0.031261	0.022707	0	0	0.022707	0.015655	0.016065	0.054427	898.9009	0	0
Statewide Totals	2015	MDV	Aggregate	Aggregate	Electricity	416.8482	8597.773335	0	8597.773	1832.992	3319.45	0	0	0	0	0	0	0	0	1.9E-05	1.47E-05	3.37E-05	0	0	0	0	7.58E-05	4.2E-05	0.000118	0	0	0
Statewide Totals	2015	MH	Aggregate	Aggregate	Gasoline	126227.6	1013798.744	1013799	0	12627.81	0	1.106572	0	0.005102	1.111673	0.003436	0	1.67E-05	0.003453	0.003353	0.017264	0.02407	0.003703	0	1.78E-05	0.003721	0.01341	0.049326	0.066457	2096.498	0	0.530684
Statewide Totals	2015	MH	Aggregate	Aggregate	Diesel	32379.82	308962.8166	308962.8	0	3237.982	0	2.021405	0	0	2.021405	0.059411	0	0	0.059411	0.001362	0.005239	0.066013	0.062098	0	0	0.062098	0.005449	0.014968	0.082515	355.4194	0	0
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Gasoline	54004.99	2434917.869	2434918	0	1080532	0	4.103436	0.005143	0.612551	4.721131	0.005998	0	0.002438	0.008435	0.008052	0.041355	0.057843	0.006457	0	0.002591	0.009048	0.032208	0.118158	0.159415	4945.264	33.58674	72.59066
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Diesel	264588.1	10561669.86	10561670	0	3142075	0	77.37903	10.19789	1.397467	88.97439	2.293389	0.084961	0	2.37835	0.034927	0.180615	2.593892	2.397086	0.088802	0	2.485889	0.139707	0.516042	3.141638	13387.87	733.3556	0
Statewide Totals	2015	MHDT	Aggregate	Aggregate	Natural Ga:	682.2433	32619.08443	32619.08	0	7145.295	0	0.007552	0.004719	0	0.012271	1.48E-05	8.36E-06	0	2.32E-05	0.000108	0.000554	0.000685	1.61E-05	9.1E-06	0	2.52E-05	0.000431	0.001583	0.00204	32.67286	3.569952	0
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Gasoline	16501.11	849354.3321	849354.3	0	330154.3	0	0.947587	0.001174	0.155175	1.103936	0.000825	0	0.000193	0.001018	0.002809	0.014521	0.018348	0.000894	0	0.000206	0.0011	0.011235	0.041489	0.053824	1713.835	7.126486	12.91131
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Diesel	10459.12	670351.7441	670351.7	0	122419.2	0	6.247369	0.389328	0.056087	6.692783	0.261338	0.004252	0	0.26559	0.002217	0.016474	0.28428	0.273154	0.004445	0	0.277599	0.008867	0.047067	0.333533	1025.445	32.84736	0
Statewide Totals	2015	OBUS	Aggregate	Aggregate	Natural Ga:	310.6692	20046.44206	20046.44	0	2764.956	0	0.005152	0.000542	0	0.005694	9.84E-06	9.61E-07	0	1.08E-05	6.63E-05	0.000345	0.000422	1.07E-05	1.05E-06	0	1.17E-05	0.000265	0.000986	0.001263	21.24461	0.413116	0
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Gasoline	6709.322	318562.4043	318562.4	0	26837.29	0	0.562069	0.006623	0.017259	0.585952	0.002053	0	8.65E-05	0.002139	0.000702	0.005618	0.008459	0.002188	0	9.2E-05	0.00228	0.002809	0.01605	0.02114	323.8719	19.97317	2.060913
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Diesel	20136.39	449005.6779	449005.7	0	291574.9	0	4.524892	0.745203	0.046629	5.316725	0.027321	0.001319	0	0.02864	0.001485	0.007884	0.038009	0.028557	0.001378	0	0.029935	0.005939	0.022526	0.0584	605.2315	51.89482	0
Statewide Totals	2015	SBUS	Aggregate	Aggregate	Natural Ga:	1602.942	42442.0822	42442.08	0	23210.59	0	0.050041	0.009452	0	0.059494	0.000187	1.68E-05	0	0.000203	0.00014	0.000761	0.001105	0.000203	1.82E-05	0	0.000221	0.000561	0.002175	0.002958	81.20312	7.156267	0
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Gasoline	2286.157	208552.9061	208552.9	0	9144.629	0	0.052314	0	0.009606	0.06192	7.48E-05	0	1.63E-06	7.64E-05	0.000607	0.008299	0.008982	8.14E-05	0	1.77E-06	8.31E-05	0.002427	0.023711	0.026221	374.7969	0	0.957838
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Diesel	3918.485	398234.0869	398234.1	0	15673.94	0	3.96504	0	0	3.96504	0.005094	0	0	0.005094	0.003477	0.016878	0.025449	0.005324	0	0	0.005324	0.013909	0.048222	0.067455	686.1713	0	0
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Electricity	56.10389	3339.86722	0	3339.867	224.4156	6569.03	0	0	0	0	0	0	0	0	1.91E-05	5.87E-05	7.78E-05	0	0	0	0	7.65E-05	0.000168	0.000244	0	0	0
Statewide Totals	2015	UBUS	Aggregate	Aggregate	Natural Ga:	6864.132	754515.3035	754515.3	0	27456.53	0	4.530571	0	0	4.530571	0.005109	0	0	0.005109	0.006762	0.03194	0.043811	0.00534	0	0	0.00534	0.027048	0.091256	0.123645	1732.453	0	0
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Gasoline	483.441	20532.49305	20532.49	0	9672.688	0	0.266259	0	0.005354	0.271613	0.000185	0	7.82E-05	0.000263	0.000113	0.000858	0.001234	0.000196	0	8.24E-05	0.000278	0.000453	0.00245	0.003181	58.79709	0	1.151604
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Diesel	268393.3	38160747.84	38160748	0	4167285	0	280.7102	23.92464	5.188838	309.8236	6.166751	0.11257	0	6.279321	0.373061	1.282251	7.934633	6.445584	0.11766	0	6.563244	1.492244	3.663573	11.71906	69798.01	3888.87	0
Statewide Totals	2016	HHDT	Aggregate	Aggregate	Natural Ga:	8481.312	647147.6369	647147.6	0	61958.16	0	1.899304	0.119065	0	2.018369	0.003226	0.000114	0	0.00334	0.00642	0.037637	0.047397	0.003508	0.000124	0	0.003632	0.025681	0.107535	0.136848	1066.378	85.57668	0
Statewide Totals	2016	LDA	Aggregate	Aggregate	Gasoline	13947603	537137077.2	5.37E+08	0	65141591	0	73.43249	0	29.24101	102.6735	0.924126	0	0.180989	1.105115	1.184185	1.597552	3.886853	1.004216	0	0.196409	1.200625	4.736742	4.564435	10.5018	189110.9	0	5896.222
Statewide Totals	2016	LDA	Aggregate	Aggregate	Diesel	107641.1	4124057.333	4124057	0	496837.9	0	1.293242	0	0	1.293242	0.100171	0	0	0.100171	0.009092	0.011973	0.121235	0.1047	0	0	0.1047	0.036368	0.034207	0.175276	1140.951	0	0
Statewide Totals	2016	LDA	Aggregate	Aggregate	Electricity	121982.8	4286578.99	0	4286579	621332.6	1654973	0	0	0	0	0	0	0	0	0.00945	0.007206	0.016657	0	0	0	0	0.037801	0.02059	0.058391	0	0	0
Statewide Totals	2016	LDA	Aggregate	Aggregate	Plug-in Hyb	92681.65	4570030.501	2476369	2093661	383238.6	632348.2	0.018192	0	0.047826	0.066019	0.003607	0	0.000814	0.004421	0.010075	0.006858	0.021354	0.003923	0	0.000885	0.004808	0.040301	0.019595	0.064704	787.9682	0	29.39363
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Gasoline	1517822	52647459.69	52647460	0	6776157	0	19.01402	0	4.581046	23.59507	0.191023	0	0.034466	0.225489	0.116068	0.188569	0.530125	0.207311	0	0.037375	0.244687	0.464272	0.538768	1.247726	21603.38	0	766.1349
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Diesel	2389.411	47860.58191	47860.58	0	8487.692	0	0.076883	0	0	0.076883	0.009447	0	0	0.009447	0.000106	0.000195	0.009748	0.009874	0	0	0.009874	0.000422	0.000558	0.010855	24.18365	0	0
Statewide Totals	2016	LDT1	Aggregate	Aggregate	Electricity	2448.043	72546.37041	0	72546.37	11771.33	28008.89	0	0	0	0	0	0	0	0	0.00016	0.000123	0.000283	0	0	0	0	0.00064	0.000351	0.00099	0	0	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Gasoline	4986778	184223198.1	1.84E+08	0	23042597	0	55.66417	0	19.08525	74.74942	0.351984	0	0.065079	0.417063	0.406143	0.654594	1.4778	0.382187	0	0.070632	0.452819	1.624572	1.870268	3.947659	85330.74	0	2777.078
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Diesel	14942.77	669978.4341	669978.4	0	73429.67	0	0.091054	0	0	0.091054	0.010457	0	0	0.010457	0.001477	0.002162	0.014096	0.01093	0	0	0.01093	0.005908	0.006177	0.023015	259.6161	0	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Electricity	729.7711	22152.99874	0	22153	3546.046	8552.886	0	0	0	0	0	0	0	0	4.88E-05	3.74E-05	8.63E-05	0	0	0	0	0.000195	0.000107	0.000302	0	0	0
Statewide Totals	2016	LDT2	Aggregate	Aggregate	Plug-in Hyb	607.5895	31043.90387	16821.8	14222.1	2512.383	4295.498	0.000124	0	0.000314	0.000438	3.31E-05	0	7.45E-06	4.06E-05	6.84E-05	4.65E-05	0.000156	3.6E-05	0	8.11E-06	4.41E-05	0.000274	0.000133	0.000451	5.357501	0	0.239148

Statewide Totals	2016	LHDT1	Aggregate	Aggregate	Gasoline	500619.2	17179773.47	17179773	0	7458481	0	9.01861	0.022994	5.785279	14.82688	0.046665	0	0.007174	0.053839	0.037875	0.516993	0.608707	0.050523	0	0.007716	0.058239	0.1515	1.477122	1.686861	17034.97	68.94331	205.2571
Statewide Totals	2016	LHDT1	Aggregate	Aggregate	Diesel	381350.7	14383013.8	14383014	0	4796912	0	61.04082	1.083853	0	62.12467	0.984425	0.011731	0	0.996157	0.047564	0.432829	1.47655	1.028937	0.012262	0	1.041199	0.190255	1.236656	2.468109	9407.063	59.80575	0
Statewide Totals	2016	LHDT2	Aggregate	Aggregate	Gasoline	69082.32	2388610.153	2388610	0	1029224	0	1.07989	0.003195	0.820811	1.903896	0.004628	0	0.000575	0.005203	0.005266	0.083861	0.094329	0.005032	0	0.000625	0.005657	0.021064	0.239602	0.266323	2639.229	10.98143	30.40676
Statewide Totals	2016	LHDT2	Aggregate	Aggregate	Diesel	119965.3	4721699.251	4721699	0	1509013	0	15.74122	0.341452	0	16.08267	0.274207	0.003584	0	0.277791	0.015614	0.165772	0.459178	0.286605	0.003746	0	0.290351	0.062457	0.473635	0.826444	3822.073	30.06399	0
Statewide Totals	2016	MCY	Aggregate	Aggregate	Gasoline	724849.5	4485487.33	4485487	0	1449699	0	3.774822	0	0.329475	4.104297	0.009366	0	0.007303	0.01667	0.004944	0.020766	0.042381	0.009921	0	0.007694	0.017615	0.019778	0.059333	0.096725	988.0353	0	97.41838
Statewide Totals	2016	MDV	Aggregate	Aggregate	Gasoline	3705270	129735887.5	1.3E+08	0	16905474	0	52.49585	0	18.07622	70.57207	0.270437	0	0.057335	0.327772	0.286019	0.46887	1.082661	0.293328	0	0.062166	0.355494	1.144075	1.339628	2.839197	71657.93	0	2422.109
Statewide Totals	2016	MDV	Aggregate	Aggregate	Diesel	50606	2233881.45	2233881	0	248798.6	0	0.333515	0	0	0.333515	0.023122	0	0	0.023122	0.004925	0.007105	0.035152	0.024167	0	0	0.024167	0.019699	0.020301	0.064168	1116.488	0	0
Statewide Totals	2016	MDV	Aggregate	Aggregate	Electricity	391.7573	8149.875848	0	8149.876	1694.647	3146.525	0	0	0	0	0	0	0	0	1.8E-05	1.4E-05	3.19E-05	0	0	0	0	7.19E-05	3.99E-05	0.000112	0	0	0
Statewide Totals	2016	MDV	Aggregate	Aggregate	Plug-in Hyb	2145.533	109181.8589	59162.53	50019.33	8871.777	15107.33	0.000433	0	0.001107	0.001541	0.00012	0	2.74E-05	0.000148	0.000241	0.000163	0.000551	0.000131	0	2.98E-05	0.00016	0.000963	0.000465	0.001588	18.78651	0	1.02116
Statewide Totals	2016	MH	Aggregate	Aggregate	Gasoline	117255.7	1006197.127	1006197	0	11730.26	0	0.954542	0	0.004783	0.959325	0.002668	0	9.92E-06	0.002678	0.003327	0.01713	0.023136	0.00289	0	1.07E-05	0.0029	0.01331	0.048944	0.065154	2073.069	0	0.451778
Statewide Totals	2016	MH	Aggregate	Aggregate	Diesel	32700.97	323425.4673	323425.5	0	3270.097	0	2.058821	0	0	2.058821	0.060437	0	0	0.060437	0.001426	0.005484	0.067347	0.06317	0	0	0.06317	0.005704	0.015669	0.084542	371.9492	0	0
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Gasoline	56371.22	2811903.722	2811904	0	1127875	0	4.041879	0.005399	0.626644	4.673922	0.005917	0	0.002095	0.008012	0.009299	0.047725	0.065036	0.00638	0	0.002231	0.008611	0.037195	0.136358	0.182164	5661.921	34.94898	72.22177
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Diesel	270110.3	11122009.85	11122010	0	3205899	0	73.68228	9.924616	1.772439	85.37934	2.158971	0.077193	0	2.236165	0.03678	0.190197	2.463142	2.25659	0.080684	0	2.337274	0.147119	0.543421	3.027814	14123.87	745.6212	0
Statewide Totals	2016	MHDT	Aggregate	Aggregate	Natural Ga	820.8753	39778.73959	39778.74	0	8456.797	0	0.009169	0.005737	0	0.014906	1.88E-05	1.02E-05	0	2.9E-05	0.000132	0.000677	0.000837	2.05E-05	1.11E-05	0	3.16E-05	0.000526	0.001933	0.002491	39.75157	4.304169	0
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Gasoline	15854.2	848355.5667	848355.6	0	317210.9	0	0.906981	0.00113	0.148514	1.056624	0.000793	0	0.000153	0.000946	0.002805	0.014504	0.018256	0.00086	0	0.000165	0.001024	0.011222	0.041441	0.053687	1707.969	6.837701	12.16078
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Diesel	10623.81	704352.6544	704352.7	0	124412.7	0	5.959904	0.365157	0.073758	6.398819	0.254379	0.003939	0	0.258318	0.002329	0.017064	0.277712	0.265881	0.004117	0	0.269998	0.009317	0.048755	0.32807	1083.313	33.0949	0
Statewide Totals	2016	OBUS	Aggregate	Aggregate	Natural Ga	346.0728	22991.23964	22991.24	0	3080.048	0	0.00598	0.000604	0	0.006584	1.16E-05	1.07E-06	0	1.27E-05	7.6E-05	0.000396	0.000485	1.26E-05	1.16E-06	0	1.38E-05	0.000304	0.001133	0.001451	24.38612	0.456879	0
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Gasoline	5648.847	287023.6671	287023.7	0	22595.39	0	0.548819	0.005564	0.01494	0.569323	0.001923	0	7.57E-05	0.001998	0.000633	0.00506	0.007691	0.00205	0	8.05E-05	0.002131	0.002531	0.014457	0.019119	292.0111	16.82526	1.770977
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Diesel	21683.62	466156.3207	466156.3	0	313978.9	0	4.54389	0.777614	0.059116	5.38062	0.028143	0.001396	0	0.029539	0.001542	0.008184	0.039265	0.029416	0.001459	0	0.030875	0.006166	0.023384	0.060425	627.5972	55.51358	0
Statewide Totals	2016	SBUS	Aggregate	Aggregate	Natural Ga	1976.446	51668.00789	51668.01	0	28618.93	0	0.059491	0.011655	0	0.071146	0.000225	2.07E-05	0	0.000246	0.000171	0.000925	0.001342	0.000245	2.25E-05	0	0.000267	0.000683	0.002643	0.003594	96.99378	8.767987	0
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Gasoline	2874.055	248250.037	248250	0	11496.22	0	0.052725	0	0.011604	0.06433	0.000122	0	2.36E-06	0.000125	0.000698	0.009719	0.010542	0.000133	0	2.57E-06	0.000136	0.002793	0.027768	0.030696	426.725	0	1.105141
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Diesel	4185.354	431775.5405	431775.5	0	16741.41	0	3.639477	0	0	3.639477	0.005975	0	0	0.005975	0.003696	0.018233	0.027905	0.006246	0	0	0.006246	0.014785	0.052095	0.073126	719.6003	0	0
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Electricity	49.81123	2525.64205	0	2525.642	199.2449	5189.819	0	0	0	0	0	0	0	0	9.4E-06	4.11E-05	5.05E-05	0	0	0	0	3.76E-05	0.000117	0.000155	0	0	0
Statewide Totals	2016	UBUS	Aggregate	Aggregate	Natural Ga	7295.496	794561.1602	794561.2	0	29181.98	0	3.782948	0	0	3.782948	0.004136	0	0	0.004136	0.006995	0.033612	0.044743	0.004323	0	0	0.004323	0.027979	0.096033	0.128335	1829.907	0	0
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Gasoline	638.8995	21130.71482	21130.71	0	12783.1	0	0.28569	0	0.008529	0.294219	0.000241	0	0.000111	0.000351	0.000116	0.00088	0.001348	0.000255	0	0.000117	0.000372	0.000466	0.002513	0.003351	61.72559	0	1.553799
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Diesel	274958.2	40169431.95	40169432	0	4302856	0	258.4256	24.61049	6.360186	289.3963	5.212156	0.089312	0	5.301468	0.392694	1.321832	7.015994	5.447826	0.093351	0	5.541177	1.570777	3.776663	10.88862	73447.47	4153.069	0
Statewide Totals	2017	HHDT	Aggregate	Aggregate	Natural Ga	9660.106	752825.8603	752825.9	0	71365.01	0	1.949028	0.136254	0	2.085282	0.003242	0.000141	0	0.003383	0.007469	0.043168	0.05402	0.003526	0.000153	0	0.003679	0.029875	0.123336	0.15689	1215.582	97.7253	0
Statewide Totals	2017	LDA	Aggregate	Aggregate	Gasoline	14039797	522168808.9	5.22E+08	0	65699640	0	59.59438	0	27.13025	86.72463	0.876627	0	0.173142	1.049769	1.151186	1.55117	3.752126	0.952937	0	0.188057	1.140994	4.604744	4.431915	10.17765	181211.4	0	5792.579
Statewide Totals	2017	LDA	Aggregate	Aggregate	Diesel	69213.45	2239072.433	2239072	0	305036.4	0	1.053823	0	0	1.053823	0.079434	0	0	0.079434	0.004936	0.006576	0.090946	0.083026	0	0	0.083026	0.019745	0.018789	0.121559	632.0894	0	0
Statewide Totals	2017	LDA	Aggregate	Aggregate	Electricity	159245.5	5584437.255	0	5584437	809104.5	2156054	0	0	0	0	0	0	0	0	0.012312	0.009392	0.021703	0	0	0	0	0.049246	0.026834	0.07608	0	0	0
Statewide Totals	2017	LDA	Aggregate	Aggregate	Plug-in Hyb	133639	6306044.146	3417065	2888979	552597.1	872557.7	0.025097	0	0.068971	0.094068	0.005838	0	0.001388	0.007226	0.013902	0.009463	0.030592	0.00635	0	0.001509	0.007859	0.05561	0.027037	0.090506	1087.535	0	42.115
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Gasoline	1521399	50202272.56	50202273	0	6771081	0	16.64759	0	4.410398	21.05799	0.172395	0	0.03276	0.205156	0.110677	0.180495	0.496328	0.187172	0	0.035547	0.222719	0.442709	0.515701	1.181129	20448.87	0	752.31
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Diesel	2534.799	49275.68944	49275.69	0	8985.517	0	0.074612	0	0	0.074612	0.009203	0	0	0.009203	0.000109	0.000199	0.009511	0.009619	0	0	0.009619	0.000435	0.000569	0.010623	24.95794	0	0
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Electricity	2171.332	60500.66249	0	60500.66	10204.98	23358.25	0	0	0	0	0	0	0	0	0.000133	0.000103	0.000236	0	0	0	0	0.000534	0.000293	0.000826	0	0	0
Statewide Totals	2017	LDT1	Aggregate	Aggregate	Plug-in Hyb	19.15487	948.4148877	513.9189	434.4959	79.20539	131.2307	3.8E-06	0	9.93E-06	1.37E-05	1.13E-06	0	2.64E-07	1.39E-06	2.09E-06	1.42E-06	4.9E-06	1.23E-06	0	2.87E-07	1.51E-06	8.36E-06	4.06E-06	1.39E-05	0.163712	0	0.006866
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Gasoline	5407712	195153404.9	1.95E+08	0	25120590	0	48.11812	0	18.4313	66.54942	0.361808	0	0.068214	0.430023	0.43024	0.686709	1.546972	0.393112	0	0.074095	0.467206	1.72096	1.962027	4.150193	87978.18	0	2918.947
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Diesel	16702.82	704904.4049	704904.4	0	81500.26	0	0.091429	0	0	0.091429	0.010944	0	0	0.010944	0.001554	0.002283	0.014781	0.011439	0	0	0.011439	0.006216	0.006523	0.024178	270.0594	0	0
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Electricity	694.1115	18851.30059	0	18851.3	3274.306	7278.158	0	0	0	0	0	0	0	0	4.16E-05	3.19E-05	7.35E-05	0	0	0	0	0.000166	9.12E-05	0.000257	0	0	0
Statewide Totals	2017	LDT2	Aggregate	Aggregate	Plug-in Hyb	737.1348	34853.87435	18886.32	15967.56	3048.052	4822.678	0.000139	0	0.000381	0.00052	3.72E-05	0	9.08E-06	4.63E-05	7.68E-05	5.22E-05	0.000175	4.05E-05	0	9.88E-06	5.03E-05	0.000307	0.000149	0.000507	6.006623	0	0.290089
Statewide Totals	2017	LHDT1	Aggregate	Aggregate	Gasoline	548014	19075611.57	19075612	0	8164593	0	8.124934	0.025072	6.414152	14.56416	0.043483	0	0.006264	0.049747	0.042055	0.574044	0.665846	0.047147	0	0.006756	0.053903	0.168218	1.640126	1.862248	18241.71	75.20928	227.8074
Statewide Totals	2017	LHDT1	Aggregate	Aggregate	Diesel	395440.7	14437838.27	14437838	0	4974147	0	55.03115	1.10909	0	56.14024	0.899548	0.012086	0	0.911634	0.047745	0.434479	1.393859	0.940222	0.012633	0	0.952855	0.19098	1.241369	2.385204	9528.495	61.679	0
Statewide Totals	2017	LHDT2	Aggregate	Aggregate	Gasoline	77394.04	2649365.363	2649365	0	1153056	0	1.019034	0.003567	0.913317	1.935918	0.004635	0	0.000575	0.00521	0.005841	0.093016	0.104066	0.005039	0	0.000625	0.005664	0.023363	0.265759	0.294786	2835.688	12.27408	34.00044
Statewide Totals	2017	LHDT2	Aggregate	Aggregate	Diesel	127697	4850526.558	4850527	0	1606268	0	14.45747	0.35775	0	14.81522	0.256503	0.003802	0	0.260305	0.01604	0.170295	0.446641	0.268101	0.003974	0	0.272075	0.064161	0.486558	0.822795	3931.007	31.83162	0
Statewide Totals	2017	MCY	Aggregate	Aggregate	Gasoline	712947.7	4175209.429	4175209	0	1425895	0	3.383731	0	0.309481	3.693211	0.008877	0	0.007143	0.016019	0.004602	0.01933	0.039952	0.009415	0	0.00753	0.016945	0.01841	0.055229	0.090583	915.0603	0	93.25217
Statewide Totals	2017	MDV	Aggregate	Aggregate	Gasoline	4251623	146486815.6	1.46E+08	0	19543386	0	46.67378	0	17.76958	64.44336	0.278428	0	0.059422	0.337851	0.322948	0.521712	1.182511	0.302212	0	0.064476	0.366688	1.291793	1.490605	3.149087	79003	0	2706.618
Statewide Totals	2017	MDV	Aggregate	Aggregate	Diesel	49970.93	2059917.472	2059917	0	243613.6	0	0.295045	0	0	0.295045	0.021299	0	0	0.021299	0.004541	0.006676	0.032516	0.022262	0	0	0.022262	0.018165	0.019073	0.0595	1024.366	0	0
Statewide Totals	2017	MDV	Aggregate	Aggregate	Electricity	399.9268	8129.677357	0	8129.677	1734.656	3138.726	0	0	0	0	0	0	0	0	1.79E-05	1.39E-05	3.18E-05	0	0	0	0	7.17E-05	3.97E-05	0.000111	0	0	0
Statewide Totals	2017	MDV	Aggregate	Aggregate	Plug-in Hyb	4703.243	225486.9048	122184.9	103302	19447.91	31200.28	0.000893	0	0.00243	0.003323	0.000255	0	6.22E-05	0.000317	0.000497	0.000336	0.00115	0.000277	0	6.76E-05	0.000345	0.001988	0.00096	0.003293	38.71745	0	2.224078
Statewide Totals	2017	MH	Aggregate	Aggregate	Gasoline	119897.9	987531.3013	987531.3	0	11994.59	0	0.930791	0	0.004921	0.935712	0.002848	0	1.26E-05	0.002861	0.003266	0.016811	0.022938	0.003076	0	1.35E-05	0.00309	0.013063	0.048032	0.064185	2037.756	0	0.479432
Statewide Totals	2017	MH	Aggregate	Aggregate	Diesel	34637.83	331543.0231	331543	0	3463.783	0	1.958466	0	0	1.958466	0.055935	0	0	0.055935	0.001462	0.005624	0.063021	0.058464	0	0	0.058464	0.005847	0.016068	0.08038	382.1523	0	0
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Gasoline	56515.3	2690514.453	2690514	0	1130758	0	3.633339	0.005425	0.618673	4.257437	0.005306	0	0.001807	0.007112	0.008897	0.045653	0.061663	0.00573	0	0.001929	0.00766	0.035589	0.130437	0.173686	5378.137	34.93189	69.99551
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Diesel	275936.3	11695011.31	11695011	0	3294422	0	69.12591	9.571837	2.18408	80.88182	1.980754	0.071013	0	2.051767	0.038675	0.199993	2.290435	2.070315	0.074224	0	2.144539	0.154699	0.571409	2.870647	14833.96	754.2857	0
Statewide Totals	2017	MHDT	Aggregate	Aggregate	Natural Ga	1245.79	66148.50148	66148.5	0	12267.49	0	0.01353	0.008944	0	0.022474	4.49E-05	1.71E-05	0	6.2E-05	0.000219	0.001129	0.00141	4.88E-05	1.86E-05	0	6.74E-05	0.000875	0.003226	0.004169	66.47121	6.715672	0
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Gasoline	17228.35	853062.9651	853063	0	344704.9	0	0.87011	0.001228	0.161354	1.032692	0.000792	0	0.000165	0.000956	0.002821	0.014586	0.018364	0.000859	0	0.000177	0.001035	0.011284	0.041676	0.053995	1713.218	7.422376	13.18333
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Diesel	11023.14	739810.9208	739810.9	0	131433.3	0	5.874453	0.369376	0.090731	6.33456	0.250725	0.003823	0	0.254548	0.002447	0.017662	0.274656	0.262062	0.003996	0	0.266057	0.009786	0.050462	0.326305	1143.857	35.98161	0
Statewide Totals	2017	OBUS	Aggregate	Aggregate	Natural Ga	409.8004	27512.40731	27512.41	0	3647.223	0	0.006563	0.000714	0	0.007278	1.56E-05	1.28E-06	0	1.68E-05	9.1E-05	0.000472	0.00058	1.69E-05	1.4E-06	0	1.83E-05	0.000364	0.001349	0.001731	28.60386	0.538664	0
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Gasoline	5541.309	272388.1589	272388.2	0	22165.24	0	0.417045	0.005517	0.014967	0.437528	0.001188	0	4.7E-05	0.001235	0.000601	0.004801	0.006636	0.001274	0	5.03E-05	0.001324	0.002402	0.013717	0.017444	270.8297	16.42339	1.656975
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Diesel	19823.56	471124.7313	471124.7	0	287045.1	0	4.148071	0.669485	0.072802	4.890358	0.025323	0.001102	0	0.026426	0.001558	0.008263	0.036247	0.026468	0.001152	0	0.027621	0.006232	0.02361	0.057462	629.1494	50.49525	0
Statewide Totals	2017	SBUS	Aggregate	Aggregate	Natural Ga	2797.441	74874.85085	74874.85	0	40506.95	0	0.083223	0.016417	0	0.09964	0.000328	3.11E-05	0	0.000359	0.000248	0.001342	0.001948	0.000356	3.38E-05	0	0.00039	0.00099	0.003834	0.005215	139.8296	12.49676	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Gasoline	2798.583	241668.398	241668.4	0	11194.33	0	0.046994	0	0.010935	0.057929	0.000156	0	3.05E-06	0.000159	0.000674	0.009426	0.01026	0.000169	0	3.32E-06	0.000173	0.002698	0.026933	0.029803	403.3199	0	1.055017
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Diesel	3981.042	400479.8869	400479.9	0	15924.17	0	2.716466	0	0	2.716466	0.005157	0	0	0.005157	0.003462	0.016926	0.025545	0.005391	0	0	0.005391	0.013847	0.048359	0.067597	649.2528	0	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Electricity	95.99696	5140.267284	0	5140.267	383.9878	10091.08	0	0	0	0	0	0	0	0	3.48E-05	9.62E-05	0.000131	0	0	0	0	0.000139	0.000275	0.000414	0	0	0
Statewide Totals	2017	UBUS	Aggregate	Aggregate	Natural Ga	7228.345	806282.3452	806282.3	0	28913.38	0	2.806705	0	0	2.806705	0.002714	0	0	0.002714	0.007129	0.034099	0.043942	0.002836	0	0	0.002836	0.028516	0.097427	0.128779	1911.333	0	0
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Gasoline	572.9556	19463.62777	19463.63	0	11463.7	0	0.249413	0	0.008422	0.257835	0.000194	0	8.45E-05	0.000279	0.000107	0.000801	0.001187	0.000206	0	8.92E-05	0.000296	0.000429	0.002289	0.003014	55.71824	0	1.252476
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Diesel	283895.6	39174308.03	39174308	0	4484968	0	220.3201	25.63125	7.692249	253.6436	4.375748	0.076772	0	4.45252	0.382955	1.265211	6.100686	4.5736	0.080243	0	4.653843	1.531821	3.614889	9.800553	71729.91	4463.789	0
Statewide Totals	2018	HHDT	Aggregate	Aggregate	Natural Ga	10970.99	812391.0513	812391.1	0	80762.12	0	1.812116	0.152639	0	1.964755	0.003135	0.000175	0	0.00331	0.00806	0.046185	0.057554	0.00341	0.00019	0	0.0036	0.032238	0.131956	0.167794	1280.902	110.8093	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Gasoline	13941722	518760540.9	5.19E+08	0	65176046	0	51.14149	0	25.17749	76.31898	0.869924	0	0.170124	1.040048	1.143672	1.539758	3.723478	0.945864	0	0.184882	1.130746	4.574688	4.399309	10.10474	177659.3	0	5629.907
Statewide Totals	2018	LDA	Aggregate	Aggregate	Diesel	61467.66	1934626.84	1934627	0	268007	0	0.917137	0	0	0.917137	0.06762	0	0	0.06762	0.004265	0.005685	0.07757	0.070677	0	0	0.070677	0.017061	0.016243	0.10398	543.2866	0	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Electricity	215329	7904341.645	0	7904342	1093103	3051728	0	0	0	0	0	0	0	0	0.017426	0.013295	0.030721	0	0	0	0	0.069704	0.037985	0.107689	0	0	0
Statewide Totals	2018	LDA	Aggregate	Aggregate	Plug-in Hyb	170226.3	7961284.548	4313993	3647292	703885.9	1101591	0.031633	0	0.087863	0.119496	0.007989	0	0.001932	0.009921	0.017552	0.011947	0.039421	0.008689	0	0.002102	0.01079	0.070207	0.034136	0.115133	1369.319	0	53.38507
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Gasoline	1489629	49263752.23	49263752	0	6627586	0	14.60076	0	4.083729	18.68448	0.157564	0	0.029921	0.187484	0.108608	0.177002	0.473094	0.171211	0	0.032502	0.203712	0.434432	0.505719	1.143864	19820.28	0	719.458
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Diesel	2393.401	45628.07032	45628.07	0	8378.822	0	0.068746	0	0	0.068746	0.008473	0	0	0.008473	0.000101	0.000186	0.00876	0.008856	0	0	0.008856	0.000402	0.00053	0.009789	23.13822	0	0
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Electricity	2045.201	57179.57203	0	57179.57	9482.319	22076.03	0	0	0	0	0	0	0	0	0.000126	9.71E-05	0.000223	0	0	0	0	0.000504	0.000277	0.000782	0	0	0
Statewide Totals	2018	LDT1	Aggregate	Aggregate	Plug-in Hyb	19.73876	945.9266195	512.5706	433.356	81.61978	130.8864	3.78E-06	0	1.02E-05	1.4E-05	1.12E-06	0	2.72E-07	1.39E-06	2.09E-06	1.42E-06	4.89E-06	1.22E-06	0	2.96E-07	1.51E-06	8.34E-06	4.05E-06	1.39E-05	0.16259	0	0.007067
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Gasoline	5563437	202680869.1	2.03E+08	0	25889043	0	42.29674	0	17.14366	59.4404	0.372668	0	0.069179	0.441847	0.446835	0.710212	1.598894	0.405083	0	0.075182	0.480265	1.787341	2.029177	4.296782	89359.38	0	2922.122
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Diesel	18603.81	785585.1202	785585.1	0	90804.35	0	0.086669	0	0	0.086669	0.010375	0	0	0.010375	0.001732	0.002543	0.01465	0.010844	0	0	0.010844	0.006928	0.007265	0.025037	296.7089	0	0
Statewide Totals	2018	LDT2	Aggregate	Aggregate	Electricity	575.8118	15369.65083	0	15369.65	2717.022	5933.954	0	0	0	0	0	0	0	0	3.39E-05	2.61E-05	5.99E-05	0	0	0	0	0.000136	7.45E-05	0.00021	0	0	0

Statewide Totals	2018	LDT2	Aggregate	Aggregate	Plug-in Hyb	2049.865	99024.14738	53658.36	45365.79	8476.193	13701.82	0.000395	0	0.001059	0.001454	0.000117	0	2.8E-05	0.000145	0.000218	0.000148	0.000512	0.000127	0	3.05E-05	0.000158	0.000873	0.000424	0.001455	17.05576	0	0.794506
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Gasoline	552302.4	19542010.86	19542011	0	8228482	0	7.28893	0.025073	6.469034	13.78304	0.04005	0	0.005238	0.045288	0.043083	0.58808	0.67645	0.04348	0	0.005667	0.049147	0.172331	1.680228	1.901706	18283.84	75.32219	233.1737
Statewide Totals	2018	LHDT1	Aggregate	Aggregate	Diesel	397993.4	14475025.3	14475025	0	5006256	0	50.99393	1.097155	0	52.09109	0.846789	0.012074	0	0.858863	0.047868	0.435598	1.34233	0.885077	0.01262	0	0.897697	0.191472	1.244567	2.333736	9555.364	61.63811	0
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Gasoline	78487.76	2702307.125	2702307	0	1169351	0	0.93452	0.003592	0.922516	1.860628	0.004466	0	0.000533	0.004999	0.005958	0.094874	0.105831	0.004856	0	0.000579	0.005435	0.02383	0.271069	0.300335	2836.043	12.38314	34.25525
Statewide Totals	2018	LHDT2	Aggregate	Aggregate	Diesel	131187	4974951.363	4974951	0	1650167	0	13.48276	0.359495	0	13.84225	0.244155	0.003887	0	0.248042	0.016452	0.174664	0.439157	0.255194	0.004063	0	0.259257	0.065807	0.499039	0.824103	4012.489	32.44197	0
Statewide Totals	2018	MCY	Aggregate	Aggregate	Gasoline	695309.6	4057325.912	4057326	0	1390619	0	3.165533	0	0.287096	3.45263	0.008518	0	0.006472	0.01499	0.004472	0.018784	0.038247	0.00905	0	0.006832	0.015881	0.01789	0.053669	0.08744	882.8494	0	88.18065
Statewide Totals	2018	MDV	Aggregate	Aggregate	Gasoline	4326880	149661300.7	1.5E+08	0	19878720	0	42.26802	0	16.74469	59.01271	0.281939	0	0.058996	0.340935	0.329947	0.531172	1.202054	0.306178	0	0.064049	0.370226	1.319788	1.517634	3.207648	79369	0	2697.664
Statewide Totals	2018	MDV	Aggregate	Aggregate	Diesel	53592.44	2201750.153	2201750	0	260697.6	0	0.274336	0	0	0.274336	0.020619	0	0	0.020619	0.004854	0.007169	0.032642	0.021551	0	0	0.021551	0.019416	0.020482	0.061449	1080.535	0	0
Statewide Totals	2018	MDV	Aggregate	Aggregate	Electricity	389.4634	7659.822652	0	7659.823	1669.966	2957.324	0	0	0	0	0	0	0	0	1.69E-05	1.31E-05	3E-05	0	0	0	0	6.75E-05	3.75E-05	0.000105	0	0	0
Statewide Totals	2018	MDV	Aggregate	Aggregate	Plug-in Hyb	10002.96	477765.9435	258887.7	218878.2	41362.22	66107.75	0.00189	0	0.005168	0.007058	0.000563	0	0.000138	0.000701	0.001053	0.000712	0.002466	0.000612	0	0.00015	0.000762	0.004213	0.002034	0.007009	81.82915	0	4.703959
Statewide Totals	2018	MH	Aggregate	Aggregate	Gasoline	117354.4	989500.075	989500.1	0	11740.13	0	0.822385	0	0.004877	0.827262	0.002472	0	9.94E-06	0.002482	0.003272	0.01684	0.022593	0.002676	0	1.07E-05	0.002686	0.013089	0.048113	0.063888	2036.034	0	0.448006
Statewide Totals	2018	MH	Aggregate	Aggregate	Diesel	36044.03	347874.0342	347874	0	3604.403	0	1.921505	0	0	1.921505	0.053262	0	0	0.053262	0.001534	0.005901	0.060696	0.05567	0	0	0.05567	0.006135	0.016859	0.078665	401.4293	0	0
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Gasoline	55429.3	2648242.906	2648243	0	1109029	0	3.235761	0.005336	0.592464	3.83356	0.004796	0	0.001514	0.006309	0.008758	0.044943	0.06001	0.005187	0	0.001621	0.006808	0.03503	0.12841	0.170249	5253.314	34.10176	66.00297
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Diesel	276404.7	11405353.87	11405354	0	3292792	0	61.14776	9.103494	2.52979	72.78104	1.713554	0.062348	0	1.775902	0.037717	0.194981	2.0086	1.791033	0.065168	0	1.856201	0.150867	0.557089	2.564157	14441.97	750.8424	0
Statewide Totals	2018	MHDT	Aggregate	Aggregate	Natural Ga	1601.917	86866.14156	86866.14	0	15097.63	0	0.01484	0.011643	0	0.026483	7.8E-05	2.53E-05	0	0.000103	0.000287	0.001489	0.001879	8.49E-05	2.75E-05	0	0.000112	0.001149	0.004253	0.005515	88.84856	9.03323	0
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Gasoline	16298.82	791703.8255	791703.8	0	326106.8	0	0.722618	0.001163	0.150779	0.874559	0.000723	0	0.000146	0.000869	0.002618	0.013534	0.017022	0.000785	0	0.000157	0.000942	0.010472	0.03867	0.050084	1578.978	6.991935	12.21547
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Diesel	10796.97	719269.3424	719269.3	0	130011.7	0	5.188707	0.333277	0.110384	5.632368	0.226238	0.00317	0	0.229408	0.002379	0.016916	0.248703	0.236467	0.003314	0	0.239781	0.009514	0.048332	0.297627	1119.507	35.83357	0
Statewide Totals	2018	OBUS	Aggregate	Aggregate	Natural Ga	473.0343	30521.82211	30521.82	0	4210.005	0	0.006715	0.000822	0	0.007537	2.07E-05	1.56E-06	0	2.22E-05	0.000101	0.000524	0.000648	2.25E-05	1.69E-06	0	2.42E-05	0.000404	0.001498	0.001926	31.83305	0.625076	0
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Gasoline	7125.176	356985.3603	356985.4	0	28500.71	0	0.534079	0.007099	0.019117	0.560294	0.001633	0	6.6E-05	0.001699	0.000787	0.006291	0.008777	0.001749	0	7.05E-05	0.001819	0.003148	0.017974	0.022942	352.5178	20.96234	2.077138
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Diesel	19788.59	444889.0815	444889.1	0	286538.8	0	3.440775	0.624637	0.094198	4.15961	0.020521	0.000912	0	0.021433	0.001471	0.0078	0.030704	0.021449	0.000953	0	0.022402	0.005885	0.022287	0.050574	589.8412	50.2359	0
Statewide Totals	2018	SBUS	Aggregate	Aggregate	Natural Ga	3450.251	88711.26224	88711.26	0	49959.64	0	0.088879	0.020159	0	0.109037	0.000385	4.05E-05	0	0.000425	0.000293	0.001587	0.002305	0.000418	4.41E-05	0	0.000462	0.001173	0.004533	0.006169	161.0279	15.55073	0
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Gasoline	2722.663	236499.7884	236499.8	0	10890.65	0	0.047603	0	0.010642	0.058245	0.000192	0	3.47E-06	0.000195	0.000669	0.009284	0.010148	0.000209	0	3.77E-06	0.000212	0.002675	0.026525	0.029412	408.2405	0	1.028516
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Diesel	4065.703	404503.7707	404503.8	0	16262.81	0	2.085822	0	0	2.085822	0.004507	0	0	0.004507	0.003494	0.017118	0.025119	0.004711	0	0	0.004711	0.013975	0.048909	0.067595	633.619	0	0
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Electricity	129.4599	6549.819887	0	6549.82	517.8397	12855.68	0	0	0	0	0	0	0	0	4.94E-05	0.00013	0.00018	0	0	0	0	0.000198	0.000372	0.00057	0	0	0
Statewide Totals	2018	UBUS	Aggregate	Aggregate	Natural Ga	7288.064	827479.9184	827479.9	0	29152.26	0	2.474173	0	0	2.474173	0.002398	0	0	0.002398	0.007287	0.03496	0.044645	0.002507	0	0	0.002507	0.029147	0.099886	0.13154	1962.645	0	0
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Gasoline	548.3253	17123.86217	17123.86	0	10970.89	0	0.253839	0	0.012809	0.266648	0.000158	0	6.55E-05	0.000223	9.44E-05	0.000707	0.001025	0.000168	0	6.95E-05	0.000238	0.000378	0.002021	0.002636	48.98904	0	1.03843
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Diesel	270487.7	39244411.55	39244412	0	4305247	0	189.9676	24.8403	8.411813	223.2197	3.51859	0.063599	0	3.582189	0.383631	1.244806	5.210626	3.677685	0.066475	0	3.744159	1.534525	3.55659	8.835274	71902.01	4446.354	0
Statewide Totals	2019	HHDT	Aggregate	Aggregate	Natural Ga	11888.24	882259.9965	882260	0	85885.47	0	1.724166	0.157223	0	1.881389	0.003065	0.000193	0	0.003258	0.008753	0.049943	0.061953	0.003333	0.00021	0	0.003543	0.035011	0.142694	0.181247	1364.029	118.8441	0
Statewide Totals	2019	LDA	Aggregate	Aggregate	Gasoline	13805991	513542901.4	5.14E+08	0	64465682	0	43.89692	0	23.41578	67.31271	0.859137	0	0.164746	1.023883	1.132169	1.522679	3.67873	0.93434	0	0.179148	1.113488	4.528676	4.350511	9.992675	174107.7	0	5470.097
Statewide Totals	2019	LDA	Aggregate	Aggregate	Diesel	61677.77	1970022.528	1970023	0	270318.5	0	0.775647	0	0	0.775647	0.057226	0	0	0.057226	0.004343	0.005784	0.067353	0.059813	0	0	0.059813	0.017373	0.016527	0.093712	545.0605	0	0
Statewide Totals	2019	LDA	Aggregate	Aggregate	Electricity	298490.2	10042318.67	0	10042319	1515443	3877164	0	0	0	0	0	0	0	0	0.02214	0.016891	0.039031	0	0	0	0	0.088558	0.048261	0.136819	0	0	0
Statewide Totals	2019	LDA	Aggregate	Aggregate	Plug-in Hyb	199593.4	9159191.962	4942175	4217016	825318.8	1273665	0.036193	0	0.103034	0.139227	0.00945	0	0.002355	0.011805	0.020193	0.01375	0.045748	0.010278	0	0.002561	0.012839	0.08077	0.039286	0.132895	1568.184	0	62.4305
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Gasoline	1540249	49062094.83	49062095	0	6750703	0	15.07621	0	4.343943	19.42015	0.15883	0	0.03075	0.18958	0.108163	0.178059	0.475802	0.172695	0	0.033431	0.206126	0.432654	0.50874	1.14752	19744.23	0	737.0302
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Diesel	1159.942	17322.60451	17322.6	0	3632.449	0	0.030691	0	0	0.030691	0.004726	0	0	0.004726	3.82E-05	7.15E-05	0.004836	0.00494	0	0	0.00494	0.000153	0.000204	0.005297	8.179199	0	0
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Electricity	1927.156	48925.30975	0	48925.31	8931.632	18889.21	0	0	0	0	0	0	0	0	0.000108	8.31E-05	0.000191	0	0	0	0	0.000431	0.000237	0.000669	0	0	0
Statewide Totals	2019	LDT1	Aggregate	Aggregate	Plug-in Hyb	13.04135	603.2056686	326.8599	276.3457	53.92598	83.46465	2.42E-06	0	6.77E-06	9.19E-06	7.13E-07	0	1.8E-07	8.93E-07	1.33E-06	9.05E-07	3.13E-06	7.76E-07	0	1.96E-07	9.71E-07	5.32E-06	2.58E-06	8.88E-06	0.103682	0	0.004673
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Gasoline	5806444	215050597.7	2.15E+08	0	27151190	0	34.26621	0	15.48995	49.75616	0.381207	0	0.068959	0.450165	0.474106	0.749906	1.674177	0.414523	0	0.07498	0.489502	1.896423	2.142588	4.528514	92643.35	0	2958.361
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Diesel	16976.18	695892.3618	695892.4	0	82400.53	0	0.070996	0	0	0.070996	0.007219	0	0	0.007219	0.001534	0.002325	0.011078	0.007545	0	0	0.007545	0.006137	0.006642	0.020324	263.3738	0	0
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Electricity	791.1012	25990.59856	0	25990.6	3983.135	10034.52	0	0	0	0	0	0	0	0	5.73E-05	4.37E-05	0.000101	0	0	0	0	0.000229	0.000125	0.000354	0	0	0
Statewide Totals	2019	LDT2	Aggregate	Aggregate	Plug-in Hyb	7171.642	350497.5215	186203.4	164294.1	29654.74	49621.71	0.00137	0	0.003705	0.005075	0.000405	0	9.81E-05	0.000503	0.000773	0.000527	0.001802	0.00044	0	0.000107	0.000547	0.003091	0.001505	0.005143	59.26554	0	2.696712
Statewide Totals	2019	LHDT1	Aggregate	Aggregate	Gasoline	575267.6	19677545.68	19677546	0	8570631	0	7.205443	0.025982	6.740196	13.97162	0.038301	0	0.004899	0.0432	0.043382	0.592158	0.67874	0.041612	0	0.005311	0.046923	0.173526	1.691881	1.91233	18474.45	78.39304	242.034
Statewide Totals	2019	LHDT1	Aggregate	Aggregate	Diesel	397713.8	14323724.75	14323725	0	5002740	0	47.67494	1.073311	0	48.74825	0.794913	0.012055	0	0.806968	0.047368	0.431045	1.28538	0.830855	0.0126	0	0.843455	0.18947	1.231558	2.264483	9443.381	61.12097	0
Statewide Totals	2019	LHDT2	Aggregate	Aggregate	Gasoline	81302.73	2839781.994	2839782	0	1211290	0	0.860538	0.00367	0.942338	1.806546	0.004415	0	0.000492	0.004907	0.006261	0.099701	0.110869	0.004801	0	0.000535	0.005337	0.025043	0.284859	0.315239	2917.656	12.76806	35.23953
Statewide Totals	2019	LHDT2	Aggregate	Aggregate	Diesel	138980.6	5312960.113	5312960	0	1748201	0	12.7	0.369138	0	13.06914	0.236576	0.004082	0	0.240658	0.01757	0.186531	0.444759	0.247273	0.004267	0	0.25154	0.070278	0.532945	0.854763	4264.361	34.02834	0
Statewide Totals	2019	MCY	Aggregate	Aggregate	Gasoline	691332.9	4003124.24	4003124	0	1382666	0	3.03007	0	0.273447	3.303517	0.008388	0	0.006073	0.014461	0.004413	0.018533	0.037407	0.008923	0	0.006418	0.015342	0.017651	0.052952	0.085945	868.0198	0	85.61793
Statewide Totals	2019	MDV	Aggregate	Aggregate	Gasoline	4248475	148031807.6	1.48E+08	0	19528150	0	36.99604	0	15.14733	52.14337	0.27771	0	0.057225	0.334935	0.326354	0.522942	1.184232	0.301679	0	0.062147	0.363826	1.305418	1.49412	3.163364	77114.51	0	2595.31
Statewide Totals	2019	MDV	Aggregate	Aggregate	Diesel	64326.54	2601267.4	2601267	0	310926.7	0	0.413339	0	0	0.413339	0.026086	0	0	0.026086	0.005735	0.008575	0.040396	0.027266	0	0	0.027266	0.022939	0.024499	0.074705	1274.317	0	0
Statewide Totals	2019	MDV	Aggregate	Aggregate	Electricity	173.7758	3967.14109	0	3967.141	766.8841	1531.644	0	0	0	0	0	0	0	0	8.75E-06	6.76E-06	1.55E-05	0	0	0	0	3.5E-05	1.93E-05	5.43E-05	0	0	0
Statewide Totals	2019	MDV	Aggregate	Aggregate	Plug-in Hyb	11811.49	552852.9777	298597.3	254255.6	48840.5	76792.78	0.002174	0	0.006104	0.008278	0.000648	0	0.000164	0.000812	0.001219	0.000824	0.002854	0.000705	0	0.000178	0.000883	0.004875	0.002353	0.008111	94.2493	0	5.531466
Statewide Totals	2019	MH	Aggregate	Aggregate	Gasoline	113280.7	960857.2345	960857.2	0	11332.6	0	0.72493	0	0.004785	0.729715	0.002185	0	8.31E-06	0.002193	0.003177	0.016345	0.021716	0.002368	0	8.96E-06	0.002377	0.01271	0.0467	0.061787	1977.721	0	0.42201
Statewide Totals	2019	MH	Aggregate	Aggregate	Diesel	35851.86	338280.4186	338280.4	0	3585.186	0	1.833488	0	0	1.833488	0.050515	0	0	0.050515	0.001492	0.005736	0.057742	0.052799	0	0	0.052799	0.005966	0.016389	0.075154	390.1215	0	0
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Gasoline	59029.3	2833588.979	2833589	0	1181058	0	3.014882	0.005701	0.613334	3.633916	0.004644	0	0.001355	0.005999	0.00937	0.048066	0.063435	0.00503	0	0.001456	0.006486	0.037482	0.137331	0.181299	5591.2	36.23857	67.75397
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Diesel	276258.4	11442537.44	11442537	0	3265874	0	53.53498	8.559144	2.941341	65.03546	1.411497	0.053151	0	1.464648	0.03784	0.195537	1.698024	1.475319	0.055554	0	1.530872	0.151359	0.558676	2.240908	14454.36	747.7016	0
Statewide Totals	2019	MHDT	Aggregate	Aggregate	Natural Ga	1765.568	89908.56703	89908.57	0	16375.37	0	0.014557	0.012872	0	0.027429	8.44E-05	2.95E-05	0	0.000114	0.000297	0.001541	0.001952	9.17E-05	3.21E-05	0	0.000124	0.001189	0.004402	0.005715	92.07747	10.16608	0
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Gasoline	15836.48	762289.1291	762289.1	0	316856.3	0	0.628727	0.001131	0.144351	0.774208	0.000697	0	0.000125	0.000822	0.002521	0.013029	0.016372	0.000757	0	0.000135	0.000892	0.010083	0.037225	0.048201	1512.362	6.774849	11.63579
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Diesel	10405.25	717602.7801	717602.8	0	120963.8	0	4.602099	0.269848	0.113007	4.984953	0.194152	0.00241	0	0.196562	0.002373	0.016711	0.215647	0.202931	0.002519	0	0.20545	0.009492	0.047747	0.262689	1120.121	30.68567	0
Statewide Totals	2019	OBUS	Aggregate	Aggregate	Natural Ga	517.7037	34449.68963	34449.69	0	4607.563	0	0.007241	0.000898	0	0.008139	2.46E-05	1.74E-06	0	2.64E-05	0.000114	0.000591	0.000731	2.68E-05	1.89E-06	0	2.87E-05	0.000456	0.001688	0.002172	35.66549	0.684432	0
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Gasoline	6993.405	351270.7201	351270.7	0	27973.62	0	0.508466	0.006983	0.018805	0.534254	0.001347	0	5.25E-05	0.001399	0.000774	0.006191	0.008365	0.00145	0	5.64E-05	0.001506	0.003098	0.017689	0.022293	343.6745	20.49879	1.992712
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Diesel	19655.93	442821.4563	442821.5	0	284617.8	0	3.301434	0.604477	0.099198	4.00511	0.019481	0.000913	0	0.020394	0.001464	0.007762	0.029621	0.020361	0.000955	0	0.021316	0.005858	0.022178	0.049352	586.2098	49.55493	0
Statewide Totals	2019	SBUS	Aggregate	Aggregate	Natural Ga	3581.074	92654.09991	92654.1	0	51853.95	0	0.086756	0.020803	0	0.107559	0.000402	4.49E-05	0	0.000447	0.000306	0.001658	0.002411	0.000438	4.88E-05	0	0.000486	0.001226	0.004736	0.006448	166.8605	16.36098	0
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Gasoline	2718.338	233743.2583	233743.3	0	10873.35	0	0.040426	0	0.01015	0.050576	0.00019	0	3.4E-06	0.000194	0.000629	0.008962	0.009784	0.000207	0	3.69E-06	0.000211	0.002515	0.025604	0.028331	348.629	0	0.936652
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Diesel	3856.541	382199.7338	382199.7	0	15426.16	0	1.347144	0	0	1.347144	0.003551	0	0	0.003551	0.003303	0.016202	0.023057	0.003712	0	0	0.003712	0.013213	0.046291	0.063216	578.1144	0	0
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Electricity	199.805	9703.630511	0	9703.631	799.22	19096.85	0	0	0	0	0	0	0	0	8.16E-05	0.000203	0.000284	0	0	0	0	0.000327	0.000579	0.000906	0	0	0
Statewide Totals	2019	UBUS	Aggregate	Aggregate	Natural Ga	7135.633	842516.6455	842516.6	0	28542.53	0	2.184147	0	0	2.184147	0.001978	0	0	0.001978	0.007584	0.035658	0.045219	0.002067	0	0	0.002067	0.030336	0.101879	0.134282	2043.305	0	0
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Gasoline	381.1448	12286.79893	12286.8	0	7625.945	0	0.162624	0	0.007928	0.170552	7.16E-05	0	2.79E-05	9.95E-05	6.77E-05	0.000496	0.000663	7.72E-05	0	2.99E-05	0.000107	0.000271	0.001417	0.001795	33.90564	0	0.559777
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Diesel	274445.5	39811871.29	39811871	0	4414648	0	145.6651	25.28201	10.01214	180.9593	2.351608	0.037735	0	2.389343	0.389181	1.233014	4.011538	2.457937	0.039441	0	2.497378	1.556726	3.522897	7.577001	72626.72	4673.854	0
Statewide Totals	2020	HHDT	Aggregate	Aggregate	Natural Ga	13840.94	997993.0041	997993	0	100528.6	0	1.673344	0.173953	0	1.847297	0.003058	0.00024	0	0.003298	0.009901	0.056343	0.069542	0.003326	0.000261	0	0.003587	0.039604	0.160981	0.204171	1514.496	138.8544	0
Statewide Totals	2020	LDA	Aggregate	Aggregate	Gasoline	13489082	443837354.9	4.44E+08	0	62803005	0	33.71723	0	21.71379	55.43102	0.731464	0	0.156691	0.888155	0.978495	1.318725	3.185375	0.795502	0	0.170395	0.965898	3.913978	3.767786	8.647662	149072	0	5252.064
Statewide Totals	2020	LDA	Aggregate	Aggregate	Diesel	58547.88	1622484.95	1622485	0	254224	0	0.59462	0	0	0.59462	0.045132	0	0	0.045132	0.003577	0.004788	0.053497	0.047173	0	0	0.047173	0.014308	0.01368	0.075161	446.5133	0	0
Statewide Totals	2020	LDA	Aggregate	Aggregate	Electricity	354856.5	12482199.59	0	12482200	1791978	4819159	0	0	0	0	0	0	0	0	0.027519	0.021012	0.04853	0	0	0	0	0.110074	0.060034	0.170108	0	0	0
Statewide Totals	2020	LDA	Aggregate	Aggregate	Plug-in Hyb	222044.5	8985954.433	4822037	4163917	918154.2	1257627	0.035316	0	0.11466	0.149977	0.009028	0	0.002577	0.011605	0.019811	0.013508	0.044924	0.009819	0	0.002803	0.012622	0.079243	0.038594	0.130459	1530.856	0	69.14478
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Gasoline	1481705	41864928.04	41864928	0	6473872	0	11.86971	0	3.986581	15.85629	0.129044	0	0.028102	0.157146	0.092296	0.152677	0.40212	0.140326	0	0.030557	0.170883	0.369186	0.43622	0.976289	16717.03	0	695.5651
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Diesel	1034.588	13459.38506	13459.39	0	3182.057	0	0.023782	0	0	0.023782	0.003669	0	0	0.003669	2.97E-05	5.56E-05	0.003755	0.003835	0	0	0.003835	0.000119	0.000159	0.004113	6.352326	0	0
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Electricity	1861.209	49055.81776	0	49055.82	8556.084	18939.59	0	0	0	0	0	0	0	0	0.000108	8.34E-05	0.000192	0	0	0	0	0.000433	0.000238	0.000671	0	0	0
Statewide Totals	2020	LDT1	Aggregate	Aggregate	Plug-in Hyb	76.05391	3334.542792	1739.634	1594.908	314.4829	481.7099	1.28E-05	0	3.93E-05	5.21E-05	2.87E-06	0	7.95E-07	3.67E-06	7.35E-06	5.02E-06	1.6E-05	3.12E-06	0	8.65E-07	3.99E-06	2.94E-05	1.44E-05	4.77E-05	0.554215	0	0.026397
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Gasoline	5815850	191758272.6	1.92E+08	0	27160595	0	26.83232	0	14.24525	41.07757	0.333772	0	0.067516	0.401288	0.422755	0.670805	1.494848	0.362993	0	0.073426	0.436419	1.69102	1.916586	4.044024	81336	0	2900.651
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Diesel	17642.69	636167.7575	636167.8	0	85291.53	0	0.0579	0	0	0.0579	0.00577	0	0	0.00577	0.001403	0.00215	0.009322	0.006031	0	0	0.006031	0.00561	0.006142	0.017783	238.5517	0	0

Statewide Totals	2020	LDT2	Aggregate	Aggregate	Electricity	1418.488	42582.70558	0	42582.71	7205.089	16440.44	0	0	0	0	0	0	0	0	9.39E-05	7.16E-05	0.000165	0	0	0	0	0.000376	0.000205	0.00058	0	0	0
Statewide Totals	2020	LDT2	Aggregate	Aggregate	Plug-in Hyb	11538.88	496463.6927	261279.7	235184	47713.25	71032.56	0.001921	0	0.005961	0.007882	0.00051	0	0.000142	0.000652	0.001095	0.000748	0.002494	0.000554	0	0.000155	0.000709	0.004378	0.002136	0.007223	83.20063	0	4.316013
Statewide Totals	2020	LHDT1	Aggregate	Aggregate	Gasoline	561742	17084289.35	17084289	0	8369119	0	5.74868	0.025083	6.512483	12.28625	0.03128	0	0.004218	0.035497	0.037664	0.514119	0.587281	0.03401	0	0.004583	0.038593	0.150658	1.468912	1.658163	15790.95	76.31892	237.5813
Statewide Totals	2020	LHDT1	Aggregate	Aggregate	Diesel	393958	12430567.32	12430567	0	4955496	0	38.91484	1.043409	0	39.95824	0.666062	0.011843	0	0.677905	0.041107	0.374074	1.093086	0.696178	0.012378	0	0.708556	0.164428	1.068784	1.941768	8163.257	60.16969	0
Statewide Totals	2020	LHDT2	Aggregate	Aggregate	Gasoline	80150.95	2466937.474	2466937	0	1194130	0	0.686263	0.003571	0.920304	1.610137	0.003674	0	0.000448	0.004122	0.005439	0.086611	0.096172	0.003996	0	0.000487	0.004483	0.021755	0.247459	0.273697	2499.534	12.5516	34.57645
Statewide Totals	2020	LHDT2	Aggregate	Aggregate	Diesel	140951.3	4705516.762	4705517	0	1772991	0	10.4988	0.365565	0	10.86436	0.202184	0.004132	0	0.206316	0.015561	0.165204	0.387081	0.211326	0.004319	0	0.215645	0.062243	0.472012	0.7499	3750.498	34.27427	0
Statewide Totals	2020	MCY	Aggregate	Aggregate	Gasoline	687073	3460608.325	3460608	0	1374146	0	2.578174	0	0.262957	2.841131	0.007267	0	0.005799	0.013065	0.003815	0.016022	0.032902	0.007737	0	0.006134	0.013871	0.015259	0.045776	0.074906	749.9925	0	83.68254
Statewide Totals	2020	MDV	Aggregate	Aggregate	Gasoline	4210868	129955428	1.3E+08	0	19309995	0	29.23972	0	13.93921	43.17893	0.238817	0	0.054955	0.293772	0.286503	0.460903	1.041178	0.259494	0	0.059699	0.319193	1.146011	1.316867	2.782071	66895.51	0	2527.323
Statewide Totals	2020	MDV	Aggregate	Aggregate	Diesel	64658.28	2266982.386	2266982	0	310001.8	0	0.336439	0	0	0.336439	0.022086	0	0	0.022086	0.004998	0.007608	0.034692	0.023085	0	0	0.023085	0.019991	0.021736	0.064812	1104.246	0	0
Statewide Totals	2020	MDV	Aggregate	Aggregate	Electricity	1934.124	59770.35346	0	59770.35	9916.462	23076.29	0	0	0	0	0	0	0	0	0.000132	0.0001	0.000232	0	0	0	0	0.000527	0.000287	0.000814	0	0	0
Statewide Totals	2020	MDV	Aggregate	Aggregate	Plug-in Hyb	13353.97	542758.0767	291580.6	251177.5	55218.65	75863.09	0.002125	0	0.006902	0.009027	0.000611	0	0.000179	0.00079	0.001197	0.000811	0.002797	0.000664	0	0.000195	0.000859	0.004786	0.002317	0.007962	92.14946	0	6.22981
Statewide Totals	2020	MH	Aggregate	Aggregate	Gasoline	106435.6	797947.4509	797947.5	0	10647.82	0	0.556167	0	0.004545	0.560713	0.001653	0	6.49E-06	0.001659	0.002639	0.013573	0.017871	0.001795	0	7.02E-06	0.001802	0.010555	0.03878	0.051136	1641.998	0	0.386023
Statewide Totals	2020	MH	Aggregate	Aggregate	Diesel	35765.27	293682.8741	293682.9	0	3576.527	0	1.557882	0	0	1.557882	0.042489	0	0	0.042489	0.001295	0.004979	0.048763	0.04441	0	0	0.04441	0.00518	0.014227	0.063817	338.4207	0	0
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Gasoline	55656.99	2427237.2	2427237	0	1113585	0	2.250945	0.0054	0.567071	2.823415	0.003371	0	0.000813	0.004184	0.008027	0.041163	0.053374	0.003666	0	0.000885	0.004551	0.032107	0.117609	0.154266	4763.293	34.09554	60.2239
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Diesel	271763.6	11585754.25	11585754	0	3221070	0	34.78748	6.607566	4.110847	45.50589	0.731831	0.027412	0	0.759244	0.038313	0.197929	0.995486	0.764921	0.028652	0	0.793573	0.153253	0.565511	1.512338	14362.19	721.9888	0
Statewide Totals	2020	MHDT	Aggregate	Aggregate	Natural Ga	2138.985	106294.3429	106294.3	0	19557.73	0	0.015901	0.015597	0	0.031498	0.000105	3.84E-05	0	0.000144	0.000352	0.00182	0.002315	0.000115	4.17E-05	0	0.000156	0.001406	0.005199	0.006762	108.9831	12.60877	0
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Gasoline	15203.77	633793.8345	633793.8	0	304196.9	0	0.493501	0.001086	0.137711	0.632298	0.000574	0	0.000102	0.000676	0.002096	0.010832	0.013604	0.000624	0	0.000111	0.000735	0.008384	0.030949	0.040068	1253.684	6.497183	10.97871
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Diesel	9759.428	713789.4429	713789.4	0	114409	0	2.555652	0.206573	0.156725	2.91895	0.064073	0.000707	0	0.06478	0.00236	0.016424	0.083565	0.06697	0.000739	0	0.067709	0.009442	0.046927	0.124078	1088.223	29.40335	0
Statewide Totals	2020	OBUS	Aggregate	Aggregate	Natural Ga	661.1598	41136.59804	41136.6	0	5884.322	0	0.008178	0.001141	0	0.009318	3.15E-05	2.36E-06	0	3.39E-05	0.000136	0.000705	0.000875	3.43E-05	2.57E-06	0	3.69E-05	0.000544	0.002014	0.002595	42.70037	0.887933	0
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Gasoline	6177.615	273770.1174	273770.1	0	24710.46	0	0.229522	0.006257	0.018428	0.254206	0.000422	0	1.79E-05	0.00044	0.000604	0.00483	0.005874	0.000459	0	1.94E-05	0.000479	0.002414	0.0138	0.016693	262.3801	18.05365	1.669598
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Diesel	19505.23	439830.0535	439830.1	0	282435.7	0	3.129918	0.592319	0.103885	3.826122	0.017692	0.000818	0	0.01851	0.001454	0.007709	0.027673	0.018492	0.000855	0	0.019347	0.005818	0.022026	0.04719	580.1635	49.16727	0
Statewide Totals	2020	SBUS	Aggregate	Aggregate	Natural Ga	3681.665	95645.50264	95645.5	0	53310.51	0	0.086514	0.021355	0	0.107869	0.000415	4.7E-05	0	0.000462	0.000316	0.001711	0.00249	0.000452	5.11E-05	0	0.000503	0.001265	0.004889	0.006657	171.381	16.86993	0
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Gasoline	2745.123	236020.2255	236020.2	0	10980.49	0	0.034681	0	0.009447	0.044128	0.000223	0	4.27E-06	0.000228	0.000635	0.00905	0.009913	0.000243	0	4.64E-06	0.000248	0.002541	0.025857	0.028645	350.2712	0	0.942471
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Diesel	3621.709	361783.5742	361783.6	0	14486.84	0	0.481379	0	0	0.481379	0.002783	0	0	0.002783	0.00311	0.015337	0.02123	0.002909	0	0	0.002909	0.012438	0.043819	0.059167	517.1798	0	0
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Electricity	194.7265	9517.787961	0	9517.788	778.9062	18709.7	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000283	0	0	0	0	0.000325	0.000575	0.0009	0	0	0
Statewide Totals	2020	UBUS	Aggregate	Aggregate	Natural Ga	7487.993	875471.4235	875471.4	0	29951.97	0	1.0453	0	0	1.0453	0.000759	0	0	0.000759	0.00789	0.037053	0.045701	0.000793	0	0	0.000793	0.03156	0.105866	0.138218	2125.777	0	0
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Gasoline	297.3703	12525.04866	12525.05	0	5949.786	0	0.154345	0	0.00631	0.160655	5.19E-05	0	1.3E-05	6.49E-05	6.9E-05	0.000494	0.000628	5.64E-05	0	1.42E-05	7.06E-05	0.000276	0.001411	0.001758	33.61093	0	0.356275
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Diesel	280809.4	40518102.46	40518102	0	4535953	0	120.9866	25.64796	11.3497	157.9843	1.74722	0.023254	0	1.770474	0.396146	1.234609	3.40123	1.826222	0.024306	0	1.850527	1.584585	3.527455	6.962568	73353.67	4824.118	0
Statewide Totals	2021	HHDT	Aggregate	Aggregate	Natural Ga	15132.1	1070718.216	1070718	0	110511.5	0	1.60695	0.184741	0	1.791691	0.002989	0.000275	0	0.003263	0.010622	0.060554	0.07444	0.00325	0.000299	0	0.003549	0.04249	0.173013	0.219051	1597.632	151.837	0
Statewide Totals	2021	LDA	Aggregate	Aggregate	Gasoline	13261741	508431764.6	5.08E+08	0	61620786	0	34.19421	0	20.2287	54.42292	0.807646	0	0.148052	0.955699	1.120901	1.510795	3.587395	0.878365	0	0.161007	1.039372	4.483604	4.316557	9.839533	168585.6	0	5064.561
Statewide Totals	2021	LDA	Aggregate	Aggregate	Diesel	55460.92	1751915.894	1751916	0	238653.6	0	0.593441	0	0	0.593441	0.046273	0	0	0.046273	0.003862	0.005189	0.055324	0.048365	0	0	0.048365	0.015449	0.014827	0.078641	479.4331	0	0
Statewide Totals	2021	LDA	Aggregate	Aggregate	Electricity	426202.6	18018951.17	0	18018951	2143579	6956802	0	0	0	0	0	0	0	0	0.039725	0.030349	0.070074	0	0	0	0	0.1589	0.08671	0.24561	0	0	0
Statewide Totals	2021	LDA	Aggregate	Aggregate	Plug-in Hyb	250952.6	11746558.21	6243355	5503203	1037689	1662131	0.045756	0	0.129622	0.175378	0.01088	0	0.002732	0.013612	0.025897	0.017683	0.057191	0.011833	0	0.002971	0.014804	0.103587	0.050522	0.168913	1982.213	0	77.39149
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Gasoline	1431765	47246754.96	47246755	0	6242429	0	12.26295	0	3.661028	15.92398	0.137173	0	0.025642	0.162815	0.104161	0.172646	0.439622	0.149169	0	0.027883	0.177052	0.416645	0.493274	1.086972	18664.65	0	658.34
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Diesel	929.8843	13811.26075	13811.26	0	2807.695	0	0.024359	0	0	0.024359	0.003762	0	0	0.003762	3.04E-05	5.71E-05	0.003849	0.003932	0	0	0.003932	0.000122	0.000163	0.004217	6.519728	0	0
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Electricity	1861.372	59159.25246	0	59159.25	8529.175	22840.35	0	0	0	0	0	0	0	0	0.00013	0.000101	0.000231	0	0	0	0	0.000522	0.000287	0.000809	0	0	0
Statewide Totals	2021	LDT1	Aggregate	Aggregate	Plug-in Hyb	249.6842	12838.65615	6537.294	6301.362	1032.444	1903.199	4.81E-05	0	0.000129	0.000177	7.73E-06	0	1.87E-06	9.6E-06	2.83E-05	1.94E-05	5.73E-05	8.4E-06	0	2.03E-06	1.04E-05	0.000113	5.54E-05	0.000179	2.083842	0	0.084356
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Gasoline	5866045	226498420.2	2.26E+08	0	27380953	0	27.72282	0	13.16651	40.88933	0.377314	0	0.065445	0.442759	0.499344	0.792666	1.734769	0.410353	0	0.071175	0.481529	1.997376	2.264759	4.743664	94189.5	0	2856.373
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Diesel	18603.36	775449.3284	775449.3	0	89565.66	0	0.063535	0	0	0.063535	0.006433	0	0	0.006433	0.00171	0.002639	0.010782	0.006723	0	0	0.006723	0.006838	0.007541	0.021103	286.98	0	0
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Electricity	5636.924	205522.9121	0	205522.9	29031.74	79348.81	0	0	0	0	0	0	0	0	0.000453	0.000345	0.000798	0	0	0	0	0.001812	0.000986	0.002798	0	0	0
Statewide Totals	2021	LDT2	Aggregate	Aggregate	Plug-in Hyb	18983.4	948639.7119	490471.3	458168.4	78496.37	138380.5	0.003605	0	0.009806	0.013411	0.000763	0	0.000188	0.00095	0.002091	0.001432	0.004473	0.00083	0	0.000204	0.001034	0.008366	0.004091	0.01349	156.1883	0	6.942341
Statewide Totals	2021	LHDT1	Aggregate	Aggregate	Gasoline	551145.4	19675740.94	19675741	0	8211246	0	6.052077	0.024209	6.287498	12.36378	0.03444	0	0.003798	0.038239	0.043378	0.592104	0.67372	0.037457	0	0.004131	0.041588	0.17351	1.691726	1.906824	17851.4	74.50393	234.0167
Statewide Totals	2021	LHDT1	Aggregate	Aggregate	Diesel	390871.3	14355664.17	14355664	0	4916670	0	41.74261	1.010492	0	42.7531	0.734784	0.011673	0	0.746456	0.047473	0.432006	1.225936	0.768007	0.012201	0	0.780208	0.189893	1.234304	2.204405	9385.921	59.32203	0
Statewide Totals	2021	LHDT2	Aggregate	Aggregate	Gasoline	78747.06	2814534.973	2814535	0	1173214	0	0.716788	0.003451	0.892262	1.6125	0.00403	0	0.000407	0.004436	0.006205	0.098814	0.109456	0.004382	0	0.000442	0.004825	0.02482	0.282327	0.311972	2810.55	12.28016	33.76446
Statewide Totals	2021	LHDT2	Aggregate	Aggregate	Diesel	143030.6	5537001.156	5537001	0	1799145	0	11.41972	0.360126	0	11.77984	0.228068	0.004189	0	0.232258	0.01831	0.194396	0.444965	0.23838	0.004379	0	0.242759	0.073242	0.555418	0.87142	4378.097	34.53671	0
Statewide Totals	2021	MCY	Aggregate	Aggregate	Gasoline	685404.8	3984080.095	3984080	0	1370810	0	2.898794	0	0.253379	3.152173	0.008415	0	0.005622	0.014037	0.004392	0.018445	0.036874	0.008967	0	0.005953	0.01492	0.017567	0.0527	0.085187	861.1563	0	81.90786
Statewide Totals	2021	MDV	Aggregate	Aggregate	Gasoline	4190533	151246828.8	1.51E+08	0	19190249	0	30.08821	0	12.7931	42.88132	0.265863	0	0.0522	0.318062	0.333442	0.537271	1.188776	0.288949	0	0.056722	0.345671	1.33377	1.535061	3.214502	76597.93	0	2463.054
Statewide Totals	2021	MDV	Aggregate	Aggregate	Diesel	65072.29	2611473.537	2611474	0	309642.3	0	0.358107	0	0	0.358107	0.024337	0	0	0.024337	0.005757	0.008895	0.038989	0.025437	0	0	0.025437	0.023029	0.025414	0.073881	1262.706	0	0
Statewide Totals	2021	MDV	Aggregate	Aggregate	Electricity	5940.702	216576.5827	0	216576.6	30589.7	83616.44	0	0	0	0	0	0	0	0	0.000477	0.000363	0.000841	0	0	0	0	0.00191	0.001039	0.002948	0	0	0
Statewide Totals	2021	MDV	Aggregate	Aggregate	Plug-in Hyb	15475.14	722212.8124	384153.6	338059.2	63989.71	102104	0.002804	0	0.007999	0.010803	0.000739	0	0.000191	0.000931	0.001592	0.001082	0.003605	0.000804	0	0.000208	0.001012	0.006369	0.003092	0.010473	121.4949	0	7.137042
Statewide Totals	2021	MH	Aggregate	Aggregate	Gasoline	100319.7	877900.8489	877900.8	0	10035.99	0	0.561117	0	0.004343	0.56546	0.001664	0	5.14E-06	0.001669	0.002903	0.014932	0.019504	0.001809	0	5.59E-06	0.001815	0.011613	0.042662	0.056089	1804.913	0	0.355812
Statewide Totals	2021	MH	Aggregate	Aggregate	Diesel	35718.1	337610.2483	337610.2	0	3571.81	0	1.749951	0	0	1.749951	0.047283	0	0	0.047283	0.001489	0.005723	0.054495	0.049421	0	0	0.049421	0.005954	0.016353	0.071728	389.0843	0	0
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Gasoline	53467.09	2746553.128	2746553	0	1069769	0	2.21118	0.005203	0.534908	2.751291	0.003616	0	0.000717	0.004333	0.009083	0.046576	0.059991	0.003933	0	0.00078	0.004713	0.036331	0.133073	0.174117	5337.588	32.57273	57.05183
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Diesel	268011	11734361.35	11734361	0	3180879	0	23.63049	4.867546	4.990366	33.4884	0.285675	0.014299	0	0.299974	0.038805	0.200461	0.539239	0.298591	0.014946	0	0.313537	0.155219	0.572746	1.041502	14564.69	692.2458	0
Statewide Totals	2021	MHDT	Aggregate	Aggregate	Natural Ga	2446.806	119909.7504	119909.8	0	22356.8	0	0.017321	0.017799	0	0.03512	0.000122	4.51E-05	0	0.000167	0.000397	0.002053	0.002616	0.000133	4.9E-05	0	0.000182	0.001586	0.005865	0.007633	122.151	14.41918	0
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Gasoline	14659.93	693577.9256	693577.9	0	293315.9	0	0.510747	0.001047	0.132619	0.644413	0.000635	0	9.41E-05	0.000729	0.002294	0.011853	0.014875	0.00069	0	0.000102	0.000793	0.009174	0.033865	0.043832	1362.913	6.242808	10.48171
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Diesel	9623.847	712971.807	712971.8	0	112541.8	0	1.866065	0.168194	0.173483	2.207743	0.039144	0.000361	0	0.039505	0.002358	0.016293	0.058155	0.040914	0.000377	0	0.041291	0.009431	0.04655	0.097272	1084.721	28.49312	0
Statewide Totals	2021	OBUS	Aggregate	Aggregate	Natural Ga	746.8969	44802.67849	44802.68	0	6647.383	0	0.008758	0.001287	0	0.010045	3.48E-05	2.71E-06	0	3.75E-05	0.000148	0.000767	0.000953	3.78E-05	2.94E-06	0	4.07E-05	0.000593	0.002193	0.002826	46.36847	1.005403	0
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Gasoline	6233.8	323255.3912	323255.4	0	24935.2	0	0.261666	0.006324	0.018782	0.286772	0.000454	0	1.67E-05	0.000471	0.000713	0.005704	0.006887	0.000494	0	1.82E-05	0.000512	0.002851	0.016297	0.019659	308.5956	18.15274	1.668267
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Diesel	19483.18	436716.2457	436716.2	0	282116.4	0	2.963146	0.581061	0.110184	3.654391	0.01642	0.000743	0	0.017163	0.001444	0.007653	0.026261	0.017163	0.000777	0	0.017939	0.005777	0.021866	0.045582	573.4678	49.01572	0
Statewide Totals	2021	SBUS	Aggregate	Aggregate	Natural Ga	3842.419	98759.31043	98759.31	0	55638.23	0	0.086279	0.022235	0	0.108514	0.000429	5.03E-05	0	0.000479	0.000327	0.001767	0.002573	0.000466	5.47E-05	0	0.000521	0.001306	0.005048	0.006876	175.6534	17.63945	0
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Gasoline	2766.632	237775.1406	237775.1	0	11066.53	0	0.036897	0	0.009651	0.046549	0.00023	0	4.46E-06	0.000235	0.00064	0.009118	0.009993	0.00025	0	4.85E-06	0.000255	0.00256	0.026051	0.028867	352.6787	0	0.949558
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Diesel	3606.232	361214.0732	361214.1	0	14424.93	0	0.415954	0	0	0.415954	0.00274	0	0	0.00274	0.003116	0.015312	0.021168	0.002864	0	0	0.002864	0.012464	0.04375	0.059078	513.5775	0	0
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Electricity	194.6433	9509.746024	0	9509.746	778.5731	18695.44	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000282	0	0	0	0	0.000324	0.000575	0.000899	0	0	0
Statewide Totals	2021	UBUS	Aggregate	Aggregate	Natural Ga	7587.414	885375.8348	885375.8	0	30349.66	0	0.611465	0	0	0.611465	0.00041	0	0	0.00041	0.007967	0.037473	0.045849	0.000428	0	0	0.000428	0.031869	0.107065	0.139361	2154.096	0	0
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Gasoline	235.5107	11307.09268	11307.09	0	4712.098	0	0.114391	0	0.003113	0.117503	3.96E-05	0	9.48E-06	4.91E-05	6.23E-05	0.000435	0.000546	4.31E-05	0	1.03E-05	5.34E-05	0.000249	0.001242	0.001545	29.55704	0	0.281845
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Diesel	289296.3	41279363.01	41279363	0	4687045	0	105.7867	26.14852	12.62802	144.5632	1.320833	0.012835	0	1.333668	0.403618	1.24267	2.979956	1.380555	0.013416	0	1.393971	1.614471	3.550485	6.558927	73941.38	4948.229	0
Statewide Totals	2022	HHDT	Aggregate	Aggregate	Natural Ga	16256.35	1128074.17	1128074	0	119081.8	0	1.534225	0.193564	0	1.727789	0.002919	0.000309	0	0.003228	0.011191	0.063951	0.07837	0.003175	0.000336	0	0.003511	0.044766	0.182716	0.230992	1656.531	162.6335	0
Statewide Totals	2022	LDA	Aggregate	Aggregate	Gasoline	13143383	510193142.8	5.1E+08	0	61016807	0	30.35824	0	18.96884	49.32708	0.778693	0	0.140947	0.91964	1.124784	1.515757	3.56018	0.846885	0	0.153284	1.00017	4.499136	4.330734	9.83004	166466.3	0	4916.56
Statewide Totals	2022	LDA	Aggregate	Aggregate	Diesel	52549.89	1638915.898	1638916	0	224018.3	0	0.511769	0	0	0.511769	0.041166	0	0	0.041166	0.003613	0.004873	0.049652	0.043027	0	0	0.043027	0.014453	0.013922	0.071402	445.8747	0	0
Statewide Totals	2022	LDA	Aggregate	Aggregate	Electricity	514826	22671752.72	0	22671753	2581275	8753168	0	0	0	0	0	0	0	0	0.049983	0.038199	0.088182	0	0	0	0	0.199931	0.10914	0.309071	0	0	0
Statewide Totals	2022	LDA	Aggregate	Aggregate	Plug-in Hyb	286134.2	13453824.58	6983076	6470749	1183165	1954359	0.05117	0	0.147822	0.198992	0.011342	0	0.002913	0.014255	0.029661	0.020316	0.064232	0.012335	0	0.003168	0.015503	0.118642	0.058046	0.192192	2216.104	0	87.0665
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Gasoline	1390472	46559751.09	46559751	0	6056811	0	10.9647	0	3.363926	14.32862	0.126531	0	0.023425	0.149956	0.102647	0.17019	0.422792	0.137601	0	0.025473	0.163074	0.410587	0.486257	1.059918	18147.62	0	625.5507
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Diesel	835.1995	12284.15051	12284.15	0	2475.373	0	0.021609	0	0	0.021609	0.003338	0	0	0.003338	2.71E-05	5.08E-05	0.003416	0.003489	0	0	0.003489	0.000108	0.000145	0.003743	5.799326	0	0
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Electricity	2056.446	71368.05233	0	71368.05	9517.803	27553.96	0	0	0	0	0	0	0	0	0.000157	0.000121	0.000278	0	0	0	0	0.000629	0.000346	0.000975	0	0	0
Statewide Totals	2022	LDT1	Aggregate	Aggregate	Plug-in Hyb	562.6718	29065.96212	13923.21	15142.75	2326.648	4573.562	0.000102	0	0.00029	0.000393	1.48E-05	0	3.76E-06	1.85E-05	6.41E-05	4.43E-05	0.000127	1.61E-05	0	4.09E-06	2.02E-05	0.000256	0.000126	0.000403	4.436842	0	0.185572
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Gasoline	5974705	234480220.8	2.34E+08	0	27900440	0	25.01555	0	12.26888	37.28443	0.373309	0	0.064233	0.437542	0.516941	0.819766	1.774249	0.406	0	0.069858	0.475858	2.067763	2.342189	4.88581	95283.81	0	2835.771

Statewide Totals	2022	LDT2	Aggregate	Aggregate	Diesel	19744.24	825357.1672	825357.2	0	94698.92	0	0.061447	0	0	0.061447	0.006438	0	0	0.006438	0.00182	0.002824	0.011081	0.006729	0	0	0.006729	0.007278	0.008069	0.022076	300.6021	0	0
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Electricity	14292.26	527979.6753	0	527979.7	73625.96	203843.7	0	0	0	0	0	0	0	0	0.001164	0.000887	0.002051	0	0	0	0	0.004656	0.002533	0.007189	0	0
Statewide Totals	2022	LDT2	Aggregate	Aggregate	Plug-in Hyb	28288.06	1415176.803	701739.6	713437.2	116971.1	215479.3	0.005155	0	0.014613	0.019768	0.000951	0	0.000242	0.001194	0.00312	0.002147	0.006461	0.001034	0	0.000264	0.001298	0.01248	0.006135	0.019913	223.339	0	10.11201
Statewide Totals	2022	LHDT1	Aggregate	Aggregate	Gasoline	544428.9	19918185.31	19918185	0	8111179	0	5.507017	0.023363	6.073305	11.60368	0.033499	0	0.003497	0.036995	0.043912	0.5994	0.680307	0.036433	0	0.003803	0.040236	0.175648	1.712571	1.928455	17660.44	73.09471	231.3403
Statewide Totals	2022	LHDT1	Aggregate	Aggregate	Diesel	389745.9	14556630.88	14556631	0	4902513	0	38.71576	0.975411	0	39.69117	0.703236	0.011563	0	0.714799	0.048138	0.438054	1.200991	0.735034	0.012086	0	0.747119	0.192551	1.251583	2.191254	9457.101	58.67358	0
Statewide Totals	2022	LHDT2	Aggregate	Aggregate	Gasoline	77809.99	2819605.111	2819605	0	1159253	0	0.648812	0.00333	0.865052	1.517194	0.003882	0	0.000369	0.004251	0.006216	0.098992	0.10946	0.004222	0	0.000401	0.004623	0.024865	0.282836	0.312324	2766.276	12.06448	33.14875
Statewide Totals	2022	LHDT2	Aggregate	Aggregate	Diesel	146007.3	5721386.57	5721387	0	1836589	0	10.76615	0.353629	0	11.11977	0.223772	0.004275	0	0.228047	0.01892	0.20087	0.447837	0.23389	0.004468	0	0.238358	0.075681	0.573914	0.887953	4477.189	34.94392	0
Statewide Totals	2022	MCY	Aggregate	Aggregate	Gasoline	688600.8	4045590.915	4045591	0	1377202	0	2.854007	0	0.244712	3.09872	0.008608	0	0.005512	0.01412	0.00446	0.01873	0.03731	0.009181	0	0.005842	0.015022	0.017838	0.053514	0.086374	870.9139	0	80.49857
Statewide Totals	2022	MDV	Aggregate	Aggregate	Gasoline	4194606	153878564.3	1.54E+08	0	19210125	0	26.35456	0	11.7273	38.08186	0.255663	0	0.04936	0.305023	0.339244	0.546451	1.190718	0.278014	0	0.053673	0.331686	1.356977	1.561288	3.249951	76389.19	0	2408.209
Statewide Totals	2022	MDV	Aggregate	Aggregate	Diesel	65562.93	2614655.725	2614656	0	309843	0	0.328435	0	0	0.328435	0.023128	0	0	0.023128	0.005764	0.009015	0.037907	0.024173	0	0	0.024173	0.023057	0.025758	0.072989	1252.407	0	0
Statewide Totals	2022	MDV	Aggregate	Aggregate	Electricity	14432.6	532367.6994	0	532367.7	74304.77	205537.9	0	0	0	0	0	0	0	0	0.001174	0.000894	0.002067	0	0	0	0	0.004695	0.002554	0.007248	0	0	0
Statewide Totals	2022	MDV	Aggregate	Aggregate	Plug-in Hyb	19497.13	913414.9003	469582.9	443832	80620.62	134050.5	0.003431	0	0.010077	0.013508	0.000806	0	0.000214	0.00102	0.002014	0.001376	0.00441	0.000877	0	0.000233	0.001109	0.008055	0.003932	0.013096	148.6208	0	8.796865
Statewide Totals	2022	MH	Aggregate	Aggregate	Gasoline	94610.42	842891.6435	842891.6	0	9464.827	0	0.485364	0	0.004186	0.48955	0.001499	0	4.54E-06	0.001504	0.002787	0.014335	0.018627	0.001631	0	4.93E-06	0.001636	0.01115	0.040958	0.053743	1731.713	0	0.333148
Statewide Totals	2022	MH	Aggregate	Aggregate	Diesel	35746.93	339063.7117	339063.7	0	3574.693	0	1.710434	0	0	1.710434	0.045748	0	0	0.045748	0.001495	0.005747	0.05299	0.047817	0	0	0.047817	0.00598	0.016421	0.070217	390.818	0	0
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Gasoline	51781.25	2721967.294	2721967	0	1036039	0	1.874817	0.005053	0.508166	2.388036	0.00344	0	0.000643	0.004083	0.009001	0.046159	0.059243	0.003742	0	0.000699	0.004441	0.036005	0.131883	0.172329	5229.841	31.32963	54.37556
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Diesel	269999.8	11888586.82	11888587	0	3210829	0	21.32226	4.60538	5.196791	31.12443	0.227931	0.011792	0	0.239723	0.039315	0.203088	0.482126	0.238237	0.012326	0	0.250562	0.157259	0.580252	0.988074	14726.24	691.9275	0
Statewide Totals	2022	MHDT	Aggregate	Aggregate	Natural Ga:	2682.505	130841.2014	130841.2	0	24275.95	0	0.017974	0.019535	0	0.037509	0.000138	5.12E-05	0	0.00019	0.000433	0.00224	0.002863	0.00015	5.57E-05	0	0.000206	0.001731	0.006401	0.008338	132.6671	15.90223	0
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Gasoline	14156.38	662542.8815	662542.9	0	283240.9	0	0.456245	0.001012	0.127871	0.585128	0.00062	0	9.1E-05	0.000711	0.002191	0.011321	0.014223	0.000674	0	9.9E-05	0.000773	0.008764	0.032345	0.041882	1290.585	6.000156	10.04872
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Diesel	9619.51	714733.6466	714733.6	0	112668.2	0	1.632651	0.147583	0.184918	1.965153	0.029325	0.000201	0	0.029525	0.002364	0.016252	0.04814	0.03065	0.00021	0	0.03086	0.009454	0.046433	0.086748	1089.674	28.25897	0
Statewide Totals	2022	OBUS	Aggregate	Aggregate	Natural Ga:	785.017	46358.22531	46358.23	0	6986.651	0	0.009073	0.001352	0	0.010425	3.62E-05	2.85E-06	0	3.9E-05	0.000153	0.000794	0.000987	3.93E-05	3.1E-06	0	4.24E-05	0.000613	0.00227	0.002926	47.97119	1.055733	0
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Gasoline	6320.118	332566.391	332566.4	0	25280.47	0	0.258091	0.00642	0.01929	0.283801	0.00043	0	1.6E-05	0.000446	0.000733	0.005869	0.007048	0.000468	0	1.74E-05	0.000485	0.002933	0.016768	0.020186	316.1102	18.33239	1.674504
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Diesel	19453.89	433547.7509	433547.8	0	281692.3	0	2.793233	0.568614	0.116595	3.478442	0.01521	0.000679	0	0.015889	0.001434	0.007596	0.024919	0.015898	0.000709	0	0.016607	0.005735	0.021704	0.044046	566.4898	48.80455	0
Statewide Totals	2022	SBUS	Aggregate	Aggregate	Natural Ga:	4005.238	101927.8052	101927.8	0	57995.84	0	0.085887	0.023125	0	0.109012	0.000443	5.36E-05	0	0.000496	0.000337	0.001824	0.002657	0.000481	5.83E-05	0	0.00054	0.001348	0.00521	0.007098	179.8133	18.40684	0
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Gasoline	2788.073	239525.6947	239525.7	0	11152.29	0	0.036164	0	0.009476	0.045639	0.000252	0	5.15E-06	0.000257	0.000645	0.009186	0.010088	0.000274	0	5.6E-06	0.00028	0.002579	0.026246	0.029105	354.7719	0	0.95509
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Diesel	3556.206	356650.3672	356650.4	0	14224.83	0	0.34285	0	0	0.34285	0.002673	0	0	0.002673	0.003079	0.015118	0.02087	0.002794	0	0	0.002794	0.012317	0.043195	0.058305	500.8795	0	0
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Electricity	194.5299	9498.305625	0	9498.306	778.1197	18675.05	0	0	0	0	0	0	0	0	8.11E-05	0.000201	0.000282	0	0	0	0	0.000324	0.000574	0.000899	0	0	0
Statewide Totals	2022	UBUS	Aggregate	Aggregate	Natural Ga:	7721.321	899268.9507	899269	0	30885.28	0	0.557222	0	0	0.557222	0.000441	0	0	0.000441	0.008088	0.038062	0.04659	0.000461	0	0	0.000461	0.032351	0.108748	0.14156	2154.644	0	0
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Gasoline	189.0791	10317.75033	10317.75	0	3783.095	0	0.09335	0	0.003757	0.097107	3.05E-05	0	6.83E-06	3.73E-05	5.69E-05	0.000387	0.000481	3.32E-05	0	7.43E-06	4.06E-05	0.000227	0.001106	0.001374	26.26915	0	0.22852
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Diesel	296921.7	42074958.62	42074959	0	4821966	0	85.71613	25.2184	14.49003	125.4246	1.289313	0.012169	0	1.301482	0.411444	1.247138	2.960063	1.34761	0.012719	0	1.360329	1.645775	3.563251	6.569355	74442.26	4893.694	0
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Electricity	239.3567	17275.84091	0	17275.84	4122.884	31347.02	0	0	0	0	0	0	0	0	0.000169	0.000253	0.000422	0	0	0	0	0.000675	0.000722	0.001398	0	0	0
Statewide Totals	2023	HHDT	Aggregate	Aggregate	Natural Ga:	17070.81	1143013.93	1143014	0	122957.8	0	1.435068	0.19544	0	1.630509	0.002818	0.000333	0	0.003151	0.01134	0.065885	0.080375	0.003065	0.000362	0	0.003427	0.045358	0.188243	0.237028	1646.271	167.8743	0
Statewide Totals	2023	LDA	Aggregate	Aggregate	Gasoline	13036208	510256808.6	5.1E+08	0	60476336	0	27.02733	0	17.855	44.88234	0.750647	0	0.134706	0.885354	1.124924	1.516665	3.526943	0.816389	0	0.1465	0.96289	4.499698	4.333328	9.795915	163510.7	0	4772.946
Statewide Totals	2023	LDA	Aggregate	Aggregate	Diesel	49454.89	1518369.794	1518370	0	209056.5	0	0.434496	0	0	0.434496	0.035786	0	0	0.035786	0.003347	0.004533	0.043666	0.037404	0	0	0.037404	0.01339	0.012951	0.063744	410.2041	0	0
Statewide Totals	2023	LDA	Aggregate	Aggregate	Electricity	606057.4	27655354.17	0	27655354	3028420	10677249	0	0	0	0	0	0	0	0	0.06097	0.046615	0.107584	0	0	0	0	0.243878	0.133185	0.377063	0	0	0
Statewide Totals	2023	LDA	Aggregate	Aggregate	Plug-in Hyb	320429.2	15076548.37	7636700	7439848	1324975	2247056	0.055958	0	0.165568	0.221525	0.011693	0	0.003085	0.014777	0.033238	0.022847	0.070863	0.012717	0	0.003355	0.016072	0.132952	0.065278	0.214302	2422.846	0	96.09198
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Gasoline	1352185	45737125.5	45737126	0	5886607	0	9.724748	0	3.091171	12.81592	0.11621	0	0.021407	0.137617	0.100833	0.167296	0.405746	0.126382	0	0.023281	0.149663	0.403333	0.477987	1.030983	17558.67	0	594.8146
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Diesel	750.0103	10858.45515	10858.46	0	2181.39	0	0.019033	0	0	0.019033	0.002941	0	0	0.002941	2.39E-05	4.49E-05	0.00301	0.003074	0	0	0.003074	9.58E-05	0.000128	0.003298	5.12392	0	0
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Electricity	2390.36	91017.42167	0	91017.42	11216.68	35140.24	0	0	0	0	0	0	0	0	0.000201	0.000154	0.000355	0	0	0	0	0.000803	0.00044	0.001243	0	0	0
Statewide Totals	2023	LDT1	Aggregate	Aggregate	Plug-in Hyb	1000.889	51641.57594	23797.04	27844.53	4138.674	8409.879	0.000175	0	0.000517	0.000692	2.42E-05	0	6.42E-06	3.06E-05	0.000114	7.9E-05	0.000223	2.63E-05	0	6.98E-06	3.33E-05	0.000455	0.000226	0.000714	7.581456	0	0.322735
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Gasoline	6085859	241447853.3	2.41E+08	0	28427214	0	22.59349	0	11.51314	34.10663	0.369274	0	0.063355	0.432628	0.532302	0.844183	1.809113	0.401615	0	0.068903	0.470519	2.129207	2.411951	5.011677	95779.07	0	2814.023
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Diesel	20752.73	867791.8579	867791.9	0	99255.56	0	0.057865	0	0	0.057865	0.006085	0	0	0.006085	0.001913	0.002985	0.010983	0.00636	0	0	0.00636	0.007653	0.008529	0.022541	310.4064	0	0
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Electricity	24333.42	895821.3357	0	895821.3	124904.6	345861	0	0	0	0	0	0	0	0	0.001975	0.001505	0.00348	0	0	0	0	0.0079	0.004301	0.012201	0	0	0
Statewide Totals	2023	LDT2	Aggregate	Aggregate	Plug-in Hyb	38200.55	1902625.986	912437.3	990188.7	157959.3	299066.5	0.006701	0	0.019735	0.026435	0.00114	0	0.000302	0.001441	0.004195	0.0029	0.008536	0.00124	0	0.000328	0.001568	0.016778	0.008285	0.026631	290.2837	0	13.36989
Statewide Totals	2023	LHDT1	Aggregate	Aggregate	Gasoline	539256.9	20090803.94	20090804	0	8034124	0	4.969435	0.022549	5.869257	10.86124	0.032582	0	0.003224	0.035806	0.044293	0.604595	0.684693	0.035436	0	0.003506	0.038942	0.177171	1.727413	1.943526	17385.29	71.81242	228.8792
Statewide Totals	2023	LHDT1	Aggregate	Aggregate	Diesel	388878.7	14676625.81	14676626	0	4891605	0	35.56237	0.939524	0	36.5019	0.666651	0.011475	0	0.678126	0.048535	0.441665	1.168325	0.696794	0.011994	0	0.708788	0.194139	1.2619	2.164827	9461.182	58.00267	0
Statewide Totals	2023	LHDT2	Aggregate	Aggregate	Gasoline	76955.76	2814627.274	2814627	0	1146526	0	0.580932	0.003207	0.837038	1.421178	0.003737	0	0.000334	0.004071	0.006205	0.098818	0.109094	0.004064	0	0.000364	0.004428	0.024821	0.282336	0.311585	2708.079	11.84942	32.55597
Statewide Totals	2023	LHDT2	Aggregate	Aggregate	Diesel	148912.6	5867400.094	5867400	0	1873134	0	10.06171	0.346251	0	10.40796	0.217796	0.004359	0	0.222155	0.019403	0.205996	0.447555	0.227644	0.004556	0	0.2322	0.077612	0.588561	0.898373	4538.252	35.2879	0
Statewide Totals	2023	MCY	Aggregate	Aggregate	Gasoline	691728.1	4087441.342	4087441	0	1383456	0	2.800819	0	0.23542	3.036239	0.008696	0	0.005273	0.013969	0.004506	0.018924	0.037398	0.009283	0	0.005595	0.014878	0.018023	0.054068	0.086968	876.5502	0	78.98516
Statewide Totals	2023	MDV	Aggregate	Aggregate	Gasoline	4197951	155724580.2	1.56E+08	0	19227799	0	23.28018	0	10.77067	34.05085	0.245618	0	0.046829	0.292447	0.343314	0.553296	1.189058	0.267106	0	0.050925	0.318031	1.373257	1.580847	3.272134	75671.51	0	2353.76
Statewide Totals	2023	MDV	Aggregate	Aggregate	Diesel	65867.56	2599891.912	2599892	0	309207.4	0	0.297298	0	0	0.297298	0.021789	0	0	0.021789	0.005732	0.009067	0.036588	0.022774	0	0	0.022774	0.022927	0.025906	0.071607	1231.535	0	0
Statewide Totals	2023	MDV	Aggregate	Aggregate	Electricity	26135.37	962892.3313	0	962892.3	134177.1	371755.9	0	0	0	0	0	0	0	0	0.002123	0.001617	0.00374	0	0	0	0	0.008491	0.004621	0.013113	0	0	0
Statewide Totals	2023	MDV	Aggregate	Aggregate	Plug-in Hyb	23912.36	1118719.665	556974.2	561745.4	98877.62	169663.9	0.004072	0	0.012359	0.016431	0.000873	0	0.000239	0.001112	0.002466	0.001694	0.005272	0.000949	0	0.00026	0.001209	0.009865	0.004841	0.015916	176.375	0	10.55466
Statewide Totals	2023	MH	Aggregate	Aggregate	Gasoline	89319.86	806575.8756	806575.9	0	8935.559	0	0.41528	0	0.004041	0.419322	0.001343	0	4E-06	0.001347	0.002667	0.013715	0.01773	0.001461	0	4.35E-06	0.001465	0.010669	0.039186	0.051321	1655.66	0	0.31231
Statewide Totals	2023	MH	Aggregate	Aggregate	Diesel	35755.26	338930.5392	338930.5	0	3575.526	0	1.661372	0	0	1.661372	0.043943	0	0	0.043943	0.001494	0.005744	0.051181	0.04593	0	0	0.04593	0.005978	0.016411	0.068318	390.6641	0	0
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Gasoline	50417.15	2694425.773	2694426	0	1008746	0	1.576546	0.004931	0.486883	2.068361	0.003305	0	0.000585	0.00389	0.00891	0.045687	0.058487	0.003595	0	0.000636	0.004231	0.035641	0.130535	0.170407	5117.481	30.28345	52.11752
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Diesel	273233.3	12042683.62	12042684	0	3255560	0	16.40557	4.136614	5.788263	26.33045	0.188069	0.009901	0	0.19797	0.039824	0.205694	0.443489	0.196573	0.010349	0	0.206922	0.159297	0.587697	0.953917	14851.41	681.0071	0
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Electricity	140.7839	3172.906362	0	3172.906	1743.929	3374.733	0	0	0	0	0	0	0	0	1.05E-05	2.71E-05	3.76E-05	0	0	0	0	4.2E-05	7.74E-05	0.000119	0	0	0
Statewide Totals	2023	MHDT	Aggregate	Aggregate	Natural Ga:	2886.251	141697.1144	141697.1	0	25731.04	0	0.017926	0.021041	0	0.038968	0.000159	5.78E-05	0	0.000216	0.000469	0.002427	0.003112	0.000173	6.29E-05	0	0.000235	0.001874	0.006934	0.009043	142.7534	17.2308	0
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Gasoline	13662.36	631183.225	631183.2	0	273356.5	0	0.405569	0.000977	0.12285	0.529396	0.000601	0	8.67E-05	0.000688	0.002087	0.010783	0.013559	0.000654	0	9.43E-05	0.000748	0.008349	0.03081	0.039907	1218.097	5.762044	9.634171
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Diesel	9734.29	721872.4661	721872.5	0	113900.7	0	1.376111	0.133869	0.202342	1.712322	0.028259	0.000189	0	0.028448	0.002387	0.016287	0.047123	0.029537	0.000198	0	0.029735	0.009549	0.046535	0.085818	1099.621	27.8232	0
Statewide Totals	2023	OBUS	Aggregate	Aggregate	Natural Ga:	698.4803	42569.08851	42569.09	0	6216.475	0	0.008095	0.0012	0	0.009295	3.51E-05	2.62E-06	0	3.77E-05	0.000141	0.00073	0.000909	3.82E-05	2.85E-06	0	4.1E-05	0.000563	0.002086	0.002691	43.86601	0.936012	0
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Gasoline	6403.731	339813.0891	339813.1	0	25614.92	0	0.254366	0.006512	0.019972	0.28085	0.000409	0	1.55E-05	0.000425	0.000749	0.005997	0.007171	0.000445	0	1.69E-05	0.000462	0.002997	0.017135	0.020594	321.6418	18.50448	1.68119
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Diesel	19414.91	430279.1865	430279.2	0	281127.9	0	2.624215	0.555175	0.122982	3.302371	0.014092	0.000622	0	0.014714	0.001423	0.007538	0.023675	0.014729	0.00065	0	0.015379	0.005692	0.021537	0.042608	559.4635	48.54663	0
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Electricity	11.11701	129.1349043	0	129.1349	160.9744	141.657	0	0	0	0	0	0	0	0	4.27E-07	1.14E-06	1.57E-06	0	0	0	0	1.71E-06	3.25E-06	4.96E-06	0	0	0
Statewide Totals	2023	SBUS	Aggregate	Aggregate	Natural Ga:	4168.045	105067.2347	105067.2	0	60353.29	0	0.085443	0.024015	0	0.109459	0.000456	5.7E-05	0	0.000513	0.000347	0.00188	0.002741	0.000496	6.2E-05	0	0.000558	0.00139	0.005371	0.007319	183.9127	19.17418	0
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Gasoline	2809.41	241270.1909	241270.2	0	11237.64	0	0.036036	0	0.009387	0.045424	0.000271	0	5.67E-06	0.000276	0.00065	0.009254	0.01018	0.000294	0	6.16E-06	0.0003	0.002599	0.026439	0.029338	356.4943	0	0.960782
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Diesel	3568.888	358275.8377	358275.8	0	14275.55	0	0.310931	0	0	0.310931	0.002673	0	0	0.002673	0.003091	0.015187	0.020951	0.002794	0	0	0.002794	0.012363	0.043391	0.058548	499.411	0	0
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Electricity	194.4701	9492.540803	0	9492.541	777.8803	18663.86	0	0	0	0	0	0	0	0	8.1E-05	0.000201	0.000282	0	0	0	0	0.000324	0.000574	0.000898	0	0	0
Statewide Totals	2023	UBUS	Aggregate	Aggregate	Natural Ga:	7792.238	906946.2194	906946.2	0	31168.95	0	0.51948	0	0	0.51948	0.00047	0	0	0.00047	0.00816	0.038387	0.047017	0.000491	0	0	0.000491	0.032639	0.109678	0.142808	2149.247	0	0
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Gasoline	150.1222	9389.358933	9389.359	0	3003.645	0	0.079921	0	0.002624	0.082545	2.24E-05	0	4.63E-06	2.7E-05	5.17E-05	0.000343	0.000421	2.43E-05	0	5.03E-06	2.94E-05	0.000207	0.000979	0.001215	23.21137	0	0.181106
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Diesel	307158.3	42799671.17	42799671	0	4993670	0	83.68647	25.65034	15.2435	124.5803	1.29903	0.01202	0	1.31105	0.418577	1.264842	2.994469	1.357767	0.012563	0	1.37033	1.674306	3.613834	6.658471	74657.32	4955.324	0
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Electricity	918.0862	104803.1987	0	104803.2	13920.56	190780.1	0	0	0	0	0	0	0	0	0.001011	0.001579	0.002591	0	0	0	0	0.004046	0.004512	0.008558	0	0	0
Statewide Totals	2024	HHDT	Aggregate	Aggregate	Natural Ga:	17975.31	1182489.028	1182489	0	129220.4	0	1.349618	0.199683	0	1.549301	0.00275	0.000361	0	0.003111	0.011731	0.068612	0.083455	0.002991	0.000393	0	0.003383	0.046925	0.196036	0.246344	1675.765	175.8829	0
Statewide Totals	2024	LDA	Aggregate	Aggregate	Gasoline	12932359	508129292.9	5.08E+08	0	59956651	0	24.16913	0	16.87067	41.0398	0.721321	0	0.129196	0.850516	1.120234	1.506025	3.476775	0.784502	0	0.140512	0.925014	4.480936	4.302928	9.708878	159617.2	0	4630.758
Statewide Totals	2024	LDA	Aggregate	Aggregate	Diesel	46051.86	1393608.456	1393608	0	193568.4	0	0.360682	0	0	0.360682	0.029534	0	0	0.029534	0.003072	0.004164	0.036771	0.03087	0	0	0.03087	0.01229	0.011897	0.055056	373.2551	0	0
Statewide Totals	2024	LDA	Aggregate	Aggregate	Electricity	698861	32845574.25	0	32845574	3479885	12681103	0	0	0	0	0	0	0	0	0.072412	0.055386	0.127798	0	0	0	0	0.289648	0.158245	0.447894	0	0	0
Statewide Totals	2024	LDA	Aggregate	Aggregate	Plug-in Hyb	352849.7	16532073.19	8174940	8357133	1459034	2524103	0.059784	0	0.182349	0.242133	0.01189	0	0.003242	0.015132	0.036447	0.025108	0.076688	0.012931	0	0.003526	0.016458	0.145788	0.071738	0.233984	2588.904	0	104.2021

Statewide Totals	2024	LDT1	Aggregate	Aggregate	Gasoline	1316922	44795753.09	44795753	0	5731283	0	8.594696	0	2.843147	11.43784	0.106275	0	0.019594	0.125869	0.098758	0.163406	0.388034	0.115581	0	0.02131	0.136891	0.395031	0.466875	0.998798	16908.48	0	566.2977
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Diesel	676.7857	9607.209403	9607.209	0	1931.286	0	0.016783	0	0	0.016783	0.002591	0	0	0.002591	2.12E-05	3.97E-05	0.002651	0.002708	0	0	0.002708	8.47E-05	0.000113	0.002906	4.528503	0	0
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Electricity	2849.747	117980.0806	0	117980.1	13553.72	45550.05	0	0	0	0	0	0	0	0	0.00026	0.0002	0.00046	0	0	0	0	0.00104	0.00057	0.00161	0	0	0
Statewide Totals	2024	LDT1	Aggregate	Aggregate	Plug-in Hyb	1560.429	79994.38415	35736.68	44257.7	6452.374	13367.14	0.000262	0	0.000806	0.001068	3.55E-05	0	9.81E-06	4.53E-05	0.000176	0.000123	0.000344	3.86E-05	0	1.07E-05	4.92E-05	0.000705	0.000351	0.001105	11.36378	0	0.492054
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Gasoline	6196168	247080529.8	2.47E+08	0	28942872	0	20.49462	0	10.88476	31.37938	0.36405	0	0.062756	0.426806	0.54472	0.861421	1.832947	0.395937	0	0.068253	0.46419	2.178879	2.461204	5.104272	95585.04	0	2789.632
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Diesel	21611.88	901223.1187	901223.1	0	103163	0	0.052806	0	0	0.052806	0.005379	0	0	0.005379	0.001987	0.003104	0.01047	0.005623	0	0	0.005623	0.007947	0.008868	0.022438	315.937	0	0
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Electricity	35461.74	1293238.061	0	1293238	181272.4	499296.6	0	0	0	0	0	0	0	0	0.002851	0.002175	0.005026	0	0	0	0	0.011404	0.006213	0.017617	0	0	0
Statewide Totals	2024	LDT2	Aggregate	Aggregate	Plug-in Hyb	47478.44	2337538.051	1091736	1245802	196323.3	376269.5	0.007999	0	0.024531	0.03253	0.001294	0	0.000357	0.001651	0.005153	0.003572	0.010376	0.001408	0	0.000388	0.001796	0.020614	0.010205	0.032614	346.6135	0	16.3035
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Gasoline	533444	20083806.48	20083806	0	7947521	0	4.454073	0.021734	5.659367	10.13517	0.031559	0	0.002968	0.034528	0.044277	0.604384	0.683189	0.034324	0	0.003228	0.037552	0.177109	1.726811	1.941472	16986.23	70.45167	226.1084
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Diesel	387023.5	14655800.96	14655801	0	4868269	0	32.3735	0.90263	0	33.27614	0.626548	0.011363	0	0.63791	0.048466	0.441038	1.127415	0.654877	0.011876	0	0.666754	0.193863	1.26011	2.120727	9378.892	57.19366	0
Statewide Totals	2024	LHDT1	Aggregate	Aggregate	Electricity	1635.665	123189.2944	0	123189.3	22849.2	74239.79	0	0	0	0	0	0	0	0	0.000272	0.001854	0.002125	0	0	0	0	0.001086	0.005296	0.006382	0	0	0
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Gasoline	76015.03	2788467.09	2788467	0	1132511	0	0.517988	0.003086	0.807372	1.328446	0.003598	0	0.000305	0.003903	0.006148	0.097899	0.10795	0.003914	0	0.000331	0.004245	0.02459	0.279712	0.308547	2632.668	11.62224	31.93345
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Diesel	151207.2	5947359.815	5947360	0	1901996	0	9.335175	0.337941	0	9.673116	0.210004	0.004428	0	0.214432	0.019668	0.208804	0.442903	0.219499	0.004628	0	0.224128	0.07867	0.596582	0.899379	4550.864	35.48906	0
Statewide Totals	2024	LHDT2	Aggregate	Aggregate	Electricity	423.3612	30210.37351	0	30210.37	5604.02	18069.62	0	0	0	0	0	0	0	0	6.66E-05	0.00053	0.000597	0	0	0	0	0.000266	0.001515	0.001782	0	0	0
Statewide Totals	2024	MCY	Aggregate	Aggregate	Gasoline	694600.9	4105358.564	4105359	0	1389202	0	2.740083	0	0.226535	2.966617	0.008715	0	0.005035	0.01375	0.004525	0.019007	0.037282	0.00931	0	0.005351	0.014661	0.018102	0.054305	0.087067	877.1475	0	77.5431
Statewide Totals	2024	MDV	Aggregate	Aggregate	Gasoline	4197181	156615967.6	1.57E+08	0	19226777	0	20.39704	0	9.883717	30.28076	0.234636	0	0.044483	0.279119	0.345279	0.555102	1.179501	0.25518	0	0.048377	0.303557	1.381117	1.586007	3.270681	74374.91	0	2295.878
Statewide Totals	2024	MDV	Aggregate	Aggregate	Diesel	65919.21	2563762.706	2563763	0	307396.5	0	0.268296	0	0	0.268296	0.020486	0	0	0.020486	0.005652	0.009006	0.035144	0.021412	0	0	0.021412	0.022609	0.025731	0.069752	1199.138	0	0
Statewide Totals	2024	MDV	Aggregate	Aggregate	Electricity	38622.03	1409204.243	0	1409204	197450.8	544069.1	0	0	0	0	0	0	0	0	0.003107	0.002369	0.005476	0	0	0	0	0.012427	0.006769	0.019196	0	0	0
Statewide Totals	2024	MDV	Aggregate	Aggregate	Plug-in Hyb	29857.22	1395121.492	669668.5	725453	123459.6	219108.4	0.00489	0	0.015431	0.020321	0.000958	0	0.000272	0.00123	0.003076	0.002122	0.006428	0.001042	0	0.000296	0.001338	0.012303	0.006063	0.019704	211.8657	0	12.82572
Statewide Totals	2024	MH	Aggregate	Aggregate	Gasoline	84519.02	770352.3129	770352.3	0	8455.283	0	0.358835	0	0.003908	0.362744	0.001218	0	3.59E-06	0.001222	0.002548	0.013095	0.016865	0.001325	0	3.9E-06	0.001329	0.01019	0.037415	0.048934	1580.849	0	0.293749
Statewide Totals	2024	MH	Aggregate	Aggregate	Diesel	35749.86	337480.3941	337480.4	0	3574.986	0	1.607655	0	0	1.607655	0.04211	0	0	0.04211	0.001488	0.005718	0.049316	0.044014	0	0	0.044014	0.005952	0.016336	0.066302	388.931	0	0
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Gasoline	49136.2	2647286.254	2647286	0	983117.1	0	1.329173	0.004816	0.463373	1.797362	0.00319	0	0.000541	0.003731	0.008754	0.044872	0.057357	0.00347	0	0.000588	0.004058	0.035018	0.128205	0.167281	4976.102	29.30065	50.03658
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Diesel	277729.4	12176258.56	12176259	0	3314941	0	15.23975	4.058646	5.955458	25.25385	0.168451	0.008391	0	0.176842	0.040266	0.207909	0.425017	0.176068	0.00877	0	0.184838	0.161064	0.594026	0.939929	14960.3	687.0363	0
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Electricity	845.6621	47203.33616	0	47203.34	10926.66	50979.04	0	0	0	0	0	0	0	0	0.000156	0.000403	0.000559	0	0	0	0	0.000624	0.001151	0.001775	0	0	0
Statewide Totals	2024	MHDT	Aggregate	Aggregate	Natural Ga:	3069.098	148297.3761	148297.4	0	27145.41	0	0.017959	0.022405	0	0.040364	0.00017	6.31E-05	0	0.000233	0.00049	0.002539	0.003263	0.000185	6.87E-05	0	0.000253	0.001962	0.007256	0.009471	148.62	18.41299	0
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Gasoline	13168.72	597323.1986	597323.2	0	263479.8	0	0.358595	0.000942	0.118731	0.478268	0.000583	0	8.33E-05	0.000666	0.001975	0.010211	0.012853	0.000634	0	9.06E-05	0.000725	0.007901	0.029175	0.037801	1142.871	5.526333	9.224805
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Diesel	9912.905	724559.1469	724559.1	0	116162.5	0	1.375859	0.136154	0.207084	1.719097	0.028235	0.000183	0	0.028418	0.002396	0.016357	0.047171	0.029512	0.000191	0	0.029703	0.009584	0.046735	0.086022	1099.178	28.24725	0
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Electricity	25.1136	2191.950299	0	2191.95	502.4729	2370.847	0	0	0	0	0	0	0	0	7.25E-06	1.87E-05	2.59E-05	0	0	0	0	2.9E-05	5.34E-05	8.24E-05	0	0	0
Statewide Totals	2024	OBUS	Aggregate	Aggregate	Natural Ga:	719.5198	43318.57774	43318.58	0	6403.726	0	0.007962	0.001233	0	0.009195	3.76E-05	2.77E-06	0	4.04E-05	0.000143	0.000744	0.000928	4.09E-05	3.01E-06	0	4.39E-05	0.000573	0.002126	0.002743	44.50784	0.963965	0
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Gasoline	6487.546	345599.5183	345599.5	0	25950.18	0	0.246014	0.006603	0.020649	0.273267	0.000403	0	1.57E-05	0.000419	0.000762	0.0061	0.007281	0.000439	0	1.7E-05	0.000456	0.003048	0.017428	0.020932	325.887	18.68163	1.684178
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Diesel	19340.78	426182.5409	426182.5	0	280054.5	0	2.456633	0.539742	0.128802	3.125178	0.013069	0.000571	0	0.01364	0.001409	0.007465	0.022514	0.01366	0.000596	0	0.014256	0.005637	0.021329	0.041222	551.5071	48.18731	0
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Electricity	70.00474	2045.092783	0	2045.093	869.3358	2237.458	0	0	0	0	0	0	0	0	5.99E-06	1.8E-05	2.4E-05	0	0	0	0	2.4E-05	5.15E-05	7.54E-05	0	0	0
Statewide Totals	2024	SBUS	Aggregate	Aggregate	Natural Ga:	4326.797	107950.3757	107950.4	0	62652.02	0	0.084916	0.024883	0	0.109799	0.000469	6.03E-05	0	0.000529	0.000357	0.001931	0.002818	0.00051	6.56E-05	0	0.000576	0.001428	0.005519	0.007522	187.6298	19.92242	0
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Gasoline	2828.539	242804.0638	242804.1	0	11314.15	0	0.033579	0	0.008982	0.042561	0.000311	0	6.34E-06	0.000317	0.000654	0.009312	0.010283	0.000338	0	6.9E-06	0.000345	0.002615	0.026607	0.029567	354.6929	0	0.963002
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Diesel	3498.152	350115.7745	350115.8	0	13992.61	0	0.145421	0	0	0.145421	0.002546	0	0	0.002546	0.003016	0.014837	0.0204	0.002661	0	0	0.002661	0.012066	0.042392	0.05712	472.6904	0	0
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Electricity	313.7353	24321.75384	0	24321.75	1254.941	46816.64	0	0	0	0	0	0	0	0	0.00022	0.000516	0.000735	0	0	0	0	0.000878	0.001473	0.002351	0	0	0
Statewide Totals	2024	UBUS	Aggregate	Aggregate	Natural Ga:	7829.208	909762.2065	909762.2	0	31316.83	0	0.481057	0	0	0.481057	0.000464	0	0	0.000464	0.008181	0.038509	0.047154	0.000485	0	0	0.000485	0.032725	0.110026	0.143236	2132.111	0	0
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Gasoline	126.6604	8734.328026	8734.328	0	2534.221	0	0.066097	0	0.001825	0.067922	1.81E-05	0	3.45E-06	2.15E-05	4.81E-05	0.000312	0.000382	1.97E-05	0	3.75E-06	2.34E-05	0.000193	0.000892	0.001108	21.0604	0	0.153339
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Diesel	315961.6	43487031.15	43487031	0	5139397	0	81.88764	25.82029	15.84766	123.5556	1.301437	0.011872	0	1.31331	0.425361	1.285225	3.023895	1.360283	0.012409	0	1.372692	1.701442	3.672071	6.746204	74649.07	4989.487	0
Statewide Totals	2025	HHDT	Aggregate	Aggregate	Natural Ga:	18819.84	1219353.786	1219354	0	135122.5	0	1.269296	0.20322	0	1.472516	0.00269	0.000389	0	0.003079	0.012097	0.07117	0.086346	0.002925	0.000423	0	0.003348	0.048388	0.203342	0.255079	1706.423	183.2992	0
Statewide Totals	2025	LDA	Aggregate	Aggregate	Gasoline	12837663	503812695	5.04E+08	0	59480990	0	21.78249	0	15.97934	37.76183	0.694046	0	0.124743	0.818789	1.110718	1.492202	3.421709	0.754838	0	0.135669	0.890508	4.442871	4.263434	9.596813	154977.9	0	4491.924
Statewide Totals	2025	LDA	Aggregate	Aggregate	Diesel	42627.75	1266876.471	1266876	0	178260.3	0	0.296086	0	0	0.296086	0.024901	0	0	0.024901	0.002793	0.003794	0.031488	0.026027	0	0	0.026027	0.011172	0.010841	0.04804	336.1906	0	0
Statewide Totals	2025	LDA	Aggregate	Aggregate	Electricity	792351.3	38110990.41	0	38110990	3931211	14713988	0	0	0	0	0	0	0	0	0.08402	0.064291	0.148312	0	0	0	0	0.336081	0.183689	0.519771	0	0	0
Statewide Totals	2025	LDA	Aggregate	Aggregate	Plug-in Hyb	383663.1	17814254.34	8595793	9218461	1586447	2784250	0.062849	0	0.198304	0.261153	0.011977	0	0.003386	0.015363	0.039274	0.02714	0.081777	0.013026	0	0.003683	0.016709	0.157095	0.077542	0.251345	2721.071	0	111.4725
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Gasoline	1284222	43707488.99	43707489	0	5587632	0	7.577018	0	2.616372	10.19339	0.097434	0	0.018045	0.115479	0.096359	0.159348	0.371186	0.105968	0	0.019626	0.125594	0.385434	0.455281	0.966309	16205.92	0	539.5178
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Diesel	610.9429	8457.802623	8457.803	0	1710.135	0	0.014708	0	0	0.014708	0.002271	0	0	0.002271	1.86E-05	3.49E-05	0.002325	0.002374	0	0	0.002374	7.46E-05	9.97E-05	0.002548	3.984422	0	0
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Electricity	3472.828	154253.7054	0	154253.7	16713.3	59554.66	0	0	0	0	0	0	0	0	0.00034	0.000261	0.000601	0	0	0	0	0.00136	0.000744	0.002105	0	0	0
Statewide Totals	2025	LDT1	Aggregate	Aggregate	Plug-in Hyb	2255.843	114380.1735	49613.65	64766.53	9327.91	19561.42	0.000364	0	0.001165	0.001528	4.86E-05	0	1.4E-05	6.27E-05	0.000252	0.000176	0.000491	5.29E-05	0	1.52E-05	6.82E-05	0.001009	0.000503	0.00158	15.77097	0	0.695256
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Gasoline	6307224	251275667.7	2.51E+08	0	29454216	0	18.68909	0	10.36782	29.05691	0.358823	0	0.062371	0.421194	0.553968	0.876119	1.851281	0.390253	0	0.067834	0.458087	2.215874	2.503196	5.177156	94786.08	0	2763.38
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Diesel	22395.21	926401.2108	926401.2	0	106650.1	0	0.048693	0	0	0.048693	0.005102	0	0	0.005102	0.002042	0.003201	0.010345	0.005333	0	0	0.005333	0.008169	0.009146	0.022648	318.0267	0	0
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Electricity	47977.69	1724693.602	0	1724694	244230.9	665874.1	0	0	0	0	0	0	0	0	0.003802	0.002902	0.006704	0	0	0	0	0.015209	0.008291	0.0235	0	0	0
Statewide Totals	2025	LDT2	Aggregate	Aggregate	Plug-in Hyb	57212.96	2772425.406	1261716	1510709	236575.6	456279.2	0.009242	0	0.029564	0.038806	0.001441	0	0.000414	0.001856	0.006112	0.00425	0.012218	0.001568	0	0.000451	0.002019	0.024449	0.012143	0.03861	400.3858	0	19.2592
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Gasoline	527137.6	19931916.9	19931917	0	7853565	0	3.946329	0.020924	5.436326	9.403579	0.030366	0	0.002716	0.033082	0.043942	0.599813	0.676838	0.033026	0	0.002954	0.03598	0.175769	1.713752	1.925501	16512.57	69.05067	223.0748
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Diesel	384627.7	14526241.97	14526242	0	4838133	0	29.22327	0.865577	0	30.08884	0.584378	0.01125	0	0.595628	0.048037	0.43714	1.080805	0.610801	0.011759	0	0.62256	0.192149	1.24897	2.063679	9236.446	56.32389	0
Statewide Totals	2025	LHDT1	Aggregate	Aggregate	Electricity	4531.776	316257.0674	0	316257.1	63376.29	190691.6	0	0	0	0	0	0	0	0	0.000697	0.004759	0.005456	0	0	0	0	0.002789	0.013596	0.016385	0	0	0
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Gasoline	74953.44	2743021.41	2743021	0	1116695	0	0.459186	0.002963	0.775797	1.237946	0.003462	0	0.000279	0.003741	0.006047	0.096304	0.106092	0.003765	0	0.000304	0.004069	0.024189	0.275153	0.303412	2545.185	11.38034	31.27185
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Diesel	153118.8	5976481.729	5976482	0	1926042	0	8.605494	0.329133	0	8.934627	0.201233	0.004489	0	0.205722	0.019764	0.209826	0.435312	0.210332	0.004692	0	0.215024	0.079055	0.599503	0.893582	4529.551	35.60768	0
Statewide Totals	2025	LHDT2	Aggregate	Aggregate	Electricity	1164.199	77205.83207	0	77205.83	15438.42	46194.57	0	0	0	0	0	0	0	0	0.00017	0.001355	0.001526	0	0	0	0	0.000681	0.003872	0.004553	0	0	0
Statewide Totals	2025	MCY	Aggregate	Aggregate	Gasoline	697353.7	4101196.767	4101197	0	1394707	0	2.67134	0	0.217601	2.888941	0.008784	0	0.00502	0.013804	0.004521	0.018987	0.037312	0.00939	0	0.005339	0.014728	0.018083	0.05425	0.087061	873.7689	0	76.18971
Statewide Totals	2025	MDV	Aggregate	Aggregate	Gasoline	4198402	156680570.6	1.57E+08	0	19230832	0	19.70432	0	9.083029	26.98735	0.225681	0	0.042813	0.268494	0.345422	0.555317	1.169233	0.245447	0	0.046563	0.29201	1.381687	1.586021	3.260318	72663.49	0	2239.024
Statewide Totals	2025	MDV	Aggregate	Aggregate	Diesel	65690.95	2509511.049	2509511	0	304580.2	0	0.238782	0	0	0.238782	0.018829	0	0	0.018829	0.005533	0.008883	0.033245	0.019681	0	0	0.019681	0.02213	0.02538	0.067191	1157.314	0	0
Statewide Totals	2025	MDV	Aggregate	Aggregate	Electricity	51965.81	1867218.688	0	1867219	264486.3	720900.5	0	0	0	0	0	0	0	0	0.004117	0.003142	0.007258	0	0	0	0	0.016466	0.008976	0.025442	0	0	0
Statewide Totals	2025	MDV	Aggregate	Aggregate	Plug-in Hyb	36338.1	1684033.635	781746.1	902287.6	150258	272517.7	0.00571	0	0.01878	0.02449	0.001044	0	0.000309	0.001353	0.003713	0.002573	0.007638	0.001135	0	0.000336	0.001471	0.014851	0.00735	0.023672	247.367	0	15.2072
Statewide Totals	2025	MH	Aggregate	Aggregate	Gasoline	80354.92	735820.0839	735820.1	0	8038.706	0	0.312837	0	0.003792	0.316629	0.001117	0	3.28E-06	0.001121	0.002433	0.012507	0.016061	0.001215	0	3.57E-06	0.001219	0.009733	0.035735	0.046687	1509.166	0	0.277762
Statewide Totals	2025	MH	Aggregate	Aggregate	Diesel	35686.68	334282.7873	334282.8	0	3568.668	0	1.547715	0	0	1.547715	0.040023	0	0	0.040023	0.001474	0.005663	0.047159	0.041832	0	0	0.041832	0.005896	0.016179	0.063907	385.2881	0	0
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Gasoline	47979.48	2589381.432	2589381	0	959973.4	0	1.120606	0.004621	0.440357	1.565584	0.003094	0	0.000507	0.003601	0.008563	0.043893	0.056057	0.003365	0	0.000551	0.003916	0.034252	0.125407	0.163575	4815.788	28.39855	48.16081
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Diesel	283391.9	12272299.68	12272300	0	3387538	0	14.00337	3.936493	6.094554	24.03442	0.149214	0.007058	0	0.156272	0.040584	0.209542	0.406397	0.155961	0.007377	0	0.163338	0.162335	0.59869	0.924363	14993.93	694.6095	0
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Electricity	2457.805	136285.2157	0	136285.2	31554.2	146451.6	0	0	0	0	0	0	0	0	0.000451	0.001163	0.001614	0	0	0	0	0.001803	0.003322	0.005125	0	0	0
Statewide Totals	2025	MHDT	Aggregate	Aggregate	Natural Ga:	3268.742	154575.5549	154575.6	0	28802.85	0	0.01788	0.023847	0	0.041727	0.000182	6.88E-05	0	0.000251	0.000511	0.002647	0.003409	0.000198	7.49E-05	0	0.000272	0.002045	0.007564	0.009881	154.2185	19.66339	0
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Gasoline	12688.14	562871.6385	562871.6	0	253864.3	0	0.317506	0.000896	0.113957	0.43236	0.000563	0	8.03E-05	0.000643	0.001861	0.009621	0.012125	0.000612	0	8.73E-05	0.000699	0.007446	0.027488	0.035633	1066.555	5.297397	8.832418
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Diesel	10199.29	727468.079	727468.1	0	120075.9	0	1.335519	0.136205	0.213092	1.684816	0.02738	0.000176	0	0.027557	0.002406	0.016433	0.046396	0.028618	0.000184	0	0.028803	0.009623	0.046952	0.085378	1092.699	29.0576	0
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Electricity	61.64718	5272.884086	0	5272.884	1233.437	5703.46	0	0	0	0	0	0	0	0	1.74E-05	4.5E-05	6.24E-05	0	0	0	0	6.97E-05	0.000128	0.000198	0	0	0
Statewide Totals	2025	OBUS	Aggregate	Aggregate	Natural Ga:	755.5383	44530.78426	44530.78	0	6724.291	0	0.007575	0.001289	0	0.008864	4.18E-05	3.05E-06	0	4.48E-05	0.000147	0.000765	0.000957	4.55E-05	3.31E-06	0	4.88E-05	0.000589	0.002185	0.002823	45.10853	1.009095	0
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Gasoline	6558.351	348706.6724	348706.7	0	26233.4	0	0.232549	0.006589	0.021207	0.260344	0.000392	0	1.57E-05	0.000408	0.000769	0.006156	0.007332	0.000427	0	1.71E-05	0.000444	0.003075	0.017587	0.021106	327.5916	18.8198	1.68328
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Diesel	19238.84	421680.3185	421680.3	0	278578.5	0	2.289389	0.521008	0.13364	2.944038	0.012127	0.000523	0	0.01265	0.001394	0.007385	0.02143	0.012676	0.000546	0	0.013222	0.005578	0.0211	0.0399	543.1055	47.73781	0
Statewide Totals	2025	SBUS	Aggregate	Aggregate	Electricity	151.4873	4630.488753	0	4630.489	1878.889	5066.355	0	0	0	0	0	0	0	0	1.36E-05	4.08E-05	5.44E-05	0	0	0	0	5.45E-05	0.000117	0.000171	0	0	0

Statewide Totals	2025	SBUS	Aggregate	Aggregate	Natural Ga:	4484.09	110694.4559	110694.5	0	64929.62	0	0.084326	0.025743	0	0.11007	0.000481	6.35E-05	0	0.000544	0.000366	0.001981	0.002891	0.000523	6.91E-05	0	0.000592	0.001464	0.005659	0.007715	191.1301	20.66377	0
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Gasoline	2845.621	244141.1428	244141.1	0	11382.49	0	0.033457	0	0.008779	0.042236	0.000332	0	6.72E-06	0.000339	0.000657	0.009363	0.010359	0.000361	0	7.3E-06	0.000368	0.002629	0.026751	0.029749	353.3199	0	0.965426
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Diesel	3484.198	348958.0094	348958	0	13936.79	0	0.144571	0	0	0.144571	0.002539	0	0	0.002539	0.003001	0.014786	0.020326	0.002654	0	0	0.002654	0.012002	0.042247	0.056903	471.1033	0	0
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Electricity	395.5557	35355.34247	0	35355.34	1582.223	68611.1	0	0	0	0	0	0	0	0	0.000317	0.00075	0.001067	0	0	0	0	0.001268	0.002142	0.00341	0	0	0
Statewide Totals	2025	UBUS	Aggregate	Aggregate	Natural Ga:	7848.692	909542.8261	909542.8	0	31394.77	0	0.453127	0	0	0.453127	0.000472	0	0	0.000472	0.008187	0.038501	0.047159	0.000493	0	0	0.000493	0.032746	0.110002	0.143242	2110.718	0	0
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Gasoline	102.1698	8117.226111	8117.226	0	2044.214	0	0.046717	0	0.000517	0.047235	1.35E-05	0	2.16E-06	1.56E-05	4.47E-05	0.000285	0.000346	1.47E-05	0	2.35E-06	1.7E-05	0.000179	0.000815	0.001011	18.99201	0	0.122818
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Diesel	323622.8	44147347.53	44147348	0	5266387	0	80.36823	25.85841	16.34897	122.5756	1.313826	0.011707	0	1.325532	0.431887	1.311603	3.069023	1.373231	0.012236	0	1.385467	1.727548	3.747438	6.860453	74562.4	5007.23	0
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Electricity	3519.608	425340.4079	0	425340.4	52038.79	774421.8	0	0	0	0	0	0	0	0	0.004094	0.006721	0.010815	0	0	0	0	0.016377	0.019202	0.035579	0	0	0
Statewide Totals	2026	HHDT	Aggregate	Aggregate	Natural Ga:	19576.3	1252668.279	1252668	0	140280.1	0	1.189501	0.205494	0	1.394995	0.002634	0.000415	0	0.003049	0.012427	0.073549	0.089025	0.002865	0.000451	0	0.003316	0.04971	0.210139	0.263164	1732.772	189.6642	0
Statewide Totals	2026	LDA	Aggregate	Aggregate	Gasoline	12771098	500207112.7	5E+08	0	59152857	0	19.86115	0	15.21853	35.07968	0.664233	0	0.120636	0.784869	1.102769	1.478121	3.365759	0.722414	0	0.131202	0.853617	4.411075	4.223203	9.487894	150638.1	0	4367.68
Statewide Totals	2026	LDA	Aggregate	Aggregate	Diesel	38753.58	1143624.674	1143625	0	162077.9	0	0.235621	0	0	0.235621	0.01992	0	0	0.01992	0.002521	0.003424	0.025865	0.02082	0	0	0.02082	0.010085	0.009782	0.040687	299.9251	0	0
Statewide Totals	2026	LDA	Aggregate	Aggregate	Electricity	870559.2	41201804.22	0	41201804	4299875	15907297	0	0	0	0	0	0	0	0	0.090834	0.069543	0.160377	0	0	0	0	0.363338	0.198694	0.562032	0	0	0
Statewide Totals	2026	LDA	Aggregate	Aggregate	Plug-in Hyb	409333.9	18705424.72	8848460	9856964	1692595	2977097	0.064631	0	0.211605	0.276236	0.011776	0	0.003464	0.015241	0.041238	0.028556	0.085035	0.012807	0	0.003768	0.016575	0.164954	0.081588	0.263117	2798.271	0	117.262
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Gasoline	1253937	42656830.63	42656831	0	5456153	0	6.688779	0	2.412918	9.101697	0.08944	0	0.01669	0.106129	0.094042	0.155136	0.355307	0.097274	0	0.018152	0.115425	0.376169	0.443245	0.934839	15531.96	0	514.7663
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Diesel	518.9082	7018.170847	7018.171	0	1429.139	0	0.012025	0	0	0.012025	0.001857	0	0	0.001857	1.55E-05	2.88E-05	0.001901	0.001941	0	0	0.001941	6.19E-05	8.24E-05	0.002085	3.291924	0	0
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Electricity	4237.206	192705.142	0	192705.1	20575.31	74400.09	0	0	0	0	0	0	0	0	0.000425	0.000325	0.00075	0	0	0	0	0.001699	0.000929	0.002629	0	0	0
Statewide Totals	2026	LDT1	Aggregate	Aggregate	Plug-in Hyb	2993.044	149253.9306	63631.08	85622.86	12376.24	25860.65	0.000466	0	0.001546	0.002011	5.98E-05	0	1.79E-05	7.76E-05	0.000329	0.00023	0.000637	6.5E-05	0	1.94E-05	8.45E-05	0.001316	0.000658	0.002058	20.20768	0	0.907971
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Gasoline	6421310	254927112.9	2.55E+08	0	29974810	0	17.16018	0	9.951558	27.11174	0.350244	0	0.061635	0.411879	0.562018	0.88773	1.861627	0.380922	0	0.067034	0.447956	2.248074	2.536371	5.232401	93878.62	0	2740.63
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Diesel	23123.46	946334.4932	946334.5	0	109779.1	0	0.046022	0	0	0.046022	0.005007	0	0	0.005007	0.002086	0.003273	0.010367	0.005234	0	0	0.005234	0.008345	0.009351	0.02293	318.3892	0	0
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Electricity	60082.44	2125562.725	0	2125563	304367.6	820642.6	0	0	0	0	0	0	0	0	0.004686	0.003579	0.008265	0	0	0	0	0.018744	0.010225	0.028969	0	0	0
Statewide Totals	2026	LDT2	Aggregate	Aggregate	Plug-in Hyb	66397.59	3154315.371	1409311	1745004	274554	527043.3	0.010312	0	0.034315	0.044627	0.001538	0	0.000461	0.001999	0.006954	0.004845	0.013798	0.001673	0	0.000501	0.002174	0.027816	0.013843	0.043833	446.756	0	22.00969
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Gasoline	521613	19776450.43	19776450	0	7771256	0	3.511954	0.020172	5.221635	8.753762	0.029451	0	0.002515	0.031966	0.0436	0.595135	0.6707	0.032031	0	0.002735	0.034766	0.174398	1.700385	1.909549	16080.6	67.78633	220.2515
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Diesel	381362.9	14367442.99	14367443	0	4797065	0	26.2514	0.827497	0	27.07889	0.544706	0.011125	0	0.555831	0.047512	0.432361	1.035704	0.569335	0.011628	0	0.580963	0.190049	1.235317	2.006329	9090.356	55.34332	0
Statewide Totals	2026	LHDT1	Aggregate	Aggregate	Electricity	8665.64	577819.8459	0	577819.8	121229.6	348649.3	0	0	0	0	0	0	0	0	0.001274	0.008694	0.009968	0	0	0	0	0.005095	0.024841	0.029936	0	0	0
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Gasoline	73861.92	2697682.938	2697683	0	1100432	0	0.402293	0.002843	0.744675	1.149811	0.003329	0	0.000254	0.003583	0.005947	0.094712	0.104242	0.003621	0	0.000276	0.003897	0.023789	0.270605	0.298292	2463.037	11.13821	30.60697
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Diesel	154585.8	5988412.496	5988412	0	1944495	0	7.923938	0.319705	0	8.243642	0.192678	0.004539	0	0.197216	0.019803	0.210245	0.427265	0.20139	0.004744	0	0.206134	0.079213	0.6007	0.886046	4503.23	35.63004	0
Statewide Totals	2026	LHDT2	Aggregate	Aggregate	Electricity	2220.937	140970.4011	0	140970.4	29461.59	84383.84	0	0	0	0	0	0	0	0	0.000311	0.002475	0.002785	0	0	0	0	0.001243	0.00707	0.008314	0	0	0
Statewide Totals	2026	MCY	Aggregate	Aggregate	Gasoline	700014.8	4099379.526	4099380	0	1400030	0	2.609878	0	0.208997	2.818874	0.008842	0	0.005001	0.013843	0.004519	0.018979	0.037341	0.009456	0	0.005323	0.014779	0.018075	0.054226	0.08708	870.9426	0	74.89659
Statewide Totals	2026	MDV	Aggregate	Aggregate	Gasoline	4204929	156640983.8	1.57E+08	0	19259444	0	15.82118	0	8.393793	24.21497	0.216555	0	0.041355	0.257909	0.345334	0.554358	1.157602	0.235522	0	0.044977	0.280499	1.381338	1.583881	3.245718	70968.41	0	2187.485
Statewide Totals	2026	MDV	Aggregate	Aggregate	Diesel	65283.43	2448103.62	2448104	0	301015.7	0	0.211938	0	0	0.211938	0.017263	0	0	0.017263	0.005397	0.008706	0.031365	0.018043	0	0	0.018043	0.021589	0.024873	0.064505	1112.453	0	0
Statewide Totals	2026	MDV	Aggregate	Aggregate	Electricity	64706.91	2287087.487	0	2287087	327700.7	883004.5	0	0	0	0	0	0	0	0	0.005042	0.003851	0.008893	0	0	0	0	0.020169	0.011003	0.031172	0	0	0
Statewide Totals	2026	MDV	Aggregate	Aggregate	Plug-in Hyb	42277.36	1931382.074	875768.6	1055613	174816.9	318826.7	0.006393	0	0.021851	0.028243	0.001093	0	0.000337	0.00143	0.004258	0.002958	0.008646	0.001189	0	0.000366	0.001555	0.017032	0.008452	0.027039	276.9496	0	17.3453
Statewide Totals	2026	MH	Aggregate	Aggregate	Gasoline	76490.35	705607.6077	705607.6	0	7652.094	0	0.272111	0	0.003689	0.2758	0.00103	0	3.01E-06	0.001033	0.002333	0.011993	0.015359	0.00112	0	3.27E-06	0.001123	0.009334	0.034266	0.044723	1446.518	0	0.263053
Statewide Totals	2026	MH	Aggregate	Aggregate	Diesel	35579.5	331268.2017	331268.2	0	3557.95	0	1.490545	0	0	1.490545	0.037953	0	0	0.037953	0.001461	0.005611	0.045024	0.039669	0	0	0.039669	0.005843	0.016032	0.061543	381.8867	0	0
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Gasoline	46911.62	2534575.211	2534575	0	938607.6	0	0.949769	0.004424	0.417374	1.371567	0.003028	0	0.000482	0.003509	0.008382	0.04297	0.054861	0.003293	0	0.000524	0.003817	0.033527	0.12277	0.160114	4666.192	27.55791	46.42256
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Diesel	288372.5	12351100.12	12351100	0	3451074	0	12.831	3.800149	6.194135	22.82528	0.132621	0.005893	0	0.138515	0.040844	0.210893	0.390252	0.138618	0.00616	0	0.144778	0.163377	0.602552	0.910707	15004.61	700.4243	0
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Electricity	4528.83	248001.2211	0	248001.2	58038.19	266048.2	0	0	0	0	0	0	0	0	0.00082	0.002116	0.002936	0	0	0	0	0.00328	0.006046	0.009326	0	0	0
Statewide Totals	2026	MHDT	Aggregate	Aggregate	Natural Ga:	3462.308	160559.3354	160559.3	0	30435.34	0	0.017756	0.025231	0	0.042987	0.000193	7.44E-05	0	0.000268	0.000531	0.00275	0.003549	0.00021	8.1E-05	0	0.000291	0.002124	0.007858	0.010273	159.6005	20.87482	0
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Gasoline	12243.46	532273.1222	532273.1	0	244967.1	0	0.278129	0.00085	0.108951	0.38793	0.000544	0	7.76E-05	0.000622	0.00176	0.009097	0.011479	0.000592	0	8.44E-05	0.000676	0.007041	0.02599	0.033707	998.6248	5.084963	8.461861
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Electricity	103.3381	8689.381708	0	8689.382	2067.59	9399.347	0	0	0	0	0	0	0	0	2.87E-05	7.41E-05	0.000103	0	0	0	0	0.000115	0.000212	0.000327	0	0	0
Statewide Totals	2026	OBUS	Aggregate	Aggregate	Natural Ga:	788.3341	45677.11762	45677.12	0	7016.173	0	0.007187	0.00134	0	0.008527	4.58E-05	3.3E-06	0	4.91E-05	0.000151	0.000784	0.000984	4.98E-05	3.59E-06	0	5.34E-05	0.000604	0.002241	0.002898	45.64694	1.049912	0
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Gasoline	6624.107	351597.208	351597.2	0	26496.43	0	0.219923	0.006575	0.021931	0.248428	0.000382	0	1.58E-05	0.000398	0.000775	0.006207	0.00738	0.000415	0	1.72E-05	0.000432	0.003101	0.017735	0.021268	329.1096	18.94402	1.681561
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Diesel	19101.17	416834.1622	416834.2	0	276584.9	0	2.121891	0.499823	0.1382	2.759913	0.011292	0.000477	0	0.011769	0.001378	0.007299	0.020446	0.011803	0.000498	0	0.012301	0.005514	0.020854	0.038668	534.3531	47.17943	0
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Electricity	256.4759	7814.459589	0	7814.46	3196.046	8550.601	0	0	0	0	0	0	0	0	2.31E-05	6.89E-05	9.19E-05	0	0	0	0	9.23E-05	0.000197	0.000289	0	0	0
Statewide Totals	2026	SBUS	Aggregate	Aggregate	Natural Ga:	4640.348	113342.526	113342.5	0	67192.24	0	0.083683	0.026597	0	0.110281	0.000493	6.68E-05	0	0.000559	0.000375	0.002028	0.002962	0.000536	7.26E-05	0	0.000608	0.001499	0.005795	0.007902	194.4774	21.40025	0
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Gasoline	2866.615	245862.3347	245862.3	0	11466.46	0	0.032883	0	0.008615	0.041498	0.000343	0	6.95E-06	0.00035	0.000662	0.00943	0.010442	0.000373	0	7.56E-06	0.000381	0.002648	0.026942	0.029971	353.9684	0	0.970275
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Diesel	3446.208	345145.9405	345145.9	0	13784.83	0	0.143217	0	0	0.143217	0.002519	0	0	0.002519	0.002971	0.014625	0.020115	0.002633	0	0	0.002633	0.011884	0.041786	0.056303	465.4938	0	0
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Electricity	442.4493	40601.23967	0	40601.24	1769.797	78601.1	0	0	0	0	0	0	0	0	0.000368	0.000861	0.001229	0	0	0	0	0.001471	0.00246	0.003931	0	0	0
Statewide Totals	2026	UBUS	Aggregate	Aggregate	Natural Ga:	7923.085	917370.5012	917370.5	0	31692.34	0	0.437643	0	0	0.437643	0.000482	0	0	0.000482	0.008249	0.038832	0.047562	0.000503	0	0	0.000503	0.032995	0.110948	0.144446	2107.083	0	0
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Gasoline	90.74515	7752.555127	7752.555	0	1815.629	0	0.040917	0	0.000464	0.04138	1.19E-05	0	1.67E-06	1.36E-05	4.27E-05	0.000269	0.000326	1.3E-05	0	1.81E-06	1.48E-05	0.000171	0.000769	0.000955	17.7424	0	0.108327
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Diesel	330234.7	44752670.6	44752671	0	5376907	0	79.03278	25.82761	16.67923	121.5396	1.32907	0.011571	0	1.34064	0.437893	1.338146	3.11668	1.389164	0.012094	0	1.401258	1.751572	3.823275	6.976105	74279.71	5012.574	0
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Electricity	5656.524	687472.2337	0	687472.2	83337.72	1251949	0	0	0	0	0	0	0	0	0.006618	0.011068	0.017686	0	0	0	0	0.026472	0.031622	0.058094	0	0	0
Statewide Totals	2027	HHDT	Aggregate	Aggregate	Natural Ga:	20221.61	1280254.21	1280254	0	144752.3	0	1.108909	0.206773	0	1.315682	0.002576	0.000439	0	0.003015	0.012701	0.075475	0.091191	0.002802	0.000478	0	0.003279	0.050805	0.215643	0.269727	1747.151	195.0125	0
Statewide Totals	2027	LDA	Aggregate	Aggregate	Gasoline	12713197	497958751.9	4.98E+08	0	58870071	0	18.33474	0	14.56801	32.90275	0.632563	0	0.115863	0.748426	1.097812	1.469654	3.315893	0.68797	0	0.126012	0.813982	4.391248	4.199013	9.404242	147062.3	0	4254.026
Statewide Totals	2027	LDA	Aggregate	Aggregate	Diesel	34811	1027855.35	1027855	0	146035.5	0	0.182651	0	0	0.182651	0.015259	0	0	0.015259	0.002266	0.003083	0.020608	0.015948	0	0	0.015948	0.009064	0.00881	0.033822	266.3242	0	0
Statewide Totals	2027	LDA	Aggregate	Aggregate	Electricity	945896.6	44182412.22	0	44182412	4651606	17058058	0	0	0	0	0	0	0	0	0.097406	0.074611	0.172016	0	0	0	0	0.389622	0.213173	0.602795	0	0	0
Statewide Totals	2027	LDA	Aggregate	Aggregate	Plug-in Hyb	432800	19519039.91	9073044	10445996	1789628	3155002	0.066296	0	0.223765	0.290061	0.011457	0	0.003487	0.014944	0.043032	0.029859	0.087835	0.012461	0	0.003792	0.016253	0.172128	0.085312	0.273693	2869.52	0	122.4309
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Gasoline	1225903	41758052.73	41758053	0	5335952	0	5.910033	0	2.231009	8.141043	0.082123	0	0.015397	0.09752	0.092061	0.151761	0.341342	0.089316	0	0.016746	0.106062	0.368243	0.433603	0.907909	14944.46	0	492.021
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Diesel	249.3117	3462.722922	3462.723	0	693.1231	0	0.005056	0	0	0.005056	0.000803	0	0	0.000803	7.63E-06	1.41E-05	0.000824	0.000839	0	0	0.000839	3.05E-05	4.02E-05	0.00091	1.568068	0	0
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Electricity	5171.971	239464.3737	0	239464.4	25277.92	92453.01	0	0	0	0	0	0	0	0	0.000528	0.000404	0.000932	0	0	0	0	0.002112	0.001154	0.003266	0	0	0
Statewide Totals	2027	LDT1	Aggregate	Aggregate	Plug-in Hyb	3840.471	189145.5041	79691.28	109454.2	15880.35	33058.44	0.000584	0	0.001983	0.002567	6.97E-05	0	2.14E-05	9.11E-05	0.000417	0.000292	0.0008	7.58E-05	0	2.33E-05	9.9E-05	0.001668	0.000835	0.002602	25.30737	0	1.15217
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Gasoline	6533170	258779163.7	2.59E+08	0	30476806	0	15.89455	0	9.614331	25.50888	0.339493	0	0.060329	0.399822	0.570511	0.901622	1.871955	0.369229	0	0.065613	0.434843	2.282043	2.576064	5.29295	93278.55	0	2721.177
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Diesel	23723.73	964704.5217	964704.5	0	112405.8	0	0.042857	0	0	0.042857	0.004789	0	0	0.004789	0.002127	0.003345	0.010261	0.005006	0	0	0.005006	0.008507	0.009556	0.023069	318.7653	0	0
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Electricity	73247.28	2552568.148	0	2552568	369377.4	985502	0	0	0	0	0	0	0	0	0.005627	0.0043	0.009928	0	0	0	0	0.02251	0.012287	0.034797	0	0	0
Statewide Totals	2027	LDT2	Aggregate	Aggregate	Plug-in Hyb	75958.15	3551639.766	1563720	1987920	314086.9	600411	0.011444	0	0.03926	0.050703	0.001608	0	0.000497	0.002106	0.00783	0.005465	0.0154	0.001749	0	0.000541	0.00229	0.03132	0.015614	0.049224	495.6652	0	24.869
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Gasoline	515800.2	19563402.48	19563402	0	7684654	0	3.134463	0.019443	5.001477	8.155383	0.02863	0	0.002339	0.030968	0.04313	0.588723	0.662822	0.031138	0	0.002543	0.033681	0.17252	1.682067	1.888268	15632.95	66.52153	217.2596
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Diesel	377439.8	14165043.26	14165043	0	4747717	0	23.53545	0.789661	0	24.32511	0.504736	0.010979	0	0.515715	0.046843	0.42627	0.988828	0.527558	0.011475	0	0.539033	0.187371	1.217914	1.944319	8903.921	54.29573	0
Statewide Totals	2027	LHDT1	Aggregate	Aggregate	Electricity	14810.89	959412.2452	0	959412.2	207222.3	579422.5	0	0	0	0	0	0	0	0	0.002115	0.014436	0.016551	0	0	0	0	0.008461	0.041245	0.049706	0	0	0
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Gasoline	72643.67	2645395.809	2645396	0	1082283	0	0.35133	0.002724	0.712334	1.066388	0.003207	0	0.000232	0.003439	0.005832	0.092876	0.102147	0.003488	0	0.000252	0.00374	0.023328	0.265361	0.292429	2378.094	10.88191	29.90726
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Diesel	155656.6	5976084.345	5976084	0	1957964	0	7.3023	0.310124	0	7.612424	0.183412	0.004576	0	0.187988	0.019763	0.209812	0.417563	0.191706	0.004783	0	0.196488	0.07905	0.599463	0.875001	4453.303	35.577	0
Statewide Totals	2027	LHDT2	Aggregate	Aggregate	Electricity	3795.237	234252.3775	0	234252.4	50342.55	140299.6	0	0	0	0	0	0	0	0	0.000516	0.004112	0.004629	0	0	0	0	0.002066	0.011749	0.013815	0	0	0
Statewide Totals	2027	MCY	Aggregate	Aggregate	Gasoline	702186.4	4096806.252	4096806	0	1404373	0	2.554263	0	0.200737	2.755	0.008905	0	0.00496	0.013865	0.004516	0.018967	0.037348	0.009528	0	0.005284	0.014811	0.018064	0.054191	0.087067	868.8633	0	73.55048
Statewide Totals	2027	MDV	Aggregate	Aggregate	Gasoline	4213979	156922734.9	1.57E+08	0	19298599	0	14.08437	0	7.812569	21.89693	0.207117	0	0.039766	0.246882	0.345956	0.555251	1.148089	0.225258	0	0.043249	0.268507	1.383822	1.586433	3.238762	69586.19	0	2140.934
Statewide Totals	2027	MDV	Aggregate	Aggregate	Diesel	64514.98	2389254.994	2389255	0	296435.4	0	0.182564	0	0	0.182564	0.015078	0	0	0.015078	0.005267	0.00854	0.028886	0.01576	0	0	0.01576	0.02107	0.024401	0.06123	1070.402	0	0
Statewide Totals	2027	MDV	Aggregate	Aggregate	Electricity	77879.3	2708503.116	0	2708503	392489.7	1045706	0	0	0	0	0	0	0	0	0.005971	0.004564	0.010536	0	0	0	0	0.023885	0.013041	0.036926	0	0	0
Statewide Totals	2027	MDV	Aggregate	Aggregate	Plug-in Hyb	48332.79	2181542.854	971366.4	1210176	199856.1	365509.4	0.007094	0	0.024982	0.032076	0.001125	0	0.000358	0.001483	0.004809	0.003349	0.009641	0.001223	0	0.000389	0.001612	0.019238	0.009569	0.030419	307.2759	0	19.52153

Statewide Totals	2027	MH	Aggregate	Aggregate	Gasoline	72996.97	678874.0196	678874	0	7302.616	0	0.236951	0	0.003596	0.240547	0.000955	0	2.77E-06	0.000957	0.002245	0.011536	0.014738	0.001038	0	3.01E-06	0.001041	0.00898	0.03296	0.042981	1391.549	0	0.249881
Statewide Totals	2027	MH	Aggregate	Aggregate	Diesel	35422.29	328111.4572	328111.5	0	3542.229	0	1.432763	0	0	1.432763	0.035943	0	0	0.035943	0.001447	0.005556	0.042945	0.037568	0	0	0.037568	0.005787	0.015874	0.059229	378.2132	0	0
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Gasoline	45832.05	2474908.325	2474908	0	917007.7	0	0.807494	0.004232	0.396142	1.207868	0.002963	0	0.00046	0.003423	0.008184	0.04195	0.053557	0.003222	0	0.000501	0.003723	0.032737	0.119856	0.156316	4513.045	26.72012	44.73415
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Diesel	292488.2	12389015.59	12389016	0	3503647	0	11.73918	3.665594	6.250824	21.6556	0.118607	0.004928	0	0.123535	0.04097	0.211494	0.375998	0.12397	0.00515	0	0.129121	0.163879	0.604267	0.897266	14970.87	704.0604	0
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Electricity	7633.639	413802.662	0	413802.7	97714.79	443707.9	0	0	0	0	0	0	0	0	0.001368	0.00353	0.004898	0	0	0	0	0.005474	0.010085	0.015558	0	0	0
Statewide Totals	2027	MHDT	Aggregate	Aggregate	Natural Ga:	3639.664	165510.5422	165510.5	0	31986.09	0	0.017553	0.026476	0	0.044029	0.000203	7.96E-05	0	0.000283	0.000547	0.002835	0.003665	0.000221	8.65E-05	0	0.000307	0.002189	0.008099	0.010596	163.7854	21.96616	0
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Gasoline	11791.83	502807.0467	502807	0	235931	0	0.244744	0.000805	0.105712	0.351261	0.000525	0	7.45E-05	0.0006	0.001663	0.008594	0.010857	0.000571	0	8.11E-05	0.000652	0.006651	0.024555	0.031858	933.624	4.871625	8.097241
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Diesel	10737.33	733883.147	733883.1	0	127268.7	0	1.264064	0.134823	0.222587	1.621473	0.025586	0.000162	0	0.025749	0.002427	0.016735	0.044911	0.026743	0.00017	0	0.026913	0.009708	0.047815	0.084435	1078.465	30.46001	0
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Electricity	164.4868	13671.5093	0	13671.51	3291.051	14784.02	0	0	0	0	0	0	0	0	4.52E-05	0.000117	0.000162	0	0	0	0	0.000181	0.000333	0.000514	0	0	0
Statewide Totals	2027	OBUS	Aggregate	Aggregate	Natural Ga:	818.1196	46533.74809	46533.75	0	7281.265	0	0.006835	0.001385	0	0.008221	4.94E-05	3.54E-06	0	5.29E-05	0.000154	0.000799	0.001006	5.37E-05	3.85E-06	0	5.76E-05	0.000616	0.002283	0.002956	45.97754	1.086016	0
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Gasoline	6681.902	354067.488	354067.5	0	26727.61	0	0.206589	0.006557	0.022462	0.235608	0.000374	0	1.59E-05	0.000389	0.000781	0.006252	0.007422	0.000406	0	1.73E-05	0.000424	0.003122	0.017862	0.021408	330.2785	19.04825	1.67856
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Diesel	18906.69	411108.1615	411108.2	0	273768.9	0	1.951756	0.476048	0.14211	2.569914	0.010477	0.000432	0	0.010909	0.00136	0.007197	0.019466	0.010951	0.000452	0	0.011402	0.005438	0.020564	0.037404	524.5396	46.46088	0
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Electricity	417.2776	12701.72836	0	12701.73	5207.624	13897.32	0	0	0	0	0	0	0	0	3.75E-05	0.000112	0.000149	0	0	0	0	0.00015	0.00032	0.00047	0	0	0
Statewide Totals	2027	SBUS	Aggregate	Aggregate	Natural Ga:	4789.579	115717.9033	115717.9	0	69353.1	0	0.082944	0.027413	0	0.110357	0.000503	6.99E-05	0	0.000573	0.000383	0.002071	0.003026	0.000547	7.6E-05	0	0.000623	0.001531	0.005916	0.00807	197.4059	22.10368	0
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Gasoline	2863.033	245427.9607	245428	0	11452.13	0	0.0327	0	0.008393	0.041093	0.000348	0	6.97E-06	0.000355	0.00066	0.009405	0.01042	0.000379	0	7.58E-06	0.000386	0.002638	0.026871	0.029896	348.7	0	0.96137
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Diesel	3401.46	338009.1028	338009.1	0	13605.84	0	0.138079	0	0	0.138079	0.002469	0	0	0.002469	0.002898	0.014321	0.019688	0.002581	0	0	0.002581	0.011592	0.040916	0.055089	451.8876	0	0
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Electricity	724.8727	71813.20029	0	71813.2	2899.491	138292.3	0	0	0	0	0	0	0	0	0.00064	0.001523	0.002163	0	0	0	0	0.00256	0.004352	0.006913	0	0	0
Statewide Totals	2027	UBUS	Aggregate	Aggregate	Natural Ga:	7793.258	904719.7208	904719.7	0	31173.03	0	0.401971	0	0	0.401971	0.000484	0	0	0.000484	0.00814	0.038295	0.04692	0.000506	0	0	0.000506	0.03256	0.109416	0.142482	2058.961	0	0
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Gasoline	81.58781	7435.951794	7435.952	0	1632.409	0	0.036101	0	0.000361	0.036462	1.08E-05	0	1.37E-06	1.22E-05	4.1E-05	0.000256	0.00031	1.18E-05	0	1.49E-06	1.33E-05	0.000164	0.000732	0.00091	16.66475	0	0.096205
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Diesel	335719.6	45293436.24	45293436	0	5470645	0	77.73576	25.75718	16.85065	120.3436	1.340034	0.011432	0	1.351465	0.443292	1.364071	3.158828	1.400624	0.011949	0	1.412573	1.773166	3.897345	7.083084	73811.74	5003.462	0
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Electricity	8585.989	1041454.682	0	1041455	125097.1	1896888	0	0	0	0	0	0	0	0	0.010015	0.016963	0.026978	0	0	0	0	0.040062	0.048464	0.088526	0	0	0
Statewide Totals	2028	HHDT	Aggregate	Aggregate	Natural Ga:	20748.79	1301536.164	1301536	0	148463.9	0	1.036023	0.207267	0	1.243291	0.002523	0.000461	0	0.002984	0.012912	0.077007	0.092903	0.002744	0.000502	0	0.003246	0.051649	0.220019	0.274913	1758.122	199.2652	0
Statewide Totals	2028	LDA	Aggregate	Aggregate	Gasoline	12663213	495970018.1	4.96E+08	0	58628536	0	17.0908	0	14.01274	31.10354	0.595273	0	0.110417	0.70569	1.093427	1.464254	3.263372	0.647413	0	0.120089	0.767502	4.37371	4.183584	9.324796	143721.3	0	4150.775
Statewide Totals	2028	LDA	Aggregate	Aggregate	Diesel	30909.52	919794.8998	919794.9	0	130486	0	0.139498	0	0	0.139498	0.01122	0	0	0.01122	0.002028	0.002765	0.016013	0.011728	0	0	0.011728	0.008111	0.0079	0.027739	234.8271	0	0
Statewide Totals	2028	LDA	Aggregate	Aggregate	Electricity	1019962	47044067.35	0	47044067	4995227	18162893	0	0	0	0	0	0	0	0	0.103714	0.079478	0.183192	0	0	0	0	0.414858	0.227079	0.641937	0	0	0
Statewide Totals	2028	LDA	Aggregate	Aggregate	Plug-in Hyb	454275.4	20224042.29	9255466	10968576	1878429	3312837	0.067633	0	0.234896	0.302529	0.010972	0	0.003459	0.014431	0.044586	0.031012	0.090029	0.011933	0	0.003762	0.015695	0.178346	0.088606	0.282646	2926.933	0	127.0532
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Gasoline	1200266	40926999.05	40926999	0	5226264	0	5.220971	0	2.065078	7.286049	0.075081	0	0.014216	0.089296	0.090229	0.148748	0.328273	0.081657	0	0.015461	0.097118	0.360915	0.424994	0.883027	14393.62	0	471.3117
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Diesel	149.6646	2157.743455	2157.743	0	418.1692	0	0.002849	0	0	0.002849	0.000447	0	0	0.000447	4.76E-06	8.65E-06	0.00046	0.000467	0	0	0.000467	1.9E-05	2.47E-05	0.000511	0.943798	0	0
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Electricity	6281.01	294143.6824	0	294143.7	30836.98	113563.7	0	0	0	0	0	0	0	0	0.000648	0.000496	0.001145	0	0	0	0	0.002594	0.001418	0.004012	0	0	0
Statewide Totals	2028	LDT1	Aggregate	Aggregate	Plug-in Hyb	4797.044	233423.1903	97529.98	135893.2	19835.78	41043.8	0.000714	0	0.002477	0.003192	7.76E-05	0	2.44E-05	0.000102	0.000515	0.000361	0.000978	8.43E-05	0	2.66E-05	0.000111	0.002058	0.001032	0.003201	30.96923	0	1.427713
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Gasoline	6642219	262284437.4	2.62E+08	0	30959234	0	14.79559	0	9.338998	24.13458	0.324662	0	0.058466	0.383128	0.578239	0.915358	1.876724	0.353099	0	0.063587	0.416686	2.312954	2.615308	5.344949	92651.7	0	2704.414
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Diesel	24274.6	980543.7791	980543.8	0	114759.2	0	0.040807	0	0	0.040807	0.004677	0	0	0.004677	0.002162	0.003409	0.010247	0.004888	0	0	0.004888	0.008647	0.00974	0.023275	318.2435	0	0
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Electricity	87629.24	3010196.778	0	3010197	440019.5	1162184	0	0	0	0	0	0	0	0	0.006636	0.005074	0.01171	0	0	0	0	0.026545	0.014498	0.041043	0	0	0
Statewide Totals	2028	LDT2	Aggregate	Aggregate	Plug-in Hyb	85871.42	3954339.217	1720343	2233997	355078.3	674733.6	0.012591	0	0.044387	0.056978	0.001642	0	0.000525	0.002167	0.008718	0.006097	0.016981	0.001786	0	0.000571	0.002356	0.034871	0.017419	0.054647	545.2458	0	27.82988
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Gasoline	509894.4	19298233.57	19298234	0	7596668	0	2.791159	0.018751	4.788804	7.598713	0.027844	0	0.002189	0.030034	0.042545	0.580744	0.653323	0.030283	0	0.002381	0.032664	0.170181	1.659268	1.862113	15187.62	65.28776	214.1663
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Diesel	372695.3	13916085.2	13916085	0	4688038	0	21.03211	0.751878	0	21.78399	0.467553	0.010812	0	0.478365	0.04602	0.418778	0.943163	0.488694	0.011301	0	0.499994	0.184078	1.196509	1.880582	8703.311	53.15976	0
Statewide Totals	2028	LHDT1	Aggregate	Aggregate	Electricity	23209.26	1464237.325	0	1464237	324762.2	884589.9	0	0	0	0	0	0	0	0	0.003228	0.022032	0.02526	0	0	0	0	0.012912	0.062948	0.07586	0	0	0
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Gasoline	71340.36	2586772.614	2586773	0	1062865	0	0.305951	0.002606	0.680461	0.989018	0.003092	0	0.000212	0.003304	0.005703	0.090818	0.099825	0.003362	0	0.000231	0.003593	0.022811	0.25948	0.285885	2293.308	10.61859	29.19169
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Diesel	156305.8	5939453.553	5939454	0	1966130	0	6.740736	0.300475	0	7.041212	0.174889	0.0046	0	0.179489	0.019641	0.208526	0.407656	0.182796	0.004808	0	0.187605	0.078566	0.595789	0.861959	4393.726	35.44617	0
Statewide Totals	2028	LHDT2	Aggregate	Aggregate	Electricity	5948.165	357828.5371	0	357828.5	78897.01	214340.8	0	0	0	0	0	0	0	0	0.000789	0.006281	0.00707	0	0	0	0	0.003156	0.017947	0.021102	0	0	0
Statewide Totals	2028	MCY	Aggregate	Aggregate	Gasoline	704783.1	4094242.364	4094242	0	1409566	0	2.503096	0	0.193243	2.696339	0.008957	0	0.004942	0.013898	0.004513	0.018955	0.037367	0.009587	0	0.005268	0.014855	0.018053	0.054158	0.087065	866.3358	0	72.36591
Statewide Totals	2028	MDV	Aggregate	Aggregate	Gasoline	4224143	157163701.6	1.57E+08	0	19342263	0	12.63228	0	7.33375	19.96603	0.196144	0	0.038021	0.234166	0.346487	0.556796	1.137449	0.213325	0	0.041352	0.254677	1.385947	1.590846	3.23147	68257.65	0	2098.466
Statewide Totals	2028	MDV	Aggregate	Aggregate	Diesel	63525.2	2327128.372	2327128	0	291046.5	0	0.155959	0	0	0.155959	0.012977	0	0	0.012977	0.00513	0.008361	0.026468	0.013563	0	0	0.013563	0.020522	0.023888	0.057973	1026.533	0	0
Statewide Totals	2028	MDV	Aggregate	Aggregate	Electricity	91567.26	3134876.304	0	3134876	459311.1	1210321	0	0	0	0	0	0	0	0	0.006911	0.005287	0.012198	0	0	0	0	0.027645	0.015104	0.042749	0	0	0
Statewide Totals	2028	MDV	Aggregate	Aggregate	Plug-in Hyb	54425.2	2427080.433	1064794	1362287	225048.2	411451.2	0.007778	0	0.028132	0.035911	0.001129	0	0.000371	0.0015	0.005351	0.003735	0.010586	0.001228	0	0.000404	0.001632	0.021403	0.010672	0.033707	336.8734	0	21.69844
Statewide Totals	2028	MH	Aggregate	Aggregate	Gasoline	69735.15	654125.1704	654125.2	0	6976.305	0	0.206225	0	0.003506	0.209731	0.00089	0	2.56E-06	0.000892	0.002163	0.011114	0.01417	0.000968	0	2.78E-06	0.00097	0.008653	0.031755	0.041378	1340.187	0	0.23771
Statewide Totals	2028	MH	Aggregate	Aggregate	Diesel	35217.89	324772.05	324772	0	3521.789	0	1.376392	0	0	1.376392	0.033929	0	0	0.033929	0.001432	0.005499	0.04086	0.035464	0	0	0.035464	0.005728	0.015711	0.056902	374.4093	0	0
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Gasoline	44664.81	2404708.227	2404708	0	893653.5	0	0.683015	0.004028	0.371447	1.05849	0.002889	0	0.00044	0.003329	0.007952	0.040762	0.052044	0.003142	0	0.000479	0.003621	0.031809	0.116464	0.151894	4343.983	25.84585	43.01046
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Diesel	295113.6	12360647.52	12360648	0	3537773	0	10.70888	3.522881	6.199732	20.43149	0.10617	0.00412	0	0.11029	0.040876	0.211001	0.362167	0.11097	0.004307	0	0.115277	0.163503	0.60286	0.88164	14849.06	704.2886	0
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Electricity	12311.06	664300.4021	0	664300.4	157511.8	711855.6	0	0	0	0	0	0	0	0	0.002197	0.005666	0.007863	0	0	0	0	0.008787	0.01619	0.024977	0	0	0
Statewide Totals	2028	MHDT	Aggregate	Aggregate	Natural Ga:	3793.928	169239.7835	169239.8	0	33370.91	0	0.017297	0.027539	0	0.044836	0.000211	8.41E-05	0	0.000295	0.00056	0.002899	0.003754	0.00023	9.15E-05	0	0.000321	0.002239	0.008282	0.010842	166.9634	22.90807	0
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Gasoline	11380.87	474819.8527	474819.9	0	227708.3	0	0.216008	0.000763	0.100814	0.317585	0.000507	0	7.23E-05	0.000579	0.00157	0.008115	0.010264	0.000551	0	7.86E-05	0.00063	0.006281	0.023185	0.030096	873.522	4.678898	7.764235
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Diesel	10984.62	737222.4761	737222.5	0	130504.8	0	1.236014	0.133439	0.22285	1.592302	0.024633	0.000155	0	0.024788	0.002438	0.016891	0.044118	0.025747	0.000162	0	0.025909	0.009752	0.048261	0.083922	1070.905	31.03065	0
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Electricity	256.962	21176.59316	0	21176.59	5141.296	22901	0	0	0	0	0	0	0	0	7E-05	0.000181	0.000251	0	0	0	0	0.00028	0.000516	0.000796	0	0	0
Statewide Totals	2028	OBUS	Aggregate	Aggregate	Natural Ga:	843.5694	47204.16332	47204.16	0	7507.767	0	0.006516	0.001424	0	0.00794	5.22E-05	3.75E-06	0	5.6E-05	0.000156	0.000811	0.001023	5.68E-05	4.08E-06	0	6.09E-05	0.000624	0.002316	0.003001	46.09043	1.116147	0
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Gasoline	6726.772	355787.2368	355787.2	0	26907.09	0	0.195341	0.006517	0.022764	0.224622	0.000368	0	1.6E-05	0.000384	0.000784	0.006282	0.00745	0.0004	0	1.74E-05	0.000417	0.003138	0.01795	0.021505	330.8378	19.12039	1.675868
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Diesel	18640.9	404000.4482	404000.4	0	269920.2	0	1.776004	0.449384	0.144208	2.369596	0.009651	0.000387	0	0.010039	0.001336	0.007072	0.018446	0.010088	0.000405	0	0.010493	0.005344	0.020205	0.036041	513.0342	45.55118	0
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Electricity	660.6132	20180.34536	0	20180.35	8253.666	22075.89	0	0	0	0	0	0	0	0	5.97E-05	0.000178	0.000238	0	0	0	0	0.000239	0.000508	0.000747	0	0	0
Statewide Totals	2028	SBUS	Aggregate	Aggregate	Natural Ga:	4926.531	117659.6753	117659.7	0	71336.17	0	0.082063	0.028161	0	0.110225	0.000511	7.27E-05	0	0.000584	0.000389	0.002105	0.003079	0.000556	7.91E-05	0	0.000635	0.001556	0.006016	0.008207	199.6693	22.74946	0
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Gasoline	2840.962	243018.5177	243018.5	0	11363.85	0	0.032106	0	0.008186	0.040292	0.000346	0	6.86E-06	0.000352	0.000651	0.009296	0.0103	0.000376	0	7.46E-06	0.000383	0.002603	0.026561	0.029547	340.8351	0	0.943495
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Diesel	3218.207	319778.4739	319778.5	0	12872.83	0	0.129265	0	0	0.129265	0.002324	0	0	0.002324	0.002719	0.013546	0.018589	0.002429	0	0	0.002429	0.010875	0.038703	0.052007	420.7743	0	0
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Electricity	1213.031	130609.1255	0	130609.1	4852.125	250072	0	0	0	0	0	0	0	0	0.001159	0.002771	0.00393	0	0	0	0	0.004635	0.007918	0.012553	0	0	0
Statewide Totals	2028	UBUS	Aggregate	Aggregate	Natural Ga:	7614.639	877549.8095	877549.8	0	30458.56	0	0.34094	0	0	0.34094	0.000461	0	0	0.000461	0.007898	0.037142	0.045501	0.000482	0	0	0.000482	0.031592	0.10612	0.138195	1969.821	0	0
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Gasoline	73.16594	7135.484472	7135.484	0	1463.904	0	0.030673	0	0.00028	0.030954	9.58E-06	0	1.03E-06	1.06E-05	3.93E-05	0.000244	0.000294	1.04E-05	0	1.12E-06	1.15E-05	0.000157	0.000698	0.000867	15.64751	0	0.084256
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Diesel	340009.8	45771754.55	45771755	0	5547523	0	76.5296	25.67652	16.92249	119.1286	1.349747	0.011257	0	1.361004	0.448105	1.388075	3.197184	1.410777	0.011766	0	1.422542	1.792419	3.965928	7.18089	73280.6	4985.457	0
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Electricity	12304.73	1483236.284	0	1483236	176952.2	2702040	0	0	0	0	0	0	0	0	0.014248	0.024359	0.038607	0	0	0	0	0.056993	0.069596	0.12659	0	0	0
Statewide Totals	2029	HHDT	Aggregate	Aggregate	Natural Ga:	21166.62	1317430.381	1317430	0	151532.3	0	0.963975	0.207095	0	1.171071	0.002473	0.000481	0	0.002955	0.01307	0.078141	0.094166	0.00269	0.000524	0	0.003213	0.05228	0.223261	0.278754	1762.595	202.6013	0
Statewide Totals	2029	LDA	Aggregate	Aggregate	Gasoline	12617064	494219801.3	4.94E+08	0	58412991	0	16.05302	0	13.52987	29.58289	0.559049	0	0.104901	0.663951	1.089569	1.458011	3.21153	0.608017	0	0.11409	0.722107	4.358276	4.165745	9.246128	140721.1	0	4055.979
Statewide Totals	2029	LDA	Aggregate	Aggregate	Diesel	27398.56	821290.7172	821290.7	0	116339.6	0	0.107469	0	0	0.107469	0.008354	0	0	0.008354	0.001811	0.00247	0.012635	0.008732	0	0	0.008732	0.007243	0.007058	0.023033	206.7634	0	0
Statewide Totals	2029	LDA	Aggregate	Aggregate	Electricity	1092504	49787926.28	0	49787926	5329746	19222249	0	0	0	0	0	0	0	0	0.109764	0.084146	0.193909	0	0	0	0	0.439054	0.240417	0.679471	0	0	0
Statewide Totals	2029	LDA	Aggregate	Aggregate	Plug-in Hyb	473583.2	20822316.41	9396335	11425981	1958267	3450987	0.068652	0	0.244906	0.313558	0.010462	0	0.003413	0.013875	0.045905	0.031988	0.091768	0.011378	0	0.003712	0.01509	0.183621	0.091393	0.290105	2970.74	0	131.0836
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Gasoline	1175801	40158563.69	40158564	0	5124068	0	4.582801	0	1.912849	6.495651	0.06844	0	0.01309	0.08153	0.088535	0.145807	0.315871	0.074434	0	0.014237	0.088671	0.354138	0.416591	0.8594	13886.88	0	451.9717
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Diesel	78.58128	1212.976454	1212.976	0	224.4894	0	0.001439	0	0	0.001439	0.000225	0	0	0.000225	2.67E-06	4.75E-06	0.000232	0.000235	0	0	0.000235	1.07E-05	1.36E-05	0.000259	0.527811	0	0
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Electricity	7578.589	357151.0954	0	357151.1	37314.27	137889.8	0	0	0	0	0	0	0	0	0.000787	0.000602	0.00139	0	0	0	0	0.00315	0.001721	0.004871	0	0	0
Statewide Totals	2029	LDT1	Aggregate	Aggregate	Plug-in Hyb	5865.768	282135.1293	117169.7	164965.4	24254.95	49824.47	0.000858	0	0.00303	0.003888	8.61E-05	0	2.78E-05	0.000114	0.000622	0.000437	0.001173	9.36E-05	0	3.02E-05	0.000124	0.002488	0.001248	0.00386	37.1965	0	1.735486
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Gasoline	6745634	265424505.8	2.65E+08	0	31410486	0	13.85046	0	9.113253	22.96371	0.309687	0	0.056477	0.366164	0.585161	0.927027	1.878353	0.336813	0	0.061424	0.398237	2.340645	2.648649	5.387531	92058.56	0	2688.987
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Diesel	24780.04	994476.7646	994476.8	0	116873.7	0	0.039631	0	0	0.039631	0.004662	0	0	0.004662	0.002192	0.003463	0.010317	0.004873	0	0	0.004873	0.00877	0.009893	0.023535	317.4943	0	0

Statewide Totals	2029	LDT2	Aggregate	Aggregate	Electricity	103169.3	3495577.831	0	3495578	515940.2	1349582	0	0	0	0	0	0	0	0.007706	0.005895	0.013602	0	0	0	0	0.030826	0.016844	0.047669	0	0	0
Statewide Totals	2029	LDT2	Aggregate	Aggregate	Plug-in Hyb	96050.93	4359300.25	1877627	2481673	397170.6	749539.1	0.01374	0	0.049653	0.063392	0.001673	0	0.000551	0.002224	0.009611	0.006731	0.018565	0.001819	0	0.000599	0.002418	0.038442	0.019231	0.060092	594.9412	0	30.86258
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Gasoline	502634.5	18965743.04	18965743	0	7488506	0	2.454885	0.018044	4.581841	7.05477	0.026861	0	0.002015	0.028876	0.041812	0.570738	0.641426	0.029214	0	0.002191	0.031405	0.167249	1.63068	1.829335	14719.43	63.91338	210.0298
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Diesel	367488	13636000.13	13636000	0	4622537	0	18.81415	0.71523	0	19.52938	0.432427	0.010627	0	0.443054	0.045093	0.410349	0.898497	0.45198	0.011107	0	0.463087	0.180373	1.172427	1.815888	8488.656	51.99211	0
Statewide Totals	2029	LHDT1	Aggregate	Aggregate	Electricity	33861.75	2082554.057	0	2082554	473857.9	1258533	0	0	0	0	0	0	0	0	0.004591	0.031335	0.035926	0	0	0	0	0.018365	0.089529	0.107894	0	0	0
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Gasoline	69930.83	2522912.716	2522913	0	1041865	0	0.266376	0.00249	0.649175	0.918041	0.002973	0	0.000193	0.003166	0.005562	0.088576	0.097304	0.003233	0	0.00021	0.003443	0.022248	0.253074	0.278766	2208.093	10.34489	28.4447
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Diesel	156496.5	5880464.262	5880464	0	1968529	0	6.236057	0.29072	0	6.526777	0.166709	0.004607	0	0.171316	0.019446	0.206455	0.397217	0.174247	0.004815	0	0.179062	0.077785	0.589871	0.846718	4320.995	35.23155	0
Statewide Totals	2029	LHDT2	Aggregate	Aggregate	Electricity	8679.131	509360.7544	0	509360.8	115111.3	305147	0	0	0	0	0	0	0	0	0.001123	0.008941	0.010064	0	0	0	0	0.004492	0.025547	0.030039	0	0	0
Statewide Totals	2029	MCY	Aggregate	Aggregate	Gasoline	707626.6	4092316.055	4092316	0	1415253	0	2.4573	0	0.186346	2.643645	0.009009	0	0.004934	0.013943	0.004511	0.018946	0.037401	0.009646	0	0.005264	0.01491	0.018044	0.054132	0.087086	864.2333	0	71.30333
Statewide Totals	2029	MDV	Aggregate	Aggregate	Gasoline	4235386	157396042.1	1.57E+08	0	19390458	0	11.40826	0	6.945018	18.35328	0.185599	0	0.036338	0.221936	0.346999	0.557815	1.126751	0.201855	0	0.039521	0.241376	1.387996	1.593758	3.223131	67053.63	0	2059.926
Statewide Totals	2029	MDV	Aggregate	Aggregate	Diesel	62524.11	2267646.667	2267647	0	285658.1	0	0.133705	0	0	0.133705	0.01127	0	0	0.01127	0.004999	0.008171	0.02444	0.01178	0	0	0.01178	0.019997	0.023345	0.055122	985.3252	0	0
Statewide Totals	2029	MDV	Aggregate	Aggregate	Electricity	105688.9	3563579.956	0	3563580	527741.7	1375836	0	0	0	0	0	0	0	0	0.007856	0.006013	0.01387	0	0	0	0	0.031425	0.017181	0.048606	0	0	0
Statewide Totals	2029	MDV	Aggregate	Aggregate	Plug-in Hyb	60634.41	2671027.793	1157868	1513160	250723.3	457019.5	0.008458	0	0.031344	0.039802	0.001133	0	0.000384	0.001517	0.005889	0.004118	0.011523	0.001232	0	0.000418	0.00165	0.023554	0.011765	0.036969	366.2931	0	23.91791
Statewide Totals	2029	MH	Aggregate	Aggregate	Gasoline	66636.52	631082.1512	631082.2	0	6666.318	0	0.176564	0	0.003422	0.179986	0.000827	0	2.35E-06	0.000829	0.002087	0.010722	0.013638	0.000899	0	2.56E-06	0.000902	0.008348	0.030634	0.039883	1292.345	0	0.226217
Statewide Totals	2029	MH	Aggregate	Aggregate	Diesel	35012.64	321554.9745	321555	0	3501.264	0	1.322035	0	0	1.322035	0.031995	0	0	0.031995	0.001418	0.005444	0.038856	0.033442	0	0	0.033442	0.005671	0.015553	0.054666	370.7495	0	0
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Gasoline	43416.29	2324785.851	2324786	0	868673.1	0	0.573875	0.00383	0.349482	0.927187	0.002805	0	0.000422	0.003227	0.007688	0.03941	0.050325	0.00305	0	0.000459	0.003509	0.030752	0.112601	0.146862	4162.342	24.93934	41.26079
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Diesel	295954.7	12259159.84	12259160	0	3549747	0	9.756872	3.378093	6.085065	19.22003	0.095388	0.003444	0	0.098832	0.04054	0.209259	0.348632	0.099701	0.0036	0	0.103301	0.162161	0.597884	0.863346	14640.78	700.5225	0
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Electricity	18734.58	1006224.977	0	1006225	239636.5	1077689	0	0	0	0	0	0	0	0	0.003328	0.008583	0.01191	0	0	0	0	0.01331	0.024523	0.037833	0	0	0
Statewide Totals	2029	MHDT	Aggregate	Aggregate	Natural Ga:	3923.091	171777.7578	171777.8	0	34558.32	0	0.017001	0.028415	0	0.045416	0.000217	8.8E-05	0	0.000305	0.000568	0.002942	0.003816	0.000236	9.57E-05	0	0.000332	0.002272	0.008407	0.011011	169.0049	23.68771	0
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Gasoline	10952.63	446590.3567	446590.4	0	219140.2	0	0.189877	0.000722	0.09646	0.287059	0.000485	0	6.93E-05	0.000554	0.001477	0.007631	0.009662	0.000527	0	7.53E-05	0.000602	0.005907	0.021804	0.028314	814.3304	4.481858	7.418999
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Diesel	11187.32	740664.5337	740664.5	0	133123	0	1.21176	0.13133	0.220419	1.563508	0.023409	0.000144	0	0.023553	0.002449	0.017045	0.043047	0.024467	0.000151	0	0.024618	0.009797	0.048699	0.083114	1063.859	31.43488	0
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Electricity	381.6136	31178.07593	0	31178.08	7635.326	33718.59	0	0	0	0	0	0	0	0.000103	0.000266	0.000369	0	0	0	0	0.000412	0.00076	0.001172	0	0	0
Statewide Totals	2029	OBUS	Aggregate	Aggregate	Natural Ga:	864.2463	47699.28803	47699.29	0	7691.792	0	0.006263	0.001456	0	0.007718	5.44E-05	3.93E-06	0	5.83E-05	0.000158	0.000819	0.001035	5.91E-05	4.27E-06	0	6.34E-05	0.000631	0.00234	0.003034	46.1124	1.140198	0
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Gasoline	6762.889	357014.4854	357014.5	0	27051.56	0	0.188751	0.006479	0.023408	0.218637	0.000366	0	1.61E-05	0.000383	0.000787	0.006304	0.007474	0.000399	0	1.75E-05	0.000416	0.003148	0.018012	0.021577	331.0318	19.17282	1.674949
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Diesel	18299.44	395483.3054	395483.3	0	264975.9	0	1.598596	0.420415	0.145741	2.164752	0.008818	0.000344	0	0.009162	0.001308	0.006921	0.017391	0.009217	0.000359	0	0.009576	0.005231	0.019775	0.034583	499.8445	44.44307	0
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Electricity	991.2162	30372.0923	0	30372.09	12404.84	33218.32	0	0	0	0	0	0	0	0	9E-05	0.000268	0.000358	0	0	0	0	0.00036	0.000765	0.001125	0	0	0
Statewide Totals	2029	SBUS	Aggregate	Aggregate	Natural Ga:	5046.888	119061.2488	119061.2	0	73078.93	0	0.081	0.028818	0	0.109818	0.000518	7.52E-05	0	0.000593	0.000394	0.002131	0.003117	0.000563	8.18E-05	0	0.000645	0.001575	0.006087	0.008307	201.1015	23.31743	0
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Gasoline	2820.77	242499.2759	242499.3	0	11283.08	0	0.032085	0	0.007862	0.039947	0.000345	0	6.76E-06	0.000352	0.000648	0.009268	0.010268	0.000375	0	7.36E-06	0.000383	0.002592	0.02648	0.029455	338.0709	0	0.926767
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Diesel	3040.169	295882.6843	295882.7	0	12160.67	0	0.117756	0	0	0.117756	0.00215	0	0	0.00215	0.002503	0.012531	0.017184	0.002247	0	0	0.002247	0.010013	0.035804	0.048063	384.3089	0	0
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Electricity	1797.605	199181.6846	0	199181.7	7190.421	383105.5	0	0	0	0	0	0	0	0	0.001787	0.004227	0.006013	0	0	0	0	0.007147	0.012076	0.019223	0	0	0
Statewide Totals	2029	UBUS	Aggregate	Aggregate	Natural Ga:	7332.492	844376.8279	844376.8	0	29329.97	0	0.261826	0	0	0.261826	0.000446	0	0	0.000446	0.007576	0.035734	0.043757	0.000466	0	0	0.000466	0.030306	0.102098	0.13287	1859.179	0	0
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Gasoline	65.91173	6853.576406	6853.576	0	1318.762	0	0.024744	0	0.000254	0.024998	8.68E-06	0	7.61E-07	9.44E-06	3.78E-05	0.000234	0.000281	9.44E-06	0	8.27E-07	1.03E-05	0.000151	0.000668	0.000829	14.75661	0	0.074003
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Diesel	343223	46195496.93	46195497	0	5609765	0	75.50232	25.62884	16.97622	118.1074	1.358078	0.011063	0	1.369141	0.452405	1.410341	3.231888	1.419485	0.011563	0	1.431048	1.809621	4.029545	7.270214	72727.33	4962.422	0
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Electricity	16761.12	2006822.496	0	2006822	238383.2	3656458	0	0	0	0	0	0	0	0	0.019263	0.033148	0.052411	0	0	0	0	0.077051	0.094708	0.171759	0	0	0
Statewide Totals	2030	HHDT	Aggregate	Aggregate	Natural Ga:	21451.33	1326552.027	1326552	0	153757.9	0	0.899335	0.206094	0	1.105429	0.002435	0.000499	0	0.002934	0.01316	0.078796	0.09489	0.002648	0.000543	0	0.00319	0.052642	0.225132	0.280965	1759.434	204.8259	0
Statewide Totals	2030	LDA	Aggregate	Aggregate	Gasoline	12575248	492664868.9	4.93E+08	0	58223663	0	15.19966	0	13.10024	28.2999	0.524524	0	0.099422	0.623946	1.086141	1.452719	3.162806	0.570467	0	0.108131	0.678598	4.344563	4.150626	9.173787	138019.4	0	3969.372
Statewide Totals	2030	LDA	Aggregate	Aggregate	Diesel	24084.43	732019.638	732019.6	0	103149.9	0	0.08112	0	0	0.08112	0.00588	0	0	0.00588	0.001614	0.002203	0.009697	0.006146	0	0	0.006146	0.006455	0.006293	0.018895	181.4423	0	0
Statewide Totals	2030	LDA	Aggregate	Aggregate	Electricity	1164061	52461375.57	0	52461376	5658628	20254421	0	0	0	0	0	0	0	0	0.115658	0.088693	0.204351	0	0	0	0	0.46263	0.253409	0.71604	0	0	0
Statewide Totals	2030	LDA	Aggregate	Aggregate	Plug-in Hyb	490725	21318733.91	9499152	11819582	2029148	3569866	0.069392	0	0.253794	0.323186	0.009945	0	0.003354	0.013299	0.047	0.032805	0.093104	0.010816	0	0.003647	0.014464	0.187999	0.09373	0.296192	3002.553	0	134.5342
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Gasoline	1152397	39443600.95	39443601	0	5028510	0	3.990658	0	1.770188	5.760846	0.062172	0	0.012024	0.074195	0.086958	0.143073	0.304226	0.067617	0	0.013077	0.080694	0.347833	0.408779	0.837306	13418.61	0	433.8924
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Diesel	24.68469	511.1963881	511.1964	0	80.22073	0	0.000383	0	0	0.000383	5.73E-05	0	0	5.73E-05	1.13E-06	1.91E-06	6.03E-05	5.98E-05	0	0	5.98E-05	4.51E-06	5.45E-06	6.98E-05	0.216444	0	0
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Electricity	9083.711	429317.9483	0	429317.9	44803.09	165752.2	0	0	0	0	0	0	0	0	0.000946	0.000724	0.001671	0	0	0	0	0.003786	0.002069	0.005855	0	0	0
Statewide Totals	2030	LDT1	Aggregate	Aggregate	Plug-in Hyb	7050.692	335357.9818	138646.1	196711.9	29154.61	59412.86	0.001015	0	0.003642	0.004657	9.56E-05	0	3.14E-05	0.000127	0.000739	0.00052	0.001386	0.000104	0	3.42E-05	0.000138	0.002957	0.001485	0.00458	44.00421	0	2.076708
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Gasoline	6843055	268210579.7	2.68E+08	0	31829792	0	13.04311	0	8.928941	21.97205	0.295105	0	0.054456	0.349561	0.591303	0.93762	1.878484	0.320954	0	0.059226	0.38018	2.365214	2.678913	5.424307	91476.6	0	2674.612
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Diesel	25220.65	1006193.467	1006193	0	118695.5	0	0.038766	0	0	0.038766	0.004662	0	0	0.004662	0.002218	0.003508	0.010388	0.004873	0	0	0.004873	0.008873	0.010022	0.023768	316.295	0	0
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Electricity	119982.6	4012421.603	0	4012422	597712.9	1549126	0	0	0	0	0	0	0	0	0.008846	0.00677	0.015616	0	0	0	0	0.035384	0.019343	0.054726	0	0	0
Statewide Totals	2030	LDT2	Aggregate	Aggregate	Plug-in Hyb	106489.2	4766713.476	2035727	2730986	440332.9	824839.2	0.014894	0	0.055052	0.069946	0.001704	0	0.000577	0.002281	0.010509	0.007369	0.020159	0.001853	0	0.000628	0.002481	0.042035	0.021055	0.065571	644.891	0	33.9638
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Gasoline	494523.9	18579164.67	18579165	0	7367669	0	2.118353	0.017346	4.385872	6.52157	0.025768	0	0.001833	0.027601	0.04096	0.559105	0.627666	0.028025	0	0.001993	0.030019	0.16384	1.597442	1.791301	14238.57	62.46998	205.5371
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Diesel	361601.4	13321740.12	13321740	0	4548490	0	16.77403	0.679128	0	17.45316	0.399321	0.010423	0	0.409744	0.044054	0.400892	0.854691	0.417377	0.010894	0	0.428271	0.176216	1.145407	1.749894	8257.305	50.75875	0
Statewide Totals	2030	LHDT1	Aggregate	Aggregate	Electricity	46756.35	2806052.741	0	2806053	654341.2	1696273	0	0	0	0	0	0	0	0	0.006186	0.042221	0.048408	0	0	0	0	0.024745	0.120633	0.145378	0	0	0
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Gasoline	68456.67	2454718.171	2454718	0	1019902	0	0.232307	0.002377	0.618561	0.853245	0.002862	0	0.000176	0.003038	0.005412	0.086182	0.094632	0.003113	0	0.000191	0.003305	0.021647	0.246234	0.271185	2123.235	10.06743	27.6934
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Diesel	156171.3	5799017.371	5799017	0	1964438	0	5.762773	0.280716	0	6.043488	0.158932	0.004595	0	0.163527	0.019177	0.203595	0.386299	0.166118	0.004802	0	0.170921	0.076708	0.581701	0.82933	4234.997	34.91951	0
Statewide Totals	2030	LHDT2	Aggregate	Aggregate	Electricity	11985.53	686911.2688	0	686911.3	158945.3	411562.3	0	0	0	0	0	0	0	0	0.001514	0.012058	0.013573	0	0	0	0	0.006058	0.034452	0.04051	0	0	0
Statewide Totals	2030	MCY	Aggregate	Aggregate	Gasoline	709779.3	4090022.284	4090022	0	1419559	0	2.415126	0	0.179129	2.594255	0.00904	0	0.004889	0.013929	0.004508	0.018936	0.037373	0.009682	0	0.00522	0.014903	0.018034	0.054102	0.087038	862.1458	0	70.17645
Statewide Totals	2030	MDV	Aggregate	Aggregate	Gasoline	4248540	157637225.9	1.58E+08	0	19446036	0	10.41758	0	6.628545	17.04613	0.175844	0	0.034757	0.210602	0.347531	0.558998	1.11713	0.191247	0	0.037802	0.229048	1.390123	1.597136	3.216308	65966.81	0	2025.533
Statewide Totals	2030	MDV	Aggregate	Aggregate	Diesel	61500.63	2209689.375	2209689	0	280163.8	0	0.115171	0	0	0.115171	0.00988	0	0	0.00988	0.004872	0.007979	0.022731	0.010327	0	0	0.010327	0.019486	0.022797	0.05261	945.8427	0	0
Statewide Totals	2030	MDV	Aggregate	Aggregate	Electricity	120321.9	3998042.094	0	3998042	598206.5	1543574	0	0	0	0	0	0	0	0	0.008814	0.00675	0.015565	0	0	0	0	0.035257	0.019287	0.054543	0	0	0
Statewide Totals	2030	MDV	Aggregate	Aggregate	Plug-in Hyb	66886.52	2911270.131	1249448	1661823	276575.8	501919.9	0.009127	0	0.034578	0.043704	0.001136	0	0.000396	0.001532	0.006418	0.004495	0.012446	0.001236	0	0.000431	0.001667	0.025673	0.012843	0.040183	395.2291	0	26.14524
Statewide Totals	2030	MH	Aggregate	Aggregate	Gasoline	63938.37	611241.4189	611241.4	0	6396.395	0	0.152162	0	0.003346	0.155508	0.000778	0	2.19E-06	0.00078	0.002021	0.010384	0.013185	0.000846	0	2.39E-06	0.000848	0.008085	0.029668	0.038602	1251.18	0	0.216043
Statewide Totals	2030	MH	Aggregate	Aggregate	Diesel	34816.2	318540.9956	318541	0	3481.62	0	1.270115	0	0	1.270115	0.030155	0	0	0.030155	0.001405	0.005392	0.036951	0.031518	0	0	0.031518	0.005618	0.015405	0.052542	367.3244	0	0
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Gasoline	42084.3	2234914.9	2234915	0	842022.6	0	0.487876	0.003639	0.32876	0.820275	0.002711	0	0.000405	0.003116	0.007391	0.037889	0.048396	0.002949	0	0.00044	0.003389	0.029563	0.108255	0.141207	3968.038	24.00236	39.51082
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Diesel	295033.9	12086146.95	12086147	0	3540144	0	8.891736	3.235397	5.948512	18.07565	0.085971	0.002878	0	0.088849	0.039968	0.206296	0.335113	0.089858	0.003008	0	0.092866	0.159872	0.589419	0.842157	14346.92	692.8509	0
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Electricity	26847.55	1437338.083	0	1437338	343395.2	1538794	0	0	0	0	0	0	0	0	0.004753	0.012261	0.017014	0	0	0	0	0.019013	0.03503	0.054043	0	0	0
Statewide Totals	2030	MHDT	Aggregate	Aggregate	Natural Ga:	4028.871	173095.5444	173095.5	0	35568.05	0	0.016626	0.029111	0	0.045737	0.000222	9.12E-05	0	0.000313	0.000572	0.002965	0.00385	0.000241	9.92E-05	0	0.00034	0.00229	0.008472	0.011102	169.8985	24.31729	0
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Gasoline	10523.58	418671.522	418671.5	0	210555.8	0	0.166924	0.000683	0.091522	0.259129	0.000461	0	6.64E-05	0.000528	0.001385	0.007154	0.009066	0.000502	0	7.23E-05	0.000574	0.005538	0.020439	0.026551	757.0549	4.287387	7.083222
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Diesel	11334.99	744140.2784	744140.3	0	134911.8	0	1.188132	0.128572	0.216808	1.533513	0.022507	0.000136	0	0.022643	0.002461	0.017191	0.042295	0.023525	0.000142	0	0.023667	0.009843	0.049117	0.082628	1058.785	31.58166	0
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Electricity	537.1611	43467.50107	0	43467.5	10747.52	47011.73	0	0	0	0	0	0	0	0	0.000144	0.000371	0.000515	0	0	0	0	0.000575	0.001059	0.001634	0	0	0
Statewide Totals	2030	OBUS	Aggregate	Aggregate	Natural Ga:	880.2709	48107.03378	48107.03	0	7834.411	0	0.006083	0.00148	0	0.007563	5.6E-05	4.07E-06	0	6.01E-05	0.000159	0.000826	0.001045	6.09E-05	4.43E-06	0	6.53E-05	0.000636	0.00236	0.003061	46.09997	1.157818	0
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Gasoline	6765.951	356420.5962	356420.6	0	27063.81	0	0.176103	0.00642	0.023923	0.206446	0.000364	0	1.61E-05	0.00038	0.000786	0.006294	0.00746	0.000396	0	1.75E-05	0.000414	0.003143	0.017983	0.02154	329.5376	19.13234	1.66406
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Diesel	17890.55	385614.7266	385614.7	0	259055.2	0	1.418584	0.389653	0.147157	1.955394	0.007978	0.000301	0	0.008279	0.001275	0.006748	0.016302	0.008339	0.000315	0	0.008654	0.005101	0.019279	0.033033	485.0296	43.15459	0
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Electricity	1404.81	43250.16124	0	43250.16	17599.6	47293.34	0	0	0	0	0	0	0	0	0.000128	0.000381	0.000509	0	0	0	0	0.000514	0.001089	0.001602	0	0	0
Statewide Totals	2030	SBUS	Aggregate	Aggregate	Natural Ga:	5149.805	119886.2275	119886.2	0	74569.17	0	0.079692	0.029376	0	0.109069	0.000521	7.75E-05	0	0.000599	0.000396	0.002145	0.00314	0.000567	8.43E-05	0	0.000651	0.001586	0.00613	0.008366	201.623	23.80415	0
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Gasoline	2778.167	236786.139	236786.1	0	11112.67	0	0.031416	0	0.007774	0.03919	0.000336	0	6.55E-06	0.000343	0.000628	0.009019	0.00999	0.000366	0	7.13E-06	0.000373	0.002513	0.025769	0.028655	323.2833	0	0.898789
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Diesel	2683.331	257542.1705	257542.2	0	10733.32	0	0.100302	0	0	0.100302	0.001861	0	0	0.001861	0.002151	0.010904	0.014916	0.001945	0	0	0.001945	0.008602	0.031154	0.041702	325.9478	0	0
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Electricity	2891.442	324715.6013	0	324715.6	11565.77	624445	0	0	0	0	0	0	0	0	0.002869	0.00689	0.009759	0	0	0	0	0.011477	0.019687	0.031163	0	0	0
Statewide Totals	2030	UBUS	Aggregate	Aggregate	Natural Ga:	6742.175	773872.01	773872	0	26968.7	0	0.202485	0	0	0.202485	0.000446	0	0	0.000446	0.006955	0.032742	0.040142	0.000466	0	0	0.000466	0.027819	0.093547	0.121833	1678.078	0	0
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Gasoline	60.56274	6606.389175	6606.389	0	1211.739	0	0.022283	0	0.000146	0.02243	8.19E-06	0	6.06E-07	8.8E-06	3.64E-05	0.000225	0.00027	8.91E-06	0	6.59E-07	9.57E-06	0.000146	0.000642	0.000798	13.987	0	0.066672

Statewide Totals	2031	HHDT	Aggregate	Aggregate	Diesel	347000.5	46971559.95	46971560	0	5685306	0	75.22872	25.72903	17.08955	118.0473	1.377084	0.010943	0	1.388027	0.460178	1.443013	3.291219	1.43935	0.011437	0	1.450788	1.840713	4.122895	7.414395	72778.17	4960.488	0
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Electricity	21928.67	2619903.228	0	2619903	310103.2	4773371	0	0	0	0	0	0	0	0.025142	0.043405	0.068547	0	0	0	0	0	0.100567	0.124015	0.224582	0	0	0
Statewide Totals	2031	HHDT	Aggregate	Aggregate	Natural Ga:	21663.67	1335273.22	1335273	0	155662.5	0	0.837002	0.204988	0	1.04199	0.002402	0.000516	0	0.002918	0.013247	0.079246	0.095411	0.002612	0.000562	0	0.003174	0.052988	0.226417	0.282579	1756.424	206.6186	0
Statewide Totals	2031	LDA	Aggregate	Aggregate	Gasoline	12540563	491434775.7	4.91E+08	0	58071999	0	14.48808	0	12.72457	27.21266	0.492148	0	0.094069	0.586217	1.083429	1.451128	3.120774	0.535256	0	0.102308	0.637564	4.333716	4.14608	9.11736	135632.7	0	3891.661
Statewide Totals	2031	LDA	Aggregate	Aggregate	Diesel	21834.04	656416.7712	656416.8	0	93181.97	0	0.066072	0	0	0.066072	0.004813	0	0	0.004813	0.001447	0.001979	0.008239	0.00503	0	0	0.00503	0.005789	0.005653	0.016472	160.486	0	0
Statewide Totals	2031	LDA	Aggregate	Aggregate	Electricity	1231583	54905700.82	0	54905701	5966287	21198132	0	0	0	0	0	0	0	0	0.121046	0.092854	0.2139	0	0	0	0	0.484185	0.265298	0.749483	0	0	0
Statewide Totals	2031	LDA	Aggregate	Aggregate	Plug-in Hyb	506041.5	21740464.9	9575181	12165284	2092482	3674278	0.07	0	0.261737	0.331737	0.009436	0	0.003282	0.012718	0.04793	0.033529	0.094177	0.010263	0	0.003569	0.013833	0.191718	0.095797	0.301348	3028.043	0	137.4957
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Gasoline	1130193	38797045.6	38797046	0	4940596	0	3.430146	0	1.636812	5.066957	0.056256	0	0.011007	0.067263	0.085533	0.140813	0.293609	0.061184	0	0.011971	0.073155	0.342132	0.402323	0.81761	12991.79	0	417.0897
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Diesel	11.86851	357.8140292	357.814	0	46.45637	0	0.000136	0	0	0.000136	1.74E-05	0	0	1.74E-05	7.89E-07	1.26E-06	1.95E-05	1.82E-05	0	0	1.82E-05	3.16E-06	3.6E-06	2.5E-05	0.146543	0	0
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Electricity	10593.34	499091.9128	0	499091.9	52235.62	192690.7	0	0	0	0	0	0	0	0.0011	0.000842	0.001942	0	0	0	0	0.004401	0.002406	0.006807	0	0	0
Statewide Totals	2031	LDT1	Aggregate	Aggregate	Plug-in Hyb	8228.023	386393.2044	159235.9	227157.3	34022.88	68608.27	0.001167	0	0.00425	0.005417	0.000105	0	3.5E-05	0.00014	0.000852	0.000599	0.001591	0.000114	0	3.81E-05	0.000152	0.003407	0.001713	0.005272	50.56015	0	2.415649
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Gasoline	6932398	270681334.8	2.71E+08	0	32212705	0	12.31168	0	8.772121	21.0838	0.280794	0	0.052343	0.333137	0.596751	0.948929	1.878816	0.305389	0	0.056928	0.362317	2.387002	2.711225	5.460544	90906.95	0	2660.161
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Diesel	25614.23	1016511.328	1016511	0	120314.7	0	0.038168	0	0	0.038168	0.004681	0	0	0.004681	0.002241	0.003554	0.010476	0.004892	0	0	0.004892	0.008964	0.010154	0.024011	314.9259	0	0
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Electricity	136571.5	4504055.303	0	4504055	677563.1	1738937	0	0	0	0	0	0	0	0	0.00993	0.007603	0.017533	0	0	0	0	0.039719	0.021723	0.061442	0	0	0
Statewide Totals	2031	LDT2	Aggregate	Aggregate	Plug-in Hyb	116581.1	5147380.78	2182653	2964727	482063	895436	0.015981	0	0.060273	0.076254	0.00173	0	0.000602	0.002332	0.011348	0.007972	0.021652	0.001882	0	0.000654	0.002536	0.045392	0.022777	0.070705	691.787	0	36.94847
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Gasoline	485738.5	18143149.47	18143149	0	7236780	0	1.799812	0.016665	4.200286	6.016763	0.02465	0	0.001659	0.026309	0.039999	0.545984	0.612291	0.026809	0	0.001804	0.028613	0.159995	1.559953	1.748562	13748.74	60.98336	200.8172
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Diesel	355123.5	12977919.25	12977919	0	4467007	0	14.93833	0.643912	0	15.58224	0.368505	0.010204	0	0.378708	0.042917	0.390546	0.812171	0.385167	0.010665	0	0.395832	0.171668	1.115845	1.683346	8011.828	49.47508	0
Statewide Totals	2031	LHDT1	Aggregate	Aggregate	Electricity	61871.89	3627645.465	0	3627645	865911	2193564	0	0	0	0	0	0	0	0	0.007998	0.054584	0.062581	0	0	0	0	0.03199	0.155953	0.187943	0	0	0
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Gasoline	66841.46	2381122.903	2381123	0	995838.1	0	0.200943	0.002264	0.588417	0.791624	0.002749	0	0.000159	0.002908	0.005249	0.083598	0.091756	0.00299	0	0.000173	0.003163	0.020998	0.238851	0.263012	2036.995	9.773681	26.90143
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Diesel	155345.1	5698025.306	5698025	0	1954046	0	5.33209	0.270543	0	5.602633	0.151426	0.00455	0	0.155976	0.018843	0.20005	0.374869	0.158272	0.004756	0	0.163028	0.075372	0.571571	0.809971	4137.831	34.52143	0
Statewide Totals	2031	LHDT2	Aggregate	Aggregate	Electricity	15860.33	888740.4637	0	888740.5	210301.7	532548.4	0	0	0	0	0	0	0	0	0.001959	0.015601	0.017561	0	0	0	0	0.007837	0.044575	0.052412	0	0	0
Statewide Totals	2031	MCY	Aggregate	Aggregate	Gasoline	711562.7	4088067.239	4088067	0	1423125	0	2.377039	0	0.171973	2.549012	0.009062	0	0.00482	0.013881	0.004506	0.018927	0.037314	0.009709	0	0.00515	0.01486	0.018025	0.054076	0.086961	860.2744	0	69.04725
Statewide Totals	2031	MDV	Aggregate	Aggregate	Gasoline	4263604	157916618.5	1.58E+08	0	19509442	0	9.585274	0	6.366325	15.9516	0.166761	0	0.033233	0.199994	0.348147	0.561322	1.109463	0.181368	0	0.036144	0.217512	1.392587	1.603778	3.213877	65006.83	0	1995.177
Statewide Totals	2031	MDV	Aggregate	Aggregate	Diesel	60486.98	2155583.384	2155583	0	274814.5	0	0.099255	0	0	0.099255	0.008653	0	0	0.008653	0.004752	0.007806	0.021211	0.009044	0	0	0.009044	0.019009	0.022303	0.050355	909.0293	0	0
Statewide Totals	2031	MDV	Aggregate	Aggregate	Electricity	134662.7	4408375.243	0	4408375	666549.5	1701997	0	0	0	0	0	0	0	0	0.009719	0.007447	0.017166	0	0	0	0	0.038875	0.021278	0.060153	0	0	0
Statewide Totals	2031	MDV	Aggregate	Aggregate	Plug-in Hyb	72991.05	3138004.774	1335846	1802159	301818	544305.7	0.009766	0	0.037735	0.047502	0.001139	0	0.000408	0.001547	0.006918	0.004855	0.01332	0.001239	0	0.000444	0.001683	0.027672	0.013871	0.043226	422.8079	0	28.31771
Statewide Totals	2031	MH	Aggregate	Aggregate	Gasoline	61504.44	593464.2782	593464.3	0	6152.904	0	0.135484	0	0.003254	0.138738	0.000743	0	2.07E-06	0.000745	0.001963	0.010081	0.012789	0.000808	0	2.25E-06	0.00081	0.00785	0.028803	0.037464	1214.413	0	0.207162
Statewide Totals	2031	MH	Aggregate	Aggregate	Diesel	34607.72	315632.5295	315632.5	0	3460.772	0	1.219852	0	0	1.219852	0.028354	0	0	0.028354	0.001392	0.005342	0.035088	0.029636	0	0	0.029636	0.005567	0.015263	0.050466	364.026	0	0
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Gasoline	40729.54	2142428.607	2142429	0	814916.7	0	0.417718	0.003454	0.311532	0.732704	0.002616	0	0.00039	0.003006	0.007085	0.036323	0.046414	0.002845	0	0.000424	0.003269	0.028339	0.103781	0.13539	3773.357	23.06685	37.81097
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Diesel	293727.2	11930553.81	11930554	0	3526137	0	8.132142	3.099415	5.805614	17.03717	0.078203	0.00242	0	0.080622	0.039454	0.203625	0.323701	0.081739	0.002529	0	0.084268	0.157814	0.581785	0.823867	14070.88	684.1864	0
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Electricity	36968.55	1961509.242	0	1961509	472665.4	2098497	0	0	0	0	0	0	0	0	0.006487	0.016731	0.023218	0	0	0	0	0.025946	0.047803	0.073749	0	0	0
Statewide Totals	2031	MHDT	Aggregate	Aggregate	Natural Ga:	4121.584	174020.1267	174020.1	0	36499.21	0	0.016224	0.029698	0	0.045922	0.000225	9.42E-05	0	0.00032	0.000575	0.002981	0.003876	0.000245	0.000102	0	0.000348	0.002302	0.008517	0.011166	170.4111	24.86073	0
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Gasoline	10126.06	392498.0015	392498	0	202602.2	0	0.147797	0.000648	0.08765	0.236094	0.000439	0	6.4E-05	0.000503	0.001298	0.006706	0.008507	0.000478	0	6.96E-05	0.000548	0.005192	0.019159	0.024898	704.1378	4.1087	6.786999
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Diesel	11440.12	747577.6993	747577.7	0	136137.6	0	1.159371	0.125389	0.212491	1.497251	0.021695	0.000129	0	0.021825	0.002472	0.017334	0.041631	0.022676	0.000135	0	0.022811	0.009889	0.049526	0.082226	1055.25	31.56567	0
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Electricity	707.9352	56602.17826	0	56602.18	14164.37	61220.23	0	0	0	0	0	0	0	0	0.000187	0.000483	0.00067	0	0	0	0	0.000749	0.00138	0.002128	0	0	0
Statewide Totals	2031	OBUS	Aggregate	Aggregate	Natural Ga:	894.8859	48478.72754	48478.73	0	7964.484	0	0.005952	0.001502	0	0.007453	5.73E-05	4.2E-06	0	6.15E-05	0.00016	0.000832	0.001054	6.24E-05	4.57E-06	0	6.69E-05	0.000641	0.002378	0.003086	46.10633	1.173597	0
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Gasoline	6741.307	354299.6402	354299.6	0	26965.23	0	0.16107	0.006339	0.024239	0.191648	0.000362	0	1.6E-05	0.000378	0.000781	0.006257	0.007416	0.000393	0	1.74E-05	0.000411	0.003124	0.017877	0.021413	326.5997	19.01225	1.644547
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Diesel	17439.99	374804.1378	374804.1	0	252531	0	1.238433	0.357906	0.148445	1.744785	0.007126	0.00026	0	0.007386	0.001239	0.006557	0.015183	0.007448	0.000272	0	0.00772	0.004958	0.018735	0.031413	469.0962	41.74948	0
Statewide Totals	2031	SBUS	Aggregate	Aggregate	Electricity	1878.904	57865.95804	0	57865.96	23590.17	63267.44	0	0	0	0	0	0	0	0	0.000172	0.00051	0.000682	0	0	0	0	0.000688	0.001456	0.002145	0	0	0
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Gasoline	2634.319	228524.3214	228524.3	0	10537.28	0	0.02972	0	0.007058	0.036778	0.000323	0	5.85E-06	0.000329	0.0006	0.008662	0.009591	0.000351	0	6.36E-06	0.000358	0.0024	0.02475	0.027507	303.9287	0	0.815456
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Diesel	2393.267	223661.6241	223661.6	0	9573.067	0	0.085359	0	0	0.085359	0.001569	0	0	0.001569	0.001842	0.009466	0.012877	0.00164	0	0	0.00164	0.007368	0.027045	0.036054	283.4087	0	0
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Electricity	4240.531	502439.4354	0	502439.4	16962.12	972982.5	0	0	0	0	0	0	0	0	0.004459	0.010662	0.01512	0	0	0	0	0.017834	0.030461	0.048296	0	0	0
Statewide Totals	2031	UBUS	Aggregate	Aggregate	Natural Ga:	5931.018	649261.4641	649261.5	0	23724.07	0	0.087853	0	0	0.087853	0.000413	0	0	0.000413	0.00579	0.027453	0.033656	0.000432	0	0	0.000432	0.023162	0.078436	0.102029	1343.022	0	0
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Gasoline	55.98142	6360.930197	6360.93	0	1120.076	0	0.020078	0	0.000142	0.02022	7.83E-06	0	5.42E-07	8.37E-06	3.51E-05	0.000216	0.00026	8.51E-06	0	5.9E-07	9.1E-06	0.00014	0.000618	0.000768	13.25293	0	0.060561
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Diesel	350357.3	47743653.07	47743653	0	5756980	0	75.02926	25.85224	17.1982	118.0797	1.394683	0.010905	0	1.405587	0.467923	1.475468	3.348978	1.457744	0.011398	0	1.469142	1.871693	4.215622	7.556457	72897.4	4963.733	0
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Electricity	27534.57	3291709.671	0	3291710	387113.3	5996701	0	0	0	0	0	0	0	0	0.031588	0.054646	0.086235	0	0	0	0	0.126353	0.156132	0.282485	0	0	0
Statewide Totals	2032	HHDT	Aggregate	Aggregate	Natural Ga:	21783.68	1339797.769	1339798	0	156902.1	0	0.778873	0.203097	0	0.981969	0.002376	0.000532	0	0.002908	0.013292	0.079396	0.095596	0.002584	0.000579	0	0.003163	0.053167	0.226846	0.283176	1748.737	207.5867	0
Statewide Totals	2032	LDA	Aggregate	Aggregate	Gasoline	12513071	490567212.3	4.91E+08	0	57960126	0	13.88318	0	12.39187	26.27505	0.46178	0	0.08878	0.55056	1.081516	1.450213	3.082289	0.502228	0	0.096557	0.598784	4.326065	4.143465	9.068315	133574.3	0	3822.233
Statewide Totals	2032	LDA	Aggregate	Aggregate	Diesel	19400.61	587561.6492	587561.6	0	83142.75	0	0.051479	0	0	0.051479	0.003499	0	0	0.003499	0.001295	0.001772	0.006567	0.003658	0	0	0.003658	0.005181	0.005063	0.013903	141.3	0	0
Statewide Totals	2032	LDA	Aggregate	Aggregate	Electricity	1294474	57108549.27	0	57108549	6250316	22048613	0	0	0	0	0	0	0	0	0.125903	0.096607	0.22251	0	0	0	0	0.503611	0.276019	0.77963	0	0	0
Statewide Totals	2032	LDA	Aggregate	Aggregate	Plug-in Hyb	519689	22099228.16	9630241	12468987	2148914	3766006	0.07044	0	0.268817	0.339256	0.00894	0	0.0032	0.01214	0.04872	0.034145	0.095005	0.009723	0	0.003481	0.013203	0.194882	0.097556	0.305642	3046.537	0	140.0193
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Gasoline	1110385	38222875.08	38222875	0	4862361	0	2.96038	0	1.521736	4.482116	0.051093	0	0.010105	0.061197	0.084267	0.138728	0.284192	0.055568	0	0.01099	0.066557	0.337068	0.396367	0.799992	12611.25	0	402.0627
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Diesel	8.363498	316.3781991	316.3782	0	37.76415	0	5.17E-05	0	0	5.17E-05	4.61E-06	0	0	4.61E-06	6.97E-07	1.09E-06	6.4E-06	4.82E-06	0	0	4.82E-06	2.79E-06	3.12E-06	1.07E-05	0.126739	0	0
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Electricity	12077.04	565138.4354	0	565138.4	59463.4	218190.1	0	0	0	0	0	0	0	0	0.001246	0.000954	0.0022	0	0	0	0	0.004984	0.002725	0.007709	0	0	0
Statewide Totals	2032	LDT1	Aggregate	Aggregate	Plug-in Hyb	9382.133	434591.9295	178676.2	255915.7	38795.12	77294.17	0.00131	0	0.004847	0.006156	0.000113	0	3.85E-05	0.000152	0.000958	0.000675	0.001785	0.000123	0	4.19E-05	0.000165	0.003832	0.001928	0.005926	56.74489	0	2.747776
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Gasoline	7015203	272901844.5	2.73E+08	0	32565470	0	11.66839	0	8.641374	20.30977	0.266913	0	0.050196	0.317109	0.601646	0.958549	1.877304	0.290292	0	0.054593	0.344885	2.406584	2.73871	5.490179	90374.06	0	2646.21
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Diesel	25949.95	1025232.606	1025233	0	121699.8	0	0.037583	0	0	0.037583	0.004682	0	0	0.004682	0.00226	0.003591	0.010533	0.004894	0	0	0.004894	0.009041	0.01026	0.024195	313.3615	0	0
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Electricity	152701.1	4963882.116	0	4963882	754357.4	1916468	0	0	0	0	0	0	0	0	0.010943	0.008383	0.019327	0	0	0	0	0.043774	0.023952	0.067726	0	0	0
Statewide Totals	2032	LDT2	Aggregate	Aggregate	Plug-in Hyb	126250.8	5499468.081	2317920	3181548	522047.1	960922.4	0.016979	0	0.065276	0.082256	0.001751	0	0.000623	0.002374	0.012124	0.008529	0.023027	0.001904	0	0.000678	0.002582	0.048497	0.024368	0.075447	734.8659	0	39.79488
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Gasoline	476761.8	17668331.72	17668332	0	7103041	0	1.537865	0.016022	4.025583	5.57947	0.02363	0	0.001518	0.025148	0.038952	0.531695	0.595795	0.0257	0	0.001651	0.02735	0.155808	1.519128	1.702287	13257.67	59.51993	196.06
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Diesel	348448.2	12612971.34	12612971	0	4383040	0	13.29408	0.61079	0	13.90487	0.342654	0.010012	0	0.352667	0.04171	0.379563	0.77394	0.358147	0.010465	0	0.368613	0.166841	1.084467	1.61992	7755.08	48.20434	0
Statewide Totals	2032	LHDT1	Aggregate	Aggregate	Electricity	79171.97	4540717.871	0	4540718	1108044	2746448	0	0	0	0	0	0	0	0	0.010011	0.068322	0.078333	0	0	0	0	0.040042	0.195206	0.235248	0	0	0
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Gasoline	65104.57	2302564.976	2302565	0	969961.1	0	0.173532	0.002151	0.557872	0.733555	0.002639	0	0.000145	0.002783	0.005076	0.08084	0.088699	0.00287	0	0.000157	0.003027	0.020305	0.230971	0.254303	1949.5	9.466764	26.07132
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Diesel	154061.5	5578491.804	5578492	0	1937900	0	4.926658	0.260327	0	5.186986	0.144446	0.004505	0	0.148951	0.018448	0.195853	0.363252	0.150977	0.004709	0	0.155686	0.073791	0.55958	0.789057	4029.984	34.04053	0
Statewide Totals	2032	LHDT2	Aggregate	Aggregate	Electricity	20297.79	1113413.067	0	1113413	269099.3	667256.1	0	0	0	0	0	0	0	0	0.002455	0.019545	0.022	0	0	0	0	0.009819	0.055843	0.065662	0	0	0
Statewide Totals	2032	MCY	Aggregate	Aggregate	Gasoline	714182.7	4087750.141	4087750	0	1428365	0	2.34441	0	0.165892	2.510302	0.009097	0	0.004782	0.013879	0.004506	0.018925	0.03731	0.009749	0	0.005114	0.014863	0.018024	0.054072	0.086959	858.9862	0	68.14939
Statewide Totals	2032	MDV	Aggregate	Aggregate	Gasoline	4280151	158225210.8	1.58E+08	0	19578508	0	8.889888	0	6.15044	15.04033	0.158246	0	0.031762	0.190007	0.348827	0.563504	1.102339	0.172106	0	0.034544	0.20665	1.395308	1.610013	3.211971	64165.47	0	1968.411
Statewide Totals	2032	MDV	Aggregate	Aggregate	Diesel	59459.3	2103429.035	2103429	0	269393.2	0	0.087553	0	0	0.087553	0.007798	0	0	0.007798	0.004637	0.007632	0.020067	0.00815	0	0	0.00815	0.018549	0.021807	0.048506	874.3018	0	0
Statewide Totals	2032	MDV	Aggregate	Aggregate	Electricity	148523.7	4789759.004	0	4789759	731886.7	1849242	0	0	0	0	0	0	0	0	0.01056	0.008096	0.018656	0	0	0	0	0.042238	0.023132	0.06537	0	0	0
Statewide Totals	2032	MDV	Aggregate	Aggregate	Plug-in Hyb	78821.48	3347219.82	1415211	1932009	325926.8	583524.3	0.010352	0	0.040752	0.051104	0.001139	0	0.000418	0.001557	0.007379	0.005187	0.014123	0.001239	0	0.000454	0.001694	0.029517	0.014819	0.04603	448.1034	0	30.38234
Statewide Totals	2032	MH	Aggregate	Aggregate	Gasoline	59280.35	577501.9315	577501.9	0	5930.407	0	0.120783	0	0.003166	0.123949	0.000718	0	2E-06	0.00072	0.00191	0.009809	0.012439	0.000781	0	2.17E-06	0.000783	0.007639	0.028026	0.036448	1181.392	0	0.199067
Statewide Totals	2032	MH	Aggregate	Aggregate	Diesel	34415.07	313036.4651	313036.5	0	3441.507	0	1.172329	0	0	1.172329	0.026627	0	0	0.026627	0.00138	0.005298	0.033305	0.027831	0	0	0.027831	0.005521	0.015136	0.048488	361.0918	0	0
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Gasoline	39349.17	2049085.4	2049085	0	787298.2	0	0.363155	0.003274	0.296563	0.662992	0.002517	0	0.000374	0.002891	0.006776	0.034743	0.04441	0.002737	0	0.000407	0.003144	0.027105	0.099265	0.129514	3580.993	22.12951	36.15178
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Diesel	291109.3	11750779.41	11750779	0	3496043	0	7.466661	2.9649	5.64676	16.07832	0.0716	0.002078	0	0.073678	0.038859	0.200537	0.313074	0.074837	0.002172	0	0.077009	0.155436	0.572963	0.805409	13767.46	672.7027	0
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Electricity	47843.53	2522016.723	0	2522017	611809.6	2696879	0	0	0	0	0	0	0	0	0.00834	0.021511	0.029851	0	0	0	0	0.033361	0.061461	0.094822	0	0	0
Statewide Totals	2032	MHDT	Aggregate	Aggregate	Natural Ga:	4179.868	173803.6201	173803.6	0	37086.85	0	0.015743	0.030051	0	0.045794	0.000228	9.64E-05	0	0.000324	0.000575	0.002977	0.003876	0.000248	0.000105	0	0.000352	0.002299	0.008506	0.011158	169.8116	25.20797	0

Statewide Totals	2032	OBUS	Aggregate	Aggregate	Gasoline	9730.306	367608.3028	367608.3	0	194684	0	0.128983	0.000614	0.083874	0.213472	0.000418	0	6.17E-05	0.000479	0.001216	0.00628	0.007975	0.000454	0	6.71E-05	0.000521	0.004863	0.017942	0.023326	654.4163	3.932391	6.502267
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Diesel	11516.04	750967.4852	750967.5	0	136943.7	0	1.122659	0.121699	0.20742	1.451778	0.020826	0.000124	0	0.020949	0.002483	0.017472	0.040905	0.021767	0.000129	0	0.021896	0.009934	0.049921	0.081751	1052.638	31.39868	0
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Electricity	889.4259	70179.93448	0	70179.93	17795.63	75909.14	0	0	0	0	0	0	0	0	0.000232	0.000599	0.000831	0	0	0	0	0.000928	0.00171	0.002639	0	0	0
Statewide Totals	2032	OBUS	Aggregate	Aggregate	Natural Ga:	907.7988	48856.89616	48856.9	0	8079.41	0	0.005844	0.001521	0	0.007365	5.86E-05	4.32E-06	0	6.29E-05	0.000162	0.000839	0.001063	6.37E-05	4.7E-06	0	6.84E-05	0.000646	0.002396	0.003111	46.14775	1.187046	0
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Gasoline	6689.256	350722.8867	350722.9	0	26757.02	0	0.13997	0.006236	0.024457	0.170662	0.000357	0	1.59E-05	0.000373	0.000773	0.006194	0.007341	0.000389	0	1.73E-05	0.000406	0.003093	0.017698	0.021197	322.2526	18.81184	1.616211
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Diesel	16968.41	363433.0661	363433.1	0	245702.5	0	1.065638	0.326182	0.149495	1.541315	0.006287	0.000222	0	0.00651	0.001202	0.006357	0.014069	0.006571	0.000232	0	0.006804	0.004807	0.018164	0.029775	452.5323	40.28189	0
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Electricity	2398.551	73813.0264	0	73813.03	30164.05	80700.14	0	0	0	0	0	0	0	0	0.00022	0.00065	0.00087	0	0	0	0	0.000879	0.001858	0.002737	0	0	0
Statewide Totals	2032	SBUS	Aggregate	Aggregate	Natural Ga:	5313.42	120289.8621	120289.9	0	76938.32	0	0.076327	0.030253	0	0.10658	0.000523	8.13E-05	0	0.000604	0.000398	0.002153	0.003155	0.000569	8.84E-05	0	0.000657	0.001591	0.00615	0.008399	200.5961	24.58266	0
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Gasoline	2605.541	226840.1564	226840.2	0	10422.17	0	0.030852	0	0.007066	0.037918	0.00032	0	5.67E-06	0.000326	0.000593	0.008585	0.009504	0.000348	0	6.17E-06	0.000354	0.002374	0.024527	0.027255	299.156	0	0.795448
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Diesel	2027.51	184017.1067	184017.1	0	8110.04	0	0.06954	0	0	0.06954	0.001289	0	0	0.001289	0.001501	0.007783	0.010573	0.001347	0	0	0.001347	0.006003	0.022238	0.029589	230.0842	0	0
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Electricity	4956.48	579038.6821	0	579038.7	19825.92	1110491	0	0	0	0	0	0	0	0	0.005112	0.012287	0.017399	0	0	0	0	0.020447	0.035105	0.055553	0	0	0
Statewide Totals	2032	UBUS	Aggregate	Aggregate	Natural Ga:	5713.476	624948.4178	624948.4	0	22853.91	0	0.072343	0	0	0.072343	0.000422	0	0	0.000422	0.005573	0.02642	0.032415	0.000441	0	0	0.000441	0.022293	0.075486	0.098219	1294.677	0	0
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Gasoline	52.83437	6139.812658	6139.813	0	1057.11	0	0.018728	0	9.17E-05	0.018819	7.56E-06	0	5.06E-07	8.06E-06	3.38E-05	0.000209	0.000251	8.22E-06	0	5.51E-07	8.77E-06	0.000135	0.000596	0.00074	12.61736	0	0.056003
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Diesel	353488.5	48559935.73	48559936	0	5828242	0	74.9231	26.00085	17.31581	118.2398	1.415033	0.010883	0	1.425916	0.476121	1.508107	3.410144	1.479014	0.011375	0	1.49039	1.904483	4.308878	7.70375	73166.45	4974.739	0
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Electricity	33416.03	3969000.049	0	3969000	466080.1	7231420	0	0	0	0	0	0	0	0	0.038072	0.065976	0.104047	0	0	0	0	0.152287	0.188502	0.340789	0	0	0
Statewide Totals	2033	HHDT	Aggregate	Aggregate	Natural Ga:	21814.14	1340502.418	1340502	0	157576.5	0	0.726976	0.200751	0	0.927727	0.002351	0.000546	0	0.002897	0.013299	0.079228	0.095424	0.002557	0.000594	0	0.003151	0.053195	0.226364	0.282711	1734.151	207.8219	0
Statewide Totals	2033	LDA	Aggregate	Aggregate	Gasoline	12494333	490044152.4	4.9E+08	0	57890194	0	13.37925	0	12.10265	25.48191	0.433888	0	0.083735	0.517623	1.080363	1.450452	3.048438	0.471893	0	0.091069	0.562962	4.321453	4.144148	9.028563	131843.2	0	3761.364
Statewide Totals	2033	LDA	Aggregate	Aggregate	Diesel	17624.42	529930.3195	529930.3	0	75265.69	0	0.043067	0	0	0.043067	0.002939	0	0	0.002939	0.001168	0.0016	0.005707	0.003072	0	0	0.003072	0.004673	0.004571	0.012316	125.5601	0	0
Statewide Totals	2033	LDA	Aggregate	Aggregate	Electricity	1352656	59079946.29	0	59079946	6510777	22809735	0	0	0	0	0	0	0	0	0.130249	0.099967	0.230216	0	0	0	0	0.520996	0.285621	0.806617	0	0	0
Statewide Totals	2033	LDA	Aggregate	Aggregate	Plug-in Hyb	531720.2	22401137.64	9667491	12733647	2198663	3845941	0.070777	0	0.275059	0.345836	0.008466	0	0.003111	0.011577	0.049386	0.034671	0.095634	0.009208	0	0.003383	0.012591	0.197544	0.09906	0.309195	3060.314	0	142.1321
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Gasoline	1093114	37726555.22	37726555	0	4794438	0	2.576799	0	1.423906	4.000704	0.046623	0	0.0093	0.055923	0.083173	0.137021	0.276117	0.050707	0	0.010115	0.060821	0.332691	0.391488	0.785001	12278.1	0	388.8066
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Diesel	8.644749	327.8772313	327.8772	0	39.15701	0	4.7E-05	0	0	4.7E-05	4.28E-06	0	0	4.28E-06	7.23E-07	1.14E-06	6.14E-06	4.47E-06	0	0	4.47E-06	2.89E-06	3.24E-06	1.06E-05	0.130399	0	0
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Electricity	13532.96	627510.1293	0	627510.1	66479.13	242270.7	0	0	0	0	0	0	0	0	0.001383	0.00106	0.002443	0	0	0	0	0.005534	0.003027	0.008561	0	0	0
Statewide Totals	2033	LDT1	Aggregate	Aggregate	Plug-in Hyb	10509.25	479961.3845	196968.1	282993.3	43455.76	85472.42	0.001445	0	0.005429	0.006874	0.000121	0	4.19E-05	0.000163	0.001058	0.000746	0.001967	0.000132	0	4.56E-05	0.000177	0.004233	0.002132	0.006542	62.581	0	3.07198
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Gasoline	7089141	274843228.8	2.75E+08	0	32880364	0	11.07404	0	8.525521	19.59956	0.253371	0	0.047975	0.301346	0.605926	0.967506	1.874778	0.275564	0	0.052178	0.327741	2.423704	2.764304	5.515749	89871.35	0	2631.866
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Diesel	26250.86	1033032.899	1033033	0	122940	0	0.037214	0	0	0.037214	0.004703	0	0	0.004703	0.002277	0.003626	0.010606	0.004916	0	0	0.004916	0.00911	0.01036	0.024385	311.9333	0	0
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Electricity	168288.6	5391603.061	0	5391603	827777.1	2081604	0	0	0	0	0	0	0	0	0.011886	0.00911	0.020996	0	0	0	0	0.047546	0.026028	0.073573	0	0	0
Statewide Totals	2033	LDT2	Aggregate	Aggregate	Plug-in Hyb	135411.7	5821909.512	2441025	3380884	559927.3	1021128	0.017894	0	0.070017	0.087911	0.001765	0	0.000642	0.002407	0.012835	0.009041	0.024283	0.00192	0	0.000698	0.002618	0.05134	0.02583	0.079789	774.2552	0	42.47643
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Gasoline	466482.4	17139587.59	17139588	0	6949893	0	1.387901	0.01537	3.827444	5.230715	0.022509	0	0.001362	0.023871	0.037786	0.515783	0.57744	0.024481	0	0.001481	0.025962	0.151145	1.473667	1.650773	12735.42	57.92794	191.1064
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Diesel	340889.5	12215381.62	12215382	0	4287961	0	11.77566	0.577856	0	12.35352	0.318969	0.0098	0	0.328769	0.040395	0.367599	0.736763	0.333391	0.010243	0	0.343634	0.161582	1.050282	1.555498	7477.471	46.84043	0
Statewide Totals	2033	LHDT1	Aggregate	Aggregate	Electricity	98631.91	5539948.044	0	5539948	1380391	3352455	0	0	0	0	0	0	0	0	0.012213	0.083357	0.095571	0	0	0	0	0.048854	0.238163	0.287017	0	0	0
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Gasoline	63310.08	2220750.952	2220751	0	943225.8	0	0.153089	0.002042	0.527608	0.682739	0.002537	0	0.000133	0.002671	0.004896	0.077967	0.085534	0.00276	0	0.000145	0.002904	0.019584	0.222764	0.245252	1860.355	9.156903	25.24247
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Diesel	152384.6	5443006.309	5443006	0	1916806	0	4.559426	0.25021	0	4.809636	0.138125	0.004448	0	0.142573	0.018	0.191096	0.351669	0.14437	0.004649	0	0.149019	0.071999	0.54599	0.767008	3911.256	33.49357	0
Statewide Totals	2033	LHDT2	Aggregate	Aggregate	Electricity	25288.32	1359523.936	0	1359524	335210	815022.5	0	0	0	0	0	0	0	0	0.002997	0.023866	0.026863	0	0	0	0	0.011989	0.068187	0.080176	0	0	0
Statewide Totals	2033	MCY	Aggregate	Aggregate	Gasoline	717651.8	4089315.763	4089316	0	1435304	0	2.317567	0	0.161128	2.478695	0.00919	0	0.004861	0.014051	0.004508	0.018932	0.037491	0.00985	0	0.0052	0.01505	0.018031	0.054092	0.087173	858.4497	0	67.50993
Statewide Totals	2033	MDV	Aggregate	Aggregate	Gasoline	4297289	158554129.9	1.59E+08	0	19650263	0	8.2925	0	5.971701	14.2642	0.150216	0	0.03031	0.180526	0.349552	0.565886	1.095964	0.163374	0	0.032965	0.196339	1.398209	1.616817	3.211365	63440.25	0	1944.611
Statewide Totals	2033	MDV	Aggregate	Aggregate	Diesel	58416.97	2054939.955	2054940	0	264067	0	0.077895	0	0	0.077895	0.007035	0	0	0.007035	0.00453	0.007469	0.019034	0.007353	0	0	0.007353	0.018121	0.021339	0.046813	842.5258	0	0
Statewide Totals	2033	MDV	Aggregate	Aggregate	Electricity	161847.7	5142228.696	0	5142229	794004.7	1985325	0	0	0	0	0	0	0	0	0.011337	0.008696	0.020033	0	0	0	0	0.045347	0.024847	0.070194	0	0	0
Statewide Totals	2033	MDV	Aggregate	Aggregate	Plug-in Hyb	84408.02	3540949.941	1488545	2052405	349027.2	619887.6	0.010898	0	0.043643	0.054541	0.001139	0	0.000427	0.001565	0.007806	0.005495	0.014867	0.001238	0	0.000464	0.001702	0.031226	0.0157	0.048628	471.6076	0	32.35494
Statewide Totals	2033	MH	Aggregate	Aggregate	Gasoline	57366.81	564080.3739	564080.4	0	5738.976	0	0.108127	0	0.003086	0.111212	0.000697	0	1.94E-06	0.000699	0.001865	0.009579	0.012143	0.000758	0	2.11E-06	0.00076	0.007462	0.027367	0.035589	1153.576	0	0.192112
Statewide Totals	2033	MH	Aggregate	Aggregate	Diesel	34190.62	310445.4789	310445.5	0	3419.062	0	1.125175	0	0	1.125175	0.024944	0	0	0.024944	0.001369	0.005252	0.031565	0.026071	0	0	0.026071	0.005475	0.015007	0.046554	358.0364	0	0
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Gasoline	37931.28	1954515.061	1954515	0	758929.1	0	0.316711	0.003097	0.282277	0.602085	0.002411	0	0.000359	0.00277	0.006463	0.033132	0.042366	0.002622	0	0.00039	0.003013	0.025854	0.094664	0.12353	3389.894	21.18382	34.49929
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Diesel	287220.6	11547153.33	11547153	0	3450479	0	6.867019	2.83031	5.47085	15.16818	0.06607	0.001795	0	0.067866	0.038186	0.196999	0.30305	0.069058	0.001877	0	0.070934	0.152743	0.562853	0.78653	13437.94	658.437	0
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Electricity	59647.67	3117639.293	0	3117639	762916.7	3333367	0	0	0	0	0	0	0	0	0.01031	0.026586	0.036896	0	0	0	0	0.041239	0.07596	0.1172	0	0	0
Statewide Totals	2033	MHDT	Aggregate	Aggregate	Natural Ga:	4217.682	172943.0212	172943	0	37500.68	0	0.015228	0.030254	0	0.045482	0.000228	9.82E-05	0	0.000326	0.000572	0.002962	0.00386	0.000248	0.000107	0	0.000355	0.002288	0.008462	0.011105	168.4273	25.42952	0
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Gasoline	9343.694	343921.9765	343922	0	186948.6	0	0.114055	0.000583	0.078747	0.193384	0.000396	0	5.91E-05	0.000455	0.001137	0.005875	0.007467	0.000431	0	6.42E-05	0.000495	0.004549	0.016785	0.021829	607.8119	3.762106	6.226259
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Diesel	11565.15	754130.5973	754130.6	0	137338	0	1.081503	0.117478	0.201919	1.400899	0.019901	0.000117	0	0.020019	0.002494	0.017602	0.040115	0.020801	0.000123	0	0.020924	0.009975	0.050292	0.081192	1050.593	31.0823	0
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Electricity	1081.998	84210.28034	0	84210.28	21648.61	91088.79	0	0	0	0	0	0	0	0	0.000278	0.000718	0.000997	0	0	0	0	0.001114	0.002052	0.003166	0	0	0
Statewide Totals	2033	OBUS	Aggregate	Aggregate	Natural Ga:	920.5295	49415.96113	49415.96	0	8192.713	0	0.00576	0.00154	0	0.007299	6.01E-05	4.44E-06	0	6.45E-05	0.000163	0.000848	0.001076	6.53E-05	4.83E-06	0	7.02E-05	0.000654	0.002424	0.003148	46.38166	1.200512	0
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Gasoline	6601.495	345478.2517	345478.3	0	26405.98	0	0.115105	0.006107	0.024495	0.145707	0.000351	0	1.56E-05	0.000366	0.000762	0.006102	0.00723	0.000381	0	1.7E-05	0.000398	0.003047	0.017433	0.020878	316.2721	18.50741	1.576735
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Diesel	16480.98	351778.1505	351778.2	0	238644.6	0	0.90707	0.295289	0.150311	1.35267	0.005497	0.000188	0	0.005684	0.001163	0.006153	0.013	0.005745	0.000196	0	0.005941	0.004653	0.017579	0.028173	435.7977	38.77739	0
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Electricity	2957.986	90927.0406	0	90927.04	37235.11	99413.19	0	0	0	0	0	0	0	0	0.000271	0.000801	0.001072	0	0	0	0	0.001084	0.002288	0.003372	0	0	0
Statewide Totals	2033	SBUS	Aggregate	Aggregate	Natural Ga:	5368.543	119772.8316	119772.8	0	77736.5	0	0.074172	0.030539	0	0.104711	0.000521	8.28E-05	0	0.000603	0.000396	0.002143	0.003143	0.000566	9E-05	0	0.000656	0.001584	0.006124	0.008364	198.8737	24.84959	0
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Gasoline	2458.042	216090.8709	216090.9	0	9832.169	0	0.028025	0	0.006353	0.034378	0.000303	0	4.95E-06	0.000308	0.000557	0.008122	0.008987	0.00033	0	5.39E-06	0.000335	0.002228	0.023206	0.025769	275.3807	0	0.710462
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Diesel	1806.307	170064.8222	170064.8	0	7225.228	0	0.063728	0	0	0.063728	0.001187	0	0	0.001187	0.001375	0.007191	0.009753	0.001241	0	0	0.001241	0.005502	0.020546	0.027288	209.6533	0	0
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Electricity	5700.897	641511.8164	0	641511.8	22803.59	1227083	0	0	0	0	0	0	0	0	0.005596	0.013613	0.019209	0	0	0	0	0.022385	0.038893	0.061278	0	0	0
Statewide Totals	2033	UBUS	Aggregate	Aggregate	Natural Ga:	5441.577	598129.4347	598129.4	0	21766.31	0	0.069393	0	0	0.069393	0.000421	0	0	0.000421	0.005339	0.025281	0.031041	0.00044	0	0	0.00044	0.021355	0.072232	0.094027	1238.915	0	0
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Gasoline	50.36405	5922.814834	5922.815	0	1007.684	0	0.017621	0	5.67E-05	0.017678	7.33E-06	0	4.81E-07	7.81E-06	3.26E-05	0.000202	0.000242	7.97E-06	0	5.23E-07	8.49E-06	0.000131	0.000577	0.000716	12.02465	0	0.052766
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Diesel	356554.7	49434540	49434540	0	5902380	0	74.99431	26.19116	17.44286	118.6283	1.434694	0.01088	0	1.445574	0.484914	1.543237	3.473725	1.499564	0.011372	0	1.510936	1.939655	4.409248	7.85984	73597.69	4996.159	0
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Electricity	39493.12	4637934.037	0	4637934	545262.5	8450607	0	0	0	0	0	0	0	0	0.044451	0.077272	0.121723	0	0	0	0	0.177803	0.220778	0.398581	0	0	0
Statewide Totals	2034	HHDT	Aggregate	Aggregate	Natural Ga:	21778.84	1338731.177	1338731	0	157939.3	0	0.680503	0.198619	0	0.879122	0.002332	0.000559	0	0.002891	0.013281	0.078876	0.095049	0.002537	0.000608	0	0.003144	0.053125	0.225361	0.281631	1719.757	207.5911	0
Statewide Totals	2034	LDA	Aggregate	Aggregate	Gasoline	12482174	489828263.9	4.9E+08	0	57856507	0	12.93877	0	11.84502	24.7838	0.407615	0	0.078947	0.486562	1.079887	1.448977	3.015426	0.443318	0	0.085862	0.52918	4.319549	4.139934	8.988663	130353.6	0	3707.807
Statewide Totals	2034	LDA	Aggregate	Aggregate	Diesel	16029.29	480762.0967	480762.1	0	68297.58	0	0.036325	0	0	0.036325	0.002463	0	0	0.002463	0.00106	0.001449	0.004972	0.002575	0	0	0.002575	0.00424	0.00414	0.010954	112.0921	0	0
Statewide Totals	2034	LDA	Aggregate	Aggregate	Electricity	1406153	60833654.97	0	60833655	6748312	23486812	0	0	0	0	0	0	0	0	0.134115	0.102959	0.237074	0	0	0	0	0.536461	0.294168	0.830629	0	0	0
Statewide Totals	2034	LDA	Aggregate	Aggregate	Plug-in Hyb	542264.8	22653209.17	9690590	12962619	2242265	3915097	0.070937	0	0.280531	0.351468	0.008007	0	0.003015	0.011023	0.049942	0.035096	0.096061	0.008709	0	0.00328	0.011988	0.199767	0.100275	0.31203	3067.183	0	143.8804
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Gasoline	1075762	37260627.88	37260628	0	4728819	0	2.244325	0	1.336803	3.581127	0.042226	0	0.008503	0.050728	0.082146	0.135129	0.268003	0.045924	0	0.009247	0.055172	0.328583	0.386084	0.769838	11966.35	0	376.1166
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Diesel	8.915111	338.4921015	338.4921	0	40.48217	0	4.29E-05	0	0	4.29E-05	3.98E-06	0	0	3.98E-06	7.46E-07	1.18E-06	5.9E-06	4.16E-06	0	0	4.16E-06	2.98E-06	3.36E-06	1.05E-05	0.133763	0	0
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Electricity	14954.38	686092.5839	0	686092.6	73255.03	264888.4	0	0	0	0	0	0	0	0	0.001513	0.001159	0.002672	0	0	0	0	0.00605	0.003311	0.009362	0	0	0
Statewide Totals	2034	LDT1	Aggregate	Aggregate	Plug-in Hyb	11605.27	522476.4215	214103.1	308373.3	47987.78	93137.94	0.00157	0	0.005996	0.007566	0.000128	0	4.52E-05	0.000173	0.001152	0.000813	0.002138	0.000139	0	4.92E-05	0.000189	0.004607	0.002322	0.007118	68.00941	0	3.387073
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Gasoline	7156983	276578794.5	2.77E+08	0	33168275	0	10.5523	0	8.431362	18.98366	0.240309	0	0.045788	0.286097	0.609752	0.973941	1.86979	0.261358	0	0.049799	0.311157	2.439009	2.782688	5.532854	89394.45	0	2618.399
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Diesel	26510.8	1039752.571	1039753	0	124017.6	0	0.036876	0	0	0.036876	0.004718	0	0	0.004718	0.002292	0.00365	0.010661	0.004932	0	0	0.004932	0.009169	0.010429	0.02453	310.433	0	0
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Electricity	183289.5	5787735.029	0	5787735	897688.6	2234543	0	0	0	0	0	0	0	0	0.01276	0.009783	0.022543	0	0	0	0	0.051039	0.027952	0.078992	0	0	0
Statewide Totals	2034	LDT2	Aggregate	Aggregate	Plug-in Hyb	144073	6116715.299	2553089	3563626	595741.7	1076321	0.018712	0	0.0745	0.093212	0.001773	0	0.000658	0.002431	0.013485	0.009505	0.025421	0.001928	0	0.000716	0.002644	0.05394	0.027158	0.083742	809.6514	0	44.99907
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Gasoline	454860.5	16558788.16	16558788	0	6776744	0	1.224389	0.014708	3.655137	4.894233	0.021249	0	0.001188	0.022437	0.036506	0.498305	0.557248	0.02311	0	0.001292	0.024403	0.146024	1.423729	1.594155	12207.18	56.20188	185.7309
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Diesel	332965.5	11797368.75	11797369	0	4188287	0	10.45478	0.546578	0	11.00136	0.298622	0.009572	0	0.308194	0.039013	0.355019	0.702226	0.312124	0.010005	0	0.322129	0.156052	1.014341	1.492523	7194.272	45.46432	0
Statewide Totals	2034	LHDT1	Aggregate	Aggregate	Electricity	120194.5	6619124.88	0	6619125	1682140	4006478	0	0	0	0	0	0	0	0	0.014593	0.099595	0.114188	0	0	0	0	0.058371	0.284557	0.342928	0	0	0
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Gasoline	61325.91	2132771.846	2132772	0	913664.6	0	0.134374	0.00193	0.496895	0.633199	0.002432	0	0.000122	0.002554	0.004702	0.074879	0.082134	0.002645	0	0.000132	0.002777	0.018808	0.213939	0.235524	1770.6	8.823446	24.34786

Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Diesel	150277.5	5291489.005	5291489	0	1890302	0	4.237807	0.240135	0	4.477943	0.13244	0.004371	0	0.13681	0.017499	0.185777	0.340086	0.138428	0.004568	0	0.142996	0.069994	0.530791	0.743782	3785.648	32.87746	0
Statewide Totals	2034	LHDT2	Aggregate	Aggregate	Electricity	30819.35	1625641.664	0	1625642	408466.9	974657.1	0	0	0	0	0	0	0	0	0.003584	0.028537	0.032121	0	0	0	0	0.014336	0.081534	0.09587	0	0	0
Statewide Totals	2034	MCY	Aggregate	Aggregate	Gasoline	721047.7	4091407.178	4091407	0	1442095	0	2.293072	0	0.1565	2.449572	0.009268	0	0.004936	0.014204	0.00451	0.018942	0.037656	0.009935	0	0.005281	0.015216	0.01804	0.05412	0.087376	857.9034	0	66.89293
Statewide Totals	2034	MDV	Aggregate	Aggregate	Gasoline	4314393	158893974.2	1.59E+08	0	19722973	0	7.762134	0	5.82324	13.58537	0.142341	0	0.028838	0.171179	0.350301	0.567273	1.088754	0.154809	0	0.031363	0.186173	1.401206	1.620781	3.208159	62794.71	0	1923.299
Statewide Totals	2034	MDV	Aggregate	Aggregate	Diesel	57366.06	2010510.204	2010510	0	258903.9	0	0.069199	0	0	0.069199	0.00627	0	0	0.00627	0.004432	0.007302	0.018004	0.006554	0	0	0.006554	0.01773	0.020862	0.045146	813.3327	0	0
Statewide Totals	2034	MDV	Aggregate	Aggregate	Electricity	174614.3	5466794.403	0	5466794	852877.3	2110634	0	0	0	0	0	0	0	0	0.012052	0.00925	0.021302	0	0	0	0	0.048209	0.026428	0.074637	0	0	0
Statewide Totals	2034	MDV	Aggregate	Aggregate	Plug-in Hyb	89686.2	3717912.236	1555220	2162693	370852.4	653197.6	0.011386	0	0.046374	0.05776	0.001134	0	0.000434	0.001568	0.008197	0.005775	0.015539	0.001234	0	0.000472	0.001706	0.032786	0.016499	0.050991	492.6789	0	34.2087
Statewide Totals	2034	MH	Aggregate	Aggregate	Gasoline	55588.3	552046.9766	552047	0	5561.054	0	0.096925	0	0.003	0.099925	0.000679	0	1.88E-06	0.000681	0.001826	0.009374	0.011881	0.000739	0	2.05E-06	0.000741	0.007302	0.026782	0.034825	1128.701	0	0.185676
Statewide Totals	2034	MH	Aggregate	Aggregate	Diesel	33935.52	307868.3446	307868.3	0	3393.552	0	1.080269	0	0	1.080269	0.023266	0	0	0.023266	0.001357	0.005208	0.029832	0.024318	0	0	0.024318	0.00543	0.014881	0.044629	355.1327	0	0
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Gasoline	36476.81	1859073.496	1859073	0	729828	0	0.277945	0.002924	0.269572	0.55044	0.002305	0	0.000344	0.002649	0.006148	0.031517	0.040314	0.002507	0	0.000374	0.002881	0.024591	0.090047	0.11752	3201.164	20.2301	32.8499
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Diesel	282262.5	11319757.37	11319757	0	3391948	0	6.329034	2.698222	5.283783	14.31104	0.061148	0.001562	0	0.06271	0.037434	0.193097	0.293241	0.063913	0.001632	0	0.065546	0.149735	0.551706	0.766987	13087.49	641.976	0
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Electricity	72384.87	3748709.434	0	3748709	925976.8	4006958	0	0	0	0	0	0	0	0	0.012397	0.031969	0.044366	0	0	0	0	0.049587	0.09134	0.140927	0	0	0
Statewide Totals	2034	MHDT	Aggregate	Aggregate	Natural Ga:	4224.918	171134.5247	171134.5	0	37617.3	0	0.014689	0.030248	0	0.044938	0.000228	9.92E-05	0	0.000327	0.000566	0.002931	0.003824	0.000248	0.000108	0	0.000356	0.002264	0.008373	0.010993	166.2998	25.47218	0
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Gasoline	8964.914	321567.3167	321567.3	0	179370	0	0.099074	0.000553	0.073026	0.172653	0.000373	0	5.6E-05	0.000429	0.001063	0.005493	0.006986	0.000406	0	6.09E-05	0.000467	0.004254	0.015694	0.020414	564.4799	3.596879	5.951548
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Diesel	11602.36	757211.5582	757211.6	0	137609.5	0	1.040373	0.112964	0.196353	1.34969	0.018941	0.000111	0	0.019052	0.002504	0.01773	0.039287	0.019798	0.000116	0	0.019914	0.010016	0.050658	0.080589	1048.805	30.73226	0
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Electricity	1284.868	98628.16694	0	98628.17	25707.64	106690.9	0	0	0	0	0	0	0	0	0.000326	0.000841	0.001168	0	0	0	0	0.001305	0.002404	0.003709	0	0	0
Statewide Totals	2034	OBUS	Aggregate	Aggregate	Natural Ga:	933.3586	50020.22308	50020.22	0	8306.892	0	0.005662	0.001558	0	0.00722	6.17E-05	4.58E-06	0	6.63E-05	0.000165	0.000859	0.00109	6.71E-05	4.98E-06	0	7.21E-05	0.000662	0.002454	0.003187	46.67722	1.214337	0
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Gasoline	6490.808	339133.4019	339133.4	0	25963.23	0	0.090321	0.005962	0.024508	0.12079	0.000344	0	1.53E-05	0.000359	0.000748	0.00599	0.007096	0.000374	0	1.67E-05	0.00039	0.002991	0.017113	0.020494	309.2914	18.13872	1.5326
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Diesel	15983.1	339737.0638	339737.1	0	231435.3	0	0.764637	0.265443	0.150829	1.180909	0.004747	0.000156	0	0.004903	0.001123	0.005941	0.011968	0.004962	0.000163	0	0.005125	0.004494	0.016975	0.026593	418.7978	37.2549	0
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Electricity	3562.132	109300.6304	0	109300.6	44871.35	119506.9	0	0	0	0	0	0	0	0	0.000326	0.000963	0.001289	0	0	0	0	0.001303	0.002751	0.004054	0	0	0
Statewide Totals	2034	SBUS	Aggregate	Aggregate	Natural Ga:	5404.883	118766.559	118766.6	0	78262.71	0	0.071724	0.030718	0	0.102442	0.000516	8.4E-05	0	0.0006	0.000393	0.002125	0.003118	0.000561	9.14E-05	0	0.000653	0.001571	0.006072	0.008296	196.346	25.03082	0
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Gasoline	2347.636	207209.6617	207209.7	0	9390.545	0	0.025988	0	0.005852	0.03184	0.00029	0	4.4E-06	0.000295	0.000527	0.007739	0.00856	0.000316	0	4.78E-06	0.000321	0.002106	0.022111	0.024538	256.1493	0	0.646258
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Diesel	1722.095	166577.9311	166577.9	0	6888.378	0	0.062323	0	0	0.062323	0.001167	0	0	0.001167	0.001345	0.007043	0.009554	0.001219	0	0	0.001219	0.005378	0.020122	0.02672	204.608	0	0
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Electricity	6120.747	669314.4033	0	669314.4	24482.99	1277585	0	0	0	0	0	0	0	0	0.005771	0.014203	0.019974	0	0	0	0	0.023085	0.040579	0.063664	0	0	0
Statewide Totals	2034	UBUS	Aggregate	Aggregate	Natural Ga:	5319.952	593629.9697	593630	0	21279.81	0	0.069224	0	0	0.069224	0.000434	0	0	0.000434	0.005313	0.02509	0.030837	0.000454	0	0	0.000454	0.021252	0.071684	0.09339	1234.158	0	0
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Gasoline	48.16486	5692.057876	5692.058	0	963.6825	0	0.016678	0	2.38E-06	0.01668	7.07E-06	0	4.6E-07	7.53E-06	3.14E-05	0.000195	0.000234	7.69E-06	0	5E-07	8.19E-06	0.000125	0.000556	0.00069	11.43093	0	0.049715
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Diesel	359761.9	50374336.17	50374336	0	5980942	0	75.30586	26.43324	17.57157	119.3107	1.456899	0.010922	0	1.467821	0.494369	1.579686	3.541875	1.522774	0.011416	0	1.534189	1.977476	4.513387	8.025052	74210.87	5028.948	0
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Electricity	45666.71	5293906.477	0	5293906	623838.6	9646653	0	0	0	0	0	0	0	0	0.050682	0.088378	0.13906	0	0	0	0	0.202728	0.252507	0.455235	0	0	0
Statewide Totals	2035	HHDT	Aggregate	Aggregate	Natural Ga:	21666.64	1333763.931	1333764	0	157885	0	0.640247	0.196435	0	0.836681	0.002318	0.00057	0	0.002888	0.013232	0.078264	0.094384	0.002521	0.00062	0	0.003141	0.052928	0.223612	0.279681	1702.494	206.8033	0
Statewide Totals	2035	LDA	Aggregate	Aggregate	Gasoline	12476484	489877319.5	4.9E+08	0	57857638	0	12.54961	0	11.61469	24.1643	0.383507	0	0.074458	0.457965	1.079995	1.448349	2.986309	0.417099	0	0.08098	0.498079	4.319981	4.13814	8.9562	129111	0	3661.169
Statewide Totals	2035	LDA	Aggregate	Aggregate	Diesel	14614.04	439593.8179	439593.8	0	62227.82	0	0.030807	0	0	0.030807	0.002049	0	0	0.002049	0.000969	0.001322	0.004341	0.002142	0	0	0.002142	0.003877	0.003777	0.009796	100.7949	0	0
Statewide Totals	2035	LDA	Aggregate	Aggregate	Electricity	1454951	62378720.67	0	62378721	6963275	24083335	0	0	0	0	0	0	0	0	0.137522	0.105596	0.243117	0	0	0	0	0.550086	0.301702	0.851788	0	0	0
Statewide Totals	2035	LDA	Aggregate	Aggregate	Plug-in Hyb	551388.1	22859643.11	9701557	13158086	2279990	3974134	0.071008	0	0.285266	0.356275	0.007576	0	0.002916	0.010492	0.050397	0.035447	0.096337	0.00824	0	0.003172	0.011412	0.201588	0.101278	0.314277	3070.242	0	145.2929
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Gasoline	1061127	36866506.85	36866507	0	4673216	0	2.008459	0	1.26841	3.276869	0.038585	0	0.007827	0.046412	0.081277	0.133511	0.2612	0.041965	0	0.008512	0.050477	0.325107	0.381461	0.757046	11696.21	0	365.1911
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Diesel	9.18579	348.4285746	348.4286	0	41.77248	0	3.94E-05	0	0	3.94E-05	3.74E-06	0	0	3.74E-06	7.68E-07	1.21E-06	5.72E-06	3.91E-06	0	0	3.91E-06	3.07E-06	3.47E-06	1.04E-05	0.13694	0	0
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Electricity	16334.68	740774.0207	0	740774	79764.6	285999.9	0	0	0	0	0	0	0	0	0.001633	0.001252	0.002885	0	0	0	0	0.006533	0.003577	0.010109	0	0	0
Statewide Totals	2035	LDT1	Aggregate	Aggregate	Plug-in Hyb	12665.25	562078.1839	230060.4	332017.8	52370.8	100279.3	0.001687	0	0.006544	0.008231	0.000135	0	4.83E-05	0.000183	0.001239	0.000875	0.002297	0.000147	0	5.26E-05	0.000199	0.004957	0.002499	0.007655	73.06227	0	3.691692
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Gasoline	7218592	278114294.6	2.78E+08	0	33430020	0	10.07583	0	8.349446	18.42528	0.227859	0	0.043624	0.271483	0.613137	0.979576	1.864196	0.247818	0	0.047445	0.295262	2.45255	2.798788	5.5466	88958.17	0	2605.762
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Diesel	26762.5	1046251.776	1046252	0	125068.7	0	0.036606	0	0	0.036606	0.004736	0	0	0.004736	0.002307	0.003674	0.010716	0.00495	0	0	0.00495	0.009226	0.010496	0.024672	309.2409	0	0
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Electricity	197625.2	6151823.737	0	6151824	963803	2375112	0	0	0	0	0	0	0	0	0.013562	0.010403	0.023966	0	0	0	0	0.05425	0.029723	0.083973	0	0	0
Statewide Totals	2035	LDT2	Aggregate	Aggregate	Plug-in Hyb	152170.6	6383240.724	2653809	3729432	629225.6	1126400	0.019448	0	0.078691	0.098139	0.001775	0	0.000671	0.002446	0.014073	0.009926	0.026444	0.00193	0	0.00073	0.00266	0.056291	0.028359	0.08731	841.4454	0	47.34459
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Gasoline	442479	15935907.02	15935907	0	6592278	0	1.07985	0.014061	3.469521	4.563431	0.019987	0	0.00103	0.021017	0.035133	0.479561	0.53571	0.021738	0	0.00112	0.022858	0.140531	1.370174	1.533562	11667.35	54.42242	179.9564
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Diesel	323800.2	11341644.37	11341644	0	4072999	0	9.21446	0.514492	0	9.728952	0.277376	0.009307	0	0.286683	0.037506	0.341305	0.665495	0.289918	0.009728	0	0.299646	0.150024	0.975158	1.424828	6892.853	43.93921	0
Statewide Totals	2035	LHDT1	Aggregate	Aggregate	Electricity	143818.3	7772907.478	0	7772907	2012712	4705944	0	0	0	0	0	0	0	0	0.017136	0.116955	0.134092	0	0	0	0	0.068545	0.334158	0.402704	0	0	0
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Gasoline	59228.59	2040828.7	2040829	0	882417.8	0	0.117101	0.00182	0.466494	0.585415	0.002314	0	0.00011	0.002424	0.004499	0.071651	0.078574	0.002517	0	0.000119	0.002636	0.017997	0.204716	0.22535	1680.111	8.478753	23.41684
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Diesel	147523.7	5119729.93	5119730	0	1855663	0	3.934177	0.229515	0	4.163692	0.126109	0.004269	0	0.130378	0.016931	0.179747	0.327056	0.131812	0.004462	0	0.136274	0.067722	0.513562	0.717558	3647.725	32.13721	0
Statewide Totals	2035	LHDT2	Aggregate	Aggregate	Electricity	36878.69	1910416.25	0	1910416	488706.1	1145512	0	0	0	0	0	0	0	0	0.004212	0.033536	0.037748	0	0	0	0	0.016847	0.095817	0.112664	0	0	0
Statewide Totals	2035	MCY	Aggregate	Aggregate	Gasoline	724797.8	4094402.047	4094402	0	1449596	0	2.272368	0	0.152445	2.424813	0.009341	0	0.00501	0.014351	0.004513	0.018956	0.03782	0.010013	0	0.005362	0.015375	0.018053	0.05416	0.087588	857.6732	0	66.40147
Statewide Totals	2035	MDV	Aggregate	Aggregate	Gasoline	4332193	159243386.7	1.59E+08	0	19797855	0	7.321512	0	5.70603	13.02754	0.135042	0	0.027432	0.162474	0.351072	0.56867	1.082216	0.146871	0	0.029835	0.176705	1.404287	1.624772	3.205765	62238.38	0	1904.851
Statewide Totals	2035	MDV	Aggregate	Aggregate	Diesel	56343.67	1970400.485	1970400	0	254018.6	0	0.06161	0	0	0.06161	0.005572	0	0	0.005572	0.004344	0.007148	0.017064	0.005824	0	0	0.005824	0.017376	0.020423	0.043623	786.997	0	0
Statewide Totals	2035	MDV	Aggregate	Aggregate	Electricity	186780	5763664.862	0	5763665	908368.1	2225250	0	0	0	0	0	0	0	0	0.012707	0.009757	0.022463	0	0	0	0	0.050827	0.027877	0.078703	0	0	0
Statewide Totals	2035	MDV	Aggregate	Aggregate	Plug-in Hyb	94682.59	3879656.999	1616029	2263628	391512.5	683683.2	0.01183	0	0.04896	0.06079	0.001129	0	0.00044	0.001569	0.008553	0.00603	0.016152	0.001228	0	0.000478	0.001706	0.034213	0.017229	0.053148	511.8875	0	35.95848
Statewide Totals	2035	MH	Aggregate	Aggregate	Gasoline	54030.3	541622.3594	541622.4	0	5405.191	0	0.088207	0	0.002915	0.091122	0.000666	0	1.84E-06	0.000668	0.001791	0.009196	0.011655	0.000724	0	2E-06	0.000726	0.007164	0.026275	0.034165	1107.16	0	0.180104
Statewide Totals	2035	MH	Aggregate	Aggregate	Diesel	33674.36	305434.5662	305434.6	0	3367.436	0	1.037558	0	0	1.037558	0.021654	0	0	0.021654	0.001347	0.005167	0.028168	0.022634	0	0	0.022634	0.005387	0.014762	0.042782	352.3981	0	0
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Gasoline	34992.32	1762299.714	1762300	0	700126.3	0	0.246333	0.002756	0.257877	0.506966	0.002198	0	0.000332	0.00253	0.005828	0.029878	0.038236	0.002391	0	0.000361	0.002752	0.023311	0.085365	0.111429	3013.576	19.2746	31.2132
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Diesel	276502.1	11078238.42	11078238	0	3323913	0	5.832749	2.570116	5.092669	13.49553	0.056775	0.001363	0	0.058139	0.036635	0.188952	0.283726	0.059343	0.001425	0	0.060767	0.14654	0.539863	0.747171	12727.52	623.9156	0
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Electricity	85783.8	4405080.979	0	4405081	1097683	4707520	0	0	0	0	0	0	0	0	0.014567	0.037569	0.052136	0	0	0	0	0.058269	0.107339	0.165609	0	0	0
Statewide Totals	2035	MHDT	Aggregate	Aggregate	Natural Ga:	4215.94	169037.2646	169037.3	0	37606.67	0	0.014177	0.030123	0	0.044301	0.000227	9.98E-05	0	0.000326	0.000559	0.002895	0.00378	0.000247	0.000108	0	0.000355	0.002236	0.00827	0.010861	163.9194	25.40825	0
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Gasoline	8605.215	300285.9462	300285.9	0	172173.1	0	0.088179	0.000526	0.069662	0.158367	0.000351	0	5.31E-05	0.000404	0.000993	0.005128	0.006526	0.000382	0	5.77E-05	0.000439	0.003972	0.014653	0.019064	523.7795	3.441792	5.696201
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Diesel	11625.82	760244.3538	760244.4	0	137702.4	0	1.000095	0.108206	0.19069	1.29899	0.018033	0.000105	0	0.018138	0.002514	0.017855	0.038507	0.018848	0.00011	0	0.018958	0.010056	0.051014	0.080029	1047.262	30.32787	0
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Electricity	1497.319	113371.331	0	113371.3	29958.35	122642.3	0	0	0	0	0	0	0	0	0.000375	0.000967	0.001342	0	0	0	0	0.0015	0.002763	0.004263	0	0	0
Statewide Totals	2035	OBUS	Aggregate	Aggregate	Natural Ga:	945.9437	50614.86281	50614.86	0	8418.899	0	0.005559	0.001576	0	0.007135	6.33E-05	4.71E-06	0	6.8E-05	0.000167	0.000869	0.001104	6.89E-05	5.12E-06	0	7.4E-05	0.00067	0.002483	0.003226	46.97765	1.228052	0
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Gasoline	6373.341	332368.4097	332368.4	0	25493.36	0	0.070578	0.005813	0.024199	0.100591	0.000339	0	1.51E-05	0.000354	0.000733	0.00587	0.006957	0.000368	0	1.65E-05	0.000385	0.002931	0.016772	0.020088	302.0493	17.75455	1.490944
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Diesel	15485.36	327474.9893	327475	0	224228	0	0.640494	0.2371	0.150912	1.028505	0.004052	0.000128	0	0.00418	0.001083	0.005726	0.010989	0.004235	0.000134	0	0.004369	0.004332	0.01636	0.02506	401.7459	35.74398	0
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Electricity	4199.788	128749.9526	0	128750	52909.85	140778.8	0	0	0	0	0	0	0	0	0.000384	0.001134	0.001518	0	0	0	0	0.001535	0.003241	0.004776	0	0	0
Statewide Totals	2035	SBUS	Aggregate	Aggregate	Natural Ga:	5421.76	117290.0579	117290.1	0	78507.08	0	0.069	0.030784	0	0.099784	0.00051	8.5E-05	0	0.000595	0.000388	0.002099	0.003081	0.000554	9.24E-05	0	0.000647	0.001551	0.005997	0.008195	193.0507	25.12434	0
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Gasoline	2186.902	192941.3535	192941.4	0	8747.606	0	0.020523	0	0.005022	0.025545	0.000263	0	3.61E-06	0.000267	0.000478	0.007127	0.007872	0.000286	0	3.93E-06	0.00029	0.001914	0.020363	0.022567	222.1905	0	0.556332
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Diesel	1245.469	126074.263	126074.3	0	4981.876	0	0.045205	0	0	0.045205	0.000854	0	0	0.000854	0.000977	0.005324	0.007155	0.000893	0	0	0.000893	0.003908	0.015211	0.020012	151.4071	0	0
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Electricity	8118.576	844624.9539	0	844625	32474.3	1610654	0	0	0	0	0	0	0	0	0.007333	0.017923	0.025256	0	0	0	0	0.029333	0.051207	0.08054	0	0	0
Statewide Totals	2035	UBUS	Aggregate	Aggregate	Natural Ga:	4062.957	484015.394	484015.4	0	16251.83	0	0.056037	0	0	0.056037	0.000379	0	0	0.000379	0.004288	0.020437	0.025104	0.000396	0	0	0.000396	0.01715	0.058391	0.075938	997.1126	0	0
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Gasoline	46.15883	5466.477821	5466.478	0	923.5458	0	0.015554	0	4.03E-07	0.015555	6.82E-06	0	4.44E-07	7.27E-06	3.01E-05	0.000188	0.000225	7.42E-06	0	4.83E-07	7.9E-06	0.000121	0.000536	0.000665	10.86506	0	0.0468
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Diesel	362908.2	51251123.75	51251124	0	6060300	0	75.51889	26.71546	17.68664	119.921	1.475635	0.011009	0	1.486644	0.503197	1.613404	3.603246	1.542357	0.011507	0	1.553864	2.012789	4.609726	8.176379	74770.7	5071.507	0
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Electricity	51777.24	5911860.092	0	5911860	700452.1	10772570	0	0	0	0	0	0	0	0	0.056533	0.098862	0.155395	0	0	0	0	0.226131	0.282462	0.508594	0	0	0
Statewide Totals	2036	HHDT	Aggregate	Aggregate	Natural Ga:	21501.51	1324452.912	1324453	0	157354.1	0	0.60453	0.193921	0	0.798452	0.002303	0.000579	0	0.002882	0.013139	0.077459	0.09348	0.002505	0.00063	0	0.003135	0.052558	0.22131	0.277003	1681.364	205.4847	0
Statewide Totals	2036	LDA	Aggregate	Aggregate	Gasoline	12477791	490153384.7	4.9E+08	0	57893988	0	12.20687	0	11.40948	23.61635	0.362571	0	0.070465	0.433036	1.080592	1.449768	2.963395	0.394329	0	0.076637	0.470966	4.322367	4.142193	8.935526	128106.5	0	3621.294
Statewide Totals	2036	LDA	Aggregate	Aggregate	Diesel	13369.14	405788.2667	405788.3	0	57012.07	0	0.026134	0	0	0.026134	0.001673	0	0	0.001673	0.000895	0.001218	0.003786	0.001749	0	0	0.001749	0.003578	0.003481	0.008808	91.45913	0	0
Statewide Totals	2036	LDA	Aggregate	Aggregate	Electricity	1499173	63728686.13	0	63728686	7156663	24604533	0	0	0	0	0	0	0	0	0.140498	0.107901	0.248398	0	0	0	0	0.561991	0.308288	0.870278	0	0	0

Statewide Totals	2036	LDA	Aggregate	Aggregate	Plug-in Hyb	559265.8	23027314.11	9703854	13323460	2312564	4024082	0.071068	0	0.289356	0.360424	0.007181	0	0.002816	0.009998	0.050767	0.035746	0.09651	0.00781	0	0.003063	0.010873	0.203066	0.102131	0.316071	3072.391	0	146.4279
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Gasoline	1046983	36506486.09	36506486	0	4621148	0	1.79481	0	1.204745	2.999555	0.035641	0	0.00726	0.042901	0.080482	0.132138	0.25552	0.038762	0	0.007896	0.046658	0.321928	0.377536	0.746122	11451.79	0	355.0027
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Diesel	8.844373	350.5026878	350.5027	0	41.42145	0	2.61E-05	0	0	2.61E-05	1.9E-06	0	0	1.9E-06	7.73E-07	1.22E-06	3.9E-06	1.99E-06	0	0	1.99E-06	3.09E-06	3.49E-06	8.57E-06	0.136735	0	0
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Electricity	17669.56	791509.461	0	791509.5	85990.92	305588	0	0	0	0	0	0	0	0	0.001745	0.001338	0.003083	0	0	0	0	0	0.00698	0.003823	0.010803	0	0	0
Statewide Totals	2036	LDT1	Aggregate	Aggregate	Plug-in Hyb	13686.51	598802.2425	244857.1	353945.1	56593.7	106902	0.001797	0	0.007072	0.008869	0.000141	0	5.13E-05	0.000192	0.00132	0.000933	0.002445	0.000153	0	5.58E-05	0.000209	0.005281	0.002665	0.008154	77.79439	0	3.985079
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Gasoline	7275369	279469127.7	2.79E+08	0	33670259	0	9.658433	0	8.280835	17.93927	0.216871	0	0.04164	0.258511	0.616116	0.985412	1.860039	0.235867	0	0.045287	0.281154	2.464465	2.815463	5.561083	88577.91	0	2594.57
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Diesel	27019.59	1052769.593	1052770	0	126144.2	0	0.036431	0	0	0.036431	0.004757	0	0	0.004757	0.002321	0.003701	0.010779	0.004973	0	0	0.004973	0.009284	0.010573	0.02483	308.3958	0	0
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Electricity	211232.9	6483905.614	0	6483906	1025916	2503323	0	0	0	0	0	0	0	0	0.014295	0.010969	0.025264	0	0	0	0	0	0.057178	0.03134	0.088519	0	0	0
Statewide Totals	2036	LDT2	Aggregate	Aggregate	Plug-in Hyb	159720	6623354.339	2744192	3879162	660442.4	1171623	0.020123	0	0.0826	0.102722	0.001774	0	0.000682	0.002456	0.014602	0.010308	0.027366	0.00193	0	0.000742	0.002672	0.058408	0.029452	0.090531	870.5015	0	49.52101
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Gasoline	430836.1	15356879.38	15356879	0	6418815	0	0.926848	0.013471	3.314726	4.255045	0.019122	0	0.000973	0.020095	0.033856	0.462136	0.516087	0.020797	0	0.001058	0.021855	0.135424	1.320389	1.477668	11169.56	52.77146	174.2597
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Diesel	314802.5	10914416.55	10914417	0	3959820	0	8.128108	0.484254	0	8.612361	0.258256	0.009056	0	0.267312	0.036093	0.328449	0.631854	0.269933	0.009466	0	0.279399	0.144373	0.938425	1.362197	6608.14	42.46353	0
Statewide Totals	2036	LHDT1	Aggregate	Aggregate	Electricity	167704	8867091.451	0	8867091	2346951	5369571	0	0	0	0	0	0	0	0	0.019549	0.133419	0.152968	0	0	0	0	0	0.078194	0.381198	0.459392	0	0	0
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Gasoline	57169.79	1954241.015	1954241	0	851744.6	0	0.101316	0.001715	0.437525	0.540556	0.002215	0	0.000102	0.002316	0.004308	0.068611	0.075235	0.002409	0	0.00011	0.002519	0.017233	0.196031	0.215783	1595.115	8.143711	22.50466
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Diesel	144753.1	4956169.41	4956169	0	1820812	0	3.652059	0.21951	0	3.871569	0.120842	0.004185	0	0.125027	0.01639	0.174004	0.315421	0.126305	0.004374	0	0.13068	0.065559	0.497155	0.693394	3515.536	31.40032	0
Statewide Totals	2036	LHDT2	Aggregate	Aggregate	Electricity	43003.76	2181037.905	0	2181038	569804.5	1307899	0	0	0	0	0	0	0	0	0.004808	0.038287	0.043095	0	0	0	0	0	0.019233	0.10939	0.128624	0	0	0
Statewide Totals	2036	MCY	Aggregate	Aggregate	Gasoline	728529.1	4097331.203	4097331	0	1457058	0	2.253789	0	0.148651	2.40244	0.009411	0	0.005081	0.014492	0.004516	0.018969	0.037978	0.01009	0	0.005438	0.015528	0.018066	0.054198	0.087793	857.6398	0	65.95543
Statewide Totals	2036	MDV	Aggregate	Aggregate	Gasoline	4351129	159602297.8	1.6E+08	0	19875945	0	6.962833	0	5.617689	12.58052	0.128873	0	0.026248	0.155121	0.351859	0.570625	1.077605	0.140161	0	0.028547	0.168709	1.407435	1.630357	3.206501	61772.6	0	1889.317
Statewide Totals	2036	MDV	Aggregate	Aggregate	Diesel	55369.93	1934521.238	1934521	0	249469.5	0	0.055184	0	0	0.055184	0.004968	0	0	0.004968	0.004265	0.007015	0.016247	0.005192	0	0	0.005192	0.017059	0.020042	0.042294	763.2733	0	0
Statewide Totals	2036	MDV	Aggregate	Aggregate	Electricity	198326.1	6033736.617	0	6033737	960462.2	2329520	0	0	0	0	0	0	0	0	0.013302	0.010218	0.02352	0	0	0	0	0	0.053208	0.029195	0.082404	0	0	0
Statewide Totals	2036	MDV	Aggregate	Aggregate	Plug-in Hyb	99380.41	4026398.187	1671043	2355356	410938	711387.6	0.012241	0	0.051392	0.063632	0.001123	0	0.000445	0.001568	0.008877	0.006264	0.016709	0.001221	0	0.000484	0.001705	0.035507	0.017899	0.05511	529.5828	0	37.59755
Statewide Totals	2036	MH	Aggregate	Aggregate	Gasoline	52686.07	532755.3448	532755.3	0	5270.714	0	0.081485	0	0.00283	0.084315	0.000656	0	1.81E-06	0.000657	0.001762	0.009046	0.011465	0.000713	0	1.97E-06	0.000715	0.007047	0.025844	0.033606	1088.669	0	0.175342
Statewide Totals	2036	MH	Aggregate	Aggregate	Diesel	33379.65	302957.8504	302957.9	0	3337.965	0	0.996196	0	0	0.996196	0.020112	0	0	0.020112	0.001336	0.005124	0.026572	0.021022	0	0	0.021022	0.005343	0.014641	0.041006	349.5745	0	0
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Gasoline	33584.36	1672351.527	1672352	0	671955.8	0	0.21903	0.002597	0.249139	0.470766	0.002098	0	0.000321	0.002419	0.00553	0.028355	0.036304	0.002282	0	0.000349	0.00263	0.022121	0.081015	0.105767	2840.341	18.37524	29.68488
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Diesel	270503.8	10855293.74	10855294	0	3253058	0	5.394921	2.448059	4.899852	12.74283	0.053343	0.001215	0	0.054558	0.035897	0.185126	0.275581	0.055755	0.00127	0	0.057025	0.14359	0.528931	0.729546	12392.62	605.5598	0
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Electricity	99236.76	5046408.003	0	5046408	1270277	5391293	0	0	0	0	0	0	0	0	0.016688	0.043042	0.05973	0	0	0	0	0	0.066752	0.122977	0.189729	0	0	0
Statewide Totals	2036	MHDT	Aggregate	Aggregate	Natural Ga:	4189.921	166838.9387	166838.9	0	37428.59	0	0.013658	0.02988	0	0.043538	0.000226	1E-04	0	0.000326	0.000552	0.002857	0.003734	0.000245	0.000109	0	0.000354	0.002207	0.008163	0.010724	161.4659	25.24796	0
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Gasoline	8263.548	281257.1707	281257.2	0	165337.1	0	0.081247	0.000501	0.067341	0.149088	0.000332	0	5.11E-05	0.000383	0.00093	0.004803	0.006116	0.000361	0	5.55E-05	0.000416	0.00372	0.013723	0.01786	487.5951	3.2947	5.449871
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Diesel	11630.49	763253.1246	763253.1	0	137631.3	0	0.960244	0.103415	0.185029	1.248688	0.017219	9.98E-05	0	0.017319	0.002524	0.017975	0.037818	0.017998	0.000104	0	0.018102	0.010096	0.051358	0.079556	1046.194	29.91415	0
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Electricity	1704.166	127124.0091	0	127124	34096.96	137525.4	0	0	0	0	0	0	0	0	0.00042	0.001084	0.001505	0	0	0	0	0	0.001682	0.003098	0.00478	0	0	0
Statewide Totals	2036	OBUS	Aggregate	Aggregate	Natural Ga:	956.2222	51182.46655	51182.47	0	8510.377	0	0.005449	0.001591	0	0.007039	6.49E-05	4.82E-06	0	6.97E-05	0.000169	0.000879	0.001118	7.06E-05	5.25E-06	0	7.58E-05	0.000677	0.00251	0.003263	47.28279	1.238867	0
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Gasoline	6224.362	324171.756	324171.8	0	24897.45	0	0.061558	0.005628	0.023827	0.091014	0.000337	0	1.51E-05	0.000352	0.000715	0.005725	0.006792	0.000366	0	1.64E-05	0.000383	0.002859	0.016358	0.0196	293.393	17.2756	1.447204
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Diesel	15008.15	315656.2815	315656.3	0	217318	0	0.535506	0.210787	0.150699	0.896992	0.003429	0.000104	0	0.003532	0.001044	0.005519	0.010095	0.003584	0.000108	0	0.003692	0.004175	0.015767	0.023635	385.3762	34.28878	0
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Electricity	4836.617	147977.3926	0	147977.4	60945.47	161808.6	0	0	0	0	0	0	0	0	0.000441	0.001304	0.001745	0	0	0	0	0	0.001765	0.003725	0.005489	0	0	0
Statewide Totals	2036	SBUS	Aggregate	Aggregate	Natural Ga:	5421.98	115537.6611	115537.7	0	78510.27	0	0.066059	0.030752	0	0.096811	0.000502	8.58E-05	0	0.000588	0.000382	0.002067	0.003037	0.000546	9.33E-05	0	0.000639	0.001528	0.005907	0.008074	189.2863	25.14402	0
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Gasoline	2166.154	192909.577	192909.6	0	8664.616	0	0.02047	0	0.004948	0.025418	0.000261	0	3.39E-06	0.000265	0.000475	0.0071	0.00784	0.000284	0	3.69E-06	0.000288	0.001898	0.020287	0.022473	217.1728	0	0.534612
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Diesel	1129.848	114620.9684	114621	0	4519.392	0	0.042456	0	0	0.042456	0.000806	0	0	0.000806	0.000913	0.004838	0.006556	0.000842	0	0	0.000842	0.00365	0.013822	0.018314	139.7061	0	0
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Electricity	9008.192	940271.3439	0	940271.3	36032.77	1797987	0	0	0	0	0	0	0	0	0.008111	0.019952	0.028063	0	0	0	0	0	0.032445	0.057006	0.089451	0	0	0
Statewide Totals	2036	UBUS	Aggregate	Aggregate	Natural Ga:	3661.208	440714.0987	440714.1	0	14644.83	0	0.051296	0	0	0.051296	0.000369	0	0	0.000369	0.003917	0.018596	0.022882	0.000385	0	0	0.000385	0.015669	0.053132	0.069186	909.6907	0	0
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Gasoline	44.37926	5250.05584	5250.056	0	887.9402	0	0.014516	0	0	0.014516	6.58E-06	0	4.3E-07	7.01E-06	2.89E-05	0.000181	0.000217	7.16E-06	0	4.68E-07	7.63E-06	0.000116	0.000517	0.00064	10.34177	0	0.044472
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Diesel	366473	52202884.81	52202885	0	6148266	0	76.04891	27.05869	17.81513	120.9227	1.499692	0.01113	0	1.510822	0.512759	1.648315	3.671897	1.567502	0.011633	0	1.579135	2.051035	4.709473	8.339643	75541.24	5127.808	0
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Electricity	57816.95	6501114.253	0	6501114	775541.9	11847345	0	0	0	0	0	0	0	0	0.062106	0.108868	0.170974	0	0	0	0	0	0.248424	0.31105	0.559474	0	0	0
Statewide Totals	2037	HHDT	Aggregate	Aggregate	Natural Ga:	21321.63	1314341.231	1314341	0	156766.8	0	0.570024	0.191709	0	0.761732	0.002289	0.000588	0	0.002876	0.013039	0.076597	0.092512	0.002489	0.000639	0	0.003128	0.052157	0.218849	0.274134	1659.905	204.1459	0
Statewide Totals	2037	LDA	Aggregate	Aggregate	Gasoline	12490536	490642603.9	4.91E+08	0	57976254	0	11.9267	0	11.24057	23.16727	0.343994	0	0.066855	0.410849	1.08167	1.450599	2.943118	0.374124	0	0.072711	0.446836	4.326682	4.144568	8.918086	127300	0	3589.541
Statewide Totals	2037	LDA	Aggregate	Aggregate	Diesel	12336.18	378856.5485	378856.5	0	52730.14	0	0.022451	0	0	0.022451	0.00138	0	0	0.00138	0.000835	0.001135	0.00335	0.001442	0	0	0.001442	0.003341	0.003242	0.008025	84.01289	0	0
Statewide Totals	2037	LDA	Aggregate	Aggregate	Electricity	1539042	64899846.69	0	64899847	7329823	25056697	0	0	0	0	0	0	0	0	0.14308	0.109901	0.252981	0	0	0	0	0	0.572319	0.314004	0.886322	0	0	0
Statewide Totals	2037	LDA	Aggregate	Aggregate	Plug-in Hyb	566049.1	23161965.66	9699997	13461969	2340613	4065916	0.071032	0	0.292879	0.363911	0.006819	0	0.002718	0.009537	0.051063	0.035978	0.096578	0.007416	0	0.002956	0.010372	0.204254	0.102795	0.317421	3070.822	0	147.3376
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Gasoline	1035140	36202323.06	36202323	0	4577742	0	1.620294	0	1.150293	2.770588	0.033083	0	0.006761	0.039844	0.079811	0.13086	0.250516	0.035981	0	0.007354	0.043334	0.319246	0.373886	0.736466	11239.1	0	346.2724
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Diesel	9.138516	359.5215751	359.5216	0	42.71889	0	2.45E-05	0	0	2.45E-05	1.91E-06	0	0	1.91E-06	7.93E-07	1.26E-06	3.96E-06	1.99E-06	0	0	1.99E-06	3.17E-06	3.59E-06	8.75E-06	0.139696	0	0
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Electricity	18957.76	838409.2659	0	838409.3	91932.17	323695.2	0	0	0	0	0	0	0	0	0.001848	0.001418	0.003266	0	0	0	0	0	0.007394	0.004052	0.011445	0	0	0
Statewide Totals	2037	LDT1	Aggregate	Aggregate	Plug-in Hyb	14666.61	632708.2849	258513.5	374194.8	60646.45	113018	0.001897	0	0.007578	0.009475	0.000147	0	5.41E-05	0.000201	0.001395	0.000986	0.002582	0.00016	0	5.89E-05	0.000218	0.00558	0.002817	0.008615	82.1176	0	4.266553
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Gasoline	7328229	280661381	2.81E+08	0	33892451	0	9.307756	0	8.227448	17.5352	0.206785	0	0.039791	0.246575	0.618745	0.989701	1.855021	0.224897	0	0.043276	0.268173	2.474979	2.827716	5.570868	88233.13	0	2585.141
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Diesel	27287.28	1059323.675	1059324	0	127259.4	0	0.036305	0	0	0.036305	0.004781	0	0	0.004781	0.002335	0.003725	0.010841	0.004997	0	0	0.004997	0.009342	0.010642	0.024981	307.9813	0	0
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Electricity	224043.1	6784071.348	0	6784071	1083800	2619211	0	0	0	0	0	0	0	0	0.014956	0.011481	0.026437	0	0	0	0	0	0.059825	0.032803	0.092628	0	0	0
Statewide Totals	2037	LDT2	Aggregate	Aggregate	Plug-in Hyb	166675.8	6836972.983	2824169	4012804	689204.6	1211986	0.020707	0	0.086201	0.106908	0.00177	0	0.00069	0.00246	0.015073	0.010646	0.028179	0.001925	0	0.000751	0.002675	0.060292	0.030417	0.093384	895.7317	0	51.51593
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Gasoline	419861.1	14830779.74	14830780	0	6255304	0	0.798166	0.012929	3.175537	3.986632	0.018364	0	0.000924	0.019288	0.032696	0.446304	0.498288	0.019972	0	0.001005	0.020978	0.130785	1.275155	1.426917	10725.97	51.22996	168.8868
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Diesel	305531.5	10510526.24	10510526	0	3843202	0	7.113993	0.454162	0	7.568155	0.239526	0.008797	0	0.248323	0.034758	0.316294	0.599375	0.250356	0.009195	0	0.259551	0.139031	0.903698	1.30228	6341.83	40.96048	0
Statewide Totals	2037	LHDT1	Aggregate	Aggregate	Electricity	191149.9	9875218.445	0	9875218	2674975	5981569	0	0	0	0	0	0	0	0	0.021771	0.148588	0.170359	0	0	0	0	0	0.087084	0.424537	0.511621	0	0	0
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Gasoline	55265.51	1876769.877	1876770	0	823373.8	0	0.088899	0.001618	0.410588	0.501105	0.002133	0	9.51E-05	0.002228	0.004138	0.065891	0.072256	0.002319	0	0.000103	0.002423	0.01655	0.188259	0.207232	1520.202	7.834689	21.66791
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Diesel	141759.1	4799043.838	4799044	0	1783151	0	3.381091	0.20935	0	3.590441	0.115314	0.004094	0	0.119407	0.01587	0.168488	0.303765	0.120528	0.004279	0	0.124806	0.063481	0.481394	0.669681	3390.162	30.62194	0
Statewide Totals	2037	LHDT2	Aggregate	Aggregate	Electricity	49020.34	2431334.699	0	2431335	649426.7	1458128	0	0	0	0	0	0	0	0	0.00536	0.04268	0.048041	0	0	0	0	0	0.021441	0.121944	0.143385	0	0	0
Statewide Totals	2037	MCY	Aggregate	Aggregate	Gasoline	732696.9	4100737.573	4100738	0	1465394	0	2.237769	0	0.145372	2.383141	0.009472	0	0.005152	0.014624	0.00452	0.018985	0.038129	0.010156	0	0.005515	0.015671	0.018081	0.054243	0.087995	857.6629	0	65.62574
Statewide Totals	2037	MDV	Aggregate	Aggregate	Gasoline	4369780	159952004.6	1.6E+08	0	19953753	0	6.6405	0	5.546322	12.18682	0.123089	0	0.025107	0.148197	0.35263	0.571977	1.072803	0.133871	0	0.027306	0.161177	1.410519	1.63422	3.205916	61365.55	0	1875.747
Statewide Totals	2037	MDV	Aggregate	Aggregate	Diesel	54452.69	1903292.653	1903293	0	245339.3	0	0.049367	0	0	0.049367	0.004373	0	0	0.004373	0.004196	0.006891	0.01546	0.00457	0	0	0.00457	0.016784	0.019689	0.041043	742.5803	0	0
Statewide Totals	2037	MDV	Aggregate	Aggregate	Electricity	209210.1	6277499.083	0	6277499	1009043	2423633	0	0	0	0	0	0	0	0	0.01384	0.010635	0.024475	0	0	0	0	0	0.055358	0.030387	0.085745	0	0	0
Statewide Totals	2037	MDV	Aggregate	Aggregate	Plug-in Hyb	103825.9	4160100.222	1721221	2438880	429320.1	736614.3	0.012607	0	0.053693	0.0663	0.001117	0	0.000449	0.001566	0.009171	0.006476	0.017214	0.001215	0	0.000489	0.001704	0.036686	0.018504	0.056893	545.4287	0	39.14882
Statewide Totals	2037	MH	Aggregate	Aggregate	Gasoline	51513.31	525143.1694	525143.2	0	5153.392	0	0.075633	0	0.002742	0.078375	0.000647	0	1.78E-06	0.000649	0.001737	0.008916	0.011301	0.000704	0	1.94E-06	0.000706	0.006946	0.025474	0.033126	1072.948	0	0.171157
Statewide Totals	2037	MH	Aggregate	Aggregate	Diesel	33042.07	300325.4439	300325.4	0	3304.207	0	0.95532	0	0	0.95532	0.018598	0	0	0.018598	0.001324	0.005079	0.025002	0.019439	0	0	0.019439	0.005297	0.014512	0.039248	346.608	0	0
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Gasoline	32222.78	1589405.017	1589405	0	644713.4	0	0.195499	0.002444	0.237798	0.435742	0.002004	0	0.000309	0.002314	0.005256	0.026951	0.03452	0.00218	0	0.000336	0.002516	0.021024	0.077002	0.100542	2682.152	17.51163	28.2213
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Diesel	264677.2	10659167.12	10659167	0	3184474	0	5.013166	2.333598	4.713142	12.05991	0.05053	0.001096	0	0.051626	0.035249	0.181753	0.268627	0.052814	0.001146	0	0.05396	0.140995	0.519293	0.714249	12097.04	587.8107	0
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Electricity	112555.8	5663019.117	0	5663019	1441129	6048998	0	0	0	0	0	0	0	0	0.018727	0.048304	0.067031	0	0	0	0	0	0.074908	0.138011	0.212919	0	0	0
Statewide Totals	2037	MHDT	Aggregate	Aggregate	Natural Ga:	4156.72	164818.9983	164819	0	37196.28	0	0.013179	0.029583	0	0.042762	0.000224	1E-04	0	0.000324	0.000545	0.002822	0.003692	0.000244	0.000109	0	0.000353	0.00218	0.008064	0.010597	159.2252	25.04307	0
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Gasoline	7974.225	264709.8036	264709.8	0	159548.3	0	0.075772	0.000479	0.066049	0.1423	0.000315	0	4.93E-05	0.000364	0.000875	0.00452	0.00576	0.000342	0	5.37E-05	0.000396	0.003502	0.012915	0.016812	456.2796	3.170353	5.244377
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Diesel	11652.59	766321.5414	766321.5	0	137755.2	0	0.921953	0.098716	0.179592	1.200261	0.016383	9.44E-05	0	0.016478	0.002534	0.018095	0.037107	0.017124	9.87E-05	0	0.017223	0.010137	0.051701	0.079061	1045.331	29.54054	0
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Electricity	1901.817	139626.7514	0	139626.8	38051.54	151057.3	0	0	0	0	0	0	0	0	0.000462	0.001191	0.001653	0	0	0	0	0	0.001847	0.003403	0.00525	0	0	0
Statewide Totals	2037	OBUS	Aggregate	Aggregate	Natural Ga:	965.589	51637.25493	51637.25	0	8593.742	0	0.005338	0.001603	0	0.006942	6.63E-05	4.94E-06	0	7.13E-05	0.000171	0.000886	0.001128	7.21E-05	5.37E-06	0	7.75E-05	0.000683	0.002533	0.003293	47.50269	1.248861	0
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Gasoline	6044.132	314285.3654	314285.4	0	24176.53	0	0.059773	0.005411	0.023641	0.088826	0.000337	0	1.52E-05	0.000353	0.000693	0.00555	0.006596	0.000367	0	1.65E-05	0.000383	0.002771	0.015858	0.019013	283.1124	16.70384	1.401746
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Diesel	14546.23	304322.0568	304322.1	0	210629.4	0	0.446853	0.186599	0.150121	0.783572	0.002879	8.32E-05	0	0.002962	0.001006	0.00532	0.009288	0.003009	8.7E-05	0	0.003096	0.004025	0.015199	0.022321	369.7069	32.87468	0

Statewide Totals	2037	SBUS	Aggregate	Aggregate	Electricity	5472.327	166962.4742	0	166962.5	68964.21	182570	0	0	0	0	0	0	0	0	0.000498	0.001471	0.001969	0	0	0	0	0.001991	0.004202	0.006193	0	0	0
Statewide Totals	2037	SBUS	Aggregate	Aggregate	Natural Ga:	5404.502	113518.0273	113518	0	78257.19	0	0.062917	0.030618	0	0.093535	0.000493	8.63E-05	0	0.00058	0.000375	0.002031	0.002986	0.000536	9.39E-05	0	0.00063	0.001502	0.005803	0.007935	185.0709	25.08467	0
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Gasoline	2048.628	182228.8596	182228.9	0	8194.513	0	0.015615	0	0.004246	0.01986	0.000242	0	2.72E-06	0.000244	0.000435	0.006622	0.007302	0.000263	0	2.96E-06	0.000266	0.001742	0.01892	0.020927	188.7087	0	0.458851
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Diesel	1001.054	103795.981	103796	0	4004.216	0	0.039482	0	0	0.039482	0.000757	0	0	0.000757	0.000844	0.004378	0.005979	0.000791	0	0	0.000791	0.003377	0.012509	0.016677	128.0098	0	0
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Electricity	10162.15	1082414.805	0	1082415	40648.61	2081175	0	0	0	0	0	0	0	0	0.0093	0.022968	0.032268	0	0	0	0	0.0372	0.065624	0.102824	0	0	0
Statewide Totals	2037	UBUS	Aggregate	Aggregate	Natural Ga:	3104.902	360923.2746	360923.3	0	12419.61	0	0.040479	0	0	0.040479	0.000334	0	0	0.000334	0.003186	0.015207	0.018727	0.000349	0	0	0.000349	0.012744	0.043448	0.056541	720.5954	0	0
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Gasoline	42.8273	5044.123793	5044.124	0	856.8886	0	0.013574	0	6.34E-06	0.01358	6.34E-06	0	4.19E-07	6.76E-06	2.78E-05	0.000174	0.000209	6.9E-06	0	4.55E-07	7.36E-06	0.000111	0.000498	0.000616	9.858255	0	0.042481
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Diesel	370536.1	53224068.27	53224068	0	6245673	0	76.72128	27.46442	17.96509	122.1508	1.519935	0.011282	0	1.531217	0.523001	1.68607	3.740288	1.588659	0.011792	0	1.600452	2.092005	4.817343	8.5098	76464.91	5197.573	0
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Electricity	63837.65	7068836.772	0	7068837	849895.7	12887542	0	0	0	0	0	0	0	0	0.06747	0.118514	0.185984	0	0	0	0	0.269882	0.338611	0.608493	0	0	0
Statewide Totals	2038	HHDT	Aggregate	Aggregate	Natural Ga:	1303070.747	1303071	0	155959	0	0.535662	0.189461	0	0.725123	0.002268	0.000595	0	0.002863	0.012928	0.075624	0.091414	0.002466	0.000647	0	0.003113	0.05171	0.216067	0.270891	1634.194	202.5888	0	0
Statewide Totals	2038	LDA	Aggregate	Aggregate	Gasoline	12511403	491273604.1	4.91E+08	0	58093670	0	11.68665	0	11.09748	22.78414	0.327891	0	0.063597	0.391488	1.083074	1.456201	2.930763	0.356612	0	0.069167	0.425779	4.332295	4.160575	8.918648	126659.1	0	3564.485
Statewide Totals	2038	LDA	Aggregate	Aggregate	Diesel	11502.08	357856.6959	357856.7	0	49302.55	0	0.019541	0	0	0.019541	0.00117	0	0	0.00117	0.000789	0.001072	0.003032	0.001223	0	0	0.001223	0.003156	0.003064	0.007443	78.15425	0	0
Statewide Totals	2038	LDA	Aggregate	Aggregate	Electricity	1574858	65908565.91	0	65908566	7484428	25446146	0	0	0	0	0	0	0	0	0.145304	0.111625	0.256929	0	0	0	0	0.581214	0.318929	0.900143	0	0	0
Statewide Totals	2038	LDA	Aggregate	Aggregate	Plug-in Hyb	571920.9	23269548.12	9692437	13577111	2364893	4100692	0.071045	0	0.295929	0.366973	0.006498	0	0.002623	0.009121	0.051301	0.0362	0.096621	0.007067	0	0.002853	0.00992	0.205202	0.103428	0.31855	3071.094	0	148.0781	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Gasoline	1023974	35927223.96	35927224	0	4538423	0	1.458132	0	1.099733	2.557865	0.030716	0	0.006288	0.037004	0.079206	0.130059	0.246269	0.033407	0	0.006838	0.040245	0.316824	0.371598	0.728668	11048.66	0	338.4246	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Diesel	9.410007	367.5613731	367.5614	0	43.90835	0	2.3E-05	0	0	2.3E-05	1.91E-06	0	0	1.91E-06	8.1E-07	1.29E-06	4.01E-06	1.99E-06	0	0	1.99E-06	3.24E-06	3.69E-06	8.93E-06	0.142267	0	0	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Electricity	20195.3	881517.7173	0	881517.7	97577.43	340338.6	0	0	0	0	0	0	0	0	0.001943	0.001492	0.003435	0	0	0	0	0.007774	0.004262	0.012035	0	0	0
Statewide Totals	2038	LDT1	Aggregate	Aggregate	Plug-in Hyb	15603.88	663870.5149	271058.9	392811.6	64522.06	118640.8	0.001991	0	0.008063	0.010054	0.000152	0	5.68E-05	0.000209	0.001464	0.001036	0.002708	0.000165	0	6.18E-05	0.000227	0.005854	0.002959	0.009041	86.17794	0	4.535618	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Gasoline	7377592	281715217.4	2.82E+08	0	34100550	0	8.974389	0	8.18065	17.15504	0.197786	0	0.038084	0.23587	0.621076	0.996355	1.853301	0.21511	0	0.04142	0.25653	2.484304	2.846729	5.587563	87934.67	0	2577.398	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Diesel	27560.18	1065748.966	1065749	0	128391.6	0	0.036296	0	0	0.036296	0.004813	0	0	0.004813	0.00235	0.003759	0.010922	0.00503	0	0	0.00503	0.009398	0.010741	0.02517	307.7689	0	0	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Electricity	236008.9	7052773.369	0	7052773	1137331	2722953	0	0	0	0	0	0	0	0	0.015549	0.01194	0.027488	0	0	0	0	0.062195	0.034114	0.096308	0	0	0
Statewide Totals	2038	LDT2	Aggregate	Aggregate	Plug-in Hyb	173040.5	7025400.743	2894339	4131062	715522.6	1247704	0.021243	0	0.089497	0.110741	0.001763	0	0.000696	0.002459	0.015488	0.010954	0.028902	0.001917	0	0.000757	0.002675	0.061953	0.031297	0.095925	918.8264	0	53.33165	0
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Gasoline	408882.8	14340023.85	14340024	0	6091745	0	0.661529	0.012406	3.044882	3.718818	0.017589	0	0.000874	0.018463	0.031614	0.431536	0.481613	0.01913	0	0.00095	0.02008	0.126457	1.232959	1.379497	10292.66	49.70459	163.4858	0
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Diesel	296595.5	10137259.55	10137260	0	3730798	0	6.252343	0.425912	0	6.678256	0.221842	0.008545	0	0.230386	0.033523	0.305062	0.568971	0.231873	0.008931	0	0.240804	0.134093	0.871604	1.246501	6088.237	39.52468	0	0
Statewide Totals	2038	LHDT1	Aggregate	Aggregate	Electricity	214073.8	10806846.27	0	10806846	2995610	6551505	0	0	0	0	0	0	0	0	0.023825	0.162606	0.186431	0	0	0	0	0.0953	0.464588	0.559888	0	0	0	0
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Gasoline	53439.57	1805837.307	1805837	0	796170	0	0.077955	0.001526	0.384607	0.464088	0.002058	0	8.97E-05	0.002147	0.003981	0.0634	0.069529	0.002238	0	9.75E-05	0.002335	0.015925	0.181144	0.199404	1448.57	7.539577	20.86943	0
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Diesel	138648	4649116.073	4649116	0	1744017	0	3.125577	0.199285	0	3.324862	0.109584	0.003998	0	0.113581	0.015374	0.163224	0.29218	0.114539	0.004178	0	0.118717	0.061497	0.466354	0.646569	3266.858	29.82693	0	0
Statewide Totals	2038	LHDT2	Aggregate	Aggregate	Electricity	54913.63	2663699.861	0	2663700	727380.4	1598646	0	0	0	0	0	0	0	0	0.005872	0.046759	0.052632	0	0	0	0	0.02349	0.133598	0.157088	0	0	0	0
Statewide Totals	2038	MCY	Aggregate	Aggregate	Gasoline	736724.6	4103673.811	4103674	0	1473449	0	2.223343	0	0.142225	2.365569	0.009529	0	0.005217	0.014747	0.004524	0.018999	0.038269	0.010218	0	0.005586	0.015804	0.018094	0.054282	0.08818	857.7046	0	65.31398	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Gasoline	4389046	160289829.1	1.6E+08	0	20033320	0	6.36401	0	5.491924	11.85593	0.117911	0	0.024053	0.141964	0.353379	0.575022	1.070364	0.128239	0	0.026159	0.154398	1.413515	1.64292	3.210834	61021.34	0	1864.768	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Diesel	53624.22	1875922.102	1875922	0	241647.7	0	0.044747	0	0	0.044747	0.003938	0	0	0.003938	0.004136	0.006802	0.014875	0.004116	0	0	0.004116	0.016543	0.019433	0.040092	724.1288	0	0	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Electricity	219403.8	6495657.005	0	6495657	1054062	2507860	0	0	0	0	0	0	0	0	0.01432	0.011009	0.025329	0	0	0	0	0.057282	0.031454	0.088736	0	0	0	0
Statewide Totals	2038	MDV	Aggregate	Aggregate	Plug-in Hyb	107965	4279859.666	1766021	2513839	446435.4	759254.2	0.01295	0	0.055836	0.068786	0.001111	0	0.000453	0.001564	0.009435	0.006673	0.017672	0.001209	0	0.000493	0.001701	0.037742	0.019065	0.058508	560.1757	0	40.58815	0
Statewide Totals	2038	MH	Aggregate	Aggregate	Gasoline	50488.49	518456.4512	518456.5	0	5050.868	0	0.07084	0	0.002655	0.073495	0.000639	0	1.76E-06	0.000641	0.001715	0.008798	0.011154	0.000695	0	1.92E-06	0.000697	0.006858	0.025138	0.032693	1058.826	0	0.167522	0
Statewide Totals	2038	MH	Aggregate	Aggregate	Diesel	32693.16	297675.0383	297675	0	3269.316	0	0.914552	0	0	0.914552	0.017119	0	0	0.017119	0.001313	0.005033	0.023464	0.017893	0	0	0.017893	0.00525	0.014379	0.037522	343.3605	0	0	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Gasoline	30950.67	1513915.407	1513915	0	619261	0	0.175242	0.002302	0.228545	0.406089	0.001914	0	0.000299	0.002213	0.005006	0.025663	0.032882	0.002082	0	0.000325	0.002406	0.020026	0.073323	0.095755	2538.269	16.70898	26.8764	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Diesel	259226.3	10486246.21	10486246	0	3120599	0	4.672307	2.227788	4.536003	11.4361	0.048363	0.000998	0	0.04936	0.034677	0.178692	0.262729	0.050549	0.001043	0	0.051592	0.138709	0.510548	0.700849	11828.25	571.1845	0	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Electricity	125805.9	6258987.596	0	6258988	1610914	6687885	0	0	0	0	0	0	0	0	0.020698	0.053365	0.074063	0	0	0	0	0.082792	0.15247	0.235262	0	0	0	0
Statewide Totals	2038	MHDT	Aggregate	Aggregate	Natural Ga:	4110.023	162627.3184	162627.3	0	36828.57	0	0.012661	0.029199	0	0.04186	0.000222	9.96E-05	0	0.000322	0.000538	0.002784	0.003643	0.000242	0.000108	0	0.00035	0.002151	0.007953	0.010454	156.5522	24.7572	0	0
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Gasoline	7692.919	250073.5406	250073.5	0	153919.9	0	0.07061	0.000459	0.062186	0.133254	0.000299	0	4.74E-05	0.000346	0.000827	0.004271	0.005443	0.000325	0	5.15E-05	0.000376	0.003308	0.012201	0.015886	428.6509	3.049475	5.03791	0
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Diesel	11685.03	769361.7126	769361.7	0	137958.3	0	0.886286	0.094045	0.174509	1.15484	0.01546	8.89E-05	0	0.015549	0.002544	0.018216	0.03631	0.016159	9.29E-05	0	0.016252	0.010177	0.052047	0.078476	1044.52	29.17592	0	0
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Electricity	2089.978	150941.1083	0	150941.1	41816.28	163285.2	0	0	0	0	0	0	0	0	0.000499	0.001288	0.001787	0	0	0	0	0.001997	0.003679	0.005676	0	0	0	0
Statewide Totals	2038	OBUS	Aggregate	Aggregate	Natural Ga:	975.8619	52032.41696	52032.42	0	8685.171	0	0.005252	0.001618	0	0.00687	6.75E-05	5.05E-06	0	7.26E-05	0.000172	0.000893	0.001138	7.34E-05	5.49E-06	0	7.89E-05	0.000688	0.002552	0.003319	47.70076	1.259914	0	0
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Gasoline	5835.368	302846.8545	302846.9	0	23341.47	0	0.056925	0.005163	0.022852	0.08494	0.000337	0	1.53E-05	0.000353	0.000668	0.005348	0.006368	0.000367	0	1.66E-05	0.000383	0.002671	0.015279	0.018334	271.3531	16.04796	1.348619	0
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Diesel	14095.48	293322.2738	293322.3	0	204102.5	0	0.371278	0.164839	0.148943	0.68506	0.002401	6.66E-05	0	0.002468	0.00097	0.005127	0.008565	0.00251	6.96E-05	0	0.00258	0.00388	0.014649	0.021108	354.5329	31.49627	0	0
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Electricity	6110.542	185798.7774	0	185798.8	77015.76	203159.2	0	0	0	0	0	0	0	0	0.000554	0.001637	0.002191	0	0	0	0	0.002215	0.004676	0.006892	0	0	0	0
Statewide Totals	2038	SBUS	Aggregate	Aggregate	Natural Ga:	5362.055	111296.2872	111296.3	0	77642.55	0	0.059712	0.030338	0	0.090049	0.000484	8.66E-05	0	0.00057	0.000368	0.001991	0.00293	0.000526	9.42E-05	0	0.00062	0.001472	0.00569	0.007782	180.5573	24.91217	0	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Gasoline	1993.389	178062.084	178062.1	0	7973.555	0	0.013146	0	0.003852	0.016998	0.000232	0	2.34E-06	0.000234	0.000418	0.00642	0.007071	0.000252	0	2.54E-06	0.000254	0.001671	0.018342	0.020268	173.402	0	0.416886	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Diesel	913.2037	95389.71741	95389.72	0	3652.815	0	0.03667	0	0	0.03667	0.000708	0	0	0.000708	0.000782	0.004021	0.005511	0.00074	0	0	0.00074	0.003127	0.01149	0.015356	118.1374	0	0	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Electricity	11180.04	1202037.985	0	1202038	44720.16	2313018	0	0	0	0	0	0	0	0	0.010335	0.025507	0.035842	0	0	0	0	0.041341	0.072876	0.114217	0	0	0	0
Statewide Totals	2038	UBUS	Aggregate	Aggregate	Natural Ga:	2581.235	294702.911	294702.9	0	10324.94	0	0.033727	0	0	0.033727	0.000313	0	0	0.000313	0.002577	0.012393	0.015283	0.000327	0	0	0.000327	0.010309	0.03541	0.046045	592.7922	0	0	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Gasoline	41.38491	4847.819836	4847.82	0	828.0293	0	0.012702	0	2.56E-05	0.012728	6.13E-06	0	4.09E-07	6.54E-06	2.67E-05	0.000168	0.000201	6.67E-06	0	4.44E-07	7.11E-06	0.000107	0.00048	0.000594	9.407744	0	0.040676	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Diesel	375037.1	54310648.99	54310649	0	6352022	0	77.59848	27.92784	18.13988	123.6662	1.547925	0.011462	0	1.559387	0.533884	1.723853	3.817124	1.617916	0.01198	0	1.629896	2.135535	4.925295	8.690725	77565.99	5279.553	0	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Electricity	69871.49	7619937.824	0	7619938	923922.8	13893109	0	0	0	0	0	0	0	0	0.072673	0.127874	0.200547	0	0	0	0	0.290692	0.365354	0.656047	0	0	0	0
Statewide Totals	2039	HHDT	Aggregate	Aggregate	Natural Ga:	20911.51	1291710.741	1291711	0	155210.1	0	0.502802	0.187532	0	0.690334	0.002246	0.000602	0	0.002848	0.012815	0.074692	0.090355	0.002443	0.000654	0	0.003097	0.051259	0.213407	0.267763	1612.796	201.1319	0	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Gasoline	12539053	492024848.6	4.92E+08	0	58240175	0	11.47902	0	10.97556	22.45458	0.31393	0	0.060711	0.374641	1.08473	1.45796	2.917331	0.341428	0	0.066028	0.407456	4.338919	4.165601	8.911976	126188.4	0	3545.232	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Diesel	10841.69	341745.5411	341745.5	0	46609.59	0	0.017228	0	0	0.017228	0.001004	0	0	0.001004	0.000753	0.001022	0.002779	0.001049	0	0	0.001049	0.003014	0.00292	0.006983	73.6477	0	0	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Electricity	1606904	66772762.47	0	66772762	7621967	25779797	0	0	0	0	0	0	0	0	0.147209	0.113102	0.260311	0	0	0	0	0.588835	0.32315	0.911984	0	0	0	0
Statewide Totals	2039	LDA	Aggregate	Aggregate	Plug-in Hyb	577006.6	23355296.28	9683302	13671995	2385922	4129350	0.07097	0	0.29857	0.369541	0.006215	0	0.002535	0.008749	0.05149	0.03635	0.096588	0.006759	0	0.002757	0.009516	0.205958	0.103856	0.31933	3067.903	0	148.6892	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Gasoline	1013975	35688993.85	35688994	0	4504498	0	1.322011	0	1.055913	2.377924	0.028542	0	0.005852	0.034395	0.078681	0.129035	0.242111	0.031043	0	0.006365	0.037408	0.314723	0.368671	0.720802	10881.4	0	331.4761	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Diesel	9.662423	374.7765241	374.7765	0	45.00378	0	2.17E-05	0	0	2.17E-05	1.91E-06	0	0	1.91E-06	8.26E-07	1.32E-06	4.06E-06	2E-06	0	0	2E-06	3.3E-06	3.77E-06	9.07E-06	0.144606	0	0	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Electricity	21381.57	920961.1391	0	920961.1	102925.2	355567	0	0	0	0	0	0	0	0	0.00203	0.001559	0.003589	0	0	0	0	0.008121	0.004454	0.012575	0	0	0	0
Statewide Totals	2039	LDT1	Aggregate	Aggregate	Plug-in Hyb	16495.72	692379.577	282534.7	409844.9	68209.8	123785.4	0.002075	0	0.008524	0.010599	0.000156	0	5.93E-05	0.000216	0.001526	0.001081	0.002823	0.00017	0	6.45E-05	0.000235	0.006106	0.003087	0.009428	89.81217	0	4.791534	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Gasoline	7426168	282709067.5	2.83E+08	0	34304574	0	8.67601	0	8.145345	16.82136	0.189879	0	0.03658	0.226459	0.623267	0.999912	1.849639	0.20651	0	0.039784	0.246295	2.493069	2.856893	5.596256	87708.35	0	2572.251	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Diesel	27830.23	1071854.386	1071854	0	129505.5	0	0.036273	0	0	0.036273	0.004839	0	0	0.004839	0.002363	0.003782	0.010985	0.005058	0	0	0.005058	0.009452	0.010806	0.025317	307.8522	0	0	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Electricity	247086	7290954.787	0	7290955	1186399	2814910	0	0	0	0	0	0	0	0	0.016074	0.012347	0.02842	0	0	0	0	0.064295	0.035276	0.099571	0	0	0	0
Statewide Totals	2039	LDT2	Aggregate	Aggregate	Plug-in Hyb	178818.3	7190258.346	2955501	4234758	739413.8	1279023	0.02169	0	0.09249	0.11418	0.001754	0	0.000701	0.002454	0.015852	0.011215	0.029521	0.001907	0	0.000762	0.002669	0.063407	0.032044	0.09812	938.1127	0	54.9727	0
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Gasoline	398654.2	13892107.6	13892108	0	5939353	0	0.54665	0.011933	2.92906	3.487644	0.016911	0	0.000831	0.017742	0.030627	0.418057	0.466426	0.018392	0	0.000904	0.019296	0.122507	1.194447	1.336251	9922.744	48.29845	158.4385	0
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Diesel	288004.6	9792440.149	9792440	0	3622735	0	5.477836	0.399507	0	5.877342	0.206512	0.008308	0	0.21482	0.032383	0.294685	0.541888	0.21585	0.008684	0	0.224533	0.129532	0.841957	1.196022	5861.049	38.15697	0	0
Statewide Totals	2039	LHDT1	Aggregate	Aggregate	Electricity	236417.3	11669379.54	0	11669380	3308040	7076024	0	0	0	0	0	0	0	0	0.025727	0.175584	0.20131	0	0	0	0	0.102906	0.501668	0.604575	0	0	0	0
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Gasoline	51713.8	1741171.547	1741172	0	770458.5	0	0.067048	0.001441	0.360674	0.429162	0.001989	0	8.46E-05	0.002073	0.003839	0.06113	0.067042	0.002163	0	9.2E-05	0.002255	0.015355	0.174657	0.192267	1386.808	7.261877	20.11324	0
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Diesel	135567.8	4508629.603	4508630	0	1705273	0	2.885701	0.18972	0	3.075421	0.104352	0.003911	0	0.108264	0.01491	0.158292	0.281465	0.109071	0.004088	0	0.113159	0.059639	0.452262	0.62506	3155.835	29.04038	0	0
Statewide Totals	2039	LHDT2	Aggregate	Aggregate	Electricity	60668.12	2879739.494	0	2879739	803471.1	1728449	0	0	0	0	0	0	0	0	0.006349	0.050552	0.056901	0	0	0	0	0.025395	0.144434	0.169829	0	0	0	0
Statewide Totals	2039	MCY	Aggregate	Aggregate	Gasoline	740735.2	4106448.112	4106448	0	1481470	0	2.210359	0	0.13926	2.349619	0.009575	0	0.005276	0.014851	0.004527	0.019012	0.038389	0.010267	0	0.00565	0.015918	0.018106	0.054319	0.088343	857.722	0	65.0367	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Gasoline	4405017	160570782.2	1.61E+08	0	20103409	0	6.045764	0	5.433319	11.47908	0.112759	0	0.022951	0.135709	0.353998	0.576059	1.065767	0.122635	0	0.024961	0.147596	1.415993	1.645884	3.209473	60713.11	0	1854.073	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Diesel	52832.68	1852099.677	1852100	0	238293.9	0	0.039755	0	0	0.039755	0.003526	0	0	0.003526	0.004083	0.006705	0.014314	0.003686	0	0	0.003686	0.016333	0.019156	0.039175	708.2777	0	0	0
Statewide Totals	2039	MDV	Aggregate	Aggregate	Electricity	228880.3	6689326.664	0	6689327	1095477	2582632	0	0	0	0	0	0	0	0	0.014747	0.011341	0.026088	0	0	0	0	0.05899	0.032402	0.091392	0	0	0	0

Statewide Totals	2039	MDV	Aggregate	Aggregate	Plug-in Hyb	111801.2	4386634.618	1805907	2580728	462298	779456.7	0.013241	0	0.057822	0.071063	0.001105	0	0.000456	0.001561	0.009671	0.006842	0.018074	0.001202	0	0.000496	0.001698	0.038683	0.019549	0.05993	572.7738	0	41.91884
Statewide Totals	2039	MH	Aggregate	Aggregate	Gasoline	49562.08	512426.955	512427	0	4958.19	0	0.066247	0	0.002564	0.068811	0.000636	0	1.75E-06	0.000638	0.001695	0.008696	0.011028	0.000692	0	1.9E-06	0.000693	0.006778	0.024845	0.032317	1046.39	0	0.164192
Statewide Totals	2039	MH	Aggregate	Aggregate	Diesel	32346.18	295076.2186	295076.2	0	3234.618	0	0.877572	0	0	0.877572	0.015768	0	0	0.015768	0.001301	0.004988	0.022057	0.01648	0	0	0.01648	0.005204	0.014252	0.035937	340.4385	0	0
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Gasoline	29744.18	1445275.215	1445275	0	595121.6	0	0.157123	0.002169	0.219061	0.378353	0.001834	0	0.000288	0.002122	0.004779	0.024501	0.031403	0.001994	0	0.000314	0.002308	0.019118	0.070003	0.091429	2409.213	15.95296	25.61404
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Diesel	254277.1	10340344.53	10340345	0	3063047	0	4.390919	2.132434	4.37383	10.89718	0.046489	0.000921	0	0.04741	0.034195	0.176176	0.257781	0.048591	0.000962	0	0.049553	0.136779	0.50336	0.689693	11599.37	555.9529	0
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Electricity	138879.4	6831158.27	0	6831158	1778315	7298136	0	0	0	0	0	0	0	0	0.02259	0.058245	0.080835	0	0	0	0	0.090361	0.166415	0.256776	0	0	0
Statewide Totals	2039	MHDT	Aggregate	Aggregate	Natural Ga:	4059.471	160463.6092	160463.6	0	36440.18	0	0.012204	0.028783	0	0.040987	0.000221	9.91E-05	0	0.00032	0.000531	0.002746	0.003597	0.00024	0.000108	0	0.000348	0.002123	0.007847	0.010318	154.1949	24.44188	0
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Gasoline	7431.582	237239.4728	237239.5	0	148691.1	0	0.064986	0.00044	0.05791	0.123336	0.000284	0	4.55E-05	0.000329	0.000785	0.004051	0.005165	0.000308	0	4.95E-05	0.000358	0.003138	0.011575	0.015071	404.5147	2.937218	4.840264
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Diesel	11731.18	772398.105	772398.1	0	138298.8	0	0.856566	0.089691	0.169848	1.116104	0.014781	8.48E-05	0	0.014866	0.002554	0.018329	0.035749	0.015449	8.86E-05	0	0.015538	0.010217	0.052369	0.078124	1044.125	28.8521	0
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Electricity	2269.209	161163.0456	0	161163	45402.34	174350.3	0	0	0	0	0	0	0	0	0.000533	0.001375	0.001908	0	0	0	0	0.002132	0.003928	0.00606	0	0	0
Statewide Totals	2039	OBUS	Aggregate	Aggregate	Natural Ga:	986.7014	52362.15787	52362.16	0	8781.643	0	0.005182	0.001634	0	0.006816	6.85E-05	5.15E-06	0	7.36E-05	0.000173	0.000899	0.001146	7.45E-05	5.6E-06	0	8.01E-05	0.000693	0.002568	0.003341	47.85677	1.271898	0
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Gasoline	5601.113	290302.2114	290302.2	0	22404.45	0	0.054275	0.004887	0.022145	0.081306	0.000336	0	1.53E-05	0.000352	0.00064	0.005126	0.006118	0.000366	0	1.66E-05	0.000383	0.00256	0.014645	0.017588	258.535	15.31708	1.289112
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Diesel	13653.4	282650.3042	282650.3	0	197701.3	0	0.307191	0.145813	0.146903	0.599907	0.001997	5.38E-05	0	0.002051	0.000935	0.00494	0.007926	0.002087	5.62E-05	0	0.002144	0.003739	0.014115	0.019997	339.8652	30.15197	0
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Electricity	6758.419	204675.1032	0	204675.1	85198.91	223790.4	0	0	0	0	0	0	0	0	0.00061	0.001803	0.002413	0	0	0	0	0.00244	0.005151	0.007592	0	0	0
Statewide Totals	2039	SBUS	Aggregate	Aggregate	Natural Ga:	5289.709	108730.3605	108730.4	0	76594.98	0	0.056259	0.029883	0	0.086142	0.000472	8.65E-05	0	0.000559	0.00036	0.001945	0.002864	0.000514	9.41E-05	0	0.000608	0.001438	0.005559	0.007605	175.4452	24.6016	0
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Gasoline	1888.701	169131.3601	169131.4	0	7554.802	0	0.007921	0	0.003101	0.011022	0.000211	0	1.72E-06	0.000213	0.000385	0.006015	0.006613	0.00023	0	1.88E-06	0.000232	0.001538	0.017187	0.018957	146.7227	0	0.347263
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Diesel	692.5845	72789.47327	72789.47	0	2770.338	0	0.029056	0	0	0.029056	0.000573	0	0	0.000573	0.000613	0.003062	0.004248	0.000599	0	0	0.000599	0.002451	0.008749	0.011799	91.51364	0	0
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Electricity	12374.77	1334230.296	0	1334230	49499.09	2568222	0	0	0	0	0	0	0	0	0.011427	0.028312	0.039739	0	0	0	0	0.045709	0.080891	0.1266	0	0	0
Statewide Totals	2039	UBUS	Aggregate	Aggregate	Natural Ga:	2062.713	234850.0282	234850	0	8250.851	0	0.027429	0	0	0.027429	0.000266	0	0	0.000266	0.002056	0.00985	0.012172	0.000278	0	0	0.000278	0.008225	0.028143	0.036646	476.5721	0	0
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Gasoline	39.87658	4658.980429	4658.98	0	797.8507	0	0.01189	0	5.58E-05	0.011945	5.92E-06	0	3.97E-07	6.31E-06	2.57E-05	0.000162	0.000194	6.43E-06	0	4.32E-07	6.87E-06	0.000103	0.000463	0.000573	8.983229	0	0.038823
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Diesel	380017.3	55464868.77	55464869	0	6468132	0	78.59107	28.44928	18.34309	125.3834	1.577876	0.011662	0	1.589538	0.545426	1.763161	3.898126	1.649221	0.012189	0	1.66141	2.181705	5.037603	8.880719	78813.79	5373.753	0
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Electricity	75911.52	8153464.859	0	8153465	997545.8	14866687	0	0	0	0	0	0	0	0	0.077708	0.13695	0.214657	0	0	0	0	0.31083	0.391284	0.702115	0	0	0
Statewide Totals	2040	HHDT	Aggregate	Aggregate	Natural Ga:	20706.72	1280367.579	1280368	0	154498.2	0	0.469991	0.185902	0	0.655892	0.002216	0.000608	0	0.002823	0.012702	0.073763	0.089289	0.00241	0.000661	0	0.003071	0.050809	0.210751	0.264631	1591.965	199.742	0
Statewide Totals	2040	LDA	Aggregate	Aggregate	Gasoline	12570406	492838889.3	4.93E+08	0	58404644	0	11.28957	0	10.86771	22.15729	0.301987	0	0.058145	0.360133	1.086525	1.45996	2.906617	0.328439	0	0.063238	0.391677	4.346098	4.171314	8.90909	125844.4	0	3530.412
Statewide Totals	2040	LDA	Aggregate	Aggregate	Diesel	10264.84	329214.8806	329214.9	0	44360.78	0	0.014805	0	0	0.014805	0.000855	0	0	0.000855	0.000726	0.000983	0.002564	0.000894	0	0	0.000894	0.002903	0.002808	0.006605	70.10114	0	0
Statewide Totals	2040	LDA	Aggregate	Aggregate	Electricity	1635561	67512037.71	0	67512038	7744337	26065219	0	0	0	0	0	0	0	0	0.148839	0.114366	0.263205	0	0	0	0	0.595354	0.326761	0.922115	0	0	0
Statewide Totals	2040	LDA	Aggregate	Aggregate	Plug-in Hyb	581462.6	23424598.33	9674382	13750216	2404348	4152975	0.070898	0	0.300885	0.371783	0.005971	0	0.002454	0.008425	0.051642	0.036471	0.096539	0.006495	0	0.002669	0.009163	0.20657	0.104202	0.319936	3064.802	0	149.2147
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Gasoline	1005802	35490910.75	35490911	0	4477502	0	1.208173	0	1.018282	2.226455	0.026668	0	0.005474	0.032142	0.078244	0.128171	0.238556	0.029004	0	0.005953	0.034957	0.312976	0.366202	0.714135	10738.06	0	325.6138
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Diesel	9.90247	381.2667887	381.2668	0	46.02657	0	2.07E-05	0	0	2.07E-05	1.92E-06	0	0	1.92E-06	8.41E-07	1.35E-06	4.1E-06	2E-06	0	0	2E-06	3.36E-06	3.85E-06	9.21E-06	0.146718	0	0
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Electricity	22508.22	956755.9176	0	956755.9	107948.6	369386.7	0	0	0	0	0	0	0	0	0.002109	0.00162	0.003729	0	0	0	0	0.008437	0.004629	0.013066	0	0	0
Statewide Totals	2040	LDT1	Aggregate	Aggregate	Plug-in Hyb	17339.96	718325.932	292975.3	425350.6	71700.72	128468.6	0.002152	0	0.008961	0.011112	0.000161	0	6.17E-05	0.000222	0.001584	0.001121	0.002927	0.000175	0	6.71E-05	0.000242	0.006335	0.003204	0.009781	93.11745	0	5.03368
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Gasoline	7472298	283619292.3	2.84E+08	0	34499623	0	8.423501	0	8.122741	16.54624	0.182993	0	0.035262	0.218256	0.625274	1.003153	1.846683	0.199022	0	0.038351	0.237373	2.501096	2.866152	5.604621	87531.47	0	2568.791
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Diesel	28086.33	1077357.395	1077357	0	130556.2	0	0.036258	0	0	0.036258	0.004864	0	0	0.004864	0.002375	0.003803	0.011042	0.005084	0	0	0.005084	0.009501	0.010865	0.02545	308.011	0	0
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Electricity	257247	7500005.489	0	7500005	1230977	2895621	0	0	0	0	0	0	0	0	0.016535	0.012704	0.029239	0	0	0	0	0.066139	0.036297	0.102436	0	0	0
Statewide Totals	2040	LDT2	Aggregate	Aggregate	Plug-in Hyb	184048.6	7333967.935	3008697	4325271	761040.8	1306361	0.022077	0	0.0952	0.117277	0.001744	0	0.000704	0.002448	0.016169	0.011443	0.03006	0.001897	0	0.000766	0.002663	0.064675	0.032694	0.100032	954.8735	0	56.45435
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Gasoline	387594.1	13460711.53	13460712	0	5774574	0	0.441202	0.011435	2.806746	3.259383	0.016247	0	0.000779	0.017026	0.029676	0.405075	0.451776	0.01767	0	0.000847	0.018517	0.118703	1.157356	1.294576	9565.09	46.79069	153.1843
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Diesel	279651.5	9471571.84	9471572	0	3517664	0	4.800894	0.374634	0	5.175529	0.192329	0.008077	0	0.200406	0.031322	0.285029	0.516757	0.201025	0.008442	0	0.209467	0.125287	0.814368	1.149123	5650.312	36.8404	0
Statewide Totals	2040	LHDT1	Aggregate	Aggregate	Electricity	258120.4	12468150.93	0	12468151	3611407	7562019	0	0	0	0	0	0	0	0	0.027488	0.187603	0.21509	0	0	0	0	0.10995	0.536008	0.645958	0	0	0
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Gasoline	50076.47	1682114.544	1682115	0	746064.8	0	0.058216	0.001361	0.338193	0.39777	0.001928	0	8.01E-05	0.002008	0.003708	0.059057	0.064773	0.002097	0	8.71E-05	0.002184	0.014834	0.168733	0.185751	1330.777	6.999507	19.40252
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Diesel	132779.4	4382017.759	4382018	0	1670198	0	2.678589	0.181418	0	2.860007	0.100018	0.003833	0	0.10385	0.014491	0.153847	0.272188	0.10454	0.004006	0	0.108546	0.057964	0.439562	0.606072	3056.541	28.33573	0
Statewide Totals	2040	LHDT2	Aggregate	Aggregate	Electricity	66268.2	3080586.502	0	3080587	877501.7	1849156	0	0	0	0	0	0	0	0	0.006792	0.054078	0.060869	0	0	0	0	0.027166	0.154507	0.181673	0	0	0
Statewide Totals	2040	MCY	Aggregate	Aggregate	Gasoline	744784.9	4109040.061	4109040	0	1489570	0	2.198444	0	0.136686	2.33513	0.009616	0	0.005331	0.014946	0.004529	0.019024	0.038499	0.010311	0	0.005709	0.016021	0.018118	0.054353	0.088492	857.7658	0	64.80363
Statewide Totals	2040	MDV	Aggregate	Aggregate	Gasoline	4421312	160839364.4	1.61E+08	0	20174022	0	5.785238	0	5.390557	11.17579	0.108084	0	0.021929	0.130013	0.35459	0.577035	1.061639	0.117551	0	0.02385	0.141401	1.418361	1.648672	3.208434	60455.86	0	1845.695
Statewide Totals	2040	MDV	Aggregate	Aggregate	Diesel	52182.28	1832197.581	1832198	0	235517.2	0	0.036521	0	0	0.036521	0.003197	0	0	0.003197	0.004039	0.006623	0.013859	0.003342	0	0	0.003342	0.016157	0.018922	0.038421	694.8813	0	0
Statewide Totals	2040	MDV	Aggregate	Aggregate	Electricity	237628.6	6859905.59	0	6859906	1133317	2648490	0	0	0	0	0	0	0	0	0.015124	0.011633	0.026757	0	0	0	0	0.060494	0.033237	0.093731	0	0	0
Statewide Totals	2040	MDV	Aggregate	Aggregate	Plug-in Hyb	115325.3	4480983.302	1841072	2639911	476870.2	797331.8	0.013498	0	0.059647	0.073145	0.001098	0	0.000458	0.001556	0.009879	0.006992	0.018427	0.001195	0	0.000498	0.001693	0.039516	0.019977	0.061186	583.8752	0	43.13734
Statewide Totals	2040	MH	Aggregate	Aggregate	Gasoline	48713.74	506893.1693	506893.2	0	4873.322	0	0.062296	0	0.002473	0.064768	0.000633	0	1.73E-06	0.000635	0.001676	0.008602	0.010913	0.000689	0	1.89E-06	0.00069	0.006705	0.024576	0.031972	1034.991	0	0.161159
Statewide Totals	2040	MH	Aggregate	Aggregate	Diesel	32038.8	292746.535	292746.5	0	3203.88	0	0.844183	0	0	0.844183	0.014487	0	0	0.014487	0.001291	0.004948	0.020726	0.015142	0	0	0.015142	0.005163	0.014139	0.034443	337.822	0	0
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Gasoline	28631.58	1383265.692	1383266	0	572860.6	0	0.142151	0.002048	0.208973	0.353172	0.001761	0	0.000279	0.00204	0.004574	0.023451	0.030066	0.001915	0	0.000304	0.002219	0.018297	0.067004	0.087521	2293.556	15.26088	24.47063
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Diesel	249717.3	10214210.29	10214210	0	3010472	0	4.136071	2.044638	4.222694	10.4034	0.044783	0.00085	0	0.045633	0.033778	0.173997	0.253408	0.046808	0.000888	0	0.047696	0.135111	0.497135	0.679942	11397.01	541.8056	0
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Electricity	151920.9	7387000.367	0	7387000	1945014	7890755	0	0	0	0	0	0	0	0	0.024428	0.062987	0.087415	0	0	0	0	0.097713	0.179963	0.277676	0	0	0
Statewide Totals	2040	MHDT	Aggregate	Aggregate	Natural Ga:	4005.752	158366.8663	158366.9	0	36033.5	0	0.011781	0.028345	0	0.040126	0.000219	9.84E-05	0	0.000318	0.000524	0.00271	0.003552	0.000239	0.000107	0	0.000346	0.002095	0.007744	0.010184	151.8971	24.09853	0
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Gasoline	7186.576	225978.8631	225978.9	0	143789	0	0.060379	0.000422	0.055273	0.116075	0.00027	0	4.36E-05	0.000313	0.000747	0.003859	0.004919	0.000293	0	4.74E-05	0.000341	0.002989	0.011025	0.014355	383.4202	2.832126	4.656405
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Diesel	11786.85	775394.0674	775394.1	0	138787.6	0	0.827985	0.085772	0.165753	1.07951	0.01405	8.04E-05	0	0.01413	0.002564	0.018437	0.035132	0.014685	8.4E-05	0	0.014769	0.010257	0.052678	0.077704	1044.109	28.60581	0
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Electricity	2438.896	170331.3216	0	170331.3	48797.44	184276.3	0	0	0	0	0	0	0	0	0.000563	0.001453	0.002016	0	0	0	0	0.002253	0.004152	0.006405	0	0	0
Statewide Totals	2040	OBUS	Aggregate	Aggregate	Natural Ga:	997.7402	52650.26614	52650.27	0	8879.888	0	0.005138	0.001651	0	0.006788	6.92E-05	5.25E-06	0	7.45E-05	0.000174	0.000904	0.001152	7.53E-05	5.71E-06	0	8.1E-05	0.000696	0.002582	0.00336	47.98967	1.283754	0
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Gasoline	5324.019	275599.6902	275599.7	0	21296.07	0	0.050441	0.004568	0.020917	0.075925	0.000335	0	1.53E-05	0.00035	0.000608	0.004866	0.005823	0.000364	0	1.66E-05	0.000381	0.00243	0.013903	0.016714	243.6312	14.45962	1.219001
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Diesel	13217.72	272312.9311	272312.9	0	191392.6	0	0.253418	0.129746	0.143917	0.527081	0.001667	4.45E-05	0	0.001712	0.000901	0.004759	0.007372	0.001743	4.65E-05	0	0.001789	0.003602	0.013598	0.01899	325.7531	28.84533	0
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Electricity	7420.965	223717.9361	0	223717.9	93584.16	244608.8	0	0	0	0	0	0	0	0	0.000667	0.001971	0.002638	0	0	0	0	0.002667	0.005631	0.008298	0	0	0
Statewide Totals	2040	SBUS	Aggregate	Aggregate	Natural Ga:	5183.322	105687.8665	105687.9	0	75054.5	0	0.05237	0.02923	0	0.0816	0.000459	8.6E-05	0	0.000545	0.00035	0.001891	0.002786	0.000499	9.36E-05	0	0.000593	0.001398	0.005403	0.007394	169.4513	24.13337	0
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Gasoline	1778.493	162429.5009	162429.5	0	7113.972	0	0.00334	0	0.002279	0.005618	0.000196	0	1.09E-06	0.000197	0.000359	0.005706	0.006261	0.000213	0	1.18E-06	0.000214	0.001434	0.016302	0.017951	125.5445	0	0.274374
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Diesel	554.9125	58293.98038	58293.98	0	2219.65	0	0.022905	0	0	0.022905	0.000465	0	0	0.000465	0.00048	0.002447	0.003392	0.000486	0	0	0.000486	0.001921	0.006992	0.009398	72.38933	0	0
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Electricity	13356.36	1438022.127	0	1438022	53425.44	2770884	0	0	0	0	0	0	0	0	0.0123	0.030514	0.042814	0	0	0	0	0.049201	0.087183	0.136384	0	0	0
Statewide Totals	2040	UBUS	Aggregate	Aggregate	Natural Ga:	1679.65	193040.2454	193040.2	0	6718.598	0	0.023174	0	0	0.023174	0.000235	0	0	0.000235	0.001708	0.008073	0.010015	0.000245	0	0	0.000245	0.006832	0.023065	0.030142	394.5598	0	0
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Gasoline	38.40186	4481.503852	4481.504	0	768.3445	0	0.011149	0	0.000102	0.011251	5.71E-06	0	3.85E-07	6.09E-06	2.47E-05	0.000156	0.000187	6.21E-06	0	4.19E-07	6.63E-06	9.88E-05	0.000447	0.000553	8.590738	0	0.037158
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Diesel	385544	56691481.57	56691482	0	6594813	0	79.73178	29.03176	18.57441	127.338	1.609999	0.011889	0	1.621888	0.557675	1.80428	3.983843	1.682796	0.012427	0	1.695223	2.230701	5.155085	9.081009	80211.43	5480.344	0
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Electricity	81913.81	8666517.529	0	8666518	1070377	15802944	0	0	0	0	0	0	0	0	0.082546	0.145675	0.228221	0	0	0	0	0.330184	0.416214	0.746398	0	0	0
Statewide Totals	2041	HHDT	Aggregate	Aggregate	Natural Ga:	20503.16	1269154.452	1269154	0	153826.2	0	0.438854	0.184571	0	0.623425	0.002179	0.000614	0	0.002792	0.012591	0.072838	0.088221	0.00237	0.000667	0	0.003037	0.050364	0.208108	0.261509	1571.991	198.4261	0
Statewide Totals	2041	LDA	Aggregate	Aggregate	Gasoline	12607994	493685636.8	4.94E+08	0	58591151	0	11.12321	0	10.76944	21.89265	0.292174	0	0.056054	0.348228	1.088391	1.45995	2.89657	0.317766	0	0.060964	0.37873	4.353565	4.171286	8.903581	125570.9	0	3520.661
Statewide Totals	2041	LDA	Aggregate	Aggregate	Diesel	9820.291	319813.3532	319813.4	0	42638.08	0	0.012959	0	0	0.012959	0.000741	0	0	0.000741	0.000705	0.000952	0.002398	0.000775	0	0	0.000775	0.00282	0.002719	0.006314	67.39928	0	0
Statewide Totals	2041	LDA	Aggregate	Aggregate	Electricity	1661159	68140176.49	0	68140176	7853140	26307732	0	0	0	0	0	0	0	0	0.150223	0.115441	0.265664	0	0	0	0	0.600893	0.329831	0.930724	0	0	0
Statewide Totals	2041	LDA	Aggregate	Aggregate	Plug-in Hyb	585406.4	23480451.9	9666384	13814068	2420655	4172260	0.070745	0	0.302934	0.373679	0.005758	0	0.002382	0.00814	0.051766	0.036551	0.096457	0.006262	0	0.002591	0.008853	0.207062	0.104433	0.320348	3059.175	0	149.6866
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Gasoline	998776.3	35320741.8	35320742	0	4455256	0	1.106297	0	0.982131	2.088428	0.025346	0	0.005177	0.030524	0.077869	0.127225	0.235618	0.027566	0	0.005631	0.033197	0.311476	0.363501	0.708174	10609.99	0	320.4921
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Diesel	10.12152	386.9878607	386.9879	0	46.95362	0	1.97E-05	0	0	1.97E-05	1.92E-06	0	0	1.92E-06	8.53E-07	1.37E-06	4.14E-06	2.01E-06	0	0	2.01E-06	3.41E-06	3.91E-06	9.32E-06	0.148535	0	0
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Electricity	23576.38	989077.2832	0	989077.3	112655.8	381865.5	0	0	0	0	0	0	0	0	0.002181	0.001675	0.003856	0	0	0	0	0.008722	0.004787	0.013509	0	0	0
Statewide Totals	2041	LDT1	Aggregate	Aggregate	Plug-in Hyb	18135.31	741807.2287	302421.5	439385.8	74989.51	132707.6	0.002218	0	0.009372	0.01159	0.000164	0	6.39E-05	0.000228	0.001635	0.001158	0.003021	0.000179	0	6.95E-05	0.000248	0.006542	0.003308	0.010098	96.02502	0	5.26171
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Gasoline	7516537	284435079	2.84E+08	0	34685784	0	8.196577	0	8.10067	16.29725	0.177436	0	0.034193	0.211629	0.627072	1.004621	1.843323	0.192978	0	0.037188	0.230166	2.50829	2.870347	5.608802	87373.1	0	2567.087

Statewide Totals	2041	LDT2	Aggregate	Aggregate	Diesel	28322.12	1082122.131	1082122	0	131519.6	0	0.036179	0	0	0.036179	0.004881	0	0	0.004881	0.002386	0.003815	0.011082	0.005102	0	0	0.005102	0.009543	0.0109	0.025545	308.1063	0	0
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Electricity	266473.1	7681227.459	0	7681227	1271079	2965588	0	0	0	0	0	0	0	0	0.016934	0.013014	0.029948	0	0	0	0	0	0.067737	0.037183	0.10492	0	0
Statewide Totals	2041	LDT2	Aggregate	Aggregate	Plug-in Hyb	188756.4	7458119.862	3054658	4403462	780507.7	1329977	0.022388	0	0.097639	0.120028	0.001733	0	0.000706	0.00244	0.016442	0.011635	0.030517	0.001885	0	0.000768	0.002653	0.065769	0.033243	0.101666	968.5581	0	57.7868
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Gasoline	377472.9	13069299.26	13069299	0	5623784	0	0.405352	0.010986	2.691333	3.107671	0.015776	0	0.000743	0.016519	0.028813	0.393296	0.438627	0.017158	0	0.000808	0.017966	0.115251	1.123702	1.256919	9245.551	45.42295	148.5764
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Diesel	271712.3	9175711.886	9175712	0	3417799	0	4.209088	0.351794	0	4.560882	0.180285	0.007856	0	0.18814	0.030343	0.276126	0.494609	0.188436	0.008211	0	0.196647	0.121374	0.78893	1.106951	5455.901	35.60228	0
Statewide Totals	2041	LHDT1	Aggregate	Aggregate	Electricity	279117.7	13206410.62	0	13206411	3904800	8011420	0	0	0	0	0	0	0	0	0.029115	0.198711	0.227826	0	0	0	0	0.116461	0.567745	0.684206	0	0	0
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Gasoline	48557.84	1628328.296	1628328	0	723439.5	0	0.052706	0.001289	0.317769	0.371765	0.001877	0	7.67E-05	0.001953	0.00359	0.057168	0.062712	0.002041	0	8.34E-05	0.002125	0.014359	0.163338	0.179822	1280.515	6.757675	18.75345
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Diesel	130106.3	4265131.167	4265131	0	1636574	0	2.484323	0.173818	0	2.65814	0.096468	0.003757	0	0.100225	0.014105	0.149743	0.264072	0.10083	0.003927	0	0.104757	0.056418	0.427837	0.589011	2965.567	27.66695	0
Statewide Totals	2041	LHDT2	Aggregate	Aggregate	Electricity	71701.03	3267050.976	0	3267051	949306.6	1961250	0	0	0	0	0	0	0	0	0.007203	0.057351	0.064553	0	0	0	0	0.02881	0.163859	0.19267	0	0	0
Statewide Totals	2041	MCY	Aggregate	Aggregate	Gasoline	748607	4111167.779	4111168	0	1497214	0	2.186916	0	0.13407	2.320987	0.009636	0	0.005378	0.015013	0.004532	0.019034	0.038578	0.010333	0	0.00576	0.016093	0.018127	0.054381	0.088602	857.441	0	64.5574
Statewide Totals	2041	MDV	Aggregate	Aggregate	Gasoline	4439114	161110283.8	1.61E+08	0	20248593	0	5.608355	0	5.357673	10.96603	0.104476	0	0.021176	0.125653	0.355188	0.577185	1.058026	0.113628	0	0.023031	0.136659	1.42075	1.649101	3.20651	60236.99	0	1840.076
Statewide Totals	2041	MDV	Aggregate	Aggregate	Diesel	51650.73	1816042.347	1816042	0	233277	0	0.033969	0	0	0.033969	0.002921	0	0	0.002921	0.004004	0.006546	0.013471	0.003053	0	0	0.003053	0.016015	0.018703	0.037771	683.6679	0	0
Statewide Totals	2041	MDV	Aggregate	Aggregate	Electricity	245679.2	7009301.533	0	7009302	1167785	2706169	0	0	0	0	0	0	0	0	0.015453	0.011889	0.027342	0	0	0	0	0.061811	0.03397	0.095781	0	0	0
Statewide Totals	2041	MDV	Aggregate	Aggregate	Plug-in Hyb	118563.6	4564137.696	1872049	2692089	490260.3	813091.1	0.013709	0	0.061324	0.075032	0.001091	0	0.00046	0.00155	0.010062	0.007121	0.018734	0.001186	0	0.0005	0.001686	0.040249	0.020346	0.062281	593.1524	0	44.25592
Statewide Totals	2041	MH	Aggregate	Aggregate	Gasoline	48033.51	502319.2936	502319.3	0	4805.273	0	0.059527	0	0.002388	0.061915	0.000631	0	1.73E-06	0.000633	0.001661	0.008524	0.010818	0.000687	0	1.88E-06	0.000688	0.006645	0.024354	0.031687	1025.581	0	0.158799
Statewide Totals	2041	MH	Aggregate	Aggregate	Diesel	31737.21	290498.1529	290498.2	0	3173.721	0	0.813268	0	0	0.813268	0.013247	0	0	0.013247	0.001281	0.00491	0.019439	0.013846	0	0	0.013846	0.005124	0.014029	0.032999	335.2983	0	0
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Gasoline	27577.65	1327086.097	1327086	0	551773.7	0	0.128826	0.001935	0.198764	0.329525	0.001694	0	0.000271	0.001965	0.004389	0.0225	0.028854	0.001843	0	0.000294	0.002137	0.017554	0.064287	0.083978	2189.531	14.61009	23.40232
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Diesel	245696	10105528.88	10105529	0	2964607	0	3.912317	1.966976	4.084668	9.963961	0.043346	0.000797	0	0.044143	0.033418	0.172117	0.249678	0.045306	0.000833	0	0.046139	0.133673	0.491762	0.671574	11218.46	529.0816	0
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Electricity	164935.6	7929344.912	0	7929345	2111030	8468715	0	0	0	0	0	0	0	0	0.026222	0.067613	0.093835	0	0	0	0	0.104887	0.19318	0.298068	0	0	0
Statewide Totals	2041	MHDT	Aggregate	Aggregate	Natural Ga:	3950.847	156314.2078	156314.2	0	35627.62	0	0.011373	0.027895	0	0.039268	0.000218	9.76E-05	0	0.000315	0.000517	0.002675	0.003507	0.000237	0.000106	0	0.000343	0.002068	0.007643	0.010054	149.6641	23.74566	0
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Gasoline	6976.769	216478.7677	216478.8	0	139591.2	0	0.057323	0.000407	0.053226	0.110956	0.000259	0	4.23E-05	0.000301	0.000716	0.003696	0.004713	0.000281	0	4.6E-05	0.000327	0.002864	0.010561	0.013752	365.7256	2.742167	4.504103
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Diesel	11852.56	778398.0709	778398.1	0	139392.1	0	0.804806	0.082359	0.162342	1.049508	0.013392	7.65E-05	0	0.013468	0.002574	0.01854	0.034583	0.013997	8E-05	0	0.014077	0.010296	0.052973	0.077346	1044.749	28.42111	0
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Electricity	2598.715	178497.3348	0	178497.3	51995.1	193118.9	0	0	0	0	0	0	0	0	0.00059	0.001523	0.002113	0	0	0	0	0.002361	0.004351	0.006712	0	0	0
Statewide Totals	2041	OBUS	Aggregate	Aggregate	Natural Ga:	1007.806	52857.76945	52857.77	0	8969.474	0	0.005106	0.001666	0	0.006773	6.98E-05	5.33E-06	0	7.51E-05	0.000175	0.000907	0.001157	7.59E-05	5.79E-06	0	8.17E-05	0.000699	0.002593	0.003374	48.0829	1.294657	0
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Gasoline	4986.021	257901.0472	257901	0	19944.08	0	0.044943	0.004185	0.01871	0.067839	0.000332	0	1.52E-05	0.000347	0.000569	0.004553	0.005468	0.000361	0	1.66E-05	0.000377	0.002274	0.013008	0.015659	225.7723	13.42132	1.13458
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Diesel	12780.6	262261.1546	262261.2	0	185063.1	0	0.208043	0.116393	0.139783	0.464218	0.001403	3.81E-05	0	0.001441	0.000867	0.004584	0.006892	0.001466	3.99E-05	0	0.001506	0.003469	0.013096	0.018071	312.2728	27.56557	0
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Electricity	8094.399	242834.9479	0	242834.9	102117.4	265510.1	0	0	0	0	0	0	0	0	0.000724	0.002139	0.002863	0	0	0	0	0.002895	0.006112	0.009007	0	0	0
Statewide Totals	2041	SBUS	Aggregate	Aggregate	Natural Ga:	5043.699	102304.3777	102304.4	0	73032.76	0	0.048237	0.028383	0	0.07662	0.000444	8.51E-05	0	0.00053	0.000338	0.00183	0.002698	0.000483	9.26E-05	0	0.000576	0.001353	0.00523	0.007159	162.8504	23.51304	0
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Gasoline	1806.473	165771.9901	165772	0	7225.891	0	0.003261	0	0.002267	0.005528	0.000199	0	1.09E-06	0.000201	0.000366	0.005822	0.006389	0.000217	0	1.19E-06	0.000218	0.001463	0.016635	0.018317	127.5865	0	0.276561
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Diesel	448.93	47826.57688	47826.58	0	1795.72	0	0.01892	0	0	0.01892	0.000397	0	0	0.000397	0.000393	0.002003	0.002793	0.000415	0	0	0.000415	0.001572	0.005722	0.007709	59.29861	0	0
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Electricity	14030.61	1512012.563	0	1512013	56122.45	2915178	0	0	0	0	0	0	0	0	0.01296	0.032084	0.045044	0	0	0	0	0.051838	0.091669	0.143507	0	0	0
Statewide Totals	2041	UBUS	Aggregate	Aggregate	Natural Ga:	1433.936	166952.0676	166952.1	0	5735.745	0	0.020529	0	0	0.020529	0.000244	0	0	0.000244	0.001467	0.006962	0.008674	0.000255	0	0	0.000255	0.005869	0.019893	0.026017	341.2632	0	0
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Gasoline	36.97259	4319.704493	4319.704	0	739.7475	0	0.010388	0	0.000167	0.010556	5.52E-06	0	3.73E-07	5.89E-06	2.38E-05	0.000151	0.000181	6E-06	0	4.06E-07	6.4E-06	9.52E-05	0.000432	0.000534	8.237532	0	0.035549
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Diesel	391634	57995762.61	57995763	0	6731647	0	81.05347	29.67175	18.83679	129.562	1.644804	0.012143	0	1.656947	0.57068	1.847474	4.075101	1.719175	0.012692	0	1.731867	2.282719	5.278496	9.293082	81761.44	5598.089	0
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Electricity	87803.22	9155182.257	0	9155182	1141565	16694771	0	0	0	0	0	0	0	0	0.087153	0.153967	0.241119	0	0	0	0	0.34861	0.439905	0.788515	0	0	0
Statewide Totals	2042	HHDT	Aggregate	Aggregate	Natural Ga:	20308.23	1258460.494	1258460	0	153288.7	0	0.40934	0.1837	0	0.59304	0.002138	0.00062	0	0.002757	0.012485	0.07192	0.087162	0.002325	0.000674	0	0.002999	0.04994	0.205485	0.258424	1553.274	197.3005	0
Statewide Totals	2042	LDA	Aggregate	Aggregate	Gasoline	12646467	494580637.5	4.95E+08	0	58783069	0	10.98642	0	10.68152	21.66793	0.284465	0	0.05425	0.338715	1.090364	1.462273	2.891353	0.309382	0	0.059002	0.368384	4.361458	4.177923	8.907765	125429.3	0	3514.242
Statewide Totals	2042	LDA	Aggregate	Aggregate	Diesel	9481.289	312813.3409	312813.3	0	41332.57	0	0.011461	0	0	0.011461	0.000652	0	0	0.000652	0.00069	0.00093	0.002271	0.000681	0	0	0.000681	0.002759	0.002656	0.006096	65.37401	0	0
Statewide Totals	2042	LDA	Aggregate	Aggregate	Electricity	1684038	68682141.85	0	68682142	7949978	26516975	0	0	0	0	0	0	0	0	0.151418	0.116368	0.267786	0	0	0	0	0.605673	0.33248	0.938152	0	0	0
Statewide Totals	2042	LDA	Aggregate	Aggregate	Plug-in Hyb	588943.2	23529554.48	9661373	13868182	2435280	4188604	0.070702	0	0.304771	0.375473	0.005588	0	0.00232	0.007908	0.051874	0.036636	0.096418	0.006078	0	0.002523	0.0086	0.207495	0.104675	0.32077	3057.344	0	150.1295
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Gasoline	992033	35170081.12	35170081	0	4435128	0	1.020728	0	0.949029	1.969756	0.02419	0	0.004904	0.029095	0.077537	0.126553	0.233185	0.026309	0	0.005334	0.031643	0.310147	0.36158	0.70337	10498.61	0	315.8919
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Diesel	10.32471	392.0991119	392.0991	0	47.80188	0	1.9E-05	0	0	1.9E-05	1.93E-06	0	0	1.93E-06	8.64E-07	1.39E-06	4.18E-06	2.01E-06	0	0	2.01E-06	3.46E-06	3.97E-06	9.44E-06	0.150188	0	0
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Electricity	24581.4	1018199.85	0	1018200	117037.4	393109.2	0	0	0	0	0	0	0	0	0.002245	0.001725	0.00397	0	0	0	0	0.008979	0.004929	0.013908	0	0	0
Statewide Totals	2042	LDT1	Aggregate	Aggregate	Plug-in Hyb	18881.23	763065.7238	310971.5	452094.2	78073.88	136545.9	0.002281	0	0.009758	0.012039	0.000167	0	6.6E-05	0.000233	0.001682	0.001191	0.003107	0.000182	0	7.18E-05	0.000254	0.006729	0.003404	0.010387	98.72753	0	5.475482
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Gasoline	7554642	285142473.8	2.85E+08	0	34851810	0	7.94492	0	8.062978	16.0079	0.172786	0	0.033224	0.20601	0.628632	1.007067	1.841709	0.18792	0	0.036134	0.224055	2.514528	2.877334	5.615916	87253.25	0	2565.265
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Diesel	28539.14	1086387.355	1086387	0	132403.9	0	0.036154	0	0	0.036154	0.004899	0	0	0.004899	0.002395	0.003831	0.011125	0.005121	0	0	0.005121	0.00958	0.010945	0.025646	308.3114	0	0
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Electricity	274800.1	7838140.638	0	7838141	1306943	3026169	0	0	0	0	0	0	0	0	0.01728	0.013283	0.030563	0	0	0	0	0.069121	0.037951	0.107071	0	0	0
Statewide Totals	2042	LDT2	Aggregate	Aggregate	Plug-in Hyb	192995.6	7566282.42	3094868	4471415	798036.7	1350500	0.02268	0	0.099837	0.122517	0.001726	0	0.000708	0.002434	0.016681	0.011806	0.030921	0.001877	0	0.000771	0.002648	0.066723	0.033732	0.103103	981.1939	0	58.9883
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Gasoline	367453.1	12705249.08	12705249	0	5474504	0	0.371026	0.010552	2.581766	2.963345	0.015321	0	0.000703	0.016024	0.02801	0.38234	0.426375	0.016663	0	0.000765	0.017428	0.112041	1.092401	1.22187	8949.411	44.07885	144.0839
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Diesel	263854.1	8898710.576	8898711	0	3318952	0	3.679673	0.329977	0	4.00965	0.168733	0.007637	0	0.176369	0.029427	0.26779	0.473587	0.176362	0.007982	0	0.184344	0.11771	0.765114	1.067168	5274.979	34.38882	0
Statewide Totals	2042	LHDT1	Aggregate	Aggregate	Electricity	299342.4	13888890.52	0	13888891	4187273	8427072	0	0	0	0	0	0	0	0	0.03062	0.20898	0.2396	0	0	0	0	0.122479	0.597085	0.719564	0	0	0
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Gasoline	47131.95	1579377.901	1579378	0	702195.8	0	0.047974	0.001223	0.299546	0.348743	0.001829	0	7.33E-05	0.001902	0.003482	0.05545	0.060834	0.001989	0	7.97E-05	0.002069	0.013928	0.158428	0.174425	1235.372	6.532281	18.14848
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Diesel	127621.3	4158779.212	4158779	0	1605315	0	2.31376	0.167066	0	2.480826	0.093355	0.003686	0	0.097041	0.013753	0.146009	0.256803	0.097576	0.003853	0	0.101429	0.055011	0.417169	0.573609	2883.359	27.0528	0
Statewide Totals	2042	LHDT2	Aggregate	Aggregate	Electricity	76951.02	3440283.892	0	3440284	1018689	2065425	0	0	0	0	0	0	0	0	0.007585	0.060392	0.067976	0	0	0	0	0.030338	0.172548	0.202886	0	0	0
Statewide Totals	2042	MCY	Aggregate	Aggregate	Gasoline	752717.4	4113762.613	4113763	0	1505435	0	2.177407	0	0.131764	2.309171	0.009667	0	0.005424	0.015092	0.004535	0.019046	0.038672	0.010367	0	0.005811	0.016179	0.018139	0.054416	0.088733	857.5676	0	64.38424
Statewide Totals	2042	MDV	Aggregate	Aggregate	Gasoline	4456274	161381019.3	1.61E+08	0	20321420	0	5.433009	0	5.324817	10.75783	0.101397	0	0.020484	0.121881	0.355784	0.57815	1.055816	0.110279	0	0.022278	0.132557	1.423138	1.651858	3.207553	60076.47	0	1835.701
Statewide Totals	2042	MDV	Aggregate	Aggregate	Diesel	51253.65	1803781.516	1803782	0	231610.8	0	0.031988	0	0	0.031988	0.002696	0	0	0.002696	0.003977	0.006495	0.013167	0.002818	0	0	0.002818	0.015907	0.018557	0.037281	674.8521	0	0
Statewide Totals	2042	MDV	Aggregate	Aggregate	Electricity	253058	7140413.365	0	7140413	1199062	2756789	0	0	0	0	0	0	0	0	0.015742	0.012115	0.027856	0	0	0	0	0.062968	0.034613	0.097581	0	0	0
Statewide Totals	2042	MDV	Aggregate	Aggregate	Plug-in Hyb	121518.7	4637488.563	1899387	2738102	502479.9	826988.3	0.013908	0	0.062854	0.076762	0.001085	0	0.000461	0.001545	0.010224	0.007238	0.019007	0.001179	0	0.000501	0.001681	0.040896	0.020679	0.063256	601.7654	0	45.27597
Statewide Totals	2042	MH	Aggregate	Aggregate	Gasoline	47385.85	498105.8775	498105.9	0	4740.48	0	0.066224	0	0.002239	0.068463	0.00063	0	1.72E-06	0.000631	0.001647	0.008453	0.010731	0.000685	0	1.87E-06	0.000687	0.006589	0.024151	0.031427	1016.989	0	0.156525
Statewide Totals	2042	MH	Aggregate	Aggregate	Diesel	31432.94	288319.1633	288319.2	0	3143.294	0	0.784751	0	0	0.784751	0.012062	0	0	0.012062	0.001271	0.004873	0.018207	0.012608	0	0	0.012608	0.005085	0.013924	0.031617	332.8816	0	0
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Gasoline	26599.27	1276793.018	1276793	0	532198.2	0	0.117721	0.001832	0.188684	0.308237	0.001637	0	0.000263	0.0019	0.004222	0.02165	0.027772	0.00178	0	0.000286	0.002066	0.016889	0.061858	0.080813	2097.184	14.0102	22.4268
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Diesel	242148.9	10015200.45	10015200	0	2924709	0	3.701705	1.897667	3.960648	9.560019	0.042003	0.000747	0	0.04275	0.03312	0.170549	0.246419	0.043902	0.000781	0	0.044683	0.132478	0.487283	0.664445	11065	517.5867	0
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Electricity	177884.4	8457779.355	0	8457779	2275859	9031661	0	0	0	0	0	0	0	0	0.027969	0.072121	0.100091	0	0	0	0	0.111877	0.206061	0.317938	0	0	0
Statewide Totals	2042	MHDT	Aggregate	Aggregate	Natural Ga:	3894.452	154321.2944	154321.3	0	35213.7	0	0.010998	0.027436	0	0.038434	0.000216	9.67E-05	0	0.000313	0.00051	0.002641	0.003464	0.000235	0.000105	0	0.00034	0.002041	0.007545	0.009927	147.4822	23.37603	0
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Gasoline	6748.338	207908.3801	207908.4	0	135020.7	0	0.054803	0.000391	0.052034	0.107228	0.000247	0	4.05E-05	0.000287	0.000688	0.00355	0.004525	0.000268	0	4.4E-05	0.000312	0.00275	0.010142	0.013205	349.7386	2.644133	4.332633
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Diesel	11920.55	781265.2622	781265.3	0	140068	0	0.780155	0.079308	0.159421	1.018884	0.012628	7.16E-05	0	0.0127	0.002584	0.018639	0.033922	0.013199	7.48E-05	0	0.013274	0.010334	0.053254	0.076862	1045.629	28.30306	0
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Electricity	2748.871	185762.8601	0	185762.9	54999.42	200988	0	0	0	0	0	0	0	0	0.000614	0.001585	0.002199	0	0	0	0	0.002457	0.004528	0.006985	0	0	0
Statewide Totals	2042	OBUS	Aggregate	Aggregate	Natural Ga:	1019.128	53111.8947	53111.89	0	9070.238	0	0.005097	0.001684	0	0.006781	7.03E-05	5.41E-06	0	7.57E-05	0.000176	0.000912	0.001163	7.65E-05	5.88E-06	0	8.23E-05	0.000703	0.002605	0.00339	48.23594	1.30713	0
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Gasoline	4760.949	245925.0051	245925	0	19043.8	0	0.040998	0.003918	0.017168	0.062084	0.000329	0	1.52E-05	0.000344	0.000542	0.004341	0.005227	0.000357	0	1.65E-05	0.000374	0.002169	0.012402	0.014945	213.6595	12.72628	1.077909
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Diesel	12340.69	252544.2836	252544.3	0	178693.1	0	0.170677	0.10541	0.134479	0.410567	0.001195	3.4E-05	0	0.001229	0.000835	0.004414	0.006478	0.001249	3.55E-05	0	0.001285	0.003341	0.012611	0.017236	299.5084	26.31946	0
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Electricity	8779.682	262028.7502	0	262028.8	110813.4	286501.9	0	0	0	0	0	0	0	0	0.000781	0.002308	0.003089	0	0	0	0	0.003124	0.006595	0.009719	0	0	0
Statewide Totals	2042	SBUS	Aggregate	Aggregate	Natural Ga:	4872.081	98534.95074	98534.95	0	70547.73	0	0.04375	0.02735	0	0.0711	0.000428	8.38E-05	0	0.000512	0.000326	0.001763	0.002601	0.000465	9.12E-05	0	0.000557	0.001303	0.005037	0.006897	155.5398	22.74829	0
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Gasoline	1836.669	169161.608	169161.6	0	7346.676	0	0.00327	0	0.002299	0.005568	0.000203	0	1.11E-06	0.000204	0.000373	0.005941	0.006519	0.000221	0	1.2E-06	0.000222	0.001493	0.016974	0.018689	129.7323	0	0.280967
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Diesel	360.8859	37233.61099	37233.61	0	1443.543	0	0.013866	0	0	0.013866	0.000285	0	0	0.000285	0.000297	0.001553	0.002135	0.000298	0	0	0.000298	0.001187	0.004438	0.005923	45.07922	0	0
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Electricity	14746.95	1595538.09	0	1595538	58987.81	3079208	0	0	0	0	0	0	0	0	0.013719	0.033857	0.047575	0	0	0	0	0.054874	0.096733	0.151607	0	0	0
Statewide Totals	2042	UBUS	Aggregate	Aggregate	Natural Ga:	1125.856	131395.8252	131395.8	0	4503.426	0	0.016465	0	0	0.016465	0.00023	0	0	0.00023	0.001136	0.00545	0.006816	0.00024	0	0	0.00024	0.004543	0.015573	0.020356	264.569	0	0

Statewide Totals	2043	HHDT	Aggregate	Aggregate	Gasoline	35.78123	4179.018748	4179.019	0	715.9108	0	0.009889	0	0.00025	0.010139	5.35E-06	0	3.63E-07	5.71E-06	2.3E-05	0.000147	0.000175	5.82E-06	0	3.95E-07	6.21E-06	9.21E-05	0.000419	0.000518	7.934771	0	0.034216
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Diesel	398293.6	59377495.29	59377495	0	6878845	0	82.52397	30.36686	19.13353	132.0244	1.682433	0.012422	0	1.694855	0.584436	1.892711	4.172002	1.758505	0.012984	0	1.771489	2.337743	5.407746	9.516978	83453.19	5726.726	0
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Electricity	93573.17	9620637.272	0	9620637	1211066	17544277	0	0	0	0	0	0	0	0	0.091541	0.16187	0.253411	0	0	0	0	0.366163	0.462486	0.828649	0	0	0
Statewide Totals	2043	HHDT	Aggregate	Aggregate	Natural Ga:	20129.66	1249070.193	1249070	0	152914.7	0	0.382868	0.18323	0	0.566098	0.002099	0.000626	0	0.002725	0.012392	0.071069	0.086186	0.002282	0.000681	0	0.002963	0.049567	0.203055	0.255585	1536.833	196.4209	0
Statewide Totals	2043	LDA	Aggregate	Aggregate	Gasoline	12686001	495453189.6	4.95E+08	0	58978985	0	10.88084	0	10.60852	21.48936	0.278179	0	0.052726	0.330906	1.092288	1.46456	2.887754	0.302545	0	0.057345	0.35989	4.369152	4.184458	8.9135	125353	0	3511.045
Statewide Totals	2043	LDA	Aggregate	Aggregate	Diesel	9199.552	307428.3899	307428.4	0	40281.56	0	0.00999	0	0	0.00999	0.000574	0	0	0.000574	0.000678	0.000913	0.002164	0.0006	0	0	0.0006	0.002711	0.002608	0.005919	63.79449	0	0
Statewide Totals	2043	LDA	Aggregate	Aggregate	Electricity	1704510	69144188.03	0	69144188	8036308	26695363	0	0	0	0	0	0	0	0	0.152437	0.117158	0.269595	0	0	0	0	0.609747	0.334738	0.944485	0	0	0
Statewide Totals	2043	LDA	Aggregate	Aggregate	Plug-in Hyb	592159.5	23571845.74	9658591	13913254	2448580	4202217	0.070675	0	0.306442	0.377118	0.005449	0	0.002266	0.007716	0.051967	0.036708	0.096391	0.005927	0	0.002465	0.008391	0.207868	0.104881	0.32114	3056.233	0	150.5615
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Gasoline	985532.7	35031802.93	35031803	0	4416861	0	0.947433	0	0.918065	1.865498	0.023137	0	0.004653	0.02779	0.077232	0.125931	0.230953	0.025164	0	0.00506	0.030224	0.308928	0.359803	0.698955	10398.02	0	311.7648
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Diesel	10.50974	396.5918179	396.5918	0	48.56758	0	1.83E-05	0	0	1.83E-05	1.93E-06	0	0	1.93E-06	8.74E-07	1.41E-06	4.21E-06	2.02E-06	0	0	2.02E-06	3.5E-06	4.02E-06	9.53E-06	0.151636	0	0
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Electricity	25524.78	1044258.589	0	1044259	121104.9	403170	0	0	0	0	0	0	0	0	0.002302	0.00177	0.004072	0	0	0	0	0.009209	0.005056	0.014265	0	0	0
Statewide Totals	2043	LDT1	Aggregate	Aggregate	Plug-in Hyb	19577.54	782172.1819	318654.6	463517.6	80953.12	139996.1	0.002337	0	0.010118	0.012455	0.00017	0	6.79E-05	0.000238	0.001724	0.001222	0.003184	0.000185	0	7.38E-05	0.000259	0.006898	0.00349	0.010647	101.1551	0	5.674968
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Gasoline	7590581	285775987.7	2.86E+08	0	35008917	0	7.727322	0	8.023797	15.75112	0.168772	0	0.032376	0.201148	0.630029	1.009234	1.840411	0.183555	0	0.035212	0.218767	2.520114	2.883527	5.622408	87162.41	0	2564.804
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Diesel	28742.23	1090187.612	1090188	0	133228.6	0	0.036129	0	0	0.036129	0.004916	0	0	0.004916	0.002403	0.003845	0.011164	0.005138	0	0	0.005138	0.009614	0.010985	0.025737	308.5495	0	0
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Electricity	282298.4	7972871.418	0	7972871	1338942	3078186	0	0	0	0	0	0	0	0	0.017577	0.013514	0.031091	0	0	0	0	0.070309	0.03861	0.108919	0	0	0
Statewide Totals	2043	LDT2	Aggregate	Aggregate	Plug-in Hyb	196826	7660166.808	3129980	4530187	813875.6	1368252	0.022935	0	0.101823	0.124758	0.001719	0	0.00071	0.00243	0.016888	0.011955	0.031272	0.00187	0	0.000773	0.002643	0.067551	0.034157	0.104351	992.2174	0	60.07829
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Gasoline	358626.5	12380842.41	12380842	0	5343001	0	0.344734	0.010183	2.489531	2.844448	0.014924	0	0.000673	0.015597	0.027295	0.372578	0.41547	0.016232	0	0.000732	0.016964	0.10918	1.064508	1.190652	8690.554	42.90766	140.1019
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Diesel	257074.8	8654828.744	8654829	0	3233678	0	3.293	0.311964	0	3.604964	0.159337	0.007446	0	0.166783	0.028621	0.260451	0.455855	0.166541	0.007783	0	0.174324	0.114484	0.744145	1.032953	5116.173	33.35541	0
Statewide Totals	2043	LHDT1	Aggregate	Aggregate	Electricity	318731.5	14516786.1	0	14516786	4457944	8809665	0	0	0	0	0	0	0	0	0.032004	0.218428	0.250432	0	0	0	0	0.128016	0.624079	0.752095	0	0	0
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Gasoline	45812.28	1534787.271	1534787	0	682534.7	0	0.044147	0.001163	0.283288	0.328598	0.001786	0	7.05E-05	0.001856	0.003384	0.053884	0.059124	0.001942	0	7.67E-05	0.002019	0.013535	0.153955	0.169508	1194.888	6.32512	17.59084
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Diesel	125563.1	4066031.112	4066031	0	1579426	0	2.188503	0.161822	0	2.350324	0.090834	0.003627	0	0.094462	0.013446	0.142753	0.250661	0.094942	0.003791	0	0.098733	0.053784	0.407865	0.560382	2812.291	26.55216	0
Statewide Totals	2043	LHDT2	Aggregate	Aggregate	Electricity	82008.06	3600734.394	0	3600734	1085515	2161943	0	0	0	0	0	0	0	0	0.007938	0.063208	0.071147	0	0	0	0	0.031753	0.180595	0.212348	0	0	0
Statewide Totals	2043	MCY	Aggregate	Aggregate	Gasoline	756432.4	4115765.183	4115765	0	1512865	0	2.167911	0	0.129179	2.29709	0.009693	0	0.005462	0.015156	0.004537	0.019055	0.038747	0.010396	0	0.005853	0.016248	0.018147	0.054442	0.088838	857.5828	0	64.13865
Statewide Totals	2043	MDV	Aggregate	Aggregate	Gasoline	4473253	161639902.6	1.62E+08	0	20393489	0	5.272043	0	5.288518	10.56056	0.098714	0	0.01987	0.118584	0.356355	0.579065	1.054004	0.107361	0	0.02161	0.128971	1.425421	1.654473	3.208864	59949.6	0	1832.639
Statewide Totals	2043	MDV	Aggregate	Aggregate	Diesel	50965.5	1794458.98	1794459	0	230405.6	0	0.030453	0	0	0.030453	0.002512	0	0	0.002512	0.003956	0.006455	0.012924	0.002626	0	0	0.002626	0.015824	0.018444	0.036894	667.8309	0	0
Statewide Totals	2043	MDV	Aggregate	Aggregate	Electricity	259786.6	7254283.162	0	7254283	1227309	2800752	0	0	0	0	0	0	0	0	0.015993	0.01231	0.028303	0	0	0	0	0.063972	0.035172	0.099143	0	0	0
Statewide Totals	2043	MDV	Aggregate	Aggregate	Plug-in Hyb	124225.5	4701981.022	1923468	2778513	513672.6	839193.6	0.014083	0	0.064256	0.078339	0.001079	0	0.000462	0.001541	0.010366	0.00734	0.019247	0.001174	0	0.000502	0.001676	0.041464	0.020972	0.064113	609.3467	0	46.21181
Statewide Totals	2043	MH	Aggregate	Aggregate	Gasoline	46909.93	494867.7361	494867.7	0	4692.869	0	0.078619	0	0.00209	0.080709	0.000629	0	1.72E-06	0.00063	0.001636	0.008397	0.010664	0.000684	0	1.87E-06	0.000686	0.006546	0.023993	0.031224	1010.281	0	0.154939
Statewide Totals	2043	MH	Aggregate	Aggregate	Diesel	31123.51	286170.6558	286170.7	0	3112.351	0	0.757914	0	0	0.757914	0.010925	0	0	0.010925	0.001262	0.004836	0.017023	0.011419	0	0	0.011419	0.005047	0.013818	0.030285	330.4292	0	0
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Gasoline	25648.87	1231434.211	1231434	0	513182.7	0	0.106646	0.001734	0.179971	0.288351	0.001583	0	0.000255	0.001838	0.004072	0.020881	0.026791	0.001722	0	0.000278	0.001999	0.016289	0.05966	0.077948	2014.078	13.43121	21.47989
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Diesel	239166.6	9950761.633	9950762	0	2891825	0	3.521729	1.837913	3.852807	9.212448	0.04092	0.000714	0	0.041633	0.032907	0.169423	0.243963	0.04277	0.000746	0	0.043516	0.131626	0.484065	0.659207	10944.3	507.5293	0
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Electricity	190582.2	8964752.591	0	8964753	2437315	9571478	0	0	0	0	0	0	0	0	0.029646	0.076445	0.106091	0	0	0	0	0.118583	0.218415	0.336998	0	0	0
Statewide Totals	2043	MHDT	Aggregate	Aggregate	Natural Ga:	3844.179	152661.9848	152662	0	34878.32	0	0.010664	0.027013	0	0.037677	0.000215	9.58E-05	0	0.000311	0.000505	0.002612	0.003428	0.000234	0.000104	0	0.000338	0.002019	0.007464	0.009821	145.6463	23.03649	0
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Gasoline	6518.894	200291.2509	200291.3	0	130430	0	0.05617	0.000375	0.050243	0.106787	0.000238	0	3.91E-05	0.000277	0.000662	0.00342	0.004359	0.000259	0	4.25E-05	0.000302	0.002649	0.00977	0.012721	335.532	2.54547	4.164346
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Diesel	11994.29	784046.2613	784046.3	0	140836.4	0	0.760533	0.076605	0.156815	0.993954	0.011971	6.82E-05	0	0.012039	0.002593	0.018734	0.033366	0.012512	7.13E-05	0	0.012583	0.010371	0.053526	0.07648	1046.852	28.24441	0
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Electricity	2889.698	192191.0856	0	192191.1	57817.08	207951.8	0	0	0	0	0	0	0	0	0.000636	0.00164	0.002275	0	0	0	0	0.002542	0.004685	0.007227	0	0	0
Statewide Totals	2043	OBUS	Aggregate	Aggregate	Natural Ga:	1030.885	53362.48504	53362.49	0	9174.877	0	0.005098	0.001703	0	0.006801	7.08E-05	5.49E-06	0	7.62E-05	0.000176	0.000916	0.001169	7.7E-05	5.97E-06	0	8.29E-05	0.000706	0.002618	0.003406	48.40058	1.320282	0
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Gasoline	4648.834	239294.4951	239294.5	0	18595.34	0	0.03954	0.003766	0.016719	0.060026	0.000325	0	1.51E-05	0.000341	0.000528	0.004224	0.005092	0.000354	0	1.64E-05	0.00037	0.00211	0.01207	0.01455	207.0425	12.37532	1.048209
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Diesel	11890.85	242990.9959	242991	0	172179.5	0	0.140735	0.096195	0.127983	0.364913	0.001036	3.13E-05	0	0.001067	0.000804	0.004247	0.006118	0.001083	3.27E-05	0	0.001115	0.003214	0.012134	0.016464	287.1655	25.09561	0
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Electricity	9478.631	281329.3726	0	281329.4	119699.1	307621.6	0	0	0	0	0	0	0	0	0.000838	0.002478	0.003317	0	0	0	0	0.003354	0.007081	0.010435	0	0	0
Statewide Totals	2043	SBUS	Aggregate	Aggregate	Natural Ga:	4674.347	94511.49042	94511.49	0	67684.54	0	0.039022	0.026165	0	0.065187	0.00041	8.22E-05	0	0.000493	0.000313	0.001691	0.002496	0.000446	8.94E-05	0	0.000536	0.00125	0.004831	0.006617	147.7579	21.86828	0
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Gasoline	1866.826	172547.9774	172548	0	7467.304	0	0.003288	0	0.002316	0.005605	0.000207	0	1.12E-06	0.000208	0.000381	0.006059	0.006648	0.000225	0	1.22E-06	0.000226	0.001522	0.017312	0.019061	131.874	0	0.284374
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Diesel	181.4998	17214.51472	17214.51	0	725.9993	0	0.005863	0	0	0.005863	0.000146	0	0	0.000146	0.000123	0.000704	0.000972	0.000152	0	0	0.000152	0.000493	0.002011	0.002655	19.4656	0	0
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Electricity	15643.07	1704817.78	0	1704818	62572.28	3291521	0	0	0	0	0	0	0	0	0.014707	0.036175	0.050883	0	0	0	0	0.058829	0.103358	0.162187	0	0	0
Statewide Totals	2043	UBUS	Aggregate	Aggregate	Natural Ga:	729.1489	79496.01281	79496.01	0	2916.596	0	0.010577	0	0	0.010577	0.000224	0	0	0.000224	0.000652	0.003245	0.00412	0.000234	0	0	0.000234	0.002607	0.009271	0.012111	152.4417	0	0
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Gasoline	34.69663	4055.16603	4055.166	0	694.2101	0	0.00954	0	0.000361	0.009901	5.2E-06	0	3.54E-07	5.55E-06	2.24E-05	0.000143	0.000171	5.65E-06	0	3.85E-07	6.04E-06	8.94E-05	0.000408	0.000503	7.670378	0	0.033027
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Diesel	405462.4	60834233.65	60834234	0	7035643	0	84.09762	31.11211	19.46478	134.6745	1.722855	0.012717	0	1.735572	0.59892	1.939999	4.274491	1.800755	0.013292	0	1.814047	2.395681	5.542854	9.752582	85274.82	5865.175	0
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Electricity	99225.04	10066109.3	0	10066109	1278980	18357347	0	0	0	0	0	0	0	0	0.095741	0.169427	0.265168	0	0	0	0	0.382964	0.484078	0.867042	0	0	0
Statewide Totals	2044	HHDT	Aggregate	Aggregate	Natural Ga:	19984.2	1241961.206	1241961	0	152785.6	0	0.360068	0.183288	0	0.543356	0.002067	0.000633	0	0.002699	0.012321	0.070355	0.085376	0.002248	0.000688	0	0.002936	0.049285	0.201014	0.253235	1523.895	195.9029	0
Statewide Totals	2044	LDA	Aggregate	Aggregate	Gasoline	12726626	496314486.5	4.96E+08	0	59177438	0	10.80734	0	10.55084	21.35818	0.273134	0	0.051465	0.324598	1.094187	1.466839	2.885624	0.297058	0	0.055973	0.35303	4.376748	4.190968	8.920746	125333.5	0	3510.758
Statewide Totals	2044	LDA	Aggregate	Aggregate	Diesel	8971.276	303326.3368	303326.3	0	39448	0	0.008705	0	0	0.008705	0.000509	0	0	0.000509	0.000669	0.0009	0.002078	0.000532	0	0	0.000532	0.002675	0.002571	0.005778	62.57421	0	0
Statewide Totals	2044	LDA	Aggregate	Aggregate	Electricity	1722898	69542077.6	0	69542078	8113576	26848982	0	0	0	0	0	0	0	0	0.153314	0.117839	0.271153	0	0	0	0	0.613256	0.336683	0.949939	0	0	0
Statewide Totals	2044	LDA	Aggregate	Aggregate	Plug-in Hyb	595148.2	23610777.33	9658689	13952089	2460938	4213947	0.07067	0	0.307994	0.378665	0.005338	0	0.002221	0.007559	0.052053	0.036774	0.096386	0.005805	0	0.002416	0.008221	0.208211	0.105067	0.3215	3056.045	0	151.0007
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Gasoline	981072.2	34932814.65	34932815	0	4405235	0	0.898985	0	0.894175	1.79316	0.022261	0	0.004445	0.026706	0.077014	0.125474	0.229194	0.024211	0	0.004835	0.029046	0.308055	0.358498	0.695598	10318.42	0	308.6338
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Diesel	10.62396	399.9127648	399.9128	0	49.11702	0	1.65E-05	0	0	1.65E-05	1.9E-06	0	0	1.9E-06	8.82E-07	1.42E-06	4.21E-06	1.99E-06	0	0	1.99E-06	3.53E-06	4.06E-06	9.57E-06	0.152546	0	0
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Electricity	26398.72	1067414.163	0	1067414	124841.7	412110	0	0	0	0	0	0	0	0	0.002353	0.001809	0.004163	0	0	0	0	0.009413	0.00517	0.014583	0	0	0
Statewide Totals	2044	LDT1	Aggregate	Aggregate	Plug-in Hyb	20224.4	799302.792	325542.2	473760.6	83627.88	143089.8	0.002387	0	0.010453	0.01284	0.000173	0	6.96E-05	0.000243	0.001762	0.001249	0.003253	0.000188	0	7.57E-05	0.000264	0.007049	0.003567	0.01088	103.3306	0	5.86023
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Gasoline	7624261	286357415.1	2.86E+08	0	35157351	0	7.540446	0	7.981533	15.52198	0.165323	0	0.031635	0.196958	0.63131	1.011203	1.839472	0.179804	0	0.034406	0.21421	2.525242	2.889153	5.628605	87098.77	0	2565.414
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Diesel	28932.16	1093628.365	1093628	0	133997.9	0	0.036129	0	0	0.036129	0.004931	0	0	0.004931	0.002411	0.003857	0.0112	0.005154	0	0	0.005154	0.009644	0.011021	0.025819	308.8241	0	0
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Electricity	289032	8088307.11	0	8088307	1367410	3122754	0	0	0	0	0	0	0	0	0.017832	0.013711	0.031543	0	0	0	0	0.071327	0.039175	0.110502	0	0	0
Statewide Totals	2044	LDT2	Aggregate	Aggregate	Plug-in Hyb	200296.6	7742091.376	3160850	4581242	828226.5	1383672	0.023159	0	0.103622	0.126782	0.001715	0	0.000712	0.002427	0.017068	0.012084	0.03158	0.001865	0	0.000775	0.002639	0.068274	0.034527	0.10544	1001.9	0	61.07171
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Gasoline	349280.1	12070496.52	12070497	0	5203752	0	0.314488	0.009797	2.39441	2.718695	0.014514	0	0.000632	0.015146	0.026611	0.363239	0.404995	0.015785	0	0.000687	0.016472	0.106444	1.037825	1.160741	8440.592	41.67054	136.0164
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Diesel	250272.2	8427109.393	8427109	0	3148110	0	2.897342	0.294317	0	3.191659	0.149992	0.007256	0	0.157248	0.027868	0.253598	0.438714	0.156774	0.007584	0	0.164358	0.111472	0.724565	1.000395	4969.329	32.32316	0
Statewide Totals	2044	LHDT1	Aggregate	Aggregate	Electricity	337243.1	15093524.53	0	15093525	4716235	9161279	0	0	0	0	0	0	0	0	0.033276	0.227105	0.260381	0	0	0	0	0.133102	0.648873	0.781975	0	0	0
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Gasoline	44541.84	1493751.029	1493751	0	663607.1	0	0.040598	0.001107	0.268307	0.310012	0.001744	0	6.73E-05	0.001811	0.003293	0.052444	0.057548	0.001896	0	7.32E-05	0.00197	0.013173	0.149839	0.164981	1157.831	6.126661	17.05773
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Diesel	122916.6	3970496.445	3970496	0	1546136	0	1.958533	0.155059	0	2.113592	0.087866	0.003553	0	0.091419	0.01313	0.139399	0.243948	0.091839	0.003714	0	0.095553	0.052521	0.398282	0.546355	2740.402	25.90491	0
Statewide Totals	2044	LHDT2	Aggregate	Aggregate	Electricity	86862.12	3749187.857	0	3749188	1149653	2251281	0	0	0	0	0	0	0	0	0.008266	0.065814	0.07408	0	0	0	0	0.033062	0.188041	0.221103	0	0	0
Statewide Totals	2044	MCY	Aggregate	Aggregate	Gasoline	759218.6	4116954.292	4116954	0	1518437	0	2.158102	0	0.12606	2.284162	0.009713	0	0.005486	0.015199	0.004538	0.01906	0.038798	0.010417	0	0.005879	0.016296	0.018153	0.054458	0.088907	857.4332	0	63.74364
Statewide Totals	2044	MDV	Aggregate	Aggregate	Gasoline	4485205	161836216.3	1.62E+08	0	20451980	0	5.045694	0	5.211509	10.2572	0.096207	0	0.019264	0.115471	0.356788	0.579711	1.05197	0.104634	0	0.020951	0.125585	1.427152	1.656318	3.209055	59823.28	0	1828.833
Statewide Totals	2044	MDV	Aggregate	Aggregate	Diesel	50760.32	1787503.886	1787504	0	229555.2	0	0.029143	0	0	0.029143	0.00236	0	0	0.00236	0.003941	0.006425	0.012726	0.002467	0	0	0.002467	0.015763	0.018358	0.036588	662.2669	0	0
Statewide Totals	2044	MDV	Aggregate	Aggregate	Electricity	265890	7352898.819	0	7352899	1252691	2838826	0	0	0	0	0	0	0	0	0.01621	0.01248	0.02869	0	0	0	0	0.064841	0.035656	0.100497	0	0	0
Statewide Totals	2044	MDV	Aggregate	Aggregate	Plug-in Hyb	126694.7	4758697.458	1944698	2814000	523882.6	849911.8	0.014237	0	0.065535	0.079773	0.001075	0	0.000463	0.001538	0.010491	0.00743	0.019459	0.001169	0	0.000503	0.001672	0.041965	0.021229	0.064866	616.0246	0	47.06682
Statewide Totals	2044	MH	Aggregate	Aggregate	Gasoline	46432.85	491779.7458	491779.7	0	4645.142	0	0.090932	0	0.00201	0.092941	0.000627	0	1.71E-06	0.000629	0.001626	0.008345	0.0106	0.000682	0	1.86E-06	0.000684	0.006505	0.023843	0.031032	1003.956	0	0.153347
Statewide Totals	2044	MH	Aggregate	Aggregate	Diesel	30808.36	284059.1049	284059.1	0	3080.836	0	0.733316	0	0	0.733316	0.009836	0	0	0.009836	0.001252	0.004801	0.015889	0.010281	0	0	0.010281	0.00501	0.013716	0.029007	328.046	0	0
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Gasoline	24765.86	1191168.207	1191168	0	495515.3	0	0.097137	0.001645	0.179181	0.277963	0.001535	0	0.000248	0.001783	0.003939	0.020199	0.025922	0.00167	0	0.00027	0.001939	0.015756	0.057712	0.075408	1940.828	12.89689	20.61276
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Diesel	236737.4	9910440.323	9910440	0	2865857	0	3.362619	1.786069	3.761166	8.909854	0.039969	0.000681	0	0.04065	0.032773	0.168708	0.242131	0.041776	0.000712	0	0.042488	0.131093	0.482022	0.655603	10853.41	498.8865	0
Statewide Totals	2044	MHDT	Aggregate	Aggregate	Electricity	203054.3	9452544.677	0	9452545	2595625	10090734	0	0	0	0	0	0	0	0	0.031259	0.080606	0.111865	0	0	0	0	0.125036	0.230303	0.355339	0	0	0

Statewide Totals	2044	MHDT	Aggregate	Aggregate	Natural Ga:	3798.098	151249.147	151249.1	0	34592.11	0	0.010372	0.026618	0	0.036991	0.000214	9.5E-05	0	0.000309	0.0005	0.002588	0.003397	0.000233	0.000103	0	0.000336	0.002001	0.007394	0.009731	144.0618	22.71652	0
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Gasoline	6201.257	192631.2766	192631.3	0	124074.8	0	0.055014	0.000352	0.047677	0.103042	0.000229	0	3.65E-05	0.000265	0.000637	0.003289	0.004191	0.000249	0	3.97E-05	0.000289	0.002548	0.009396	0.012233	321.0487	2.408324	3.907165
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Diesel	12070.49	786749.1227	786749.1	0	141664.1	0	0.739906	0.074325	0.154601	0.968832	0.011342	6.51E-05	0	0.011407	0.002602	0.018826	0.032835	0.011854	6.81E-05	0	0.011922	0.010407	0.053789	0.076119	1048.452	28.23904	0
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Electricity	3021.659	197864.497	0	197864.5	60457.36	214099.6	0	0	0	0	0	0	0	0	0.000654	0.001688	0.002342	0	0	0	0	0.002617	0.004823	0.00744	0	0	0
Statewide Totals	2044	OBUS	Aggregate	Aggregate	Natural Ga:	1042.194	53593.29896	53593.3	0	9275.53	0	0.0051	0.001721	0	0.006821	7.12E-05	5.56E-06	0	7.67E-05	0.000177	0.00092	0.001174	7.74E-05	6.05E-06	0	8.35E-05	0.000709	0.002629	0.003421	48.5592	1.333097	0
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Gasoline	4509.457	231116.9114	231116.9	0	18037.83	0	0.037666	0.003587	0.015597	0.056851	0.00032	0	1.49E-05	0.000335	0.00051	0.004081	0.004926	0.000348	0	1.62E-05	0.000364	0.002038	0.01166	0.014062	199.0321	11.94779	1.016131
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Diesel	11425.63	233494.6296	233494.6	0	165443.1	0	0.117167	0.088135	0.120548	0.32585	0.000915	2.94E-05	0	0.000944	0.000772	0.004081	0.005797	0.000956	3.08E-05	0	0.000987	0.003089	0.011661	0.015736	275.0235	23.88038	0
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Electricity	10192.37	300783.4529	0	300783.5	128787.1	328911.4	0	0	0	0	0	0	0	0	0.000896	0.00265	0.003546	0	0	0	0	0.003586	0.007571	0.011156	0	0	0
Statewide Totals	2044	SBUS	Aggregate	Aggregate	Natural Ga:	4461.562	90315.86084	90315.86	0	64603.42	0	0.034199	0.024894	0	0.059093	0.000392	8.04E-05	0	0.000472	0.000299	0.001616	0.002387	0.000426	8.74E-05	0	0.000514	0.001195	0.004616	0.006324	139.7321	20.92431	0
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Gasoline	1892.514	175798.9886	175799	0	7570.056	0	0.003248	0	0.002298	0.005546	0.000211	0	1.12E-06	0.000212	0.000388	0.006172	0.006771	0.000229	0	1.21E-06	0.00023	0.00155	0.017634	0.019415	133.7457	0	0.285377
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Diesel	67.47016	3670.206399	3670.206	0	269.8806	0	0.000782	0	0	0.000782	5.64E-05	0	0	5.64E-05	1.21E-05	0.000129	0.000197	5.9E-05	0	0	5.9E-05	4.85E-05	0.000368	0.000476	2.67526	0	0
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Electricity	16562.66	1817313.098	0	1817313	66250.64	3512789	0	0	0	0	0	0	0	0	0.015742	0.038562	0.054304	0	0	0	0	0.062967	0.110178	0.173145	0	0	0
Statewide Totals	2044	UBUS	Aggregate	Aggregate	Natural Ga:	247.8676	18021.79271	18021.79	0	991.4704	0	0.002904	0	0	0.002904	0.000209	0	0	0.000209	5.96E-05	0.000633	0.000902	0.000219	0	0	0.000219	0.000238	0.001808	0.002265	12.1815	0	0
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Gasoline	33.58427	3944.822118	3944.822	0	671.954	0	0.009278	0	0.00049	0.009768	5.06E-06	0	3.44E-07	5.41E-06	2.17E-05	0.000139	0.000166	5.51E-06	0	3.74E-07	5.88E-06	8.7E-05	0.000397	0.00049	7.435315	0	0.03187
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Diesel	413177.8	62367936.88	62367937	0	7201774	0	85.83697	31.9077	19.8316	137.5763	1.766209	0.013032	0	1.779241	0.614153	1.989551	4.382945	1.84607	0.013621	0	1.85969	2.456612	5.684432	10.00073	87227.98	6012.59	0
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Electricity	104732.8	10493015.66	0	10493016	1345128	19136513	0	0	0	0	0	0	0	0	0.099767	0.176657	0.276424	0	0	0	0	0.399068	0.504733	0.903801	0	0	0
Statewide Totals	2045	HHDT	Aggregate	Aggregate	Natural Ga:	19849.46	1235829.09	1235829	0	152775	0	0.340229	0.18346	0	0.523689	0.002041	0.00064	0	0.00268	0.01226	0.069679	0.08462	0.002219	0.000696	0	0.002915	0.049042	0.199084	0.251041	1512.578	195.5651	0
Statewide Totals	2045	LDA	Aggregate	Aggregate	Gasoline	12765277	497148656.4	4.97E+08	0	59369327	0	10.75533	0	10.49878	21.25412	0.269094	0	0.050402	0.319495	1.096026	1.469051	2.884572	0.292664	0	0.054817	0.34748	4.384104	4.197288	8.928873	125353.3	0	3512.088
Statewide Totals	2045	LDA	Aggregate	Aggregate	Diesel	8803.722	300272.4512	300272.5	0	38832.61	0	0.007722	0	0	0.007722	0.00046	0	0	0.00046	0.000662	0.00089	0.002012	0.00048	0	0	0.00048	0.002648	0.002543	0.005671	61.65272	0	0
Statewide Totals	2045	LDA	Aggregate	Aggregate	Electricity	1739474	69887031.25	0	69887031	8182998	26982162	0	0	0	0	0	0	0	0	0.154075	0.118429	0.272504	0	0	0	0	0.616298	0.338369	0.954668	0	0	0
Statewide Totals	2045	LDA	Aggregate	Aggregate	Plug-in Hyb	597981.1	23648188.87	9661687	13986502	2472652	4224340	0.070686	0	0.309466	0.380152	0.00525	0	0.002185	0.007435	0.052135	0.036835	0.096405	0.00571	0	0.002376	0.008086	0.208541	0.105243	0.32187	3056.782	0	151.4588
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Gasoline	977494.5	34854646.37	34854646	0	4396912	0	0.862947	0	0.873498	1.736445	0.0215	0	0.004265	0.025765	0.076841	0.125105	0.227711	0.023383	0	0.004639	0.028022	0.307366	0.357442	0.692829	10249.96	0	306.0035
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Diesel	10.74282	403.0902837	403.0903	0	49.65331	0	1.54E-05	0	0	1.54E-05	1.89E-06	0	0	1.89E-06	8.89E-07	1.43E-06	4.21E-06	1.98E-06	0	0	1.98E-06	3.55E-06	4.09E-06	9.62E-06	0.153482	0	0
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Electricity	27212.29	1087971.914	0	1087972	128280	420047	0	0	0	0	0	0	0	0	0.002399	0.001845	0.004243	0	0	0	0	0.009594	0.005271	0.014865	0	0	0
Statewide Totals	2045	LDT1	Aggregate	Aggregate	Plug-in Hyb	20822.72	814621.2185	331701.2	482920	86101.93	145856.2	0.002432	0	0.010762	0.013194	0.000175	0	7.12E-05	0.000247	0.001796	0.001273	0.003315	0.000191	0	7.74E-05	0.000268	0.007184	0.003636	0.011088	105.275	0	6.03156
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Gasoline	7654517	286882303.4	2.87E+08	0	35294410	0	7.364654	0	7.925767	15.29042	0.162307	0	0.030973	0.19328	0.632468	1.012952	1.838699	0.176524	0	0.033686	0.210209	2.52987	2.894148	5.634228	87048.29	0	2566.378
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Diesel	29111.72	1096783.774	1096784	0	134722.1	0	0.036148	0	0	0.036148	0.004946	0	0	0.004946	0.002418	0.003869	0.011233	0.00517	0	0	0.00517	0.009672	0.011054	0.025896	309.1327	0	0
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Electricity	295076.2	8187172.023	0	8187172	1392724	3160924	0	0	0	0	0	0	0	0	0.01805	0.013881	0.03193	0	0	0	0	0.072198	0.03966	0.111858	0	0	0
Statewide Totals	2045	LDT2	Aggregate	Aggregate	Plug-in Hyb	203444.4	7813805.232	3188062	4625743	841242.5	1397112	0.023356	0	0.105255	0.128611	0.001711	0	0.000714	0.002425	0.017226	0.012198	0.03185	0.001861	0	0.000777	0.002638	0.068906	0.03485	0.106394	1010.427	0	61.97803
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Gasoline	339775.6	11778277.7	11778278	0	5062150	0	0.282716	0.009407	2.298872	2.590995	0.01411	0	0.000585	0.014695	0.025967	0.354445	0.395107	0.015346	0	0.000636	0.015982	0.103867	1.0127	1.132549	8204.012	40.41532	131.9558
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Diesel	244164.2	8224312.164	8224312	0	3071279	0	2.576506	0.278961	0	2.855467	0.142289	0.007084	0	0.149373	0.027197	0.247495	0.424066	0.148723	0.007404	0	0.156127	0.108789	0.707129	0.972045	4838.708	31.40447	0
Statewide Totals	2045	LHDT1	Aggregate	Aggregate	Electricity	354827	15621566.93	0	15621567	4961444	9483361	0	0	0	0	0	0	0	0	0.03444	0.235051	0.26949	0	0	0	0	0.137759	0.671573	0.809332	0	0	0
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Gasoline	43334.85	1455788.313	1455788	0	645624.6	0	0.037691	0.001055	0.254532	0.293278	0.001705	0	6.48E-05	0.00177	0.003209	0.051111	0.05609	0.001855	0	7.05E-05	0.001925	0.012838	0.146031	0.160794	1124.022	5.939602	16.55328
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Diesel	120625	3885951.054	3885951	0	1517311	0	1.781842	0.149394	0	1.931236	0.085272	0.003489	0	0.08876	0.012851	0.13643	0.238041	0.089127	0.003647	0	0.092774	0.051402	0.389801	0.533977	2676.956	25.35007	0
Statewide Totals	2045	LHDT2	Aggregate	Aggregate	Electricity	91503.85	3886304.252	0	3886304	1210982	2333825	0	0	0	0	0	0	0	0	0.008568	0.068221	0.076789	0	0	0	0	0.034271	0.194918	0.22919	0	0	0
Statewide Totals	2045	MCY	Aggregate	Aggregate	Gasoline	760274.6	4116645.18	4116645	0	1520549	0	2.147016	0	0.121908	2.268924	0.009725	0	0.005489	0.015214	0.004538	0.019059	0.038811	0.010431	0	0.005883	0.016314	0.018151	0.054454	0.088919	856.9509	0	63.06287
Statewide Totals	2045	MDV	Aggregate	Aggregate	Gasoline	4495436	162014289.2	1.62E+08	0	20505695	0	4.807795	0	5.110881	9.918676	0.093975	0	0.01871	0.112685	0.357181	0.580277	1.050142	0.102206	0	0.020349	0.122555	1.428722	1.657933	3.209211	59705.2	0	1824.946
Statewide Totals	2045	MDV	Aggregate	Aggregate	Diesel	50648.27	1782762.67	1782763	0	229075.4	0	0.028162	0	0	0.028162	0.00224	0	0	0.00224	0.00393	0.006405	0.012575	0.002341	0	0	0.002341	0.015721	0.018299	0.036361	658.0498	0	0
Statewide Totals	2045	MDV	Aggregate	Aggregate	Electricity	271389.7	7437827.378	0	7437827	1275358	2871615	0	0	0	0	0	0	0	0	0.016398	0.012625	0.029023	0	0	0	0	0.06559	0.036073	0.101663	0	0	0
Statewide Totals	2045	MDV	Aggregate	Aggregate	Plug-in Hyb	128944.5	4808574.65	1963454	2845120	533185.5	859311.1	0.014374	0	0.066701	0.081075	0.001072	0	0.000464	0.001536	0.010601	0.007509	0.019646	0.001165	0	0.000505	0.00167	0.042404	0.021456	0.06553	621.9194	0	47.84856
Statewide Totals	2045	MH	Aggregate	Aggregate	Gasoline	46081.57	489416.4407	489416.4	0	4610	0	0.101049	0	0.001944	0.102993	0.000626	0	1.71E-06	0.000628	0.001618	0.008305	0.010552	0.000681	0	1.86E-06	0.000683	0.006474	0.023728	0.030886	999.1252	0	0.152173
Statewide Totals	2045	MH	Aggregate	Aggregate	Diesel	30489.85	282005.3335	282005.3	0	3048.985	0	0.710016	0	0	0.710016	0.008817	0	0	0.008817	0.001243	0.004766	0.014826	0.009216	0	0	0.009216	0.004974	0.013616	0.027806	325.7269	0	0
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Gasoline	23972.29	1155978.901	1155979	0	479637.5	0	0.089402	0.001568	0.182578	0.273548	0.001493	0	0.000241	0.001735	0.003823	0.019604	0.025161	0.001624	0	0.000262	0.001887	0.015291	0.05601	0.073188	1877.174	12.41983	19.8452
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Diesel	234923.2	9898340.664	9898341	0	2847509	0	3.24447	1.744187	3.686332	8.674989	0.039461	0.000665	0	0.040126	0.032733	0.168474	0.241333	0.041246	0.000695	0	0.04194	0.130933	0.481354	0.654227	10796.5	491.8088	0
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Electricity	215166.6	9917612.667	0	9917613	2749224	10585636	0	0	0	0	0	0	0	0	0.032797	0.084573	0.11737	0	0	0	0	0.131188	0.241638	0.372825	0	0	0
Statewide Totals	2045	MHDT	Aggregate	Aggregate	Natural Ga:	3758.648	150185.6351	150185.6	0	34381.45	0	0.010119	0.026266	0	0.036385	0.000213	9.43E-05	0	0.000307	0.000497	0.00257	0.003374	0.000232	0.000103	0	0.000334	0.001987	0.007342	0.009663	142.8298	22.43183	0
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Gasoline	5954.305	186428.122	186428.1	0	119133.7	0	0.054303	0.000335	0.046635	0.101273	0.000221	0	3.48E-05	0.000256	0.000617	0.003183	0.004055	0.000241	0	3.78E-05	0.000279	0.002466	0.009093	0.011838	309.3822	2.30153	3.703469
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Diesel	12146.33	789405.8489	789405.8	0	142530.3	0	0.721981	0.072501	0.152651	0.947134	0.010806	6.26E-05	0	0.010869	0.002611	0.018915	0.032394	0.011295	6.54E-05	0	0.01136	0.010442	0.054043	0.075845	1050.381	28.28626	0
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Electricity	3144.142	202824.4368	0	202824.4	62907.99	219475.7	0	0	0	0	0	0	0	0	0.000671	0.00173	0.002401	0	0	0	0	0.002683	0.004944	0.007627	0	0	0
Statewide Totals	2045	OBUS	Aggregate	Aggregate	Natural Ga:	1052.127	53795.63115	53795.63	0	9363.932	0	0.005094	0.001737	0	0.006831	7.16E-05	5.63E-06	0	7.72E-05	0.000178	0.000924	0.001179	7.79E-05	6.12E-06	0	8.4E-05	0.000712	0.002639	0.003435	48.69145	1.344318	0
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Gasoline	4352.345	221970.8428	221970.8	0	17409.38	0	0.035164	0.003391	0.014782	0.053337	0.000313	0	1.46E-05	0.000327	0.000489	0.00392	0.004737	0.00034	0	1.58E-05	0.000356	0.001957	0.011201	0.013514	190.2104	11.47476	0.976758
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Diesel	10946.96	223917.7059	223917.7	0	158511.9	0	0.099105	0.080767	0.112521	0.292393	0.000822	2.79E-05	0	0.00085	0.00074	0.003914	0.005505	0.000859	2.92E-05	0	0.000889	0.002962	0.011183	0.015033	262.7895	22.67379	0
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Electricity	10919.81	320337.5368	0	320337.5	138063	350307.3	0	0	0	0	0	0	0	0	0.000955	0.002822	0.003777	0	0	0	0	0.003819	0.008063	0.011882	0	0	0
Statewide Totals	2045	SBUS	Aggregate	Aggregate	Natural Ga:	4239.402	86135.1912	86135.19	0	61386.53	0	0.029461	0.023573	0	0.053033	0.000374	7.83E-05	0	0.000452	0.000285	0.001541	0.002278	0.000406	8.52E-05	0	0.000492	0.001139	0.004402	0.006033	131.8296	19.94037	0
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Gasoline	1923.357	179245.6814	179245.7	0	7693.428	0	0.003319	0	0.002329	0.005649	0.000215	0	1.13E-06	0.000216	0.000395	0.006293	0.006904	0.000233	0	1.23E-06	0.000235	0.001581	0.01798	0.019795	136.0254	0	0.289548
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Diesel	67.50585	3672.363318	3672.363	0	270.0234	0	0.000815	0	0	0.000815	6.16E-05	0	0	6.16E-05	1.21E-05	0.000129	0.000203	6.44E-05	0	0	6.44E-05	4.86E-05	0.000368	0.000481	2.676834	0	0
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Electricity	16876.1	1854150.056	0	1854150	67504.38	3587654	0	0	0	0	0	0	0	0	0.016071	0.039344	0.055415	0	0	0	0	0.064283	0.112412	0.176695	0	0	0
Statewide Totals	2045	UBUS	Aggregate	Aggregate	Natural Ga:	253.3101	18444.73233	18444.73	0	1013.241	0	0.003054	0	0	0.003054	0.000227	0	0	0.000227	6.1E-05	0.000648	0.000936	0.000238	0	0	0.000238	0.000244	0.00185	0.002332	12.44155	0	0
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Gasoline	32.50381	3850.651423	3850.651	0	650.3363	0	0.00912	0	0.00063	0.00975	4.95E-06	0	3.34E-07	5.28E-06	2.12E-05	0.000136	0.000162	5.38E-06	0	3.63E-07	5.74E-06	8.49E-05	0.000388	0.000479	7.236882	0	0.030731
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Diesel	421414	63975214.01	63975214	0	7376963	0	87.70611	32.74932	20.23232	140.6877	1.812313	0.013362	0	1.825675	0.630102	2.04123	4.497007	1.894257	0.013967	0	1.908224	2.520409	5.832085	10.26072	89300	6168.448	0
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Electricity	110107.9	10905644.57	0	10905645	1409731	19889654	0	0	0	0	0	0	0	0	0.103659	0.183629	0.287288	0	0	0	0	0.414636	0.524655	0.939291	0	0	0
Statewide Totals	2046	HHDT	Aggregate	Aggregate	Natural Ga:	19741.62	1231645.934	1231646	0	152974.6	0	0.31594	0.184036	0	0.499976	0.002013	0.000648	0	0.00266	0.012219	0.069117	0.083996	0.002189	0.000704	0	0.002893	0.048876	0.197476	0.249245	1503.581	195.5224	0
Statewide Totals	2046	LDA	Aggregate	Aggregate	Gasoline	12804510	497940053.4	4.98E+08	0	59560592	0	10.71638	0	10.46191	21.17829	0.265924	0	0.049543	0.315467	1.097771	1.471146	2.884384	0.289217	0	0.053883	0.3431	4.391083	4.203274	8.937457	125401.4	0	3515.108
Statewide Totals	2046	LDA	Aggregate	Aggregate	Diesel	8673.866	297992.7073	297992.7	0	38363.45	0	0.006866	0	0	0.006866	0.000419	0	0	0.000419	0.000657	0.000883	0.001959	0.000438	0	0	0.000438	0.002628	0.002522	0.005588	60.95116	0	0
Statewide Totals	2046	LDA	Aggregate	Aggregate	Electricity	1754491	70184477.09	0	70184477	8245684	27097001	0	0	0	0	0	0	0	0	0.15473	0.118938	0.273669	0	0	0	0	0.618921	0.339824	0.958745	0	0	0
Statewide Totals	2046	LDA	Aggregate	Aggregate	Plug-in Hyb	600699.6	23683754.71	9666741	14017014	2483893	4233556	0.070718	0	0.310877	0.381595	0.005182	0	0.002156	0.007337	0.052214	0.036893	0.096444	0.005635	0	0.002345	0.00798	0.208855	0.105407	0.322242	3058.166	0	151.9377
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Gasoline	975118.8	34797981.63	34797982	0	4392619	0	0.834759	0	0.857508	1.692267	0.020856	0	0.004113	0.024968	0.076716	0.124825	0.22651	0.022682	0	0.004473	0.027155	0.306866	0.356644	0.690665	10194.6	0	303.9565
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Diesel	10.83869	405.8970827	405.8971	0	50.10632	0	1.45E-05	0	0	1.45E-05	1.88E-06	0	0	1.88E-06	8.95E-07	1.44E-06	4.22E-06	1.97E-06	0	0	1.97E-06	3.58E-06	4.12E-06	9.67E-06	0.154314	0	0
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Electricity	27972.69	1106096.665	0	1106097	131443.8	427044.6	0	0	0	0	0	0	0	0	0.002439	0.001876	0.004314	0	0	0	0	0.009754	0.005359	0.015113	0	0	0
Statewide Totals	2046	LDT1	Aggregate	Aggregate	Plug-in Hyb	21373.46	828213.1384	337166.2	491046.9	88379.24	148310.8	0.002472	0	0.011047	0.013519	0.000177	0	7.26E-05	0.00025	0.001826	0.001294	0.00337	0.000193	0	7.9E-05	0.000272	0.007304	0.003698	0.011273	106.9993	0	6.189259
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Gasoline	7684536	287379144.1	2.87E+08	0	35428337	0	7.227845	0	7.887428	15.11527	0.15983	0	0.030424	0.190254	0.633563	1.01461	1.838427	0.173829	0	0.033089	0.206919	2.534252	2.898884	5.640055	87023.15	0	2568.468
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Diesel	29286.17	1099710.407	1099710	0	135420.5	0	0.036176	0	0	0.036176	0.00496	0	0	0.00496	0.002424	0.00388	0.011264	0.005184	0	0	0.005184	0.009698	0.011084	0.025967	309.4743	0	0
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Electricity	300491.9	8271149.228	0	8271149	1415192	3193346	0	0	0	0	0	0	0	0	0.018235	0.014025	0.03226	0	0	0	0	0.072939	0.040071	0.11301	0	0	0
Statewide Totals	2046	LDT2	Aggregate	Aggregate	Plug-in Hyb	206295.8	7876064.336	3211795	4664269	853033	1408748	0.023528	0	0.106734	0.130262	0.001709	0	0.000717	0.002426	0.017364	0.012296	0.032085	0.001859	0	0.000779	0.002638	0.069455	0.035131	0.107224	1017.852	0	62.80282
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Gasoline	330696.5	11510323.06	11510323	0	4926886	0	0.252339	0.00904	2.208994	2.470373	0.013731	0	0.000538	0.014269	0.025376	0.346381	0.386026	0.014934	0	0.000585	0.015519	0.101504	0.989661	1.106683	7987.185	39.22083	128.1258
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Diesel	238147	8034848.409	8034848	0	2995590	0	2.265249	0.264073	0	2.529322	0.134914	0.006915	0	0.141828	0.026571	0.241793	0.410193	0.141014	0.007227	0	0.148241	0.106283	0.690839	0.945363	4717.156	30.50145	0
Statewide Totals	2046	LHDT1	Aggregate	Aggregate	Electricity	371462.8	16102783.51	0	16102784	5193297	9777073	0	0	0	0	0	0	0	0	0.035501	0.242291	0.277792	0	0	0	0	0.142002	0.692261	0.834263	0	0	0

Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Gasoline	42220.34	1421617.699	1421618	0	629020.2	0	0.035028	0.001007	0.241894	0.277929	0.00167	0	6.23E-05	0.001733	0.003134	0.049911	0.054778	0.001817	0	6.78E-05	0.001884	0.012537	0.142603	0.157024	1093.764	5.767661	16.08933
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Diesel	118177.8	3803701.75	3803702	0	1486528	0	1.577182	0.143319	0	1.720502	0.082568	0.00342	0	0.085988	0.012579	0.133543	0.232109	0.086301	0.003575	0	0.089876	0.050314	0.381551	0.521741	2615.567	24.75586	0
Statewide Totals	2046	LHDT2	Aggregate	Aggregate	Electricity	95925.32	4012374.79	0	4012375	1269397	2409755	0	0	0	0	0	0	0	0	0.008846	0.070434	0.07928	0	0	0	0	0.035383	0.201241	0.236624	0	0	0
Statewide Totals	2046	MCY	Aggregate	Aggregate	Gasoline	759992.6	4115081.193	4115081	0	1519985	0	2.135102	0	0.116944	2.252046	0.00973	0	0.005474	0.015204	0.004536	0.019052	0.038792	0.010437	0	0.005868	0.016305	0.018144	0.054433	0.088883	856.1992	0	62.15853
Statewide Totals	2046	MDV	Aggregate	Aggregate	Gasoline	4502082	162141988.4	1.62E+08	0	20549502	0	4.542771	0	4.974831	9.517602	0.091911	0	0.018182	0.110093	0.357462	0.580632	1.048187	0.099962	0	0.019775	0.119736	1.429848	1.658949	3.208534	59584.82	0	1820.59
Statewide Totals	2046	MDV	Aggregate	Aggregate	Diesel	50590.64	1779337.21	1779337	0	228813.3	0	0.027446	0	0	0.027446	0.002144	0	0	0.002144	0.003923	0.006389	0.012456	0.002241	0	0	0.002241	0.015691	0.018255	0.036186	654.7311	0	0
Statewide Totals	2046	MDV	Aggregate	Aggregate	Electricity	276324.9	7510261.341	0	7510261	1295523	2899581	0	0	0	0	0	0	0	0	0.016557	0.01275	0.029307	0	0	0	0	0.066229	0.036429	0.102658	0	0	0
Statewide Totals	2046	MDV	Aggregate	Aggregate	Plug-in Hyb	130972.5	4851754.709	1979722	2872032	541571.5	867439.4	0.014491	0	0.067752	0.082243	0.001069	0	0.000465	0.001534	0.010696	0.007578	0.019808	0.001162	0	0.000506	0.001668	0.042785	0.021651	0.066105	627.0245	0	48.55435
Statewide Totals	2046	MH	Aggregate	Aggregate	Gasoline	45868.11	487778.4145	487778.4	0	4588.646	0	0.108342	0	0.001919	0.110261	0.000626	0	1.71E-06	0.000628	0.001613	0.008277	0.010518	0.000681	0	1.87E-06	0.000683	0.006452	0.023649	0.030785	995.7939	0	0.151464
Statewide Totals	2046	MH	Aggregate	Aggregate	Diesel	30232.53	280295.4544	280295.5	0	3023.253	0	0.69087	0	0	0.69087	0.007935	0	0	0.007935	0.001236	0.004737	0.013907	0.008293	0	0	0.008293	0.004944	0.013533	0.02677	323.7982	0	0
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Gasoline	23246.83	1125279.932	1125280	0	465122.6	0	0.083398	0.001499	0.188468	0.273364	0.001457	0	0.000235	0.001692	0.003721	0.019084	0.024497	0.001584	0	0.000256	0.00184	0.014885	0.054526	0.071251	1821.918	11.98617	19.1464
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Diesel	233657.4	9912056.087	9912056	0	2835943	0	3.149311	1.710195	3.625597	8.485103	0.039107	0.000652	0	0.039759	0.032779	0.16868	0.241217	0.040875	0.000681	0	0.041557	0.131114	0.481943	0.654613	10770.72	486.1081	0
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Electricity	226956	10362957.75	0	10362958	2898562	11059377	0	0	0	0	0	0	0	0	0.03427	0.088372	0.122642	0	0	0	0	0.137078	0.252492	0.38957	0	0	0
Statewide Totals	2046	MHDT	Aggregate	Aggregate	Natural Ga:	3721.746	149308.3344	149308.3	0	34192.82	0	0.009878	0.025933	0	0.035812	0.000213	9.36E-05	0	0.000306	0.000494	0.002555	0.003355	0.000231	0.000102	0	0.000333	0.001975	0.007299	0.009607	141.7935	22.16515	0
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Gasoline	5688.935	180675.9802	180676	0	113824.2	0	0.053095	0.000316	0.043775	0.097186	0.000214	0	3.26E-05	0.000247	0.000597	0.003084	0.003928	0.000233	0	3.55E-05	0.000268	0.00239	0.008812	0.01147	298.4947	2.186519	3.481971
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Diesel	12219.61	791938.4618	791938.5	0	143398.8	0	0.702503	0.070949	0.150937	0.92439	0.010265	6E-05	0	0.010325	0.002619	0.019	0.031944	0.010729	6.27E-05	0	0.010792	0.010476	0.054285	0.075553	1052.496	28.36623	0
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Electricity	3257.834	207131.5124	0	207131.5	65182.75	224146	0	0	0	0	0	0	0	0	0.000685	0.001767	0.002452	0	0	0	0	0.00274	0.005049	0.007789	0	0	0
Statewide Totals	2046	OBUS	Aggregate	Aggregate	Natural Ga:	1061.885	54015.58579	54015.59	0	9450.778	0	0.005083	0.001752	0	0.006835	7.21E-05	5.7E-06	0	7.78E-05	0.000179	0.000927	0.001184	7.84E-05	6.2E-06	0	8.46E-05	0.000715	0.00265	0.003449	48.84318	1.355598	0
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Gasoline	4167.675	211727.994	211728	0	16670.7	0	0.03316	0.003168	0.013663	0.049991	0.000302	0	1.41E-05	0.000316	0.000467	0.00374	0.004523	0.000328	0	1.53E-05	0.000343	0.001867	0.010686	0.012897	180.5231	10.93249	0.930787
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Diesel	10454.21	214492.5625	214492.6	0	151377	0	0.085718	0.073784	0.104159	0.263661	0.000752	2.66E-05	0	0.000778	0.000709	0.003749	0.005237	0.000786	2.78E-05	0	0.000814	0.002837	0.010713	0.014363	250.6942	21.46853	0
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Electricity	11649.82	339688.9757	0	339689	147369.4	371479.2	0	0	0	0	0	0	0	0	0.001012	0.002993	0.004005	0	0	0	0	0.004049	0.00855	0.012599	0	0	0
Statewide Totals	2046	SBUS	Aggregate	Aggregate	Natural Ga:	4015.343	82017.4511	82017.45	0	58142.17	0	0.025071	0.022248	0	0.047319	0.000356	7.61E-05	0	0.000432	0.000271	0.001467	0.00217	0.000387	8.27E-05	0	0.00047	0.001085	0.004191	0.005746	124.2193	18.9437	0
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Gasoline	1954.198	182692.6967	182692.7	0	7816.794	0	0.003502	0	0.002411	0.005913	0.000218	0	1.15E-06	0.00022	0.000403	0.006414	0.007036	0.000238	0	1.25E-06	0.000239	0.001611	0.018326	0.020176	138.3049	0	0.295416
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Diesel	67.5415	3674.543757	3674.544	0	270.166	0	0.000797	0	0	0.000797	5.88E-05	0	0	5.88E-05	1.22E-05	0.000129	0.0002	6.15E-05	0	0	6.15E-05	4.86E-05	0.000369	0.000479	2.678425	0	0
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Electricity	17189.45	1890981.291	0	1890981	68757.8	3662509	0	0	0	0	0	0	0	0	0.0164	0.040126	0.056525	0	0	0	0	0.065599	0.114645	0.180244	0	0	0
Statewide Totals	2046	UBUS	Aggregate	Aggregate	Natural Ga:	258.7508	18867.61483	18867.61	0	1035.003	0	0.003064	0	0	0.003064	0.000225	0	0	0.000225	6.24E-05	0.000662	0.000949	0.000235	0	0	0.000235	0.00025	0.001893	0.002377	12.70155	0	0
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Gasoline	31.59968	3771.89212	3771.892	0	632.2464	0	0.00908	0	0.000788	0.009868	4.85E-06	0	3.25E-07	5.18E-06	2.08E-05	0.000133	0.000159	5.27E-06	0	3.54E-07	5.63E-06	8.32E-05	0.000381	0.00047	7.072717	0	0.029802
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Diesel	430170.2	65655402.72	65655403	0	7560784	0	89.72814	33.6358	20.66499	144.0289	1.860991	0.013712	0	1.874703	0.646764	2.095132	4.616599	1.945137	0.014332	0	1.959469	2.587056	5.986092	10.53262	91490.12	6332.162	0
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Electricity	115349.5	11307626.71	0	11307627	1472962	20623307	0	0	0	0	0	0	0	0	0.107451	0.190388	0.297839	0	0	0	0	0.429803	0.543966	0.973769	0	0	0
Statewide Totals	2047	HHDT	Aggregate	Aggregate	Natural Ga:	19648.73	1228502.117	1228502	0	153338	0	0.28817	0.184873	0	0.473043	0.001985	0.000656	0	0.002641	0.012188	0.068589	0.083418	0.002159	0.000713	0	0.002872	0.048751	0.195969	0.247592	1495.86	195.6789	0
Statewide Totals	2047	LDA	Aggregate	Aggregate	Gasoline	12843643	498668587.2	4.99E+08	0	59748938	0	10.68582	0	10.43551	21.12134	0.26345	0	0.048853	0.312302	1.099377	1.473072	2.884751	0.286526	0	0.053132	0.339657	4.397507	4.208776	8.94594	125464.3	0	3519.333
Statewide Totals	2047	LDA	Aggregate	Aggregate	Diesel	8536.527	296041.3619	296041.4	0	37907.43	0	0.005744	0	0	0.005744	0.000374	0	0	0.000374	0.000653	0.000877	0.001903	0.00039	0	0	0.00039	0.002611	0.002504	0.005505	60.34065	0	0
Statewide Totals	2047	LDA	Aggregate	Aggregate	Electricity	1768130	70439315.25	0	70439315	8302439	27195389	0	0	0	0	0	0	0	0	0.155292	0.119374	0.274667	0	0	0	0	0.621168	0.34107	0.962238	0	0	0
Statewide Totals	2047	LDA	Aggregate	Aggregate	Plug-in Hyb	603321.3	23717044.97	9673047	14043998	2494734	4241706	0.070758	0	0.312239	0.382997	0.005129	0	0.002133	0.007262	0.052287	0.036946	0.096495	0.005578	0	0.00232	0.007898	0.209149	0.105559	0.322606	3059.953	0	152.4329
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Gasoline	973713.4	34759773.63	34759774	0	4391685	0	0.811769	0	0.844693	1.656461	0.020316	0	0.003984	0.0243	0.076632	0.124627	0.225559	0.022095	0	0.004333	0.026428	0.306529	0.356078	0.689035	10150.43	0	302.3879
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Diesel	10.91829	408.0268589	408.0269	0	50.49645	0	1.32E-05	0	0	1.32E-05	1.86E-06	0	0	1.86E-06	9E-07	1.45E-06	4.21E-06	1.94E-06	0	0	1.94E-06	3.6E-06	4.15E-06	9.68E-06	0.154843	0	0
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Electricity	28661.71	1121826.516	0	1121827	134293.2	433117.6	0	0	0	0	0	0	0	0	0.002473	0.001903	0.004376	0	0	0	0	0.009893	0.005437	0.015329	0	0	0
Statewide Totals	2047	LDT1	Aggregate	Aggregate	Plug-in Hyb	21878.33	840207.3236	341989	498218.4	90466.91	150476.8	0.002507	0	0.011308	0.013815	0.000179	0	7.4E-05	0.000253	0.001852	0.001313	0.003419	0.000195	0	8.04E-05	0.000275	0.007409	0.003752	0.011436	108.5201	0	6.333834
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Gasoline	7712817	287821315.9	2.88E+08	0	35555244	0	7.10505	0	7.853847	14.9589	0.157751	0	0.029961	0.187712	0.634538	1.016072	1.838322	0.171569	0	0.032586	0.204154	2.538151	2.903064	5.645369	87004.2	0	2570.911
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Diesel	29453.69	1102372.623	1102373	0	136086.8	0	0.036193	0	0	0.036193	0.004973	0	0	0.004973	0.00243	0.003889	0.011292	0.005198	0	0	0.005198	0.009721	0.011112	0.026031	309.8169	0	0
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Electricity	305332.9	8342011.25	0	8342011	1435095	3220705	0	0	0	0	0	0	0	0	0.018391	0.014147	0.032538	0	0	0	0	0.073564	0.040419	0.113983	0	0	0
Statewide Totals	2047	LDT2	Aggregate	Aggregate	Plug-in Hyb	208878.5	7929850.605	3232366	4697485	863712.8	1418780	0.023677	0	0.108074	0.131751	0.001708	0	0.000719	0.002427	0.017482	0.012381	0.03229	0.001857	0	0.000782	0.00264	0.069929	0.035373	0.107942	1024.278	0	63.55267
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Gasoline	322661.4	11273488.85	11273489	0	4807174	0	0.231133	0.008723	2.137341	2.377197	0.013402	0	0.000498	0.0139	0.024854	0.339254	0.378008	0.014576	0	0.000542	0.015117	0.099415	0.969298	1.08383	7797.955	38.17076	124.7485
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Diesel	232434.4	7859621.836	7859622	0	2923733	0	2.029445	0.250429	0	2.279874	0.12892	0.006753	0	0.135673	0.025991	0.23652	0.398185	0.134749	0.007058	0	0.141807	0.103965	0.675773	0.921545	4604.423	29.65322	0
Statewide Totals	2047	LHDT1	Aggregate	Aggregate	Electricity	387121.5	16539108.76	0	16539109	5411383	10043541	0	0	0	0	0	0	0	0	0.036462	0.248857	0.285319	0	0	0	0	0.14585	0.711019	0.856869	0	0	0
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Gasoline	41180.73	1390304.59	1390305	0	613531.5	0	0.032988	0.000964	0.23065	0.264602	0.001638	0	6.04E-05	0.001698	0.003065	0.048812	0.053575	0.001782	0	6.56E-05	0.001847	0.01226	0.139462	0.15357	1066.404	5.608383	15.65842
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Diesel	116050.1	3730797.675	3730798	0	1459764	0	1.440563	0.138183	0	1.578746	0.080169	0.003361	0	0.083529	0.012338	0.130983	0.22685	0.083793	0.003513	0	0.087306	0.04935	0.374238	0.510894	2561.426	24.24406	0
Statewide Totals	2047	LHDT2	Aggregate	Aggregate	Electricity	100118.3	4127821.112	0	4127821	1324787	2479318	0	0	0	0	0	0	0	0	0.0091	0.072461	0.081561	0	0	0	0	0.036401	0.207032	0.243433	0	0	0
Statewide Totals	2047	MCY	Aggregate	Aggregate	Gasoline	758448.1	4112391.375	4112391	0	1516896	0	2.122264	0	0.11109	2.233354	0.00973	0	0.005442	0.015172	0.004533	0.019039	0.038745	0.010437	0	0.005836	0.016274	0.018133	0.054398	0.088804	855.1987	0	61.02188
Statewide Totals	2047	MDV	Aggregate	Aggregate	Gasoline	4508448	162251507.7	1.62E+08	0	20591945	0	4.297313	0	4.849221	9.146534	0.09009	0	0.01771	0.1078	0.357704	0.580921	1.046424	0.097981	0	0.019261	0.117242	1.430814	1.659773	3.207829	59479.3	0	1817.02
Statewide Totals	2047	MDV	Aggregate	Aggregate	Diesel	50580.41	1776959.437	1776959	0	228733.3	0	0.026858	0	0	0.026858	0.002066	0	0	0.002066	0.003918	0.006378	0.012361	0.002159	0	0	0.002159	0.01567	0.018223	0.036052	652.159	0	0
Statewide Totals	2047	MDV	Aggregate	Aggregate	Electricity	280743.2	7571629.473	0	7571629	1313425	2923274	0	0	0	0	0	0	0	0	0.016693	0.012856	0.029548	0	0	0	0	0.06677	0.03673	0.1035	0	0	0
Statewide Totals	2047	MDV	Aggregate	Aggregate	Plug-in Hyb	132793.5	4888856.45	1993727	2895129	549101.2	874415.4	0.014593	0	0.068696	0.083289	0.001066	0	0.000466	0.001533	0.010778	0.007637	0.019948	0.00116	0	0.000507	0.001667	0.043112	0.021819	0.066598	631.4141	0	49.18921
Statewide Totals	2047	MH	Aggregate	Aggregate	Gasoline	45656.4	486205.5908	486205.6	0	4567.466	0	0.113125	0	0.001875	0.115	0.000626	0	1.72E-06	0.000628	0.001608	0.008251	0.010486	0.000681	0	1.87E-06	0.000683	0.006431	0.023573	0.030687	992.5997	0	0.150795
Statewide Totals	2047	MH	Aggregate	Aggregate	Diesel	30011.05	278797.708	278797.7	0	3001.105	0	0.674237	0	0	0.674237	0.007179	0	0	0.007179	0.001229	0.004711	0.01312	0.007504	0	0	0.007504	0.004917	0.01346	0.025881	322.1066	0	0
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Gasoline	22599.92	1098904.175	1098904	0	452179.3	0	0.078953	0.001439	0.193046	0.273439	0.001425	0	0.00023	0.001655	0.003634	0.018638	0.023926	0.00155	0	0.00025	0.0018	0.014536	0.05325	0.069586	1774.664	11.60109	18.54128
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Diesel	232960.1	9950946.195	9950946	0	2831342	0	3.073994	1.684273	3.579153	8.33742	0.038902	0.000643	0	0.039545	0.032907	0.169315	0.241768	0.040661	0.000672	0	0.041333	0.131628	0.483758	0.65672	10776.18	481.8208	0
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Electricity	238404.2	10789888.2	0	10789888	3043445	11513336	0	0	0	0	0	0	0	0	0.035681	0.092014	0.127696	0	0	0	0	0.142726	0.262897	0.405623	0	0	0
Statewide Totals	2047	MHDT	Aggregate	Aggregate	Natural Ga:	3686.25	148552.1817	148552.2	0	34010.69	0	0.00966	0.025614	0	0.035274	0.000213	9.29E-05	0	0.000305	0.000491	0.002541	0.003338	0.000231	0.000101	0	0.000332	0.001965	0.007261	0.009558	140.8743	21.90771	0
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Gasoline	5443.249	175649.575	175649.6	0	108908.5	0	0.050793	0.000299	0.041926	0.093017	0.000208	0	3.06E-05	0.000238	0.000581	0.002998	0.003817	0.000226	0	3.33E-05	0.000259	0.002323	0.008566	0.011149	288.9614	2.079849	3.272323
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Diesel	12280.67	794343.3408	794343.3	0	144189.8	0	0.682188	0.069662	0.14926	0.901111	0.009736	5.77E-05	0	0.009794	0.002627	0.01908	0.0315	0.010176	6.03E-05	0	0.010236	0.010507	0.054514	0.075258	1054.571	28.47374	0
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Electricity	3363.166	210851.5097	0	210851.5	67290.23	228181.2	0	0	0	0	0	0	0	0	0.000697	0.001799	0.002496	0	0	0	0	0.002789	0.00514	0.007929	0	0	0
Statewide Totals	2047	OBUS	Aggregate	Aggregate	Natural Ga:	1071.199	54283.78084	54283.78	0	9533.675	0	0.005066	0.001767	0	0.006832	7.27E-05	5.77E-06	0	7.84E-05	0.00018	0.000932	0.00119	7.9E-05	6.27E-06	0	8.53E-05	0.000718	0.002663	0.003466	49.03309	1.366342	0
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Gasoline	3857.611	195023.8161	195023.8	0	15430.44	0	0.028984	0.002819	0.011891	0.043694	0.000282	0	1.32E-05	0.000295	0.00043	0.003446	0.004171	0.000307	0	1.44E-05	0.000321	0.00172	0.009846	0.011887	164.9865	10.03969	0.860338
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Diesel	9961.557	205141.4258	205141.4	0	144243.3	0	0.075865	0.067137	0.095785	0.238787	0.000696	2.53E-05	0	0.000721	0.000678	0.003586	0.004986	0.000728	2.65E-05	0	0.000754	0.002714	0.010246	0.013713	238.6343	20.29132	0
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Electricity	12386.3	358897.0495	0	358897	156764.3	392491	0	0	0	0	0	0	0	0	0.001069	0.003162	0.004231	0	0	0	0	0.004278	0.009034	0.013311	0	0	0
Statewide Totals	2047	SBUS	Aggregate	Aggregate	Natural Ga:	3795.506	77973.97895	77973.98	0	54958.93	0	0.021214	0.020958	0	0.042172	0.000338	7.36E-05	0	0.000412	0.000258	0.001395	0.002064	0.000368	8.01E-05	0	0.000448	0.001031	0.003985	0.005464	116.9669	17.95465	0
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Gasoline	1985.026	186139.0831	186139.1	0	7940.106	0	0.003675	0	0.002513	0.006188	0.000222	0	1.17E-06	0.000224	0.00041	0.006535	0.007169	0.000242	0	1.27E-06	0.000243	0.001641	0.018672	0.020556	140.5842	0	0.301716
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Diesel	67.57615	3676.672505	3676.673	0	270.3046	0	0.000808	0	0	0.000808	6.05E-05	0	0	6.05E-05	1.22E-05	0.000129	0.000202	6.32E-05	0	0	6.32E-05	4.86E-05	0.000369	0.000481	2.679978	0	0
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Electricity	17502.61	1927793.046	0	1927793	70010.46	3737329	0	0	0	0	0	0	0	0	0.016729	0.040907	0.057635	0	0	0	0	0.066914	0.116877	0.183791	0	0	0
Statewide Totals	2047	UBUS	Aggregate	Aggregate	Natural Ga:	264.188	19290.34694	19290.35	0	1056.752	0	0.003146	0	0	0.003146	0.000232	0	0	0.000232	6.38E-05	0.000677	0.000973	0.000242	0	0	0.000242	0.000255	0.001935	0.002432	12.96142	0	0
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Gasoline	30.79587	3706.58865	3706.589	0	616.1637	0	0.009235	0	0.000936	0.01017	4.77E-06	0	3.18E-07	5.09E-06	2.04E-05	0.000131	0.000157	5.19E-06	0	3.46E-07	5.53E-06	8.17E-05	0.000375	0.000462	6.938747	0	0.028941
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Diesel	439454	67407269.15	67407269	0	7753031	0	91.93376	34.56375	21.12935	147.6269	1.912115	0.01408	0	1.926196	0.664126	2.151195	4.741517	1.998573	0.014717	0	2.01329	2.656505	6.146271	10.81607	93792.47	6503.258	0
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Electricity	120457.3	11701637.38	0	11701637	1534956	21342331	0	0	0	0	0	0	0	0	0.111168	0.196975	0.308142	0	0	0	0	0.444671	0.562784	1.007456	0	0	0
Statewide Totals	2048	HHDT	Aggregate	Aggregate	Natural Ga:	19583.43	1227112.713	1227113	0	153933.5	0	0.272751	0.186027	0	0.458778	0.001962	0.000665	0	0.002627	0.012174	0.068159	0.082959	0.002134	0.000723	0	0.002857	0.048696	0.194739	0.246291	1490.946	196.1517	0
Statewide Totals	2048	LDA	Aggregate	Aggregate	Gasoline	12881527	499353512.8	4.99E+08	0	59931087	0	10.66294	0	10.41773	21.08067	0.261531	0	0.048291	0.309822	1.100887	1.474867	2.885576	0.284439	0	0.052521	0.33696	4.403547	4.213906	8.954413	125539.6	0	3524.253
Statewide Totals	2048	LDA	Aggregate	Aggregate	Diesel	8400.794	294377.6449	294377.6	0	37480.53	0	0.004532	0	0	0.004532	0.000328	0	0	0.000328	0.000649	0.000871	0.001849	0.000343	0	0	0.000343	0.002596	0.002489	0.005428	59.81339	0	0

Statewide Totals	2048	LDA	Aggregate	Aggregate	Electricity	1780564	70660763	0	70660763	8354001	27280886	0	0	0	0	0	0	0	0	0.15578	0.119754	0.275534	0	0	0	0	0.623121	0.342153	0.965274	0	0	0
Statewide Totals	2048	LDA	Aggregate	Aggregate	Plug-in Hyb	605881	23749606.07	9680758	14068848	2505318	4249211	0.070809	0	0.313568	0.384377	0.005089	0	0.002116	0.007205	0.052359	0.036997	0.096561	0.005534	0	0.002302	0.007836	0.209436	0.105706	0.322978	3062.182	0	152.9465
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Gasoline	974120.4	34748219.78	34748220	0	4395774	0	0.800481	0	0.838348	1.638829	0.019912	0	0.003891	0.023803	0.076607	0.124542	0.224952	0.021656	0	0.004232	0.025888	0.306427	0.355834	0.688149	10121.47	0	301.528
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Diesel	11.04964	410.5561809	410.5562	0	51.00364	0	1.33E-05	0	0	1.33E-05	1.87E-06	0	0	1.87E-06	9.05E-07	1.46E-06	4.24E-06	1.96E-06	0	0	1.96E-06	3.62E-06	4.18E-06	9.75E-06	0.155705	0	0
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Electricity	29301.57	1135565.697	0	1135566	136895.7	438422.1	0	0	0	0	0	0	0	0	0.002503	0.001926	0.00443	0	0	0	0	0.010014	0.005504	0.015518	0	0	0
Statewide Totals	2048	LDT1	Aggregate	Aggregate	Plug-in Hyb	22339.19	850771.9426	346237.1	504534.9	92372.55	152384.6	0.002538	0	0.011547	0.014084	0.000181	0	7.52E-05	0.000256	0.001876	0.00133	0.003461	0.000197	0	8.17E-05	0.000278	0.007503	0.003799	0.01158	109.8587	0	6.465815
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Gasoline	7739565	288226617.4	2.88E+08	0	35675837	0	6.984213	0	7.819159	14.80337	0.156002	0	0.02957	0.185573	0.635431	1.017398	1.838402	0.169667	0	0.03216	0.201827	2.541725	2.906853	5.650405	86992.57	0	2573.58
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Diesel	29613.26	1104818.263	1104818	0	136718	0	0.036209	0	0	0.036209	0.004985	0	0	0.004985	0.002436	0.003898	0.011319	0.00521	0	0	0.00521	0.009743	0.011137	0.02609	310.1568	0	0
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Electricity	309658.3	8401845.399	0	8401845	1452708	3243806	0	0	0	0	0	0	0	0	0.018523	0.014249	0.032772	0	0	0	0	0.074092	0.040712	0.114804	0	0	0
Statewide Totals	2048	LDT2	Aggregate	Aggregate	Plug-in Hyb	211210.7	7976384.329	3250195	4726189	873356.4	1427450	0.023805	0	0.109285	0.13309	0.001707	0	0.000722	0.00243	0.017585	0.012454	0.032468	0.001857	0	0.000785	0.002642	0.07034	0.035583	0.108565	1029.835	0	64.23132
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Gasoline	314412	11049043.7	11049044	0	4684271	0	0.207761	0.008394	2.062981	2.279136	0.013076	0	0.000452	0.013528	0.024359	0.3325	0.370387	0.014221	0	0.000492	0.014713	0.097436	0.95	1.062149	7616.127	37.08971	121.3532
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Diesel	226894.2	7696445.814	7696446	0	2854044	0	1.810357	0.237606	0	2.047963	0.123518	0.006596	0	0.130114	0.025452	0.23161	0.387175	0.129103	0.006894	0	0.135997	0.101807	0.661743	0.899546	4499.892	28.83832	0
Statewide Totals	2048	LHDT1	Aggregate	Aggregate	Electricity	401792.2	16933675.5	0	16933675	5615569	10284695	0	0	0	0	0	0	0	0	0.037332	0.254793	0.292126	0	0	0	0	0.149329	0.727981	0.877311	0	0	0
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Gasoline	40213.85	1361921.595	1361922	0	599126.4	0	0.031208	0.000924	0.220597	0.252729	0.001608	0	5.84E-05	0.001666	0.003003	0.047815	0.052484	0.001749	0	6.35E-05	0.001812	0.01201	0.136615	0.150437	1041.823	5.460929	15.25948
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Diesel	113892.3	3661126.795	3661127	0	1432622	0	1.302154	0.133035	0	1.435189	0.077802	0.0033	0	0.081103	0.012107	0.128537	0.221747	0.08132	0.00345	0	0.08477	0.048428	0.367249	0.500447	2509.966	23.72798	0
Statewide Totals	2048	LHDT2	Aggregate	Aggregate	Electricity	104076.1	4233241.266	0	4233241	1377068	2542879	0	0	0	0	0	0	0	0	0.009333	0.074312	0.083644	0	0	0	0	0.037331	0.212319	0.24965	0	0	0
Statewide Totals	2048	MCY	Aggregate	Aggregate	Gasoline	755953.1	4109030.098	4109030	0	1511906	0	2.109167	0	0.104612	2.213779	0.009726	0	0.005398	0.015125	0.004529	0.019024	0.038678	0.010434	0	0.005791	0.016225	0.018118	0.054353	0.088696	854.0605	0	59.71912
Statewide Totals	2048	MDV	Aggregate	Aggregate	Gasoline	4513466	162338649.6	1.62E+08	0	20630334	0	4.10182	0	4.750538	8.852358	0.088437	0	0.017272	0.105709	0.357896	0.581115	1.044721	0.096183	0	0.018785	0.114969	1.431583	1.66033	3.206881	59380.41	0	1813.759
Statewide Totals	2048	MDV	Aggregate	Aggregate	Diesel	50618.39	1775554.101	1775554	0	228830.7	0	0.026351	0	0	0.026351	0.002002	0	0	0.002002	0.003914	0.006371	0.012287	0.002092	0	0	0.002092	0.015658	0.018203	0.035953	650.2453	0	0
Statewide Totals	2048	MDV	Aggregate	Aggregate	Electricity	284699.5	7623808.246	0	7623808	1329325	2943419	0	0	0	0	0	0	0	0	0.016808	0.012945	0.029753	0	0	0	0	0.06723	0.036987	0.104217	0	0	0
Statewide Totals	2048	MDV	Aggregate	Aggregate	Plug-in Hyb	134430.3	4920890.898	2005856	2915035	555869.1	880427.5	0.01468	0	0.069544	0.084225	0.001064	0	0.000467	0.001532	0.010849	0.007687	0.020068	0.001158	0	0.000508	0.001666	0.043395	0.021964	0.067025	635.2085	0	49.76143
Statewide Totals	2048	MH	Aggregate	Aggregate	Gasoline	45493.79	484925.6756	484925.7	0	4551.199	0	0.116416	0	0.001843	0.118259	0.000626	0	1.72E-06	0.000627	0.001604	0.008229	0.01046	0.000681	0	1.87E-06	0.000682	0.006414	0.023512	0.030608	990.0136	0	0.149255
Statewide Totals	2048	MH	Aggregate	Aggregate	Diesel	29812.73	277456.7194	277456.7	0	2981.273	0	0.663457	0	0	0.663457	0.006453	0	0	0.006453	0.001223	0.004688	0.012365	0.006745	0	0	0.006745	0.004893	0.013395	0.025033	320.5971	0	0
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Gasoline	22010.42	1076293.374	1076293	0	440384.5	0	0.076066	0.001386	0.201544	0.278996	0.001398	0	0.000225	0.001624	0.003559	0.018255	0.023438	0.001521	0	0.000245	0.001766	0.014237	0.052157	0.06816	1734.308	11.25154	17.92229
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Diesel	232860.4	10014245.37	10014245	0	2834055	0	3.018786	1.665649	3.54702	8.231455	0.038829	0.000637	0	0.039466	0.033116	0.170366	0.242949	0.040585	0.000666	0	0.04125	0.132466	0.486761	0.660478	10811.64	478.9942	0
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Electricity	249502.5	11199773.41	0	11199773	3183757	11949006	0	0	0	0	0	0	0	0	0.037037	0.095511	0.132548	0	0	0	0	0.148148	0.272888	0.421035	0	0	0
Statewide Totals	2048	MHDT	Aggregate	Aggregate	Natural Ga:	3655.215	147997.8199	147997.8	0	33868.34	0	0.009473	0.025328	0	0.034802	0.000212	9.23E-05	0	0.000305	0.000489	0.002532	0.003326	0.000231	0.0001	0	0.000331	0.001958	0.007234	0.009523	140.1545	21.67597	0
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Gasoline	5195.634	171078.9621	171079	0	103954.2	0	0.046442	0.000281	0.041131	0.087854	0.000202	0	2.86E-05	0.00023	0.000566	0.00292	0.003716	0.000219	0	3.11E-05	0.00025	0.002263	0.008343	0.010857	280.2509	1.972193	3.048605
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Diesel	12329.56	796676.2907	796676.3	0	144886.3	0	0.666819	0.068589	0.147444	0.882852	0.009321	5.62E-05	0	0.009378	0.002635	0.019158	0.03117	0.009743	5.88E-05	0	0.009802	0.010538	0.054736	0.075076	1056.694	28.59441	0
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Electricity	3460.713	214064.6725	0	214064.7	69241.95	231668.5	0	0	0	0	0	0	0	0	0.000708	0.001826	0.002534	0	0	0	0	0.002832	0.005218	0.00805	0	0	0
Statewide Totals	2048	OBUS	Aggregate	Aggregate	Natural Ga:	1078.765	54549.44001	54549.44	0	9601.01	0	0.005029	0.001778	0	0.006807	7.34E-05	5.83E-06	0	7.92E-05	0.00018	0.000937	0.001196	7.98E-05	6.35E-06	0	8.61E-05	0.000722	0.002676	0.003484	49.20358	1.374853	0
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Gasoline	3410.114	171037.0724	171037.1	0	13640.46	0	0.022486	0.002329	0.009235	0.03405	0.000252	0	1.19E-05	0.000264	0.000377	0.003024	0.003665	0.000274	0	1.29E-05	0.000287	0.001508	0.00864	0.010435	142.7831	8.760324	0.746034
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Diesel	9478.429	196050.689	196050.7	0	137247.7	0	0.06848	0.060742	0.087562	0.216784	0.00065	2.41E-05	0	0.000674	0.000648	0.003427	0.00475	0.00068	2.52E-05	0	0.000705	0.002593	0.009792	0.01309	226.8553	19.15818	0
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Electricity	13115.12	377615.5164	0	377615.5	166046.7	412964.3	0	0	0	0	0	0	0	0	0.001125	0.003327	0.004452	0	0	0	0	0.0045	0.009505	0.014005	0	0	0
Statewide Totals	2048	SBUS	Aggregate	Aggregate	Natural Ga:	3587.622	74150.59014	74150.59	0	51948.77	0	0.018052	0.019749	0	0.037801	0.000322	7.1E-05	0	0.000393	0.000245	0.001326	0.001964	0.00035	7.73E-05	0	0.000427	0.000981	0.00379	0.005197	110.3089	17.00523	0
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Gasoline	2015.849	189585.2891	189585.3	0	8063.397	0	0.003769	0	0.002576	0.006344	0.000226	0	1.19E-06	0.000227	0.000418	0.006656	0.007301	0.000246	0	1.29E-06	0.000247	0.001672	0.019017	0.020937	142.8629	0	0.306983
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Diesel	67.61099	3678.838356	3678.838	0	270.444	0	0.000841	0	0	0.000841	6.58E-05	0	0	6.58E-05	1.22E-05	0.000129	0.000207	6.88E-05	0	0	6.88E-05	4.87E-05	0.000369	0.000486	2.681559	0	0
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Electricity	17815.63	1964591.604	0	1964592	71262.52	3812127	0	0	0	0	0	0	0	0	0.017057	0.041688	0.058745	0	0	0	0	0.06823	0.119108	0.187337	0	0	0
Statewide Totals	2048	UBUS	Aggregate	Aggregate	Natural Ga:	269.6232	19712.98499	19712.98	0	1078.493	0	0.003199	0	0	0.003199	0.000235	0	0	0.000235	6.52E-05	0.000692	0.000992	0.000246	0	0	0.000246	0.000261	0.001977	0.002484	13.22121	0	0
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Gasoline	30.09666	3653.204687	3653.205	0	602.174	0	0.009378	0	0.001096	0.010475	4.71E-06	0	3.12E-07	5.02E-06	2.01E-05	0.000129	0.000155	5.12E-06	0	3.4E-07	5.46E-06	8.05E-05	0.00037	0.000456	6.827646	0	0.0282
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Diesel	449284.9	69230432.59	69230433	0	7953883	0	94.27581	35.5318	21.62405	151.4317	1.965441	0.014466	0	1.979907	0.682186	2.209457	4.871549	2.054309	0.01512	0	2.06943	2.728742	6.312734	11.11091	96207.29	6681.832	0
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Electricity	125446.5	12090648.14	0	12090648	1596042	22052136	0	0	0	0	0	0	0	0	0.11484	0.203431	0.318271	0	0	0	0	0.459358	0.581232	1.04059	0	0	0
Statewide Totals	2049	HHDT	Aggregate	Aggregate	Natural Ga:	19539.18	1227039.601	1227040	0	154721	0	0.252785	0.187506	0	0.440292	0.001925	0.000675	0	0.0026	0.012173	0.067793	0.082566	0.002093	0.000734	0	0.002827	0.048693	0.193694	0.245214	1487.324	196.864	0
Statewide Totals	2049	LDA	Aggregate	Aggregate	Gasoline	12919645	499985494.8	5E+08	0	60110740	0	10.67043	0	10.43808	21.10851	0.260303	0	0.048047	0.30835	1.10228	1.476515	2.887145	0.283103	0	0.052256	0.335359	4.40912	4.218615	8.963094	125619.5	0	3530.049
Statewide Totals	2049	LDA	Aggregate	Aggregate	Diesel	8340.151	293325.8852	293325.9	0	37269.89	0	0.004048	0	0	0.004048	0.000306	0	0	0.000306	0.000647	0.000868	0.001821	0.00032	0	0	0.00032	0.002587	0.002479	0.005386	59.4737	0	0
Statewide Totals	2049	LDA	Aggregate	Aggregate	Electricity	1791984	70851899.91	0	70851900	8401165	27354681	0	0	0	0	0	0	0	0	0.156202	0.120081	0.276283	0	0	0	0	0.624807	0.343088	0.967895	0	0	0
Statewide Totals	2049	LDA	Aggregate	Aggregate	Plug-in Hyb	608402	23780699.99	9689184	14091516	2515742	4256058	0.070865	0	0.314877	0.385742	0.005059	0	0.002104	0.007163	0.052427	0.037046	0.096636	0.005502	0	0.002289	0.007791	0.20971	0.105845	0.323346	3064.637	0	153.4786
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Gasoline	975176.5	34745438.16	34745438	0	4401691	0	0.798442	0	0.837	1.635442	0.019637	0	0.003833	0.02347	0.076601	0.124495	0.224566	0.021357	0	0.004169	0.025526	0.306403	0.355701	0.687629	10099.44	0	301.0047
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Diesel	11.16894	412.7579485	412.7579	0	51.46077	0	1.34E-05	0	0	1.34E-05	1.89E-06	0	0	1.89E-06	9.1E-07	1.47E-06	4.27E-06	1.97E-06	0	0	1.97E-06	3.64E-06	4.2E-06	9.81E-06	0.156454	0	0
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Electricity	29884.15	1147405.803	0	1147406	139239.7	442993.3	0	0	0	0	0	0	0	0	0.00253	0.001947	0.004476	0	0	0	0	0.010118	0.005562	0.01568	0	0	0
Statewide Totals	2049	LDT1	Aggregate	Aggregate	Plug-in Hyb	22758.48	860019.0593	349955.4	510063.6	94106.31	154054.4	0.002565	0	0.011763	0.014328	0.000182	0	7.62E-05	0.000258	0.001896	0.001344	0.003499	0.000198	0	8.29E-05	0.000281	0.007584	0.003841	0.011706	111.0293	0	6.585903
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Gasoline	7763910	288577623	2.89E+08	0	35788038	0	6.986967	0	7.849642	14.83661	0.154967	0	0.029383	0.18435	0.636205	1.018523	1.839079	0.168541	0	0.031957	0.200498	2.544821	2.910066	5.655384	86982.02	0	2576.537
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Diesel	29766	1107047.082	1107047	0	137318	0	0.036224	0	0	0.036224	0.004996	0	0	0.004996	0.002441	0.003906	0.011342	0.005222	0	0	0.005222	0.009762	0.01116	0.026144	310.485	0	0
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Electricity	313518.3	8451951.606	0	8451952	1468283	3263151	0	0	0	0	0	0	0	0	0.018633	0.014335	0.032969	0	0	0	0	0.074533	0.040958	0.115491	0	0	0
Statewide Totals	2049	LDT2	Aggregate	Aggregate	Plug-in Hyb	213316.4	8016358.282	3265526	4750833	882063.4	1434893	0.023915	0	0.110378	0.134293	0.001707	0	0.000725	0.002432	0.017673	0.012517	0.032622	0.001857	0	0.000788	0.002645	0.070692	0.035762	0.1091	1034.602	0	64.84508
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Gasoline	307225.6	10853676.69	10853677	0	4577203	0	0.190703	0.008113	1.965786	2.164602	0.012898	0	0.000445	0.013343	0.023928	0.326621	0.363892	0.014028	0	0.000484	0.014512	0.095713	0.933202	1.043427	7459.654	36.153	118.3172
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Diesel	221609.6	7546252.94	7546253	0	2787570	0	1.655677	0.225655	0	1.881331	0.117219	0.006446	0	0.123665	0.024955	0.22709	0.37571	0.122519	0.006738	0	0.129256	0.09982	0.648829	0.877905	4405.252	28.06698	0
Statewide Totals	2049	LHDT1	Aggregate	Aggregate	Electricity	415463.2	17288143.67	0	17288144	5805702	10501519	0	0	0	0	0	0	0	0	0.038114	0.260127	0.298241	0	0	0	0	0.152455	0.74322	0.895675	0	0	0
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Gasoline	39291.48	1335718.941	1335719	0	585384.5	0	0.029677	0.000887	0.210203	0.240768	0.001583	0	5.74E-05	0.00164	0.002945	0.046895	0.05148	0.001721	0	6.24E-05	0.001784	0.011779	0.133986	0.147549	1019.295	5.321081	14.87763
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Diesel	111767	3595642.736	3595643	0	1405888	0	1.20694	0.127999	0	1.334938	0.07406	0.003241	0	0.077301	0.011891	0.126238	0.21543	0.077409	0.003388	0	0.080796	0.047562	0.36068	0.489039	2461.017	23.22131	0
Statewide Totals	2049	LHDT2	Aggregate	Aggregate	Electricity	107800.5	4329129.169	0	4329129	1426267	2600730	0	0	0	0	0	0	0	0	0.009544	0.075995	0.085539	0	0	0	0	0.038176	0.217128	0.255305	0	0	0
Statewide Totals	2049	MCY	Aggregate	Aggregate	Gasoline	755062.1	4107074.073	4107074	0	1510124	0	2.098807	0	0.098792	2.197599	0.009755	0	0.005465	0.015221	0.004527	0.019015	0.038763	0.010465	0	0.005863	0.016328	0.018109	0.054327	0.088764	853.2644	0	58.65734
Statewide Totals	2049	MDV	Aggregate	Aggregate	Gasoline	4518185	162415732.7	1.62E+08	0	20667526	0	4.084073	0	4.760879	8.844952	0.087639	0	0.01711	0.104749	0.358066	0.581279	1.044093	0.095315	0	0.018609	0.113924	1.432262	1.660796	3.206983	59291.87	0	1811.495
Statewide Totals	2049	MDV	Aggregate	Aggregate	Diesel	50688.77	1774820.773	1774821	0	229047.3	0	0.025854	0	0	0.025854	0.001947	0	0	0.001947	0.003913	0.006367	0.012227	0.002035	0	0	0.002035	0.015651	0.018191	0.035877	648.816	0	0
Statewide Totals	2049	MDV	Aggregate	Aggregate	Electricity	288256.1	7668056.314	0	7668056	1343503	2960503	0	0	0	0	0	0	0	0	0.016905	0.013021	0.029927	0	0	0	0	0.067621	0.037204	0.104825	0	0	0
Statewide Totals	2049	MDV	Aggregate	Aggregate	Plug-in Hyb	135907.4	4948491.739	2016341	2932150	561977.1	885596.8	0.014756	0	0.07031	0.085066	0.001063	0	0.000468	0.001531	0.01091	0.007731	0.020172	0.001156	0	0.000509	0.001665	0.043638	0.022089	0.067392	638.4826	0	50.27977
Statewide Totals	2049	MH	Aggregate	Aggregate	Gasoline	45337.66	483702.7493	483702.7	0	4535.579	0	0.116195	0	0.001806	0.118001	0.000626	0	1.72E-06	0.000628	0.0016	0.008208	0.010436	0.000681	0	1.87E-06	0.000683	0.006398	0.023453	0.030534	987.5511	0	0.147372
Statewide Totals	2049	MH	Aggregate	Aggregate	Diesel	29613.08	276143.8267	276143.8	0	2961.308	0	0.653414	0	0	0.653414	0.005752	0	0	0.005752	0.001218	0.004666	0.011636	0.006012	0	0	0.006012	0.00487	0.013331	0.024214	319.1203	0	0
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Gasoline	21473.13	1057013.277	1057013	0	429634.4	0	0.073723	0.001338	0.212808	0.287869	0.001375	0	0.000221	0.001596	0.003495	0.017929	0.023021	0.001496	0	0.000241	0.001736	0.013982	0.051225	0.066943	1699.992	10.93395	17.31443
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Diesel	233352.1	10100592.17	10100592	0	2843959	0	2.980327	1.654743	3.529133	8.164202	0.038901	0.000634	0	0.039535	0.033402	0.171811	0.244748	0.04066	0.000663	0	0.041323	0.133608	0.490888	0.665818	10875.33	477.6185	0
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Electricity	260254.2	11594574.05	0	11594574	3319565	12368463	0	0	0	0	0	0	0	0	0.038342	0.098879	0.137221	0	0	0	0	0.15337	0.28251	0.43588	0	0	0
Statewide Totals	2049	MHDT	Aggregate	Aggregate	Natural Ga:	3629.907	147672.1337	147672.1	0	33781.39	0	0.00932	0.025083	0	0.034404	0.000213	9.17E-05	0	0.000304	0.000488	0.002526	0.003319	0.000231	9.98E-05	0	0.000331	0.001953	0.007217	0.009502	139.6633	21.47601	0
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Gasoline	4949.542	166921.4158	166921.4	0	99030.44	0	0.045827	0.000263	0.037506	0.083596	0.000199	0	2.84E-05	0.000227	0.000552	0.002849	0.003628	0.000216	0	3.08E-05	0.000247	0.002208	0.00814	0.010595	272.3504	1.865163	2.866389
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Diesel	12365.33	798909.3451	798909.3	0	145465.4	0	0.651057	0.067754	0.145527	0.864338	0.009071	5.55E-05	0	0.009126	0.002642	0.019233	0.031001	0.009481	5.8E-05	0	0.009539	0.010568	0.05495	0.075057	1058.918	28.71379	0
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Electricity	3551.377	216830.7855	0	216830.8	71055.96	234672.4	0	0	0	0	0	0	0	0	0.000717	0.00185	0.002567	0	0	0	0	0.002868	0.005286	0.008154	0	0	0
Statewide Totals	2049	OBUS	Aggregate	Aggregate	Natural Ga:	1085.322	54838.75403	54838.75	0	9659.364	0	0.004975	0.001787	0	0.006763	7.42E-05	5.9E-06	0	8.01E-05	0.000181	0.000942	0.001203	8.07E-05	6.42E-06	0	8.71E-05	0.000725	0.00269	0.003503	49.3787	1.382029	0
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Gasoline	2971.285	147360.949	147360.9	0	11885.14	0	0.016921	0.001849	0.006747	0.025518	0.00022	0	1.05E-05	0.000231	0.000325	0.002606	0.003162	0.00024	0	1.14E-05	0.000251	0.0013	0.007447	0.008997	121.1036	7.522132	0.636456

Statewide Totals	2049	SBUS	Aggregate	Aggregate	Diesel	9022.82	187496.7376	187496.7	0	130650.4	0	0.062825	0.054817	0.079834	0.197477	0.000612	2.29E-05	0	0.000635	0.00062	0.003278	0.004532	0.000639	2.4E-05	0	0.000663	0.00248	0.009364	0.012508	215.7821	18.10693	0
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Electricity	13823.64	395500.8002	0	395500.8	175039.1	432527	0	0	0	0	0	0	0	0	0.001178	0.003484	0.004662	0	0	0	0	0.004711	0.009955	0.014666	0	0	0
Statewide Totals	2049	SBUS	Aggregate	Aggregate	Natural Ga:	3394.381	70589.20099	70589.2	0	49150.64	0	0.015625	0.018639	0	0.034263	0.000306	6.83E-05	0	0.000375	0.000233	0.001263	0.001871	0.000333	7.43E-05	0	0.000408	0.000934	0.003608	0.004949	104.2979	16.10356	0
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Gasoline	2046.671	193031.8001	193031.8	0	8186.683	0	0.003892	0	0.002616	0.006508	0.00023	0	1.21E-06	0.000231	0.000426	0.006777	0.007434	0.00025	0	1.31E-06	0.000252	0.001702	0.019363	0.021317	145.1405	0	0.311995
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Diesel	67.64571	3681.023995	3681.024	0	270.5829	0	0.000853	0	0	0.000853	6.76E-05	0	0	6.76E-05	1.22E-05	0.000129	0.000209	7.06E-05	0	0	7.06E-05	4.87E-05	0.000369	0.000489	2.683154	0	0
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Electricity	18128.57	2001384.278	0	2001384	72514.27	3886915	0	0	0	0	0	0	0	0	0.017386	0.042468	0.059855	0	0	0	0	0.069545	0.121338	0.190883	0	0	0
Statewide Totals	2049	UBUS	Aggregate	Aggregate	Natural Ga:	275.0556	20135.50384	20135.5	0	1100.222	0	0.003271	0	0	0.003271	0.00024	0	0	0.00024	6.66E-05	0.000707	0.001014	0.000251	0	0	0.000251	0.000266	0.00202	0.002537	13.48089	0	0
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Gasoline	29.48128	3609.663539	3609.664	0	589.8614	0	0.009421	0	0.001273	0.010694	4.65E-06	0	3.07E-07	4.96E-06	1.99E-05	0.000128	0.000153	5.06E-06	0	3.34E-07	5.39E-06	7.96E-05	0.000366	0.00045	6.731993	0	0.027575
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Diesel	459625.8	71123345.85	71123346	0	8162888	0	96.71974	36.53532	22.14894	155.404	2.020825	0.014865	0	2.03569	0.700928	2.26986	5.006478	2.112197	0.015537	0	2.127735	2.803711	6.485314	11.41676	98727.43	6867.39	0
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Electricity	130350.5	12478650.06	0	12478650	1656528	22759984	0	0	0	0	0	0	0	0	0.118504	0.209841	0.328345	0	0	0	0	0.474016	0.599547	1.073563	0	0	0
Statewide Totals	2050	HHDT	Aggregate	Aggregate	Natural Ga:	19502.11	1228095.025	1228095	0	155633.1	0	0.238622	0.189281	0	0.427902	0.001911	0.000685	0	0.002596	0.012184	0.067476	0.082256	0.002078	0.000745	0	0.002824	0.048735	0.192788	0.244347	1485.68	197.7288	0
Statewide Totals	2050	LDA	Aggregate	Aggregate	Gasoline	12955079	500531731.4	5.01E+08	0	60280110	0	10.67771	0	10.45926	21.13696	0.259381	0	0.047883	0.307264	1.103484	1.477908	2.888657	0.2821	0	0.052077	0.334178	4.413937	4.222595	8.97071	125691.6	0	3535.855
Statewide Totals	2050	LDA	Aggregate	Aggregate	Diesel	8270.795	292362.5082	292362.5	0	37049.55	0	0.003408	0	0	0.003408	0.000281	0	0	0.000281	0.000645	0.000865	0.00179	0.000294	0	0	0.000294	0.002578	0.00247	0.005342	59.16117	0	0
Statewide Totals	2050	LDA	Aggregate	Aggregate	Electricity	1802523	71014337.9	0	71014338	8444493	27417396	0	0	0	0	0	0	0	0	0.15656	0.120359	0.276919	0	0	0	0	0.626239	0.343883	0.970122	0	0	0
Statewide Totals	2050	LDA	Aggregate	Aggregate	Plug-in Hyb	610876.9	23809130.04	9697502	14111628	2525976	4262132	0.07092	0	0.316162	0.387082	0.005037	0	0.002096	0.007133	0.05249	0.03709	0.096713	0.005478	0	0.00228	0.007758	0.209961	0.105971	0.32369	3067.059	0	154.0211
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Gasoline	976830.1	34749369.35	34749369	0	4409241	0	0.797019	0	0.836415	1.633435	0.019402	0	0.003785	0.023186	0.076609	0.12448	0.224275	0.021101	0	0.004116	0.025217	0.306437	0.355656	0.687311	10083.36	0	300.7683
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Diesel	11.27726	414.6495567	414.6496	0	51.87281	0	1.34E-05	0	0	1.34E-05	1.9E-06	0	0	1.9E-06	9.14E-07	1.48E-06	4.29E-06	1.98E-06	0	0	1.98E-06	3.66E-06	4.22E-06	9.86E-06	0.157095	0	0
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Electricity	30411.55	1157486.365	0	1157486	141339.9	446885.3	0	0	0	0	0	0	0	0	0.002552	0.001964	0.004516	0	0	0	0	0.010207	0.005612	0.015819	0	0	0
Statewide Totals	2050	LDT1	Aggregate	Aggregate	Plug-in Hyb	23138.67	868038.1304	353180.2	514858	95678.38	155502.5	0.002588	0	0.01196	0.014548	0.000183	0	7.72E-05	0.00026	0.001914	0.001357	0.003531	0.000199	0	8.4E-05	0.000283	0.007655	0.003877	0.011815	112.0435	0	6.694804
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Gasoline	7787616	288887957.9	2.89E+08	0	35896549	0	6.990119	0	7.878714	14.86883	0.154117	0	0.029239	0.183356	0.636889	1.01951	1.839756	0.167617	0	0.0318	0.199416	2.547557	2.912887	5.65986	86975.28	0	2579.893
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Diesel	29899.7	1108867.522	1108868	0	137853.6	0	0.036031	0	0	0.036031	0.004999	0	0	0.004999	0.002445	0.003913	0.011356	0.005225	0	0	0.005225	0.009779	0.011179	0.026183	310.7175	0	0
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Electricity	316975.9	8493583.383	0	8493583	1482110	3279224	0	0	0	0	0	0	0	0	0.018725	0.014407	0.033132	0	0	0	0	0.074901	0.041162	0.116063	0	0	0
Statewide Totals	2050	LDT2	Aggregate	Aggregate	Plug-in Hyb	215228.8	8050473.278	3278620	4771853	889971.1	1441242	0.024009	0	0.11137	0.13538	0.001708	0	0.000728	0.002435	0.017748	0.01257	0.032754	0.001857	0	0.000791	0.002649	0.070993	0.035915	0.109557	1038.663	0	65.40373
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Gasoline	301498.7	10691036.99	10691037	0	4491882	0	0.178571	0.007897	1.893425	2.079892	0.012742	0	0.00044	0.013182	0.02357	0.321726	0.358478	0.013858	0	0.000478	0.014336	0.094279	0.919218	1.027833	7332.783	35.41433	115.8835
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Diesel	216951.8	7413722.086	7413722	0	2728981	0	1.532698	0.215433	0	1.748131	0.112082	0.006314	0	0.118396	0.024517	0.223102	0.366014	0.11715	0.006599	0	0.123749	0.098067	0.637434	0.85925	4321.921	27.39292	0
Statewide Totals	2050	LHDT1	Aggregate	Aggregate	Electricity	428139.8	17604208.39	0	17604208	5981876	10695066	0	0	0	0	0	0	0	0	0.038811	0.264883	0.303693	0	0	0	0	0.155243	0.756807	0.91205	0	0	0
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Gasoline	38433.52	1311919.259	1311919	0	572602.2	0	0.028316	0.000854	0.200724	0.229893	0.00156	0	5.64E-05	0.001616	0.002892	0.04606	0.050568	0.001696	0	6.14E-05	0.001758	0.011569	0.131599	0.144926	998.996	5.191734	14.52398
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Diesel	109198.4	3527295.355	3527295	0	1373579	0	1.072576	0.121622	0	1.194199	0.068903	0.003171	0	0.072074	0.011665	0.123838	0.207577	0.072019	0.003314	0	0.075333	0.046658	0.353824	0.475815	2410.116	22.5991	0
Statewide Totals	2050	LHDT2	Aggregate	Aggregate	Electricity	111287.8	4415718.651	0	4415719	1472330	2653015	0	0	0	0	0	0	0	0	0.009735	0.077515	0.08725	0	0	0	0	0.03894	0.221471	0.260411	0	0	0
Statewide Totals	2050	MCY	Aggregate	Aggregate	Gasoline	751899	4102973.011	4102973	0	1503798	0	2.086306	0	0.091344	2.17765	0.009781	0	0.005531	0.015312	0.004523	0.018996	0.03883	0.010492	0	0.005933	0.016425	0.018091	0.054273	0.08879	851.978	0	57.18049
Statewide Totals	2050	MDV	Aggregate	Aggregate	Gasoline	4525945	162516082.6	1.63E+08	0	20712181	0	4.074203	0	4.774055	8.848258	0.086995	0	0.016984	0.103979	0.358287	0.581555	1.043822	0.094615	0	0.018472	0.113087	1.433147	1.661587	3.207821	59236.34	0	1810.972
Statewide Totals	2050	MDV	Aggregate	Aggregate	Diesel	50618.16	1772512.003	1772512	0	228926.1	0	0.021176	0	0	0.021176	0.001779	0	0	0.001779	0.003908	0.006356	0.012043	0.001859	0	0	0.001859	0.015631	0.01816	0.03565	646.54	0	0
Statewide Totals	2050	MDV	Aggregate	Aggregate	Electricity	291460.9	7705208.465	0	7705208	1356175	2974846	0	0	0	0	0	0	0	0	0.016987	0.013085	0.030072	0	0	0	0	0.067948	0.037387	0.105335	0	0	0
Statewide Totals	2050	MDV	Aggregate	Aggregate	Plug-in Hyb	137244.3	4972064.436	2025329	2946735	567505.3	890001.9	0.014821	0	0.071004	0.085824	0.001062	0	0.00047	0.001531	0.010962	0.007768	0.020261	0.001155	0	0.000511	0.001665	0.043846	0.022195	0.067706	641.2821	0	50.75101
Statewide Totals	2050	MH	Aggregate	Aggregate	Gasoline	45271.34	482893.1737	482893.2	0	4528.945	0	0.111257	0	0.001672	0.112929	0.000627	0	1.73E-06	0.000629	0.001597	0.008195	0.010421	0.000682	0	1.88E-06	0.000684	0.006388	0.023414	0.030485	985.9321	0	0.145667
Statewide Totals	2050	MH	Aggregate	Aggregate	Diesel	29447.47	275006.9349	275006.9	0	2944.747	0	0.644717	0	0	0.644717	0.005139	0	0	0.005139	0.001213	0.004647	0.010998	0.005371	0	0	0.005371	0.00485	0.013276	0.023498	317.8446	0	0
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Gasoline	20973.6	1040535.219	1040535	0	419639.7	0	0.071766	0.001294	0.224099	0.297159	0.001356	0	0.000217	0.001573	0.003441	0.01765	0.022664	0.001475	0	0.000236	0.001711	0.013764	0.050428	0.065903	1670.705	10.63879	16.76053
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Diesel	234387.9	10207488.26	10207488	0	2860504	0	2.952692	1.649791	3.523677	8.12616	0.039071	0.000634	0	0.039705	0.033755	0.173605	0.247066	0.040838	0.000662	0	0.0415	0.135022	0.496015	0.672537	10963.93	477.5331	0
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Electricity	270697.6	11977372.61	0	11977373	3451350	12774993	0	0	0	0	0	0	0	0	0.039608	0.102144	0.141752	0	0	0	0	0.158434	0.29184	0.450273	0	0	0
Statewide Totals	2050	MHDT	Aggregate	Aggregate	Natural Ga:	3612.452	147639.6676	147639.7	0	33773.53	0	0.009197	0.024892	0	0.034089	0.000213	9.14E-05	0	0.000305	0.000488	0.002525	0.003318	0.000232	9.94E-05	0	0.000331	0.001953	0.007215	0.009499	139.4637	21.32034	0
Statewide Totals	2050	OBUS	Aggregate	Aggregate	Gasoline	4753.667	163536.8819	163536.9	0	95111.37	0	0.045081	0.000249	0.034059	0.079389	0.000197	0	2.82E-05	0.000225	0.000541	0.002791	0.003557	0.000214	0	3.06E-05	0.000244	0.002163	0.007975	0.010383	265.9194	1.779729	2.720527
Statewide Totals	2050	OBUS	Aggregate	Aggregate	Diesel	12384.87	801044.387	801044.4	0	145898.6	0	0.635318	0.067034	0.143437	0.84579	0.008861	5.5E-05	0	0.008916	0.002649	0.019304	0.030869	0.009262	5.75E-05	0	0.009319	0.010596	0.055155	0.07507	1060.844	28.82814	0
Statewide Totals	2050	OBUS	Aggregate	Aggregate	Electricity	3635.95	219208.1747	0	219208.2	72748.08	237256	0	0	0	0	0	0	0	0	0.000725	0.00187	0.002595	0	0	0	0	0.0029	0.005344	0.008243	0	0	0
Statewide Totals	2050	OBUS	Aggregate	Aggregate	Natural Ga:	1090.032	55137.86131	55137.86	0	9701.283	0	0.004891	0.001793	0	0.006685	7.52E-05	5.97E-06	0	8.12E-05	0.000182	0.000947	0.00121	8.18E-05	6.49E-06	0	8.83E-05	0.000729	0.002705	0.003523	49.54079	1.386918	0
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Gasoline	2664.229	131130.3833	131130.4	0	10656.92	0	0.012678	0.001506	0.004926	0.019109	0.000197	0	9.44E-06	0.000207	0.000289	0.002319	0.002815	0.000214	0	1.03E-05	0.000225	0.001156	0.006627	0.008008	106.3975	6.668733	0.560929
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Diesel	8596.971	179518.3677	179518.4	0	124484.1	0	0.05828	0.049368	0.072657	0.180305	0.000578	2.18E-05	0	0.0006	0.000594	0.003138	0.004331	0.000604	2.28E-05	0	0.000627	0.002375	0.008966	0.011967	205.535	17.14219	0
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Electricity	14508.77	412455.8475	0	412455.8	183698.1	451074.7	0	0	0	0	0	0	0	0	0.001227	0.003634	0.004861	0	0	0	0	0.00491	0.010382	0.015292	0	0	0
Statewide Totals	2050	SBUS	Aggregate	Aggregate	Natural Ga:	3218.339	67334.47782	67334.48	0	46601.55	0	0.013866	0.017639	0	0.031505	0.000292	6.56E-05	0	0.000358	0.000223	0.001205	0.001785	0.000318	7.13E-05	0	0.000389	0.000891	0.003442	0.004722	98.96119	15.26427	0
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Gasoline	2077.487	196478.228	196478.2	0	8309.949	0	0.00393	0	0.00263	0.00656	0.000234	0	1.23E-06	0.000235	0.000433	0.006898	0.007567	0.000255	0	1.33E-06	0.000256	0.001733	0.019709	0.021697	147.4184	0	0.316135
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Diesel	67.68085	3683.258291	3683.258	0	270.7234	0	0.000878	0	0	0.000878	7.16E-05	0	0	7.16E-05	1.22E-05	0.000129	0.000213	7.49E-05	0	0	7.49E-05	4.87E-05	0.000369	0.000493	2.684784	0	0
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Electricity	18441.39	2038168.128	0	2038168	73765.57	3961687	0	0	0	0	0	0	0	0	0.017715	0.043249	0.060964	0	0	0	0	0.070859	0.123568	0.194428	0	0	0
Statewide Totals	2050	UBUS	Aggregate	Aggregate	Natural Ga:	280.4868	20557.96795	20557.97	0	1121.947	0	0.003139	0	0	0.003139	0.000218	0	0	0.000218	6.8E-05	0.000722	0.001007	0.000228	0	0	0.000228	0.000272	0.002062	0.002562	13.74052	0	0

CO2_TOTE	CH4_RUNE	CH4_IDLEX	CH4_STREX	CH4_TOTEX	N2O_RUNE	N2O_IDLEX	N2O_STREX	N2O_TOTE	ROG_RUNE	ROG_IDLEX	ROG_STREX	ROG_TOTE	ROG_DIUR	ROG_HOTS	ROG_RUNL	ROG_TOTA	TOG_RUNE	TOG_IDLEX	TOG_STREX	TOG_TOTE	TOG_DIUR	TOG_HOTS	TOG_RUNL	TOG_TOTA	CO_RUNEX	CO_IDLEX	CO_STREX	CO_TOTEX	SOx_RUNE	SOx_IDLEX	SOx_STREX	SOx_TOTEX	NH3_RUNE	Fuel Consumption
1418.763	0.326952	0	0	0.326952	0.228418	0	0.00352	0.231937	2.673531	0	0	2.673531	0.119118	0.072875	0.224297	3.08982	3.079599	0	0	3.079599	0.119118	0.073188	0.225263	3.497168	82.69839	0	0.592826	83.29122	0.019102	0	0.000313	0.019415	0.018779	145.4735
70198.87	2.050309	0.263034	0	2.313343	10.60602	0.399196	0	11.00521	44.1426	5.663053	0	49.80565	0	0	0	49.80565	50.25299	6.446954	0	56.69994	0	0	0	56.69994	149.4709	19.9756	0	169.4465	5.826957	0.219754	0	6.046711	1.035157	6239.853
6.904432	0.018821	0.000506	0	0.019327	0.001475	3.84E-05	0	0.001513	0.003341	8.98E-05	0	0.003431	0	0	0	0.003431	0.022708	0.00061	0	0.023318	0	0	0	0.023318	0.001512	0.001949	0	0.003461	0	0	0	0	0.001445	0.857855
200089.1	22.79778	0	20.28621	43.08399	23.46194	0	4.925848	28.38779	135.2727	0	123.3392	258.612	62.14328	28.79688	116.0861	465.6383	161.5313	0	131.8651	293.3964	62.1433	28.92092	116.5862	501.0468	3179.268	0	1215.163	4394.431	2.599389	0	0.109233	2.708623	31.9556	20516.23
1061.047	0.049563	0	0	0.049563	0.166342	0	0	0.166342	1.067067	0	0	1.067067	0	0	0	1.067067	1.214784	0	0	1.214784	0	0	0	1.214784	5.35774	0	0	5.35774	0.090574	0	0	0.090574	0.009042	94.31463
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38253.79	6.05172	0	3.844121	9.895841	5.58234	0	0.908232	6.490571	41.00336	0	24.50248	65.50584	14.86443	7.57756	22.65411	110.6019	47.30852	0	26.23092	73.53944	14.86443	7.610199	22.75169	118.7658	985.6353	0	277.0958	1262.731	0.498111	0	0.023087	0.521197	5.133999	3922.369
97.21956	0.003277	0	0	0.003277	0.015241	0	0	0.015241	0.07056	0	0	0.07056	0	0	0	0.07056	0.080327	0	0	0.080327	0	0	0	0.080327	0.410293	0	0	0.410293	0.008384	0	0	0.008384	0.000698	8.641675
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80749.74	7.117971	0	6.456664	13.57464	9.889914	0	2.173425	12.06334	42.96178	0	39.27885	82.24063	14.83572	6.55495	28.98992	132.6212	51.201	0	41.97946	93.18046	14.83572	6.583184	29.11478	143.7141	1081.015	0	395.2402	1476.256	1.053879	0	0.040239	1.094119	9.238568	8279.711
7.862356	0.000245	0	0	0.000245	0.001233	0	0	0.001233	0.005269	0	0	0.005269	0	0	0	0.005269	0.005998	0	0	0.005998	0	0	0	0.005998	0.027513	0	0	0.027513	0.000674	0	0	0.000674	4.84E-05	0.698871
20312.63	1.968898	0.051872	0.363626	2.384396	1.482952	0.001275	0.167897	1.652124	12.70002	0.259031	2.345661	15.30471	2.133827	0.896271	5.757739	24.09255	15.50712	0.318469	2.510698	18.33629	2.133827	0.900131	5.782539	27.15278	260.3555	1.759018	37.77544	299.8899	0.273436	0.000866	0.002923	0.277225	0.853261	2082.765
4280.191	0.066696	0.000879	0	0.067575	0.667133	0.003881	0	0.671014	1.435927	0.018929	0	1.454857	0	0	0	1.454857	1.634708	0.02155	0	1.656257	0	0	0	1.656257	6.358903	0.156896	0	6.515798	0.369501	0.002146	0	0.371647	0.198441	380.4586
3122.885	0.295667	0.007201	0.058329	0.361197	0.20602	0.000171	0.023389	0.22958	1.961501	0.036555	0.392092	2.390148	0.322182	0.13992	0.834511	3.686761	2.370932	0.044847	0.420394	2.836173	0.322183	0.140523	0.838105	4.136984	40.60172	0.247754	5.267893	46.11736	0.0419	0.000141	0.000474	0.042515	0.11399	320.2065
1331.476	0.018893	0.000258	0	0.019151	0.207067	0.001671	0	0.208738	0.406746	0.005565	0	0.412311	0	0	0	0.412311	0.463054	0.006335	0	0.469389	0	0	0	0.469389	1.87493	0.046122	0	1.921051	0.113802	0.000916	0	0.114718	0.056423	118.3525
502.9431	0.879482	0	0.264159	1.143641	0.140233	0	0.012105	0.152338	7.076944	0	2.168265	9.24521	2.022944	2.498028	2.601203	16.36738	7.752456	0	2.343866	10.09632	2.022945	2.508787	2.612407	17.24046	76.96371	0	6.647252	83.61097	0.006086	0	0.000789	0.006875	0.011226	51.56949
43262.25	4.357306	0	3.468905	7.826211	5.20279	0	0.926766	6.129556	28.41563	0	21.54633	49.96196	6.979356	2.865661	12.7726	72.57957	33.40664	0	23.03764	56.44428	6.979359	2.878005	12.82761	79.12926	789.5817	0	204.0254	993.607	0.566063	0	0.021461	0.587524	4.530658	4435.914
165.0222	0.004672	0	0	0.004672	0.025871	0	0	0.025871	0.100594	0	0	0.100594	0	0	0	0.100594	0.11452	0	0	0.11452	0	0	0	0.11452	0.52421	0	0	0.52421	0.014268	0	0	0.014268	0.000911	14.66853
4575.734	0.440389	0	0.003491	0.44388	0.301735	0	0.000519	0.302254	3.138722	0	0.026367	3.165089	2.707436	1.341196	0.020501	7.234222	3.621207	0	0.028406	3.649613	2.707437	1.346973	0.020589	7.724613	106.5835	0	0.179435	106.763	0.062507	0	2.31E-05	0.06253	0.078711	469.1749
152.0889	0.001527	0	0	0.001527	0.023843	0	0	0.023843	0.032871	0	0	0.032871	0	0	0	0.032871	0.037422	0	0	0.037422	0	0	0	0.037422	0.119368	0	0	0.119368	0.0131	0	0	0.0131	0.003869	13.51891
7766.033	0.863573	0.015819	0.289932	1.169324	0.580248	0.00042	0.039732	0.620399	6.332185	0.101693	2.435237	8.869115	1.046162	0.549816	2.268217	12.73331	7.44965	0.119939	2.6269	10.19649	1.046162	0.552185	2.277986	14.07282	158.7051	1.268373	12.00687	171.9804	0.102745	0.000737	0.002414	0.105896	0.140161	796.2937
13632.97	0.379421	0.031255	0	0.410676	2.072885	0.064383	0	2.137268	8.168833	0.672906	0	8.841738	0	0	0	8.841738	9.299594	0.766052	0	10.06565	0	0	0	10.06565	20.91354	3.654737	0	24.56828	1.129506	0.035061	0	1.164567	0.297701	1211.811
946.1998	0.063279	0.001352	0.018108	0.082738	0.073233	2.93E-05	0.004044	0.077307	0.431357	0.007642	0.140372	0.579371	0.070931	0.034424	0.102461	0.787186	0.514825	0.009222	0.151163	0.67521	0.070931	0.034573	0.102902	0.883615	10.56975	0.050982	1.096484	11.71722	0.012684	5.16E-05	0.000151	0.012886	0.020015	97.01902
1061.344	0.042341	0.003814	0	0.046154	0.160882	0.005507	0	0.166389	0.91158	0.082112	0	0.993692	0	0	0	0.993692	1.037765	0.093478	0	1.131243	0	0	0	1.131243	2.505578	0.288777	0	2.794355	0.087972	0.003	0	0.090971	0.019407	94.341
258.0752	0.06367	0.008833	0.004058	0.07656	0.030742	0.000307	0.000404	0.031453	0.477963	0.055025	0.031678	0.564666	0.06259	0.03458	0.050426	0.712261	0.551258	0.064698	0.034097	0.650053	0.06259	0.034729	0.050643	0.798014	12.15782	0.361233	0.349479	12.86853	0.003346	0.000187	2.52E-05	0.003558	0.00661	26.46185
683.1776	0.023883	0.003238	0	0.027121	0.101322	0.005781	0	0.107103	0.514192	0.069719	0	0.583911	0	0	0	0.583911	0.585368	0.07937	0	0.664738	0	0	0	0.664738	1.247573	0.358048	0	1.605621	0.055622	0.003157	0	0.058779	0.013811	60.72645
73.81135	0.00321	0	0.000381	0.003591	0.00435	0	0.00013	0.00448	0.018151	0	0.002294	0.020446	0.00132	0.000407	0.002519	0.024692	0.022406	0	0.00245	0.024856	0.00132	0.000409	0.00253	0.029116	0.347826	0	0.051379	0.399206	0.001012	0	3.98E-06	0.001016	0.001954	7.56828
1814.512	0.00782	0	0	0.00782	0.284465	0	0	0.284465	0.168365	0	0	0.168365	0	0	0	0.168365	0.191671	0	0	0.191671	0	0	0	0.191671	1.15401	0	0	1.15401	0.153859	0	0	0.153859	0.026036	161.2888
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
369.5404	1.513825	0	0	1.513825	0.080979	0	0	0.080979	0.269007	0	0	0.269007	0	0	0	0.269007	1.826857	0	0	1.826857	0	0	0	1.826857	5.215392	0	0	5.215392	0	0	0	0	0.212962	45.91428
1221.214	0.274566	0	0	0.274566	0.188622	0	0.002681	0.191303	2.235079	0	0	2.235079	0.105175	0.066543	0.202609	2.609406	2.579958	0	0	2.579958	0.105175	0.066829	0.203481	2.955444	68.39087	0	0.484759	68.87562	0.016413	0	0.000284	0.016697	0.016393	125.1979
69682.93	1.973976	0.239389	0	2.213365	10.54057	0.383914	0	10.92449	42.49916	5.15398	0	47.65314	0	0	0	47.65314	48.38206	5.867414	0	54.24947	0	0	0	54.24947	136.7404	18.76106	0	155.5014	5.791032	0.211297	0	6.002329	1.033353	6194.081
14.32156	0.039877	0.000985	0	0.040862	0.002881	7.48E-05	0	0.002956	0.007079	0.000175	0	0.007254	0	0	0	0.007254	0.048113	0.001188	0	0.049301	0	0	0	0.049301	0.003121	0.003796	0	0.006917	0	0	0	0	0.00276	1.675762
197640.9	20.32362	0	20.00508	40.3287	21.50525	0	4.932068	26.43732	119.8306	0	121.0079	240.8385	60.3194	27.74655	107.2674	436.1719	143.6112	0	129.365	272.9761	60.31942	27.86606	107.7295	468.8911	2976.842	0	1182.452	4159.294	2.565731	0	0.109352	2.675083	30.84979	20262
918.4808	0.041824	0	0	0.041824	0.143994	0	0	0.143994	0.900439	0	0	0.900439	0	0	0	0.900439	1.025089	0	0	1.025089	0	0	0	1.025089	4.625919	0	0	4.625919	0.078413	0	0	0.078413	0.007892	81.64329
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36266.33	5.237364	0	3.64912	8.886484	4.88807	0	0.868382	5.756452	35.31962	0	23.12122	58.44084	13.89172	7.032515	20.65469	100.0198	40.84739	0	24.74869	65.59608	13.89172	7.062806	20.74365	107.2943	865.5581	0	258.2149	1123.773	0.471694	0	0.022146	0.49384	4.790825	3717.996
83.61976	0.002774	0	0	0.002774	0.013109	0	0	0.013109	0.059717	0	0	0.059717	0	0	0	0.059717	0.067984	0	0	0.067984	0	0	0	0.067984	0.348363	0	0	0.348363	0.007211	0	0	0.007211	0.000597	7.432918
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83263.9	6.535748	0	6.632121	13.16787	9.377724	0	2.286609	11.66433	39.05091	0	40.05523	79.10614	14.76046	6.416538	27.36403	127.6472	46.7502	0	42.80543	89.55563	14.76046	6.444175	27.4819	138.2422	1046.003	0	398.3458	1444.349	1.085822	0	0.042098	1.12792	9.272272	8536.151
7.254412	0.000213	0	0	0.000213	0.001137	0	0	0.001137	0.00459	0	0	0.00459	0	0	0	0.00459	0.005226	0	0	0.005226	0	0	0	0.005226	0.025064	0	0	0.025064	0.000621	0	0	0.000621	4.56E-05	0.644841
21148.41	1.836695	0.057392	0.387293	2.28138	1.407142	0.001418	0.194157	1.602717	11.79154	0.28143	2.456114	14.52908	2.249392	0.919121	5.787839	23.48543	14.45774	0.347503	2.628225	17.43347	2.249392	0.92308	5.812769	26.41871	238.3752	1.914385	39.10958	279.3991	0.284557	0.000936	0.003086	0.288578	0.898358	2168.119
4813.431	0.074102	0.001001	0	0.075103	0.750204	0.004418	0	0.754622	1.595369	0.021551	0	1.61692	0	0	0	1.61692	1.816222	0.024534	0	1.840756	0	0	0	1.840756	6.98923	0.178624	0	7.167854	0.41556	0.002443	0	0.418003	0.223116	427.8634
3095.416	0.263714	0.007618	0.05958	0.330912	0.186914	0.000183	0.026026	0.213123	1.745568	0.037991	0.394999	2.178558	0.32664	0.139997	0.805675	3.45087	2.115305	0.046795	0.423452	2.585551	0.32664	0.1406	0.809146	3.861936	35.69129	0.257845	5.192155	41.14129	0.041501	0.000145	0.000481	0.042128	0.114196	317.3397
1394.489	0.019845	0.000279	0	0.020123	0.216794	0.001826	0	0.21862	0.427248	0.005999	0	0.433247	0	0	0	0.433247	0.486394	0.006829	0	0.493223	0	0	0	0.493223	1.947875	0.049721	0	1.997596	0.119243	0.001001	0	0.120245	0.058978	123.9554
679.5413	1.176921	0	0.314353	1.491274	0.193213	0	0.014683	0.207896	9.34696	0	2.562029	11.90899	2.487843	3.057293	3.163104	20.61723	10.28153	0	2.768701	13.05024	2.487844	3.070462	3.176729	21.78527	101.9971	0	8.324011	110.3211	0.008328	0	0.000962	0.00929	0.016138	69.66606
49908.39	4.225975	0	4.034009	8.259984	5.178375	0	1.172366	6.350741	27.12149	0	24.66453	51.78601	7.40096	2.990076	12.72559	74.90264	32.04678	0	26.36613	58.41291	7.400963	3.002955	12.7804	81.59722	777.646	0	219.624	997.2699	0.652753	0	0.02476	0.677513	4.99255	5116.57
141.9564	0.003974	0	0	0.003974	0.022255	0	0	0.022255	0.085557	0	0	0.085557	0	0	0	0.085557	0.097401	0	0	0.097401	0	0	0	0.097401	0.45079	0	0	0.45079	0.012267	0	0	0.012267	0.000786	12.61843
4271.565	0.384564	0	0.003243	0.387807	0.264443	0	0.00053	0.264973	2.730601	0	0.024314	2.754915	2.558004	1.253241	0.019311	6.585472	3.157417	0	0.026193	3.18361	2.558005	1.258639	0.019394	7.019648	91.71842	0	0.169002	91.88742	0.058366	0	2.18E-05	0.058388	0.075694	437.9176
172.3908	0.001619	0	0	0.001619	0.027026	0	0	0.027026	0.034853	0	0	0.034853	0	0	0	0.034853	0.039678	0	0	0.039678	0	0	0	0.039678	0.126697	0	0	0.126697	0.014847	0	0	0.014847	0.004398	15.32373
7178.902	0.72889	0.01529	0.270621	1.014801	0.521446	0.000394	0.038502	0.560343	5.284499	0.097373	2.268968	7.650839	0.953273	0.504034	2.087534	11.19568	6.243149	0.115427	2.446989	8.805564	0.953273	0.506205	2.096526	12.36157	131.4246	1.218117	11.88136	144.5241	0.094853	0.000704	0.002261	0.097818	0.134107	735.9756
13606.39	0.362131	0.031193	0	0.393324	2.062251	0.07088	0	2.133131	7.796582	0.671574	0	8.468156	0	0	0	8.468156	8.875815	0.764536	0	9.640351	0	0	0	9.640351	20.00699	3.76853	0	23.77552	1.123701	0.038615	0	1.162316	0.29719	1209.465
1029.607	0.057699	0.001513	0.018368	0.07758	0.073568	3.19E-05	0.004292	0.077891	0.382699	0.008356	0.139312	0.530367	0.067063	0.032532	0.096803	0.726765	0.459493	0.010154	0.149924	0.619571	0.067063	0.032672	0.09722	0.816527	10.43168	0.055903	1.210551	11.69813	0.013808	5.59E-05	0.000154	0.014018	0.022436	105.5545
1062.782	0.040961	0.004285	0	0.045246	0.160258	0.006359	0	0.166617	0.881882	0.092251	0	0.974133	0	0	0	0.974133	1.003956	0.105021	0	1.108976	0	0	0	1.108976	2.421731	0.327842	0	2.749573	0.087632	0.003464	0	0.091096	0.019374	94.47018
237.8401	0.06054	0.008325	0.003955	0.072819	0.029264	0.00027	0.0004	0.029935	0.452594	0.052162	0.030891	0.535647	0.056768	0.031192	0.047444	0.671052	0.523837	0.061727	0.033245	0.618809	0.056768	0.031326	0.047649	0.754552	11.40284	0.344421	0.349647	12.09691	0.003078	0.000178	2.41E-05	0.003279	0.006308	24.38318
680.395	0.023108	0.003037	0	0.026145	0.100804	0.005865	0	0.106668	0.497504	0.065381	0	0.562885	0	0	0	0.562885	0.56637	0.074432	0	0.640802	0	0	0	0.640802	1.209042	0.343113	0	1.552156	0.055337	0.003202	0	0.058539	0.013786	60.47997
70.74089	0.002734	0	0.000336	0.00307	0.003705	0	0.000121	0.003826	0.015584	0	0.001983	0.017568	0.001118	0.000345	0.001923	0.020954	0.019309	0	0.002118	0.021427	0.001118	0.000346	0.001931	0.024823	0.299355	0	0.04324	0.342595	0.000969	0	3.38E-06	0.000972	0.001888	7.252303
1713.117	0.007242	0	0	0.007242	0.268573	0	0	0.268573	0.155909	0	0	0.155909	0	0	0	0.155909	0.17749	0	0	0.17749	0	0	0	0.17749	1.073025	0	0	1.073025	0.14575	0	0	0.14575	0.024827	152.2781
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
526.6049	2.061239	0	0	2.061239	0.108675	0	0	0.108675	0.36621	0	0	0.36621	0	0	0	0.36621	2.487387	0	0	2.487387	0	0	0	2.487387	7.026404	0	0	7.026404	0	0	0	0	0.28238	61.61792
1140.487	0.244144	0	0	0.244144	0.163271	0	0.001949	0.16522	1.96332	0	0	1.96332	0.091549	0.057537	0.17392	2.286327	2.275734	0	0	2.275734	0.091549	0.057785	0.174669	2.599738	58.51371	0	0.434479	58.94819	0.015347	0	0.000248	0.015595	0.015706	116.7335
71036.47	2.018899	0.230588	0	2.249487	10.74058	0.396538	0	11.13712	43.46635	4.964496	0	48.43085	0	0	0	48.43085	49.48313	5.651701	0	55.13483	0	0	0	55.13483	137.024	18.83196	0	155.856	5.901042	0.218253	0	6.119295	1.056591	6314.644
58.68546	0.174235	0.004073	0	0.178308	0.011757	0.000309	0	0.012066	0.03093	0.000723	0	0.031653	0	0	0	0.031653	0.210223	0.004914	0	0.215137	0	0	0	0.215137	0.013354	0.015697	0	0.029052	0	0	0	0	0.011032	6.841303
204109	19.29259	0	19.44471	38.7373	20.82324	0	4.88217	25.70541	112.5869	0	116.5615	229.1484	57.63571	26.1161	97.07816	409.9784	135.4457	0	124.605	260.0508	57.63573	26.22859	97.4963	441.4114	2945.554	0	1127.127	4072.681	2.650778	0	0.107201	2.757979	31.20974	20891.4
866.8714	0.037673	0	0	0.037673	0.135908	0	0	0.135908	0.811082	0	0	0.811082	0	0	0	0.811082	0.923363	0	0	0.923363	0	0	0	0.923363	4.318603	0	0	4.318603	0.074036	0	0	0.074036	0.007563	77.05878
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35397.24	4.69408	0	3.33373	8.02781	4.399236	0	0.802723	5.201959	31.43942	0	20.9019	52.34133	12.52504	6.241068	17.93465	89.04209	36.43074	0	22.37085	58.80159	12.52505	6.26795	18.0119	95.60649	780.0462	0	228.9721	1009.018	0.460558	0	0.020375	0.480933	4.60775	3623.053

79.57054	0.002474	0	0	0.002474	0.012475	0	0	0.012475	0.053267	0	0	0.053267	0	0	0	0.053267	0.060641	0	0	0.060641	0	0	0	0.060641	0.317199	0	0	0.317199	0.006858	0	0	0.006858	0.000558	7.073262
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85401.43	6.227043	0	6.476231	12.70327	9.120079	0	2.261289	11.38137	36.76093	0	38.78404	75.54496	14.04977	5.992543	24.67653	120.2638	44.20453	0	41.44428	85.64881	14.04977	6.018354	24.78282	130.4998	1035.92	0	380.9179	1416.838	1.113777	0	0.041349	1.155126	9.322537	8741.187
6.412166	0.000184	0	0	0.000184	0.001005	0	0	0.001005	0.003961	0	0	0.003961	0	0	0	0.003961	0.004509	0	0	0.004509	0	0	0	0.004509	0.021893	0	0	0.021893	0.00055	0	0	0.00055	4.06E-05	0.569997
23316.24	1.774572	0.062734	0.40694	2.244246	1.390084	0.001572	0.221956	1.613612	11.31685	0.30029	2.522668	14.13981	2.273446	0.905433	5.612979	22.93167	13.93266	0.372429	2.698822	17.00391	2.273447	0.909333	5.637156	25.82384	225.7715	2.046012	39.43448	267.252	0.313556	0.000993	0.003198	0.317747	0.9998	2386.513
5692.192	0.088855	0.001125	0	0.08998	0.887458	0.004966	0	0.892424	1.912997	0.024225	0	1.937222	0	0	0	1.937222	2.17782	0.027578	0	2.205398	0	0	0	2.205398	8.646782	0.200789	0	8.847571	0.491581	0.002747	0	0.494327	0.264	505.9959
3204.649	0.213843	0.00786	0.055453	0.277156	0.165264	0.000194	0.028462	0.19392	1.389887	0.037657	0.351565	1.77911	0.278477	0.115371	0.682176	2.855134	1.694787	0.046642	0.376562	2.117991	0.278477	0.115868	0.685114	3.197451	28.08632	0.256002	4.807374	33.1497	0.042934	0.000143	0.000452	0.043528	0.12129	328.009
1533.636	0.022184	0.000294	0	0.022478	0.238491	0.001953	0	0.240444	0.477613	0.00633	0	0.483943	0	0	0	0.483943	0.54373	0.007207	0	0.550937	0	0	0	0.550937	2.210568	0.052469	0	2.263037	0.131238	0.001072	0	0.13231	0.064816	136.3295
779.7686	1.346625	0	0.337456	1.684082	0.223368	0	0.015885	0.239253	10.63695	0	2.738366	13.37532	2.743307	3.323577	3.438564	22.88076	11.72138	0	2.958836	14.68022	2.743307	3.337893	3.453375	24.21479	116.3446	0	9.146389	125.491	0.009602	0	0.001043	0.010645	0.018916	79.81252
60217.09	4.341623	0	4.620005	8.961629	5.448973	0	1.433991	6.882964	27.28926	0	27.73199	55.02126	7.635042	3.032085	12.36855	78.05694	32.42502	0	29.64	62.06502	7.635044	3.045145	12.42183	85.16704	804.5831	0	232.2536	1036.837	0.788198	0	0.028014	0.816212	5.785565	6163.466
143.3651	0.00379	0	0	0.00379	0.022477	0	0	0.022477	0.0816	0	0	0.0816	0	0	0	0.0816	0.092896	0	0	0.092896	0	0	0	0.092896	0.448276	0	0	0.448276	0.012381	0	0	0.012381	0.000806	12.74415
4147.09	0.345709	0	0.002888	0.348597	0.241336	0	0.00052	0.241856	2.438311	0	0.021437	2.459748	2.340092	1.125154	0.017621	5.942615	2.828815	0	0.02309	2.851905	2.340093	1.13	0.017697	6.339695	81.16992	0	0.155241	81.32516	0.056586	0	1.98E-05	0.056605	0.07564	424.4717
200.9391	0.001769	0	0	0.001769	0.031503	0	0	0.031503	0.038086	0	0	0.038086	0	0	0	0.038086	0.043359	0	0	0.043359	0	0	0	0.043359	0.138521	0	0	0.138521	0.017309	0	0	0.017309	0.005138	17.86207
7054.815	0.636379	0.014528	0.244871	0.895778	0.495169	0.000364	0.036651	0.532184	4.536397	0.090878	2.03471	6.661985	0.843085	0.440637	1.831173	9.776879	5.380677	0.108374	2.19381	7.682861	0.843086	0.442535	1.83906	10.80754	113.101	1.140567	11.1924	125.434	0.093173	0.000655	0.002043	0.095871	0.136674	722.0893
13855.67	0.356136	0.028326	0	0.384462	2.102305	0.069992	0	2.172296	7.667521	0.609843	0	8.277364	0	0	0	8.277364	8.728889	0.69426	0	9.423149	0	0	0	9.423149	19.80333	3.51908	0	23.32241	1.145516	0.038132	0	1.183648	0.30397	1231.672
1295.882	0.059342	0.001807	0.019125	0.080273	0.085297	3.68E-05	0.004872	0.090206	0.37587	0.009682	0.13892	0.524471	0.062504	0.029344	0.09061	0.706929	0.455188	0.011867	0.149331	0.616386	0.062504	0.029471	0.091	0.79936	11.25534	0.065033	1.290136	12.61051	0.017382	6.4E-05	0.00016	0.017606	0.029063	132.6388
1077.417	0.036356	0.003746	0	0.040101	0.163093	0.005825	0	0.168918	0.782725	0.080645	0	0.863371	0	0	0	0.863371	0.891073	0.091809	0	0.982882	0	0	0	0.982882	2.196925	0.293696	0	2.49062	0.089182	0.003173	0	0.092355	0.01982	95.77477
236.3252	0.062685	0.008029	0.003704	0.074418	0.030104	0.000238	0.000398	0.03074	0.463865	0.050412	0.02891	0.543186	0.052007	0.027179	0.043919	0.666292	0.54076	0.060249	0.031109	0.632118	0.052007	0.027297	0.044109	0.755529	11.37659	0.335465	0.359972	12.07203	0.00305	0.000171	2.31E-05	0.003245	0.006576	24.18885
692.9595	0.022995	0.002776	0	0.025771	0.102703	0.005939	0	0.108642	0.495066	0.059776	0	0.554842	0	0	0	0.554842	0.563594	0.068051	0	0.631645	0	0	0	0.631645	1.205106	0.325635	0	1.530741	0.05638	0.003246	0	0.059626	0.014101	61.59924
109.0395	0.003047	0	0.000396	0.003443	0.004409	0	0.000169	0.004577	0.017047	0	0.002208	0.019254	0.001202	0.000359	0.001765	0.02258	0.021204	0	0.002357	0.023561	0.001202	0.00036	0.001772	0.026896	0.329596	0	0.043912	0.373508	0.001463	0	3.97E-06	0.001467	0.00274	11.16064
1678.352	0.007143	0	0	0.007143	0.263133	0	0	0.263133	0.15379	0	0	0.15379	0	0	0	0.15379	0.175078	0	0	0.175078	0	0	0	0.175078	1.054949	0	0	1.054949	0.1427	0	0	0.1427	0.024285	149.1937
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
752.2232	2.976873	0	0	2.976873	0.15466	0	0	0.15466	0.528744	0	0	0.528744	0	0	0	0.528744	3.592167	0	0	3.592167	0	0	0	3.592167	10.10416	0	0	10.10416	0	0	0	0	0.393796	87.69101
1068.568	0.226811	0	0	0.226811	0.148404	0	0.00185	0.150255	1.824193	0	0	1.824193	0.091356	0.057243	0.171047	2.14384	2.115962	0	0	2.115962	0.091357	0.057489	0.171784	2.436592	54.2458	0	0.439326	54.68512	0.010195	0	0.000174	0.010369	0.015008	110.6014
69188.51	1.954229	0.237375	0	2.191604	10.42051	0.425974	0	10.84648	42.07402	5.110619	0	47.18464	0	0	0	47.18464	47.89807	5.818051	0	53.71612	0	0	0	53.71612	130.5705	19.8528	0	150.4233	5.725286	0.234399	0	5.959686	1.027615	6149.852
69.67611	0.201003	0.005501	0	0.206503	0.013898	0.000418	0	0.014316	0.035681	0.000976	0	0.036658	0	0	0	0.036658	0.242518	0.006637	0	0.249155	0	0	0	0.249155	0.018453	0.021201	0	0.039654	0	0	0	0	0.013158	8.117283
195047.2	17.29677	0	18.7184	36.01517	18.87354	0	4.772853	23.6464	100.6182	0	111.9212	212.5394	55.57884	24.92729	87.7959	380.8414	121.4352	0	119.6429	241.0781	55.57886	25.03465	88.17406	409.8657	2745.934	0	1069.342	3815.276	1.818398	0	0.074286	1.892684	29.50341	20188.22
787.5572	0.032388	0	0	0.032388	0.123463	0	0	0.123463	0.697297	0	0	0.697297	0	0	0	0.697297	0.793826	0	0	0.793826	0	0	0	0.793826	3.86975	0	0	3.86975	0.067307	0	0	0.067307	0.006995	70.00239
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33065.58	4.311623	0	3.230676	7.542299	4.035508	0	0.771378	4.806887	28.7861	0	20.25756	49.04366	12.36608	6.039852	16.93363	84.38321	33.44647	0	21.67943	55.1259	12.36608	6.065867	17.00656	90.56441	721.7036	0	219.1956	940.8992	0.306966	0	0.013894	0.320859	4.309295	3422.43
73.98015	0.002254	0	0	0.002254	0.011598	0	0	0.011598	0.048518	0	0	0.048518	0	0	0	0.048518	0.055235	0	0	0.055235	0	0	0	0.055235	0.291415	0	0	0.291415	0.006372	0	0	0.006372	0.000516	6.57576
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87907.67	5.97135	0	6.728486	12.69984	8.856087	0	2.406905	11.26299	35.05369	0	40.10136	75.15505	14.39253	6.044783	23.57468	119.167	42.30475	0	42.85021	85.15496	14.39254	6.07082	23.67622	129.2945	1031.533	0	387.7347	1419.267	0.822173	0	0.030859	0.853032	9.471239	9098.822
6.136531	0.000176	0	0	0.000176	0.000962	0	0	0.000962	0.00378	0	0	0.00378	0	0	0	0.00378	0.004303	0	0	0.004303	0	0	0	0.004303	0.021039	0	0	0.021039	0.000526	0	0	0.000526	3.9E-05	0.545448
24939.05	1.682058	0.07107	0.446941	2.200069	1.353055	0.0018	0.260755	1.615611	10.66095	0.334496	2.724098	13.71955	2.424695	0.949939	5.722345	22.81652	13.17408	0.416649	2.913901	16.50463	2.424695	0.954031	5.746992	25.63035	211.0673	2.283505	41.56147	254.9123	0.238765	0.000779	0.002457	0.242002	1.091257	2581.3
6727.198	0.105453	0.001347	0	0.1068	1.048658	0.005945	0	1.054603	2.270337	0.029002	0	2.299338	0	0	0	2.299338	2.584627	0.033017	0	2.617644	0	0	0	2.617644	10.56646	0.240382	0	10.80684	0.580511	0.003287	0	0.583798	0.312466	597.9501
3198.389	0.18859	0.008374	0.056979	0.253943	0.154153	0.000207	0.031675	0.186035	1.209654	0.039559	0.352904	1.602117	0.275266	0.111355	0.656412	2.645151	1.483553	0.04924	0.377783	1.910576	0.275266	0.111835	0.659239	2.956916	24.3425	0.269689	4.88239	29.49458	0.030603	0.000106	0.000327	0.031036	0.12399	331.047
1678.938	0.024668	0.000331	0	0.024999	0.260983	0.002219	0	0.263202	0.531084	0.007121	0	0.538204	0	0	0	0.538204	0.604603	0.008107	0	0.61271	0	0	0	0.61271	2.502051	0.059021	0	2.561071	0.14365	0.001218	0	0.144868	0.070927	149.2331
829.8153	1.43788	0	0.360546	1.798426	0.240479	0	0.017108	0.257588	11.32275	0	2.919675	14.24243	2.99294	3.599408	3.715444	24.55022	12.49667	0	3.15433	15.651	2.992941	3.614912	3.731447	25.9903	124.0517	0	9.997878	134.0496	0.00726	0	0.000792	0.008052	0.020615	85.88946
67199.34	4.343801	0	5.291907	9.635708	5.681733	0	1.676729	7.358462	26.69939	0	31.52233	58.22171	8.148305	3.18376	12.41398	81.96776	31.94453	0	33.68609	65.63063	8.148307	3.197473	12.46745	89.44386	795.276	0	253.1272	1048.403	0.629495	0	0.022589	0.652084	6.347796	6955.421
124.801	0.003289	0	0	0.003289	0.019565	0	0	0.019565	0.070814	0	0	0.070814	0	0	0	0.070814	0.080617	0	0	0.080617	0	0	0	0.080617	0.391909	0	0	0.391909	0.010773	0	0	0.010773	0.000703	11.09299
3967.001	0.311158	0	0.002775	0.313933	0.216444	0	0.000542	0.216986	2.192178	0	0.02045	2.212628	2.274554	1.07813	0.016869	5.58218	2.546065	0	0.022028	2.568093	2.274554	1.082774	0.016941	5.942362	71.99727	0	0.14779	72.14506	0.038481	0	1.35E-05	0.038495	0.075099	410.6017
240.2136	0.001953	0	0	0.001953	0.037658	0	0	0.037658	0.042051	0	0	0.042051	0	0	0	0.042051	0.047873	0	0	0.047873	0	0	0	0.047873	0.155579	0	0	0.155579	0.020673	0	0	0.020673	0.006166	21.35149
6985.856	0.601244	0.015055	0.247431	0.863729	0.492295	0.000365	0.038238	0.530899	4.227242	0.093621	2.049911	6.370774	0.837436	0.430883	1.820325	9.459418	5.040878	0.112308	2.209545	7.36273	0.837436	0.432739	1.828166	10.46107	106.5114	1.179784	11.8133	119.5044	0.065867	0.000477	0.001445	0.067789	0.139938	723.0662
13537.77	0.338177	0.030613	0	0.36879	2.039514	0.082763	0	2.122277	7.280857	0.659093	0	7.93995	0	0	0	7.93995	8.288702	0.750327	0	9.039028	0	0	0	9.039028	18.96997	3.924413	0	22.89438	1.111295	0.045072	0	1.156367	0.295667	1203.311
1294.396	0.055722	0.001876	0.019255	0.076853	0.084372	3.77E-05	0.004974	0.089384	0.343384	0.010004	0.138615	0.492003	0.059431	0.027707	0.084689	0.66383	0.418265	0.012325	0.148946	0.579537	0.059431	0.027826	0.085054	0.751848	10.74702	0.067399	1.292876	12.1073	0.012401	4.68E-05	0.000113	0.01256	0.029688	133.9755
1044.873	0.037817	0.003246	0	0.041064	0.158614	0.005187	0	0.163802	0.814195	0.069891	0	0.884086	0	0	0	0.884086	0.926899	0.079566	0	1.006465	0	0	0	1.006465	2.256271	0.259553	0	2.515824	0.086734	0.002826	0	0.08956	0.019278	92.87398
238.6172	0.064106	0.008484	0.00382	0.07641	0.030714	0.000239	0.000432	0.031386	0.472368	0.0532	0.029871	0.55544	0.052421	0.02683	0.044028	0.678718	0.55228	0.063995	0.032145	0.648421	0.052421	0.026945	0.044217	0.772005	11.44938	0.35554	0.39089	12.19581	0.002172	0.000127	1.7E-05	0.002315	0.006944	24.6979
673.6605	0.021819	0.002577	0	0.024396	0.099573	0.006035	0	0.105608	0.469751	0.055483	0	0.525234	0	0	0	0.525234	0.534776	0.063163	0	0.597939	0	0	0	0.597939	1.14872	0.310531	0	1.459251	0.054661	0.0033	0	0.057961	0.013715	59.87862
101.1465	0.002408	0	0.000415	0.002823	0.003554	0	0.000182	0.003736	0.013499	0	0.00227	0.015769	0.001235	0.000368	0.001625	0.018996	0.016859	0	0.002424	0.019282	0.001235	0.00037	0.001632	0.022519	0.255311	0	0.043107	0.298418	0.000979	0	2.79E-06	0.000981	0.002598	10.4691
1628.575	0.006845	0	0	0.006845	0.255307	0	0	0.255307	0.147378	0	0	0.147378	0	0	0	0.147378	0.167779	0	0	0.167779	0	0	0	0.167779	1.01185	0	0	1.01185	0.138825	0	0	0.138825	0.023878	144.7567
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
869.0972	3.434269	0	0	3.434269	0.178574	0	0	0.178574	0.609911	0	0	0.609911	0	0	0	0.609911	4.14402	0	0	4.14402	0	0	0	4.14402	11.6297	0	0	11.6297	0	0	0	0	0.456261	101.25
1283.159	0.20718	0	9.18E-06	0.207189	0.143186	0	0.001577	0.144763	1.527702	0	4.64E-05	1.527748	0.083848	0.050672	0.152105	1.814373	1.922389	0	5.08E-05	1.92244	0.083848	0.050672	0.152105	2.209065	48.8777	0	0.534188	49.41188	0.012348	0	0.000166	0.012514	0.019845	133.4851
73857.54	2.03281	0.247352	0	2.280162	11.10537	0.473196	0	11.57856	43.76585	5.32541	0	49.09126	0	0	0	49.09126	49.82408	6.062574	0	55.88666	0	0	0	55.88666	139.3658	21.46516	0	160.831	6.101707	0.260458	0	6.362165	1.097468	6564.937
87.32722	0.248217	0.006513	0	0.25473	0.017448	0.000495	0	0.017942	0.044063	0.001156	0	0.045219	0	0	0	0.045219	0.299485	0.007858	0	0.307343	0	0	0	0.307343	0.025226	0.025102	0	0.050328	0	0	0	0	0.016612	10.17316
193815.7	15.88408	0	18.19518	34.07926	17.15254	0	4.559583	21.71213	83.39013	0	105.8546	189.2448	54.64867	23.60918	79.11509	346.6177	113.1236	0	115.809	228.9326	54.64867	23.60918	79.11509	386.3055	2601.041	0	1036.862	3637.903	1.815542	0	0.074717	1.890259	27.51564	20162.36
719.9765	0.028417	0	0	0.028417	0.11287	0	0	0.11287	0.611811	0	0	0.611811	0	0	0	0.611811	0.696507	0	0	0.696507	0	0	0	0.696507	3.498626	0	0	3.498626	0.061569	0	0	0.061569	0.006475	63.99617
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30207.63	3.861633	0	3.022771	6.884404	3.540753	0	0.701355	4.242108	24.2083	0	18.52002	42.72832	11.86648	5.54606	15.12666	75.26751	30.29213	0	20.24454	50.53667	11.86648	5.54606	15.12666	83.07587	648.6962	0	203.4547	852.1509	0.281543	0	0.013068	0.294611	3.851451	3142.455
71.4847	0.002041	0	0	0.002041	0.011207	0	0	0.011207	0.043951	0	0	0.043951	0	0	0	0.043951	0.050035	0	0	0.050035	0	0	0	0.050035	0.269741	0	0	0.269741	0.006154	0	0	0.006154	0.000491	6.354023
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89052.34	5.577924	0	6.635937	12.21386	8.159484	0	2.31455	10.47403	29.53645	0	38.40194	67.93839	14.26694	5.775818	21.30262	109.2838	40.0526	0	42.02687	82.07947	14.26694	5.775818	21.30262	123.4249	990.4462	0	381.6963	1372.143	0.836767	0	0.031749	0.868516	8.998372	9263.983
5.050497	0.00014	0	0	0.00014	0.000792	0	0	0.000792	0.003024	0	0	0.003024	0	0	0	0.003024	0.003443	0	0	0.003443	0	0	0	0.003443	0.017093	0	0	0.017093	0.000434	0	0	0.000434	3.23E-05	0.448921
25041.21	1.554387	0.075521	0.464007	2.093915	1.272748	0.001889	0.300433	1.57507	8.65967	0.308259	2.728038	11.69597	2.493851	0.933799	5.502244	20.62586	12.35801	0.447585	2.983434	15.78903	2.493851	0.933799	5.502244	24.71893	192.6253	2.406531	41.88581	236.9177	0.240857	0.000818	0.002549	0.244224	1.107938	2605
7424.372	0.137637	0.001553	0	0.13919	1.157055	0.006856	0	1.16391	2.963237	0.033442	0	2.996679	0	0	0	2.996679	3.373448	0.038072	0	3.41152	0	0	0	3.41152	12.16882	0.277187	0	12.44601	0.640362	0.003788	0	0.64415	0.355286	659.9262
3292.09	0.153998	0.009003	0.056474	0.219475	0.134864	0.000224	0.037452	0.172541	0.869614	0.036216	0.333314	1.239144	0.255998	0.099377	0.571216	2.165735	1.219882	0.052533	0.364342	1.636757	0.255998	0.099377	0.571216	2.563348	19.68022	0.281917	4.680295	24.64243	0.031665	0.00011	0.000332	0.032107	0.130151	342.4713
1778.951	0.028428	0.000353	0	0.02878	0.276495	0.002389	0	0.278884	0.612034	0.007593	0	0.619627	0	0	0	0.619627	0.69676	0.008644	0	0.705404	0	0	0	0.705404	2.646254	0.062934	0	2.709188	0.152195	0.001311	0	0.153506	0.07427	158.1247
856.5724	1.473589	0	0.38178	1.855369	0.247942	0	0.018432	0.266374	11.43166	0	3.070317	14.50197	3.21075	3.758037	3.874412	25.34517	12.86308	0	3.331861	16.19494	3.21075	3.758037	3.874412	27.03814	125.5316	0	10.73326	136.2648	0.007501	0	0.000853	0.008354	0.021406	89.10796
74541.68	4.232061	0	5.503829	9.73589	5.632191	0	1.709546	7.341737	23.30773	0	31.85621	55.16395	8.491469	3.1894	11.7838	78.62862	31.20001	0	34.86225	66.06227	8.491469	3.1894	11.7838	89.52694	772.0742	0	260.4218	1032.496	0.701741	0	0.025254	0.726995	6.40036	7754.461
125.6155	0.003031	0	0	0.003031	0.019693	0	0	0.019693	0.065262	0	0	0.065262	0	0	0	0.065262	0.074296	0	0	0.074296	0	0	0	0.074296	0.380604	0	0	0.380604	0.010834	0	0	0.010834	0.00071	11.16552
3795.803	0.268838	0	0.002531	0.271369	0.189743	0	0.000554	0.190297	1.769062	0	0.018189	1.787251	2.14175	0.9639	0.015281	4.908182	2.215173	0	0.019786	2.234959	2.14175	0.9639	0.015281	5.35589	61.25545	0	0.139063	61.39451	0.037007	0	1.26E-05	0.03702	0.074521	394.8717
276.8192	0.002032	0	0	0.002032	0.043397	0	0	0.043397	0.043741	0	0	0.043741	0	0	0	0.043741	0.049797	0	0	0.049797	0	0	0	0.049797	0.165485	0	0	0.165485	0.023818	0	0	0.023818	0.007134	24.60549
6902.285	0.52347	0.015318	0.232492	0.771281	0.448998	0.000371	0.039449	0.488818	3.329785	0.084009	1.893252	5.307046	0.768103	0.380083	1.624197	8.079428	4.410716	0.11326	2.058472	6.582448	0.768103	0.380083	1.624197	9.354831	91.42384	1.16951	11.70992	104.3033	0.065477	0.00047	0.00137	0.067317	0.143199	718.0345
14426.54	0.350061	0.030204	0	0.380265	2.172498	0.089134	0	2.261632	7.536721	0.650277	0	8.186998	0	0	0	8.186998	8.579984	0.740291	0	9.320274	0	0	0	9.320274	19.89194	3.988424	0	23.88037	1.183748	0.048545	0	1.232294	0.315785	1282.324
1366.272	0.053204	0.002098	0.019326	0.074628	0.081206	4.45E-05	0.005845	0.087095	0.287421	0.009613	0.135109	0.432144	0.056959	0.025481	0.078081	0.592665	0.399314	0.013679	0.147267	0.560261	0.056959	0.025481	0.078081	0.720783	9.678392	0.073414	1.412884	11.16469	0.013157	5.06E-05	0.000117	0.013325	0.031867	142.1313
1113.542	0.040345	0.003411	0	0.043755	0.169031	0.005538	0	0.174569	0.868616	0.073427	0	0.942043	0	0	0	0.942043	0.988853	0.083592	0	1.072445	0	0	0	1.072445	2.43158	0.272935	0	2.704515	0.09243	0.003016	0	0.095447	0.02059	98.97882

231.6652	0.061703	0.008588	0.003834	0.074125	0.029722	0.000231	0.000473	0.030426	0.424026	0.04828	0.029456	0.501761	0.049059	0.023524	0.040486	0.614831	0.537342	0.065633	0.032063	0.635038	0.049059	0.023524	0.040486	0.748108	10.92055	0.358653	0.395269	11.67447	0.002116	0.000127	1.68E-05	0.002259	0.007119	24.09979
715.806	0.022898	0.00239	0	0.025288	0.106098	0.006118	0	0.112216	0.492982	0.051453	0	0.544435	0	0	0	0.544435	0.561223	0.058575	0	0.619798	0	0	0	0.619798	1.210897	0.296786	0	1.507682	0.058244	0.003345	0	0.061589	0.014649	63.62547
105.1182	0.001844	0	0.000428	0.002271	0.003081	0	0.0002	0.003281	0.00885	0	0.002199	0.011049	0.001049	0.000289	0.000996	0.013383	0.012914	0	0.002407	0.015321	0.001049	0.000289	0.000996	0.017655	0.196417	0	0.040065	0.236482	0.001022	0	2.77E-06	0.001025	0.002719	10.93529
1465.763	0.006102	0	0	0.006102	0.229786	0	0	0.229786	0.13138	0	0	0.13138	0	0	0	0.13138	0.149567	0	0	0.149567	0	0	0	0.149567	0.909912	0	0	0.909912	0.124971	0	0	0.124971	0.021733	130.2865
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
878.955	3.463575	0	0	3.463575	0.180591	0	0	0.180591	0.61549	0	0	0.61549	0	0	0	0.61549	4.179793	0	0	4.179793	0	0	0	4.179793	11.33958	0	0	11.33958	0	0	0	0	0.471765	102.3936
911.9989	0.165948	0	1.79E-05	0.165966	0.10609	0	0.001011	0.107102	1.242745	0	9.35E-05	1.242838	0.074135	0.044589	0.131651	1.493213	1.551143	0	0.000102	1.551245	0.074135	0.044589	0.131651	1.80162	40.08522	0	0.371837	40.45706	0.008771	0	0.000143	0.008913	0.013593	95.07293
76533.43	1.968352	0.210337	0	2.178689	11.54115	0.457239	0	11.99839	42.37809	4.528496	0	46.90658	0	0	0	46.90658	48.24423	5.155348	0	53.39958	0	0	0	53.39958	142.4166	19.75845	0	162.1751	6.341301	0.251909	0	6.593211	1.144284	6802.976
127.97	0.368492	0.009275	0	0.377767	0.025507	0.000705	0	0.026212	0.065414	0.001646	0	0.06706	0	0	0	0.06706	0.444602	0.01119	0	0.455792	0	0	0	0.455792	0.041804	0.035747	0	0.077551	0	0	0	0	0.02419	14.86179
190173.6	13.91024	0	16.7173	30.62754	15.17889	0	4.271291	19.45018	72.80961	0	96.71485	169.5245	49.96959	21.44043	67.41372	308.3482	98.80502	0	105.8102	204.6153	49.96959	21.44043	67.41372	343.439	2334.072	0	938.9907	3273.062	1.786851	0	0.071779	1.85863	25.06087	19824.99
620.1757	0.023451	0	0	0.023451	0.097227	0	0	0.097227	0.504885	0	0	0.504885	0	0	0	0.504885	0.574778	0	0	0.574778	0	0	0	0.574778	2.994252	0	0	2.994252	0.053073	0	0	0.053073	0.005646	55.12676
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28167.62	3.495029	0	2.850645	6.345674	3.232839	0	0.655554	3.888392	21.66725	0	17.43715	39.1044	11.41581	5.171633	14.04805	69.73989	27.28233	0	19.06315	46.34548	11.41581	5.171633	14.04805	76.98097	589.3029	0	189.7804	779.0833	0.262993	0	0.012298	0.275291	3.552965	2936.383
59.87366	0.001742	0	0	0.001742	0.009387	0	0	0.009387	0.037495	0	0	0.037495	0	0	0	0.037495	0.042685	0	0	0.042685	0	0	0	0.042685	0.226987	0	0	0.226987	0.005152	0	0	0.005152	0.000412	5.322107
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88919.93	4.979882	0	6.236109	11.21599	7.342799	0	2.187777	9.530576	26.24266	0	35.82901	62.07167	13.18835	5.285954	18.25391	98.79988	35.60573	0	39.21178	74.81751	13.18835	5.285954	18.25391	111.5457	903.5132	0	353.0861	1256.599	0.837711	0	0.031333	0.869044	8.381653	9269.614
5.504677	0.000162	0	0	0.000162	0.000863	0	0	0.000863	0.003484	0	0	0.003484	0	0	0	0.003484	0.003966	0	0	0.003966	0	0	0	0.003966	0.018698	0	0	0.018698	0.000474	0	0	0.000474	3.52E-05	0.489305
25011.22	1.360428	0.078529	0.470247	1.909204	1.164858	0.00194	0.342021	1.508819	7.538729	0.317258	2.716208	10.5722	2.482096	0.911687	5.186699	19.15268	10.75372	0.46095	2.970765	14.18543	2.482096	0.911687	5.186699	22.76591	166.0715	2.473884	40.34586	208.8913	0.24104	0.000836	0.002567	0.244443	1.116186	2607.339
8225.353	0.17256	0.001773	0	0.174333	1.281688	0.007827	0	1.289515	3.715112	0.03818	0	3.753292	0	0	0	3.753292	4.229408	0.043465	0	4.272873	0	0	0	4.272873	13.9374	0.316451	0	14.25385	0.70907	0.004322	0	0.713391	0.403376	731.1429
3143.41	0.121567	0.008984	0.053583	0.184135	0.119093	0.00022	0.040651	0.159965	0.663499	0.035717	0.304454	1.00367	0.232982	0.086193	0.504314	1.82716	0.944449	0.051959	0.33304	1.329448	0.232982	0.086193	0.504314	2.152937	14.93788	0.278311	4.418475	19.63467	0.030297	0.000108	0.000317	0.030722	0.126204	327.6903
2186.201	0.038056	0.000411	0	0.038466	0.339922	0.002816	0	0.342738	0.819313	0.008844	0	0.828157	0	0	0	0.828157	0.932733	0.010068	0	0.942801	0	0	0	0.942801	3.116838	0.073304	0	3.190142	0.187114	0.001545	0	0.188659	0.089805	194.3291
939.0089	1.6061	0	0.402356	2.008456	0.27284	0	0.019913	0.292753	12.42666	0	3.224913	15.65157	3.455519	4.039599	4.150785	27.29747	13.98362	0	3.499808	17.48343	3.455519	4.039599	4.150785	29.12933	134.1635	0	11.49304	145.6566	0.008258	0	0.000919	0.009177	0.023753	97.88863
81102.61	4.010444	0	5.524794	9.535238	5.528915	0	1.726539	7.255454	21.67596	0	31.80787	53.48384	8.455434	3.147688	10.84824	75.9352	29.1779	0	34.81109	63.989	8.455434	3.147688	10.84824	86.44036	732.4125	0	256.7725	989.185	0.76547	0	0.027172	0.792642	6.376497	8454.684
94.02126	0.00242	0	0	0.00242	0.01474	0	0	0.01474	0.052101	0	0	0.052101	0	0	0	0.052101	0.059314	0	0	0.059314	0	0	0	0.059314	0.292626	0	0	0.292626	0.008106	0	0	0.008106	0.000528	8.35745
3656.988	0.228721	0	0.002286	0.231006	0.164495	0	0.000564	0.16506	1.500155	0	0.016164	1.516319	1.942089	0.855923	0.013724	4.328055	1.877628	0	0.017585	1.895212	1.942089	0.855923	0.013724	4.706949	51.08331	0	0.127117	51.21043	0.035729	0	1.15E-05	0.035741	0.074462	381.2292
313.5958	0.002132	0	0	0.002132	0.049163	0	0	0.049163	0.045899	0	0	0.045899	0	0	0	0.045899	0.052253	0	0	0.052253	0	0	0	0.052253	0.177685	0	0	0.177685	0.026959	0	0	0.026959	0.008112	27.8752
6253.179	0.469445	0.014319	0.218839	0.702603	0.414332	0.000335	0.037774	0.452441	2.962955	0.0788	1.781366	4.823121	0.720112	0.348521	1.508387	7.400141	3.932554	0.106595	1.937051	5.9762	0.720112	0.348521	1.508387	8.553221	80.43952	1.099918	11.49629	93.03572	0.059398	0.000441	0.001275	0.061114	0.131167	651.8736
15025.77	0.349489	0.029392	0	0.378881	2.258819	0.096819	0	2.355638	7.524394	0.632805	0	8.157199	0	0	0	8.157199	8.56595	0.7204	0	9.28635	0	0	0	9.28635	20.20986	4.03964	0	24.2495	1.230791	0.052745	0	1.283536	0.32938	1335.625
1491.239	0.050001	0.002343	0.019383	0.071727	0.078095	5.13E-05	0.006878	0.085024	0.263932	0.010366	0.132269	0.406567	0.051173	0.022286	0.067923	0.547948	0.368276	0.014833	0.144227	0.527335	0.051173	0.022286	0.067923	0.668717	8.618999	0.079374	1.519217	10.21759	0.014401	5.43E-05	0.000119	0.014574	0.035299	155.4568
1151.95	0.041177	0.002591	0	0.043768	0.175649	0.004946	0	0.180595	0.886536	0.055774	0	0.94231	0	0	0	0.94231	1.009253	0.063495	0	1.072748	0	0	0	1.072748	2.467152	0.230106	0	2.697258	0.096051	0.002694	0	0.098745	0.021472	102.3956
219.1124	0.057512	0.008279	0.003668	0.069459	0.027609	0.000217	0.000487	0.028313	0.396125	0.046013	0.028112	0.47025	0.045481	0.020834	0.036847	0.573412	0.501116	0.063049	0.030601	0.594765	0.045481	0.020834	0.036847	0.697927	10.10987	0.343751	0.374001	10.82763	0.002005	0.000121	1.58E-05	0.002141	0.007009	22.84176
743.4192	0.023323	0.002201	0	0.025524	0.110347	0.006201	0	0.116548	0.502135	0.04738	0	0.549514	0	0	0	0.549514	0.571642	0.053938	0	0.62558	0	0	0	0.62558	1.242209	0.282931	0	1.525141	0.060576	0.003392	0	0.063968	0.015277	66.08174
109.5025	0.00174	0	0.000432	0.002172	0.002924	0	0.000224	0.003148	0.00849	0	0.002213	0.010702	0.001003	0.000282	0.000889	0.012877	0.012388	0	0.002423	0.014811	0.001003	0.000282	0.000889	0.016985	0.18457	0	0.039549	0.224119	0.001067	0	2.88E-06	0.00107	0.002738	11.41528
1349.72	0.005432	0	0	0.005432	0.2116	0	0	0.2116	0.116943	0	0	0.116943	0	0	0	0.116943	0.13313	0	0	0.13313	0	0	0	0.13313	0.821833	0	0	0.821833	0.115438	0	0	0.115438	0.020485	119.9752
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1090.032	4.446828	0	0	4.446828	0.223268	0	0	0.223268	0.790179	0	0	0.790179	0	0	0	0.790179	5.366325	0	0	5.366325	0	0	0	5.366325	13.50714	0	0	13.50714	0	0	0	0	0.57825	126.5909
868.924	0.147731	0	1.65E-05	0.147747	0.09463	0	0.000898	0.095528	1.101042	0	8.66E-05	1.101129	0.070443	0.042069	0.123278	1.336919	1.374708	0	9.48E-05	1.374802	0.070443	0.042069	0.123278	1.610593	36.58799	0	0.363327	36.95132	0.008318	0	0.000136	0.008454	0.013066	90.17748
76853.44	1.948454	0.2194	0	2.167855	11.55225	0.501374	0	12.05363	41.94969	4.723631	0	46.67332	0	0	0	46.67332	47.75653	5.377495	0	53.13402	0	0	0	53.13402	144.5227	21.10492	0	165.6276	6.34756	0.276264	0	6.623824	1.158697	6834.294
178.3707	0.516495	0.014514	0	0.531009	0.035448	0.001099	0	0.036547	0.090957	0.002473	0	0.093431	0	0	0	0.093431	0.622343	0.017394	0	0.639737	0	0	0	0.639737	0.07787	0.055767	0	0.133637	0	0	0	0	0.033866	20.72193
187859.2	12.36943	0	15.80006	28.16949	13.52385	0	4.085712	17.60956	64.79076	0	91.26786	156.0586	48.00485	20.32693	60.4055	284.7959	87.96586	0	99.85111	187.817	48.00485	20.32693	60.4055	316.5542	2114.183	0	878.249	2992.432	1.756858	0	0.070942	1.827801	22.91154	19496.15
554.7271	0.020001	0	0	0.020001	0.087003	0	0	0.087003	0.430614	0	0	0.430614	0	0	0	0.430614	0.490226	0	0	0.490226	0	0	0	0.490226	2.647281	0	0	2.647281	0.047517	0	0	0.047517	0.005118	49.32984
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26494.68	3.163864	0	2.72521	5.889075	2.935148	0	0.621721	3.556869	19.48512	0	16.68771	36.17283	11.39441	4.970932	13.39738	65.93555	24.65489	0	18.24549	42.90037	11.39441	4.970932	13.39738	72.6631	534.746	0	179.998	714.744	0.245974	0	0.011809	0.257783	3.252666	2749.635
54.96163	0.001566	0	0	0.001566	0.00862	0	0	0.00862	0.033716	0	0	0.033716	0	0	0	0.033716	0.038383	0	0	0.038383	0	0	0	0.038383	0.205392	0	0	0.205392	0.004728	0	0	0.004728	0.000376	4.887535
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86543.53	4.470793	0	5.955166	10.42596	6.60603	0	2.089365	8.695396	23.53447	0	34.14726	57.68173	12.65658	5.003034	16.3346	91.67594	31.95984	0	37.37183	69.33168	12.65658	5.003034	16.3346	103.3259	823.5217	0	332.9934	1156.515	0.811097	0	0.03094	0.842037	7.708719	8981.543
5.12421	0.000146	0	0	0.000146	0.000804	0	0	0.000804	0.003149	0	0	0.003149	0	0	0	0.003149	0.003585	0	0	0.003585	0	0	0	0.003585	0.017246	0	0	0.017246	0.000442	0	0	0.000442	3.31E-05	0.455677
25703.49	1.181015	0.083351	0.476375	1.74074	1.05943	0.002042	0.395111	1.456583	6.499328	0.332508	2.710887	9.542723	2.469781	0.88789	4.932001	17.8324	9.270143	0.483414	2.965216	12.71877	2.469781	0.88789	4.932001	21.00845	142.217	2.590129	39.49365	184.3007	0.246575	0.000871	0.002639	0.250085	1.150694	2667.525
8610.277	0.197655	0.001953	0	0.199608	1.341808	0.00862	0	1.350429	4.255391	0.042049	0	4.29744	0	0	0	4.29744	4.84448	0.04787	0	4.89235	0	0	0	4.89235	15.03562	0.348524	0	15.38415	0.742205	0.004758	0	0.746963	0.429436	765.6803
3256.273	0.1053	0.009662	0.054122	0.169083	0.111046	0.000235	0.047291	0.158571	0.559346	0.037978	0.300126	0.89745	0.233955	0.08245	0.486905	1.700759	0.805881	0.055342	0.328461	1.189685	0.233955	0.08245	0.486905	1.992994	12.5056	0.295996	4.458069	17.25966	0.031238	0.000114	0.00033	0.031682	0.131115	337.9381
2576.868	0.047758	0.000484	0	0.048242	0.400813	0.003341	0	0.404154	1.028205	0.010421	0	1.038627	0	0	0	1.038627	1.170543	0.011864	0	1.182407	0	0	0	1.182407	3.596076	0.086377	0	3.682452	0.220604	0.001833	0	0.222437	0.104764	229.1514
1041.479	1.758696	0	0.438523	2.197219	0.30068	0	0.022163	0.322843	13.59023	0	3.508462	17.09869	3.843161	4.479106	4.591771	30.01273	15.29242	0	3.807663	19.10008	3.843161	4.479106	4.591771	32.01412	144.7383	0	12.68736	157.4257	0.009112	0	0.001021	0.010133	0.026353	108.0854
85283.96	3.691357	0	5.431838	9.123196	5.177907	0	1.704278	6.882185	19.77361	0	31.25289	51.02651	8.433366	3.108989	10.04836	72.61722	26.7174	0	34.2048	60.9222	8.433366	3.108989	10.04836	82.51291	675.5283	0	248.9825	924.5109	0.801008	0	0.028773	0.829781	6.163003	8850.824
80.5883	0.002047	0	0	0.002047	0.012639	0	0	0.012639	0.04407	0	0	0.04407	0	0	0	0.04407	0.05017	0	0	0.05017	0	0	0	0.05017	0.250191	0	0	0.250191	0.006946	0	0	0.006946	0.000453	7.166421
3473.533	0.19292	0	0.002077	0.194997	0.141442	0	0.00057	0.142012	1.259066	0	0.014454	1.273519	1.772486	0.768465	0.012423	3.826893	1.577493	0	0.015726	1.593219	1.772486	0.768465	0.012423	4.146592	42.28307	0	0.117767	42.40084	0.033786	0	1.07E-05	0.033796	0.072195	360.4855
348.4842	0.002222	0	0	0.002222	0.054656	0	0	0.054656	0.047849	0	0	0.047849	0	0	0	0.047849	0.054473	0	0	0.054473	0	0	0	0.054473	0.189216	0	0	0.189216	0.029951	0	0	0.029951	0.009044	30.98942
5962.305	0.414091	0.014146	0.207656	0.635892	0.373713	0.000329	0.038201	0.412243	2.59833	0.076664	1.68485	4.359845	0.677879	0.322014	1.409275	6.769013	3.45547	0.10427	1.83236	5.392099	0.677879	0.322014	1.409275	7.801267	70.02071	1.073961	11.38263	82.4773	0.056369	0.000429	0.001212	0.058011	0.126323	618.7718
15103.53	0.342709	0.029889	0	0.372597	2.263038	0.105787	0	2.368825	7.378428	0.643491	0	8.02192	0	0	0	8.02192	8.399779	0.732566	0	9.132345	0	0	0	9.132345	20.10475	4.204573	0	24.30932	1.233086	0.057641	0	1.290727	0.331868	1343.101
1760	0.048023	0.00289	0.020544	0.071457	0.075349	6.69E-05	0.00893	0.084346	0.249842	0.012266	0.135837	0.397945	0.0503	0.021224	0.064823	0.534292	0.349954	0.017634	0.148176	0.515764	0.0503	0.021224	0.064823	0.652111	7.886201	0.094136	1.712269	9.692606	0.016927	6.39E-05	0.000133	0.017124	0.041826	182.6539
1157.445	0.040364	0.002703	0	0.043067	0.175943	0.00559	0	0.181533	0.869027	0.058184	0	0.927211	0	0	0	0.927211	0.989321	0.066238	0	1.055559	0	0	0	1.055559	2.429249	0.252034	0	2.681283	0.09621	0.003045	0	0.099256	0.02156	102.9273
218.6499	0.056513	0.008494	0.003802	0.068809	0.026873	0.000219	0.000536	0.027628	0.390935	0.04664	0.029043	0.466618	0.044823	0.019536	0.036243	0.56722	0.493886	0.064412	0.031616	0.589914	0.044823	0.019536	0.036243	0.690516	9.88044	0.350644	0.371287	10.60237	0.001989	0.000123	1.58E-05	0.002127	0.007192	22.69163
748.4922	0.025629	0.002448	0	0.028077	0.110969	0.006423	0	0.117393	0.551784	0.052701	0	0.604486	0	0	0	0.604486	0.628165	0.059996	0	0.688161	0	0	0	0.688161	1.361457	0.308714	0	1.670171	0.060917	0.003526	0	0.064442	0.015366	66.56066
107.6672	0.002142	0	0.000462	0.002604	0.003307	0	0.000261	0.003567	0.010786	0	0.002376	0.013162	0.001219	0.000357	0.001105	0.015844	0.015739	0	0.002601	0.01834	0.001219	0.000357	0.001105	0.021022	0.25341	0	0.043851	0.29726	0.001044	0	3.12E-06	0.001048	0.003092	11.17377
1279.729	0.005369	0	0	0.005369	0.200712	0	0	0.200712	0.115594	0	0	0.115594	0	0	0	0.115594	0.131596	0	0	0.131596	0	0	0	0.131596	0.783374	0	0	0.783374	0.109577	0	0	0.109577	0.020326	113.8016
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1192.843	5.145081	0	0	5.145081	0.244407	0	0	0.244407	0.914214	0	0	0.914214	0	0	0	0.914214	6.208916	0	0	6.208916	0	0	0	6.208916	13.1938	0	0	13.1938	0	0	0	0	0.637359	138.5766
826.8899	0.128403	0	1.92E-05	0.128422	0.083214	0	0.00075	0.083964	0.952481	0	0.000101	0.952582	0.062714	0.037262	0.108891	1.161449	1.190306	0	0.00011	1.190417	0.062714	0.037262	0.108891	1.399284	32.51433	0	0.354574	32.86891	0.007881	0	0.000124	0.008004	0.012635	85.37525
79328.1	1.963859	0.211459	0	2.175318	11.93358	0.507359	0	12.44093	42.28135	4.552645	0	46.83399	0	0	0	46.83399	48.13409	5.18284	0	53.31693	0	0	0	53.31693	146.8804	20.56648	0	167.4468	0.717255	0.030494	0	0.747749	1.245146	7053.893
202.657	0.579029	0.018228	0	0.597257	0.039904	0.001357	0	0.041261	0.0917	0.002558	0	0.094258	0	0	0	0.094258	0.685992	0.021221	0	0.707212	0	0	0	0.707212	0.357824	0.068278	0	0.426102	0	0	0	0	0.042641	23.39447
186304.5	10.92602	0	14.73944	25.66546	12.01481	0	3.886349	15.90116	57.07872	0	84.75228	141.831	45.2483	18.85798	53.16043	259.0977	77.61108	0	92.72454	170.3356	45.2483	18.85798	53.16043	287.6023	1900.22	0	808.9168	2709.136	1.733965	0	0.069416	1.803381	21.03624	19235.68
503.4225	0.017238	0	0	0.017238	0.078951	0	0	0.078951	0.371125	0	0	0.371125	0	0	0	0.371125	0.422501	0	0	0.422501	0	0	0	0.422501	2.370272	0	0	2.370272	0.004748	0	0	0.004748	0.004709	44.76457
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24936.75	2.820894	0	2.537956	5.35885	2.618552	0	0.578293	3.196845	17.26489	0	15.52498	32.78987	10.97295	4.62892	12.34034	60.73208	21.93894	0	16.97559	38.91454	10.97295	4.62892	12.34034	66.85674	477.0661	0	165.6787	642.7447	0.230258	0	0.011123	0.241382	2.951546	2574.685
50.88384	0.001394	0	0	0.001394	0.00798	0	0	0.00798	0.030009	0	0	0.030009	0	0	0	0.030009	0.034164	0	0	0.034164	0	0	0	0.034164	0.184951	0	0	0.184951	0.00048	0	0	0.00048	0.000344	4.524616
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86094.75	4.027842	0	5.658777	9.686619	5.965592	0	1.9941	7.959692	21.1439	0	32.30419	53.44809	12.12933	4.729617	14.56059	84.86762	28.7515	0	35.35536	64.10685	12.12933	4.729617	14.56059	95.52638	751.8693	0	311.7414	1063.611	0.802674	0	0.030702	0.833376	7.186272	8889.164
5.12796	0.000147	0	0	0.000147	0.000804	0	0	0.000804	0.003155	0	0	0.003155	0	0	0	0.003155	0.003591	0	0	0.003591	0	0	0	0.003591	0.01727	0	0	0.01727	4.84E-05	0	0	4.84E-05	3.35E-05	0.455981

25166.42	1.022645	0.084653	0.471035	1.578334	0.957987	0.002052	0.423923	1.383962	5.594257	0.3355	2.649427	8.579184	2.387681	0.845815	4.584701	16.39738	7.982186	0.488036	2.898277	11.3685	2.387681	0.845815	4.584701	19.18669	121.9032	2.611566	37.69415	162.2089	0.240109	0.000875	0.002621	0.243605	1.126197	2598.398
8697.933	0.202732	0.002043	0	0.204775	1.355069	0.009018	0	1.364087	4.364707	0.043987	0	4.408694	0	0	0	4.408694	4.968928	0.050077	0	5.019005	0	0	0	5.019005	15.03645	0.364591	0	15.40104	0.081498	0.000542	0	0.08204	0.44507	773.4245
3020.52	0.074446	0.009306	0.04949	0.133241	0.08999	0.000224	0.048578	0.138792	0.386501	0.036173	0.267784	0.690457	0.200492	0.070631	0.397764	1.359344	0.555407	0.052719	0.29307	0.901196	0.200492	0.070631	0.397764	1.570083	8.47514	0.281451	3.818108	12.5747	0.028823	0.000108	0.000307	0.029238	0.121405	311.8645
2709.205	0.050201	0.000521	0	0.050722	0.421268	0.003614	0	0.424881	1.080797	0.011225	0	1.092023	0	0	0	1.092023	1.230416	0.012779	0	1.243195	0	0	0	1.243195	3.65964	0.09304	0	3.75268	0.025336	0.000217	0	0.025554	0.113432	240.9038
1101.563	1.838539	0	0.459968	2.298507	0.315607	0	0.02364	0.339247	14.19812	0	3.674057	17.87218	4.079804	4.762876	4.868634	31.5835	15.97621	0	3.9875	19.96371	4.079804	4.762876	4.868634	33.67502	149.8167	0	13.45089	163.2676	0.009575	0	0.001088	0.010663	0.030096	113.7349
87035.98	3.386998	0	5.292248	8.679245	4.827581	0	1.673897	6.501478	17.96386	0	30.36629	48.33015	8.307977	3.039974	9.209752	68.88785	24.37433	0	33.23557	57.6099	8.307977	3.039974	9.209752	78.1676	621.7285	0	238.2981	860.0266	0.813036	0	0.029451	0.842487	5.884442	8986.345
71.95807	0.001756	0	0	0.001756	0.011285	0	0	0.011285	0.03781	0	0	0.03781	0	0	0	0.03781	0.043044	0	0	0.043044	0	0	0	0.043044	0.219537	0	0	0.219537	0.000679	0	0	0.000679	0.000405	6.398547
3301.449	0.163255	0	0.001872	0.165127	0.122615	0	0.000566	0.123181	1.058563	0	0.012798	1.071361	1.614996	0.685573	0.011206	3.383135	1.328551	0	0.013927	1.342477	1.614996	0.685573	0.011206	3.654251	35.10745	0	0.108821	35.21628	0.031947	0	9.81E-06	0.031957	0.069717	340.8701
376.0182	0.002272	0	0	0.002272	0.058971	0	0	0.058971	0.048909	0	0	0.048909	0	0	0	0.048909	0.05568	0	0	0.05568	0	0	0	0.05568	0.194542	0	0	0.194542	0.003547	0	0	0.003547	0.010179	33.43573
6030.555	0.372415	0.014376	0.197378	0.584169	0.354435	0.000327	0.039286	0.394047	2.305277	0.075985	1.583297	3.964559	0.616417	0.287532	1.268767	6.137275	3.074436	0.104228	1.722315	4.900979	0.616417	0.287532	1.268767	7.073695	61.83525	1.069744	11.49212	74.39711	0.056795	0.000425	0.001154	0.058374	0.129735	622.6465
15619.47	0.343032	0.028749	0	0.371781	2.339154	0.11043	0	2.449584	7.385386	0.618965	0	8.004351	0	0	0	8.004351	8.407699	0.704645	0	9.112344	0	0	0	9.112344	20.31852	4.138477	0	24.45699	0.140592	0.006637	0	0.14723	0.354302	1388.891
1812.82	0.04447	0.003052	0.020343	0.067865	0.069691	7.19E-05	0.009705	0.079468	0.229279	0.012744	0.131902	0.373926	0.046789	0.01947	0.05861	0.498796	0.322195	0.018366	0.143925	0.484486	0.046789	0.01947	0.05861	0.609356	6.972401	0.097924	1.74898	8.819305	0.017348	6.62E-05	0.000134	0.017548	0.042991	187.1712
1196.296	0.041883	0.002679	0	0.044562	0.181891	0.005723	0	0.187614	0.901721	0.057679	0	0.9594	0	0	0	0.9594	1.026541	0.065663	0	1.092204	0	0	0	1.092204	2.531155	0.251921	0	2.783076	0.010932	0.000344	0	0.011276	0.022747	106.3752
0.023966	1.2E-05	4.12E-06	0	1.61E-05	4.67E-06	2.13E-07	0	4.88E-06	1.71E-07	5.88E-08	0	2.3E-07	0	0	0	2.3E-07	1.22E-05	4.2E-06	0	1.64E-05	0	0	0	1.64E-05	6.74E-05	4.19E-06	0	7.16E-05	0	0	0	0	2.68E-05	0.002767
209.5807	0.052752	0.008325	0.003653	0.06473	0.025023	0.000213	0.000547	0.025783	0.365328	0.045228	0.027818	0.438375	0.042259	0.017719	0.033818	0.53217	0.461426	0.06283	0.030283	0.554539	0.042259	0.017719	0.033818	0.648335	9.121512	0.341429	0.352142	9.815083	0.001894	0.000119	1.5E-05	0.002029	0.007035	21.63892
770.8943	0.025438	0.002319	0	0.027757	0.114145	0.006753	0	0.120898	0.547673	0.049923	0	0.597596	0	0	0	0.597596	0.623484	0.056833	0	0.680318	0	0	0	0.680318	1.357859	0.303783	0	1.661641	0.006861	0.000406	0	0.007266	0.016068	68.5483
1.762877	0.004327	0.001004	0	0.005331	0.000307	5.19E-05	0	0.000359	6.18E-05	1.43E-05	0	7.62E-05	0	0	0	7.62E-05	0.004416	0.001025	0	0.005441	0	0	0	0.005441	0.015625	0.001022	0	0.016647	0	0	0	0	0.000924	0.203504
123.4278	0.001266	0	0.000457	0.001723	0.002407	0	0.000309	0.002715	0.006014	0	0.002268	0.008281	0.00105	0.000296	0.000811	0.010439	0.008775	0	0.002483	0.011258	0.00105	0.000296	0.000811	0.013416	0.130803	0	0.040516	0.171319	0.001192	0	3.22E-06	0.001195	0.00363	12.74375
1238.477	0.005138	0	0	0.005138	0.194229	0	0	0.194229	0.110613	0	0	0.110613	0	0	0	0.110613	0.125924	0	0	0.125924	0	0	0	0.125924	0.752429	0	0	0.752429	0.011681	0	0	0.011681	0.019716	110.126
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1276.737	5.67346	0	0	5.67346	0.259942	0	0	0.259942	1.008151	0	0	1.008151	0	0	0	1.008151	6.846597	0	0	6.846597	0	0	0	6.846597	12.95875	0	0	12.95875	0	0	0	0	0.679749	147.3849
783.9499	0.114159	0	1.38E-05	0.114173	0.076734	0	0.000703	0.077437	0.84331	0	7.26E-05	0.843382	0.047653	0.034492	0.103589	1.029117	1.055219	0	7.95E-05	1.055299	0.047653	0.034492	0.103589	1.241034	29.89783	0	0.35674	30.25457	0.007527	0	0.000116	0.007643	0.012232	81.52195
71544.16	1.779507	0.114848	0	1.894355	10.9765	0.242423	0	11.21892	38.3123	2.472643	0	40.78494	0	0	0	40.78494	43.61563	2.814916	0	46.43055	0	0	0	46.43055	134.961	6.580523	0	141.5415	0.659731	0.014571	0	0.674302	1.16937	6361.024
222.2693	0.604933	0.027022	0	0.631955	0.043422	0.001904	0	0.045327	0.083519	0.002716	0	0.086235	0	0	0	0.086235	0.702686	0.030232	0	0.732919	0	0	0	0.732919	0.741087	0.089739	0	0.830826	0	0	0	0	0.056971	25.69973
177132.9	9.483636	0	13.61224	23.09588	10.49743	0	3.655887	14.15332	49.43581	0	77.99919	127.435	40.35755	17.33859	46.62521	231.7564	67.33325	0	85.33827	152.6715	40.35755	17.33859	46.62521	256.9929	1675.711	0	738.3563	2414.067	1.659973	0	0.066919	1.726893	18.95312	18419.82
445.7119	0.014509	0	0	0.014509	0.069893	0	0	0.069893	0.312361	0	0	0.312361	0	0	0	0.312361	0.355602	0	0	0.355602	0	0	0	0.355602	2.067781	0	0	2.067781	0.004204	0	0	0.004204	0.004221	39.62844
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23815.74	2.444547	0	2.328602	4.773149	2.264717	0	0.537607	2.802325	14.90559	0	14.19145	29.09705	9.699078	4.224819	11.02918	54.05013	18.99247	0	15.51846	34.51093	9.699078	4.224819	11.02918	59.46402	414.0334	0	149.5695	563.6029	0.221576	0	0.010607	0.232183	2.662959	2476.568
46.72106	0.001241	0	0	0.001241	0.007326	0	0	0.007326	0.026722	0	0	0.026722	0	0	0	0.026722	0.030421	0	0	0.030421	0	0	0	0.030421	0.165426	0	0	0.165426	0.000441	0	0	0.000441	0.000314	4.153991
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81650.98	3.618058	0	5.348459	8.966517	5.339973	0	1.883983	7.223957	19.00483	0	30.50048	49.50531	11.41639	4.556482	13.28465	78.76283	25.86494	0	33.38169	59.24663	11.41639	4.556482	13.28465	88.50415	681.0214	0	291.2238	972.2452	0.766106	0	0.029921	0.796027	6.56258	8490.782
5.138033	0.000136	0	0	0.000136	0.000806	0	0	0.000806	0.002934	0	0	0.002934	0	0	0	0.002934	0.00334	0	0	0.00334	0	0	0	0.00334	0.016738	0	0	0.016738	4.85E-05	0	0	4.85E-05	3.4E-05	0.456825
22893.33	0.845711	0.082154	0.452557	1.380422	0.829633	0.001974	0.428424	1.26003	4.597927	0.325196	2.518827	7.44195	2.198923	0.782019	4.157134	14.58003	6.562116	0.473261	2.755661	9.791038	2.198923	0.782019	4.157134	16.92911	100.0052	2.529927	35.05648	137.5916	0.21984	0.000845	0.002506	0.22319	1.039209	2380.648
8529.945	0.201528	0.002093	0	0.203621	1.328353	0.009237	0	1.337591	4.338775	0.045059	0	4.383834	0	0	0	4.383834	4.939407	0.051297	0	4.990703	0	0	0	4.990703	14.68558	0.373474	0	15.05905	0.079891	0.000556	0	0.080446	0.444613	758.4013
3143.017	0.079336	0.010202	0.054234	0.143772	0.092234	0.000244	0.05496	0.147438	0.415035	0.039739	0.294553	0.749327	0.227808	0.078659	0.434562	1.490356	0.598319	0.057931	0.322393	0.978644	0.227808	0.078659	0.434562	1.719673	9.231893	0.309188	4.20546	13.74654	0.030186	0.000118	0.000338	0.030642	0.128418	326.8384
2846.892	0.052191	0.00056	0	0.052751	0.442524	0.003901	0	0.446424	1.123633	0.012065	0	1.135698	0	0	0	1.135698	1.279181	0.013736	0	1.292917	0	0	0	1.292917	3.695947	0.100004	0	3.795951	0.026615	0.000235	0	0.026849	0.122409	253.1185
1111.102	1.692962	0	0.464724	2.157686	0.298477	0	0.023906	0.322382	12.97324	0	3.700651	16.67389	4.399777	5.141415	5.247935	31.46302	14.64172	0	4.016683	18.6584	4.399777	5.141415	5.247935	33.44753	136.8097	0	13.89193	150.7017	0.009722	0	0.00111	0.010832	0.033404	115.5421
84049.71	3.066941	0	5.124027	8.190968	4.441439	0	1.627281	6.06872	16.08647	0	29.39489	45.48136	7.933717	2.963972	8.56999	64.94904	21.95635	0	32.17372	54.13007	7.933717	2.963972	8.56999	73.59775	562.6543	0	226.7776	789.4319	0.79005	0	0.029363	0.819412	5.491452	8740.223
64.37419	0.00147	0	0	0.00147	0.010095	0	0	0.010095	0.031649	0	0	0.031649	0	0	0	0.031649	0.03603	0	0	0.03603	0	0	0	0.03603	0.187135	0	0	0.187135	0.000607	0	0	0.000607	0.000364	5.723539
2953.829	0.134399	0	0.001649	0.136048	0.103102	0	0.00054	0.103642	0.866205	0	0.011097	0.877302	1.336564	0.60028	0.009899	2.824044	1.088948	0	0.012077	1.101025	1.336564	0.60028	0.009899	3.047767	28.39512	0	0.09806	28.49318	0.028788	0	8.8E-06	0.028797	0.063767	307.1649
369.4161	0.002176	0	0	0.002176	0.057929	0	0	0.057929	0.04684	0	0	0.04684	0	0	0	0.04684	0.053324	0	0	0.053324	0	0	0	0.053324	0.186535	0	0	0.186535	0.003484	0	0	0.003484	0.010322	32.84495
5559.42	0.315428	0.013881	0.182289	0.511598	0.299429	0.000318	0.038735	0.338481	1.963152	0.071912	1.459767	3.494831	0.493903	0.259645	1.156346	5.404725	2.611093	0.099014	1.58798	4.298086	0.493903	0.259645	1.156346	6.20798	52.11992	1.014668	10.81174	63.94633	0.052727	0.000402	0.001071	0.0542	0.121635	578.1171
14488.18	0.305291	0.027455	0	0.332746	2.156721	0.115187	0	2.271908	6.572833	0.591103	0	7.163936	0	0	0	7.163936	7.48267	0.672926	0	8.155596	0	0	0	8.155596	18.22286	4.031835	0	22.25469	0.129627	0.006923	0	0.136551	0.334307	1288.151
0.903231	0.000412	0.000684	0	0.001096	0.000149	3.54E-05	0	0.000184	5.88E-06	9.78E-06	0	1.57E-05	0	0	0	1.57E-05	0.00042	0.000698	0	0.001118	0	0	0	0.001118	0.002141	0.000696	0	0.002837	0	0	0	0	0.000809	0.104435
1863.208	0.041052	0.003303	0.020444	0.064799	0.064283	7.95E-05	0.010587	0.07495	0.210531	0.013551	0.130406	0.354488	0.041394	0.018311	0.055004	0.469197	0.296486	0.01957	0.142325	0.458382	0.041394	0.018311	0.055004	0.57309	6.184582	0.104239	1.823242	8.112063	0.017956	7.03E-05	0.000138	0.018165	0.044648	193.7526
1099.028	0.037689	0.002232	0	0.039921	0.167203	0.005137	0	0.17234	0.811425	0.048056	0	0.859481	0	0	0	0.859481	0.923746	0.054708	0	0.978453	0	0	0	0.978453	2.301901	0.21055	0	2.512451	0.01005	0.000309	0	0.010358	0.021476	97.71511
2.142041	0.001156	0.00017	0	0.001326	0.000428	8.79E-06	0	0.000437	1.65E-05	2.43E-06	0	1.89E-05	0	0	0	1.89E-05	0.001179	0.000174	0	0.001353	0	0	0	0.001353	0.006136	0.000173	0	0.006309	0	0	0	0	0.002381	0.247672
210.3619	0.049568	0.008862	0.003648	0.062078	0.023598	0.000236	0.000614	0.024448	0.344048	0.047199	0.027613	0.41886	0.036836	0.01687	0.03246	0.505026	0.433861	0.065887	0.030063	0.529811	0.036836	0.01687	0.03246	0.615977	8.529338	0.357116	0.346444	9.232897	0.001912	0.000124	1.51E-05	0.002051	0.007339	21.87527
710.7446	0.022675	0.002277	0	0.024952	0.104315	0.007138	0	0.111453	0.488192	0.049028	0	0.537219	0	0	0	0.537219	0.555769	0.055814	0	0.611583	0	0	0	0.611583	1.21696	0.30265	0	1.51961	0.00627	0.000429	0	0.006699	0.014909	63.19263
7.787395	0.019769	0.003436	0	0.023205	0.001411	0.000178	0	0.001588	0.000282	4.91E-05	0	0.000332	0	0	0	0.000332	0.020175	0.003507	0	0.023683	0	0	0	0.023683	0.071055	0.003498	0	0.074552	0	0	0	0	0.004439	0.900412
194.0082	0.002337	0	0.00069	0.003027	0.004191	0	0.000485	0.004676	0.011237	0	0.003292	0.014529	0.00147	0.000417	0.001093	0.017509	0.016397	0	0.003604	0.020001	0.00147	0.000417	0.001093	0.022981	0.253802	0	0.055577	0.30938	0.001886	0	5.08E-06	0.001891	0.005669	20.17466
1132.904	0.004649	0	0	0.004649	0.177652	0	0	0.177652	0.100088	0	0	0.100088	0	0	0	0.100088	0.113943	0	0	0.113943	0	0	0	0.113943	0.670043	0	0	0.670043	0.010684	0	0	0.010684	0.018405	100.727
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1314.421	5.650769	0	0	5.650769	0.268045	0	0	0.268045	0.997242	0	0	0.997242	0	0	0	0.997242	6.811367	0	0	6.811367	0	0	0	6.811367	13.1707	0	0	13.1707	0	0	0	0	0.697479	151.979
736.8576	0.104612	0	6.96E-06	0.104619	0.070397	0	0.000602	0.070999	0.77012	0	3.68E-05	0.770157	0.044703	0.031911	0.096976	0.943746	0.964181	0	4.03E-05	0.964221	0.044703	0.031911	0.096976	1.13781	27.60861	0	0.332645	27.94126	0.007077	0	0.000109	0.007186	0.011355	76.65372
64892.17	1.575123	0.104564	0	1.679687	9.930285	0.244434	0	10.17472	33.91196	2.251237	0	36.16319	0	0	0	36.16319	38.60618	2.562862	0	41.16904	0	0	0	41.16904	120.4735	6.103211	0	126.5767	0.596849	0.014691	0	0.611541	1.078717	5768.971
261.8219	0.680522	0.040456	0	0.720978	0.050668	0.002758	0	0.053427	0.075323	0.002877	0	0.0782	0	0	0	0.0782	0.769262	0.043908	0	0.81317	0	0	0	0.81317	1.373651	0.125127	0	1.498778	0	0	0	0	0.079812	30.29244
176863.7	8.794547	0	12.94334	21.73789	9.792164	0	3.517898	13.31006	45.56585	0	73.85338	119.4192	39.16996	16.51818	42.8534	217.9608	62.26081	0	80.80572	143.0665	39.16996	16.51818	42.8534	241.6081	1567.856	0	692.5568	2260.413	1.658954	0	0.065963	1.724917	17.98385	18398.75
468.4362	0.013056	0	0	0.013056	0.073448	0	0	0.073448	0.281096	0	0	0.281096	0	0	0	0.281096	0.320009	0	0	0.320009	0	0	0	0.320009	1.924332	0	0	1.924332	0.004417	0	0	0.004417	0.004586	41.64439
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23111.37	2.17481	0	2.142141	4.316951	2.04155	0	0.499584	2.541134	13.06921	0	12.97679	26.04599	9.187743	3.831709	10.01316	49.07861	16.77831	0	14.19201	30.97032	9.187743	3.831709	10.01316	54.00293	370.0119	0	135.5681	505.58	0.215341	0	0.01006	0.225401	2.472387	2404.227
45.1035	0.001127	0	0	0.001127	0.007072	0	0	0.007072	0.024262	0	0	0.024262	0	0	0	0.024262	0.02762	0	0	0.02762	0	0	0	0.02762	0.151309	0	0	0.151309	0.000425	0	0	0.000425	0.000301	4.009741
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81056.9	3.421856	0	5.144959	8.566815	5.049739	0	1.809598	6.859337	17.90397	0	29.26212	47.16609	11.2785	4.457428	12.39261	75.29463	24.42281	0	32.02698	56.44979	11.2785	4.457428	12.39261	84.57834	646.5377	0	276.0165	922.5542	0.760977	0	0.029556	0.790532	6.259411	8432.176
5.933633	0.000142	0	0	0.000142	0.00093	0	0	0.00093	0.003049	0	0	0.003049	0	0	0	0.003049	0.003471	0	0	0.003471	0	0	0	0.003471	0.018325	0	0	0.018325	5.6E-05	0	0	5.6E-05	4.01E-05	0.527505
21077.06	0.725924	0.077205	0.42929	1.232419	0.741008	0.001837	0.414206	1.157051	3.927213	0.306052	2.371701	6.604965	2.099499	0.734564	3.81703	13.25606	5.605846	0.445553	2.594883	8.646283	2.099499	0.734564	3.81703	15.29738	85.35791	2.38031	32.02985	119.7681	0.202391	0.000803	0.002366	0.205561	0.946879	2192.602
8087.38	0.197952	0.00205	0	0.200002	1.259008	0.009047	0	1.268055	4.261792	0.044131	0	4.305923	0	0	0	4.305923	4.851767	0.050241	0	4.902007	0	0	0	4.902007	14.34287	0.365785	0	14.70866	0.07572	0.000544	0	0.076264	0.423404	718.9752
2925.965	0.067859	0.009675	0.051418	0.128951	0.082155	0.00023	0.053898	0.136283	0.35273	0.037679	0.276995	0.667403	0.217159	0.074519	0.396493	1.355575	0.508697	0.054934	0.303188	0.866819	0.217159	0.074519	0.396493	1.55499	7.867996	0.293004	3.871044	12.03204	0.028101	0.000113	0.000322	0.028536	0.118763	304.3819
2687.985	0.050945	0.000545	0	0.05149	0.417655	0.003806	0	0.421461	1.096812	0.011741	0	1.108552	0	0	0	1.108552	1.248647	0.013366	0	1.262013	0	0	0	1.262013	3.576949	0.097314	0	3.674262	0.025119	0.000229	0	0.025348	0.116144	238.9642
1063.465	1.517743	0	0.442423	1.960165	0.271952	0	0.022624	0.294577	11.55733	0	3.515244	15.07257	4.228041	5.090776	5.199135	29.59052	13.08186	0	3.815719	16.89758	4.228041	5.090776	5.199135	31.41553	122.4002	0	13.50754	135.9078	0.009295	0	0.001076	0.010372	0.032595	110.63
82169.66	2.901438	0	4.956312	7.85775	4.246751	0	1.571367	5.818119	15.08396	0	28.43039	43.51435	7.890703	2.947477	8.122155	62.47468	20.6829	0	31.11898	51.80188	7.890703	2.947477	8.122155	70.76221	529.5278	0	215.0643	744.592	0.772589	0	0.028796	0.801385	5.209395	8547.934
92.13579	0.001329	0	0	0.001329	0.014446	0	0	0.014446	0.028608	0	0	0.028608	0	0	0	0.028608	0.032568	0	0	0.032568	0	0	0	0.032568	0.176884	0	0	0.176884	0.000869	0	0	0.000869	0.000537	8.190952
2821.734	0.121763	0	0.001521	0.123284	0.094693	0	0.000521	0.095214	0.779738	0	0.01012	0.789858	1.282143	0.559184	0.009318	2.640504	0.9832	0	0.011015	0.994216	1.282143	0.559184	0.009318	2.844861	25.36949	0	0.092646	25.46214	0.027511	0	8.33E-06	0.02752	0.060598	293.539
362.0796	0.002147	0	0	0.002147	0.056772	0	0	0.056772	0.046226	0	0	0.046226	0	0	0	0.046226	0.052625	0	0	0.052625	0	0	0	0.052625	0.184265	0	0	0.184265	0.003414	0	0	0.003414	0.01026	32.18919
5070.813	0.268549	0.012613	0.162614	0.443776	0.25716	0.000284	0.03566	0.293104	1.676204	0.064666	1.298159	3.039029	0.434193	0.224226	0.99928	4.696727	2.220718	0.089294	1.412157	3.722169	0.434193	0.224226	0.99928	5.379868	44.23237	0.91376	9.695008	54.84114	0.04813	0.000365	0.00096	0.049455	0.11027	527.5058
13165.97	0.273219	0.0246	0	0.297819	1.954048	0.1103	0	2.064348	5.88234	0.529621	0	6.411961	0	0	0	6.411961	6.696596	0.602934	0	7.29953	0	0	0	7.29953	16.40452	3.676181	0	20.0807	0.117446	0.006629	0	0.124075	0.30704	1170.466
6.906001	0.003394	0.002807	0	0.006201	0.001264	0.000145	0	0.001409	4.85E-05	4.01E-05	0	8.86E-05	0	0	0	8.86E-05	0.003464	0.002865	0	0.006328	0	0	0	0.006328	0.018222	0.002857	0	0.021079	0	0	0	0	0.007036	0.799015

1994.972	0.039015	0.003515	0.020431	0.062962	0.0611	8.62E-05	0.011318	0.072504	0.199283	0.014181	0.128148	0.341612	0.040309	0.017266	0.051663	0.45085	0.280999	0.020513	0.139887	0.441398	0.040309	0.017266	0.051663	0.550637	5.668846	0.109168	1.868766	7.64678	0.019239	7.44E-05	0.000143	0.019457	0.047299	207.5326
990.7889	0.031602	0.002024	0	0.033627	0.150425	0.004925	0	0.15535	0.680392	0.043579	0	0.723972	0	0	0	0.723972	0.774575	0.049612	0	0.824186	0	0	0	0.824186	1.949505	0.193256	0	2.142761	0.009041	0.000296	0	0.009337	0.01992	88.082
9.616639	0.005205	0.000897	0	0.006102	0.001916	4.64E-05	0	0.001962	7.44E-05	1.28E-05	0	8.72E-05	0	0	0	8.72E-05	0.005312	0.000916	0	0.006227	0	0	0	0.006227	0.027438	0.000913	0	0.028352	0	0	0	0	0.010618	1.112632
219.3539	0.049083	0.009241	0.003654	0.061978	0.023318	0.000253	0.000655	0.024226	0.341021	0.048644	0.027546	0.417211	0.036378	0.016463	0.031536	0.501589	0.429535	0.06808	0.029991	0.527607	0.036378	0.016463	0.031536	0.611984	8.401702	0.368387	0.343959	9.114048	0.001995	0.000129	1.55E-05	0.002139	0.007669	22.81892
644.7058	0.019609	0.002109	0	0.021718	0.0936	0.007486	0	0.101086	0.422175	0.045397	0	0.467572	0	0	0	0.467572	0.480614	0.051681	0	0.532295	0	0	0	0.532295	1.05745	0.291472	0	1.348923	0.005626	0.00045	0	0.006076	0.013621	57.31491
14.72633	0.037844	0.005974	0	0.043818	0.002696	0.000309	0	0.003005	0.000541	8.54E-05	0	0.000626	0	0	0	0.000626	0.038623	0.006097	0	0.044719	0	0	0	0.044719	0.136188	0.00608	0	0.142268	0	0	0	0	0.008389	1.703816
288.0892	0.001523	0	0.000868	0.002391	0.003741	0	0.000652	0.004393	0.006249	0	0.003922	0.010171	0.001728	0.000475	0.001215	0.013588	0.009119	0	0.004294	0.013413	0.001728	0.000475	0.001215	0.01683	0.12664	0	0.067221	0.193861	0.002803	0	7.07E-06	0.00281	0.007512	29.9693
979.321	0.003825	0	0	0.003825	0.153552	0	0	0.153552	0.082354	0	0	0.082354	0	0	0	0.082354	0.093754	0	0	0.093754	0	0	0	0.093754	0.546458	0	0	0.546458	0.009235	0	0	0.009235	0.015941	87.0625
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1427.185	5.523165	0	0	5.523165	0.291228	0	0	0.291228	0.952421	0	0	0.952421	0	0	0	0.952421	6.632158	0	0	6.632158	0	0	0	6.632158	14.86141	0	0	14.86141	0	0	0	0	0.738961	165.1234
712.8812	0.09992	0	8.46E-06	0.099929	0.06771	0	0.000573	0.068283	0.729741	0	4.5E-05	0.729786	0.041657	0.029795	0.092524	0.893762	0.916213	0	4.93E-05	0.916263	0.041657	0.029795	0.092524	1.080238	26.34194	0	0.315023	26.65697	0.006936	0	0.000101	0.007037	0.011193	75.05765
65247.9	1.544558	0.108935	0	1.653493	9.951171	0.278872	0	10.23004	33.25391	2.345333	0	35.59924	0	0	0	35.59924	37.85705	2.669983	0	40.52703	0	0	0	40.52703	119.3764	6.809717	0	126.1861	0.598105	0.016761	0	0.614866	1.20744	5800.338
321.7982	0.826673	0.054873	0	0.881546	0.062314	0.003704	0	0.066018	0.077191	0.003065	0	0.080256	0	0	0	0.080256	0.918169	0.058601	0	0.97677	0	0	0	0.97677	2.066099	0.166961	0	2.23306	0	0	0	0	0.107053	37.43164
176564.3	8.271614	0	12.20123	20.47284	9.329336	0	3.383445	12.71278	42.30678	0	68.95554	111.2623	37.76701	15.88204	40.09017	205.0015	58.09286	0	75.4521	133.545	37.76701	15.88204	40.09017	227.2842	1489.376	0	641.5186	2130.895	1.679129	0	0.063723	1.742853	17.54937	18590.06
526.146	0.012185	0	0	0.012185	0.082493	0	0	0.082493	0.262326	0	0	0.262326	0	0	0	0.262326	0.298641	0	0	0.298641	0	0	0	0.298641	1.861965	0	0	1.861965	0.004961	0	0	0.004961	0.005411	46.77277
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.181429	6.02E-07	0	4.09E-06	4.69E-06	7.49E-07	0	2.06E-06	2.81E-06	1.88E-06	0	1.64E-05	1.82E-05	1.49E-05	3.74E-06	3.54E-06	4.04E-05	2.74E-06	0	1.79E-05	2.06E-05	1.49E-05	3.74E-06	3.54E-06	4.29E-05	0.000282	0	0.000125	0.000407	1.72E-06	0	6.99E-08	1.79E-06	1.2E-05	0.019102
22680.1	2.013498	0	1.998623	4.01212	1.925235	0	0.4715	2.396734	11.85726	0	12.00086	23.85812	8.731606	3.583455	9.429678	45.60286	15.36695	0	13.12651	28.49346	8.731606	3.583455	9.429678	50.2382	344.4762	0	124.4282	468.9044	0.214353	0	0.009521	0.223874	2.393683	2387.937
43.51883	0.001071	0	0	0.001071	0.006823	0	0	0.006823	0.023054	0	0	0.023054	0	0	0	0.023054	0.026245	0	0	0.026245	0	0	0	0.026245	0.143291	0	0	0.143291	0.00041	0	0	0.00041	0.00029	3.86869
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81404.21	3.343704	0	4.950954	8.294658	4.914027	0	1.745801	6.659828	17.4569	0	27.98232	45.43923	11.27806	4.54411	11.95431	73.21571	23.81064	0	30.6264	54.43704	11.27806	4.54411	11.95431	82.21353	631.6588	0	260.5682	892.227	0.774603	0	0.028932	0.803535	6.185935	8570.865
6.202375	0.000139	0	0	0.000139	0.000972	0	0	0.000972	0.002995	0	0	0.002995	0	0	0	0.002995	0.00341	0	0	0.00341	0	0	0	0.00341	0.017691	0	0	0.017691	5.85E-05	0	0	5.85E-05	4.27E-05	0.551372
19961.61	0.66699	0.074177	0.417491	1.158658	0.703483	0.001754	0.406461	1.111698	3.595465	0.293854	2.290711	6.180029	2.072343	0.736061	3.71875	12.70718	5.130241	0.427885	2.506357	8.064483	2.072343	0.736061	3.71875	14.59164	78.27485	2.284788	29.91021	110.4698	0.194016	0.00077	0.002253	0.19704	0.909426	2101.713
8049.281	0.201714	0.002028	0	0.203742	1.253076	0.008949	0	1.262025	4.342786	0.043651	0	4.386438	0	0	0	4.386438	4.943974	0.049694	0	4.993668	0	0	0	4.993668	14.55169	0.361805	0	14.91349	0.075363	0.000538	0	0.075902	0.421572	715.5564
2858.985	0.064393	0.009578	0.051116	0.125087	0.08022	0.000227	0.054687	0.135134	0.333495	0.037232	0.273433	0.644159	0.222809	0.077879	0.399428	1.344276	0.480797	0.054284	0.299292	0.834373	0.222809	0.077879	0.399428	1.534489	7.458257	0.289425	3.752098	11.49978	0.027792	0.000112	0.000317	0.028221	0.118177	301.016
2700.095	0.052161	0.000543	0	0.052704	0.419545	0.003796	0	0.423341	1.122988	0.01169	0	1.134678	0	0	0	1.134678	1.278447	0.013308	0	1.291756	0	0	0	1.291756	3.631888	0.096894	0	3.728781	0.025233	0.000228	0	0.025461	0.116957	240.0302
1015.869	1.430066	0	0.424318	1.854384	0.258738	0	0.021576	0.280314	10.83151	0	3.362231	14.19374	4.076487	5.146701	5.262826	28.67976	12.29016	0	3.649854	15.94001	4.076487	5.146701	5.262826	30.42603	115.2045	0	13.20071	128.4052	0.008992	0	0.001036	0.010028	0.032086	106.9586
81357.74	2.862161	0	4.846112	7.708272	4.229476	0	1.5361	5.765576	14.73738	0	27.71587	42.45325	7.957636	3.053383	8.024211	61.48848	20.2841	0	30.33764	50.62174	7.957636	3.053383	8.024211	69.65697	519.3073	0	205.7065	725.0139	0.77498	0	0.028096	0.803076	5.151591	8565.972
133.343	0.001273	0	0	0.001273	0.020906	0	0	0.020906	0.027411	0	0	0.027411	0	0	0	0.027411	0.031206	0	0	0.031206	0	0	0	0.031206	0.179958	0	0	0.179958	0.001257	0	0	0.001257	0.000804	11.85379
2673.52	0.113178	0	0.001401	0.114579	0.089209	0	0.000496	0.089704	0.720535	0	0.009229	0.729764	1.222775	0.533489	0.008968	2.494996	0.910718	0	0.010047	0.920765	1.222775	0.533489	0.008968	2.685996	23.25834	0	0.086907	23.34524	0.026382	0	7.74E-06	0.02639	0.058446	281.4889
357.1542	0.002136	0	0	0.002136	0.055997	0	0	0.055997	0.045983	0	0	0.045983	0	0	0	0.045983	0.052348	0	0	0.052348	0	0	0	0.052348	0.182857	0	0	0.182857	0.003368	0	0	0.003368	0.010232	31.74991
4844.312	0.25007	0.012032	0.151945	0.414046	0.240977	0.000266	0.034081	0.275324	1.559952	0.061017	1.205145	2.826115	0.40774	0.208848	0.945169	4.387873	2.062915	0.08457	1.311043	3.458528	0.40774	0.208848	0.945169	5.020286	41.03977	0.864337	9.230118	51.13423	0.046584	0.000345	0.00089	0.047818	0.107281	510.0467
13216.44	0.273106	0.023671	0	0.296776	1.961616	0.110554	0	2.07217	5.879889	0.509623	0	6.389512	0	0	0	6.389512	6.693806	0.580167	0	7.273973	0	0	0	7.273973	16.45818	3.559861	0	20.01805	0.117901	0.006645	0	0.124546	0.317849	1174.901
12.64533	0.006204	0.0052	0	0.011404	0.002326	0.000269	0	0.002594	8.86E-05	7.43E-05	0	0.000163	0	0	0	0.000163	0.006332	0.005307	0	0.011639	0	0	0	0.011639	0.033517	0.005292	0	0.038809	0	0	0	0	0.013018	1.470908
1995.337	0.038192	0.003529	0.019836	0.061557	0.059511	8.71E-05	0.011252	0.07085	0.194694	0.014117	0.122911	0.331722	0.039546	0.01685	0.050562	0.438681	0.274893	0.020443	0.134193	0.429529	0.039546	0.01685	0.050562	0.536487	5.402094	0.10875	1.855323	7.366166	0.019481	7.4E-05	0.000141	0.019696	0.047928	210.0846
989.6427	0.030678	0.001962	0	0.03264	0.150011	0.005152	0	0.155163	0.660488	0.042232	0	0.70272	0	0	0	0.70272	0.751916	0.048078	0	0.799994	0	0	0	0.799994	1.887304	0.19176	0	2.079064	0.009016	0.00031	0	0.009326	0.02039	87.9762
15.73681	0.008771	0.00138	0	0.010151	0.003157	7.13E-05	0	0.003228	0.000125	1.97E-05	0	0.000145	0	0	0	0.000145	0.008952	0.001408	0	0.01036	0	0	0	0.01036	0.04507	0.001404	0	0.046474	0	0	0	0	0.01723	1.830509
227.5322	0.048931	0.009524	0.003605	0.06206	0.023359	0.000268	0.000692	0.024318	0.3404	0.049376	0.02701	0.416786	0.035781	0.016446	0.031094	0.500108	0.427637	0.069233	0.029408	0.526278	0.035781	0.016446	0.031094	0.609599	8.395183	0.374023	0.334464	9.10367	0.0021	0.00013	1.54E-05	0.002246	0.008224	23.95635
638.3316	0.018954	0.001859	0	0.020813	0.092321	0.007762	0	0.100082	0.408068	0.040021	0	0.44809	0	0	0	0.44809	0.464555	0.045561	0	0.510116	0	0	0	0.510116	1.028405	0.275822	0	1.304228	0.005549	0.000467	0	0.006015	0.013809	56.74573
28.78912	0.074473	0.011913	0	0.086385	0.005291	0.000615	0	0.005906	0.001064	0.00017	0	0.001234	0	0	0	0.001234	0.076005	0.012158	0	0.088163	0	0	0	0.088163	0.268672	0.012124	0	0.280796	0	0	0	0	0.016073	3.348757
330.1212	0.001228	0	0.000902	0.00213	0.003654	0	0.000695	0.004349	0.004521	0	0.003953	0.008475	0.001639	0.000449	0.00101	0.011572	0.006598	0	0.004328	0.010926	0.001639	0.000449	0.00101	0.014024	0.092893	0	0.068489	0.161382	0.003251	0	7.49E-06	0.003259	0.008506	34.75772
912.4636	0.003746	0	0	0.003746	0.143063	0	0	0.143063	0.080657	0	0	0.080657	0	0	0	0.080657	0.091822	0	0	0.091822	0	0	0	0.091822	0.498411	0	0	0.498411	0.008604	0	0	0.008604	0.015171	81.11522
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1463.951	5.207299	0	0	5.207299	0.300335	0	0	0.300335	0.877342	0	0	0.877342	0	0	0	0.877342	6.229358	0	0	6.229358	0	0	0	6.229358	15.26316	0	0	15.26316	0	0	0	0	0.749785	170.2871
677.3814	0.091952	0	1.23E-05	0.091965	0.063182	0	0.000565	0.063748	0.669211	0	6.57E-05	0.669277	0.038531	0.026751	0.08532	0.819879	0.842057	0	7.2E-05	0.842129	0.038531	0.026751	0.08532	0.992731	24.31255	0	0.302098	24.61465	0.006613	0	9.28E-05	0.006706	0.010751	71.53209
66246.33	1.50017	0.10803	0	1.6082	10.08432	0.306004	0	10.39032	32.29824	2.325853	0	34.6241	0	0	0	34.6241	36.76909	2.647806	0	39.4169	0	0	0	39.4169	117.1451	7.611276	0	124.7564	0.606107	0.018392	0	0.624499	1.620104	5891.214
407.0181	1.01463	0.076893	0	1.091524	0.07866	0.00503	0	0.08369	0.078959	0.003338	0	0.082297	0	0	0	0.082297	1.108948	0.081027	0	1.189975	0	0	0	1.189975	3.032207	0.214936	0	3.247143	0	0	0	0	0.147459	47.45127
173662	7.438417	0	11.45734	18.89576	8.51329	0	3.25732	11.77061	37.67101	0	64.24825	101.9193	36.2788	14.69479	36.46046	189.3533	51.95543	0	70.3054	122.2608	36.2788	14.69479	36.46046	209.6949	1358.561	0	593.0614	1951.622	1.657326	0	0.061976	1.719302	16.59511	18338.86
621.8128	0.011037	0	0	0.011037	0.097527	0	0	0.097527	0.237625	0	0	0.237625	0	0	0	0.237625	0.27052	0	0	0.27052	0	0	0	0.27052	1.773109	0	0	1.773109	0.005866	0	0	0.005866	0.006702	55.29714
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.304205	3.09E-05	0	0.000209	0.00024	3.85E-05	0	0.000106	0.000144	9.62E-05	0	0.000835	0.000931	0.000765	0.000191	0.000181	0.002068	0.00014	0	0.000914	0.001054	0.000765	0.000191	0.000181	0.002192	0.014476	0	0.006397	0.020873	8.84E-05	0	3.72E-06	9.21E-05	0.000615	0.982532
20997.02	1.811041	0	1.840426	3.651467	1.734851	0	0.436028	2.170879	10.59007	0	11.02497	21.61504	8.3096	3.297366	8.634123	41.85613	13.78107	0	12.05983	25.8409	8.3096	3.297366	8.634123	46.08199	309.3524	0	112.9547	422.3071	0.199056	0	0.00882	0.207876	2.186028	2217.304
40.79231	0.000993	0	0	0.000993	0.006398	0	0	0.006398	0.021379	0	0	0.021379	0	0	0	0.021379	0.024339	0	0	0.024339	0	0	0	0.024339	0.132935	0	0	0.132935	0.000385	0	0	0.000385	0.000271	3.627616
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81486.75	3.12475	0	4.776137	7.900886	4.606822	0	1.694455	6.301276	16.21326	0	26.83837	43.05163	11.34872	4.436524	11.32813	70.165	22.17769	0	29.37509	51.55278	11.34872	4.436524	11.32813	78.66615	595.093	0	247.5994	842.6924	0.777954	0	0.028787	0.806742	5.99708	8605.074
7.258326	0.000144	0	0	0.000144	0.001138	0	0	0.001138	0.003107	0	0	0.003107	0	0	0	0.003107	0.003537	0	0	0.003537	0	0	0	0.003537	0.018765	0	0	0.018765	6.85E-05	0	0	6.85E-05	5.11E-05	0.645475
18545.47	0.587862	0.071119	0.401184	1.060165	0.639832	0.001675	0.397153	1.03866	3.156221	0.281963	2.189678	5.627862	2.008328	0.701928	3.491219	11.82934	4.506483	0.410652	2.395972	7.313107	2.008328	0.701928	3.491219	13.51458	68.7626	2.191638	27.91557	98.86981	0.180723	0.000737	0.002145	0.183605	0.850156	1958.418
7863.886	0.195571	0.002	0	0.197571	1.224574	0.008827	0	1.233401	4.210519	0.04306	0	4.253579	0	0	0	4.253579	4.793396	0.049021	0	4.842417	0	0	0	4.842417	14.0201	0.356903	0	14.377	0.073649	0.000531	0	0.07418	0.518871	699.3268
2786.257	0.059058	0.009609	0.051176	0.119842	0.075425	0.000228	0.055998	0.13165	0.305314	0.037312	0.272549	0.615175	0.225165	0.077467	0.388275	1.306082	0.439841	0.054401	0.298326	0.792568	0.225165	0.077467	0.388275	1.483475	6.896786	0.2899	3.686051	10.87274	0.027157	0.000112	0.000315	0.027585	0.116767	294.2312
2733.004	0.050993	0.000546	0	0.051538	0.424831	0.003823	0	0.428655	1.09784	0.011753	0	1.109593	0	0	0	1.109593	1.249818	0.01338	0	1.263198	0	0	0	1.263198	3.497796	0.097413	0	3.595209	0.025551	0.00023	0	0.02578	0.172348	243.0431
987.6775	1.342748	0	0.41705	1.759798	0.245988	0	0.021091	0.267079	10.11482	0	3.299009	13.41383	4.043274	5.21347	5.340413	28.01099	11.5078	0	3.581451	15.08925	4.043274	5.21347	5.340413	29.6864	107.991	0	13.23747	121.2284	0.008755	0	0.001023	0.009778	0.031964	104.2996
79175.69	2.689917	0	4.683242	7.373159	4.008491	0	1.488222	5.496714	13.76461	0	26.75594	40.52055	7.964971	3.031217	7.685944	59.20268	19.00588	0	29.28752	48.29339	7.964971	3.031217	7.685944	66.97553	488.3245	0	195.6242	683.9486	0.756328	0	0.027533	0.783862	4.920642	8361.024
206.2568	0.0012	0	0	0.0012	0.03235	0	0	0.03235	0.025826	0	0	0.025826	0	0	0	0.025826	0.029401	0	0	0.029401	0	0	0	0.029401	0.189067	0	0	0.189067	0.001946	0	0	0.001946	0.001293	18.34219
2477.681	0.099954	0	0.001281	0.101235	0.080102	0	0.000473	0.080575	0.632497	0	0.008336	0.640833	1.143133	0.487845	0.008261	2.280072	0.801121	0	0.009076	0.810197	1.143133	0.487845	0.008261	2.449435	20.28022	0	0.080578	20.36079	0.024523	0	7.17E-06	0.02453	0.054698	261.6453
343.7662	0.002073	0	0	0.002073	0.053918	0	0	0.053918	0.044621	0	0	0.044621	0	0	0	0.044621	0.050799	0	0	0.050799	0	0	0	0.050799	0.176847	0	0	0.176847	0.003243	0	0	0.003243	0.011412	30.57076
4786.47	0.223517	0.012062	0.140256	0.375835	0.21974	0.000274	0.033687	0.253701	1.386115	0.059609	1.099485	2.545209	0.380263	0.187759	0.868623	3.981854	1.836568	0.08306	1.196321	3.115949	0.380263	0.187759	0.868623	4.552594	36.4231	0.847201	8.902076	46.17238	0.04621	0.000337	0.000841	0.047387	0.107328	505.4555
13389.51	0.272004	0.022307	0	0.294311	1.989555	0.110506	0	2.100061	5.856182	0.480257	0	6.336439	0	0	0	6.336439	6.666818	0.546736	0	7.213554	0	0	0	7.213554	16.46506	3.433206	0	19.89826	0.11958	0.006642	0	0.126222	0.401312	1190.715
17.26397	0.008565	0.007156	0	0.015721	0.00318	0.00037	0	0.00355	0.000122	0.000102	0	0.000225	0	0	0	0.000225	0.008741	0.007304	0	0.016045	0	0	0	0.016045	0.045773	0.007284	0	0.053057	0	0	0	0	0.017713	2.01268
1864.812	0.034883	0.003388	0.018557	0.056828	0.054247	8.42E-05	0.010663	0.064994	0.177579	0.013511	0.114092	0.305182	0.03748	0.015633	0.046695	0.40499	0.251187	0.019579	0.124586	0.395351	0.03748	0.015633	0.046695	0.495159	4.821485	0.104119	1.773509	6.699114	0.018258	7.08E-05	0.000134	0.018462	0.04493	196.9258
1002.528	0.030202	0.001796	0	0.031998	0.152104	0.005137	0	0.15724	0.65024	0.038662	0	0.688902	0	0	0	0.688902	0.740249	0.044013	0	0.784263	0	0	0	0.784263	1.854263	0.184613	0	2.038876	0.009142	0.000309	0	0.009451	0.026063	89.15371
17.77403	0.009941	0.001469	0	0.01141	0.003579	7.59E-05	0	0.003655	0.000142	2.1E-05	0	0.000163	0	0	0	0.000163	0.010146	0.001499	0	0.011645	0	0	0	0.011645	0.05109	0.001495	0	0.052585	0	0	0	0	0.019531	2.072144
231.0684	0.044972	0.009955	0.003563	0.058489	0.022077	0.00029	0.000755	0.023122	0.314134	0.050674	0.026478	0.391287	0.033874	0.015656	0.028958	0.469775	0.391899	0.071203	0.028831	0.491933	0.033874	0.015656	0.028958	0.570422	7.847658	0.383867	0.325875	8.5574	0.00214	0.000133	1.53E-05	0.002288	0.008623	24.40103
639.4386	0.018397	0.001719	0	0.020115	0.092344	0.007948	0	0.100292	0.396077	0.036999	0	0.433076	0	0	0	0.433076	0.450903	0.042121	0	0.493024	0	0	0	0.493024	1.001917	0.267275	0	1.269192	0.00555	0.000478	0	0.006028	0.016232	56.86458
42.4732	0.110636	0.017035	0	0.127672	0.007853	0.00088	0	0.008733	0.001581	0.000243	0	0.001824	0	0	0	0.001824	0.112913	0.017386	0	0.130298	0	0	0	0.130298	0.399432	0.017338	0	0.41677	0	0	0	0	0.023686	4.95164
350.6472	0.001187	0	0.000996	0.002183	0.003798	0	0.000759	0.004557	0.004303	0	0.004318	0.008621	0.001661	0.000462	0.001003	0.011746	0.006278	0	0.004728	0.011006	0.001661	0.000462	0.001003	0.014132	0.088857	0	0.074608	0.163466	0.003463	0	8.27E-06	0.003472	0.00895	37.02866
833.4853	0.003403	0	0	0.003403	0.130727	0	0	0.130727	0.073259	0	0	0.073259	0	0	0	0.073259	0.0834	0	0	0.0834	0	0	0	0.0834	0.428694	0	0	0.428694	0.007862	0	0	0.007862	0.01433	74.12094
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1384.478	4.458521	0	0	4.458521	0.284672	0	0	0.284672	0.730579	0	0	0.730579	0	0	0	0.730579	5.310149	0	0	5.310149	0	0	0	5.310149	14.67856	0	0	14.67856	0	0	0	0	0.697773	161.4061
628.3291	0.081715	0	4.04E-06	0.081719	0.057827	0	0.00048	0.058307	0.586208	0	2.15E-05	0.58623	0.033858	0.022079	0.075028	0.717196	0.743136	0	2.36E-05	0.74316	0.033858	0.022079	0.075028	0.874126	21.20322	0	0.279751	21.48297	0.006124	0	8.04E-05	0.006204	0.010082	66.17415
65723.31	1.323369	0.104365	0	1.427734	9.949835	0.359156	0	10.30899	28.49176	2.246959	0	30.73872	0	0	0	30.73872	32.4357	2.557992	0	34.99369	0	0	0	34.99369	104.4408	8.683874	0	113.1247	0.598024	0.021587	0	0.619611	2.17396	5845.101
499.8421	1.193142	0.100618	0	1.293761	0.096194	0.006475	0	0.102669	0.078908	0.003631	0	0.082539	0	0	0	0.082539	1.288169	0.105187	0	1.393355	0	0	0	1.393355	4.05497	0.268964	0	4.323934	0	0	0	0	0.195495	58.21237
174842.9	6.689482	0	10.8262	17.51568	7.811703	0	3.174216	10.98592	33.43141	0	60.08964	93.52105	35.15224	13.65946	33.5132	175.8459	46.36077	0	65.75959	112.1204	35.15224	13.65946	33.5132	194.4453	1248.007	0	551.9867	1799.993	1.665239	0	0.061112	1.726351	15.97302	18414.04
722.4438	0.010144	0	0	0.010144	0.113318	0	0	0.113318	0.218391	0	0	0.218391	0	0	0	0.218391	0.248624	0	0	0.248624	0	0	0	0.248624	1.720213	0	0	1.720213	0.006815	0	0	0.006815	0.008099	64.25052
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89.56611	0.000297	0	0.001998	0.002295	0.000371	0	0.001011	0.001381	0.000923	0	0.007977	0.0089	0.007308	0.001824	0.001727	0.019758	0.001347	0	0.008733	0.01008	0.007308	0.001824	0.001727	0.020939	0.139189	0	0.061148	0.200338	0.00085	0	3.41E-05	0.000884	0.005927	9.432893
20322.93	1.64138	0	1.715276	3.356656	1.579776	0	0.411742	1.991518	9.52068	0	10.22994	19.75062	7.969693	3.064699	7.97678	38.76179	12.44317	0	11.19086	23.63403	7.969693	3.064699	7.97678	42.6452	281.2161	0	103.7141	384.9302	0.192271	0	0.008392	0.200663	2.046014	2140.364
39.01445	0.000921	0	0	0.000921	0.00612	0	0	0.00612	0.019835	0	0	0.019835	0	0	0	0.019835	0.022581	0	0	0.022581	0	0	0	0.022581	0.123895	0	0	0.123895	0.000368	0	0	0.000368	0.000258	3.469749
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81962.67	2.88971	0	4.582319	7.472028	4.292681	0	1.642243	5.934923	14.88019	0	25.56593	40.44612	11.32054	4.296054	10.6876	66.75031	20.41512	0	27.98311	48.39823	11.32054	4.296054	10.6876	74.70242	556.4528	0	233.6896	790.1424	0.780694	0	0.028583	0.809277	5.816426	8632.117
45.57566	0.000233	0	0	0.000233	0.007149	0	0	0.007149	0.005006	0	0	0.005006	0	0	0	0.005006	0.005699	0	0	0.005699	0	0	0	0.005699	0.032344	0	0	0.032344	0.00043	0	0	0.00043	0.000376	4.05327
17415.17	0.518643	0.068346	0.385632	0.972621	0.581621	0.001605	0.388762	0.971988	2.775114	0.270991	2.094805	5.14091	1.943335	0.671274	3.276579	11.0321	3.962889	0.394725	2.292263	6.649877	1.943335	0.671274	3.276579	12.54106	60.60432	2.105562	26.12674	88.83661	0.169199	0.000707	0.002046	0.171953	0.800318	1834.125
7619.998	0.189877	0.001969	0	0.191846	1.186542	0.008688	0	1.19523	4.08795	0.042381	0	4.13033	0	0	0	4.13033	4.653859	0.048248	0	4.702106	0	0	0	4.702106	13.53781	0.351273	0	13.88908	0.071362	0.000523	0	0.071884	0.581983	677.6843
2757.152	0.054264	0.009705	0.051298	0.115266	0.071223	0.00023	0.057617	0.12907	0.278989	0.037621	0.271492	0.588102	0.226751	0.076557	0.377319	1.268728	0.402549	0.05486	0.297184	0.754593	0.226751	0.076557	0.377319	1.43522	6.353476	0.292204	3.654892	10.30057	0.026795	0.000113	0.000316	0.027223	0.116459	290.3768
2801.994	0.050298	0.000556	0	0.050854	0.435603	0.003902	0	0.439505	1.082893	0.011973	0	1.094866	0	0	0	1.094866	1.232802	0.013631	0	1.246432	0	0	0	1.246432	3.407869	0.099239	0	3.507108	0.026198	0.000235	0	0.026433	0.230059	249.1953
984.9745	1.274259	0	0.41051	1.684769	0.237222	0	0.020668	0.25789	9.529724	0	3.239181	12.76891	4.015264	5.312902	5.449156	27.54623	10.87568	0	3.516748	14.39242	4.015264	5.312902	5.449156	29.16975	102.0783	0	13.30345	115.3817	0.008712	0	0.001013	0.009725	0.032713	103.7352
78105.37	2.520351	0	4.523926	7.044277	3.791238	0	1.444884	5.236122	12.81836	0	25.79216	38.61052	8.099314	3.034637	7.456956	57.20143	17.74888	0	28.23307	45.98195	8.099314	3.034637	7.456956	64.57286	459.1675	0	186.0233	645.1908	0.744068	0	0.027123	0.771191	4.72827	8225.875
324.281	0.00132	0	0	0.00132	0.050865	0	0	0.050865	0.028427	0	0	0.028427	0	0	0	0.028427	0.032363	0	0	0.032363	0	0	0	0.032363	0.239987	0	0	0.239987	0.003059	0	0	0.003059	0.002088	28.83993
2345.823	0.087659	0	0.001169	0.088828	0.072401	0	0.000459	0.07286	0.548779	0	0.007477	0.556257	1.075201	0.445839	0.007646	2.084942	0.697927	0	0.008142	0.706069	1.075201	0.445839	0.007646	2.234755	17.48743	0	0.07558	17.56301	0.023155	0	6.67E-06	0.023162	0.052092	247.0566
335.2966	0.002038	0	0	0.002038	0.052593	0	0	0.052593	0.043867	0	0	0.043867	0	0	0	0.043867	0.049939	0	0	0.049939	0	0	0	0.049939	0.173509	0	0	0.173509	0.003163	0	0	0.003163	0.012703	29.8196
4695.556	0.20061	0.011971	0.128802	0.341383	0.201771	0.000276	0.033139	0.235187	1.231393	0.057964	0.995794	2.285151	0.354228	0.167499	0.798158	3.605036	1.639188	0.081194	1.083775	2.804158	0.354228	0.167499	0.798158	4.124043	32.26806	0.826739	8.711849	41.80665	0.045242	0.000327	0.000794	0.046363	0.105788	494.525
13212.33	0.258739	0.021027	0	0.279767	1.961947	0.110466	0	2.072413	5.570581	0.452716	0	6.023297	0	0	0	6.023297	6.341683	0.515383	0	6.857065	0	0	0	6.857065	15.74074	3.328509	0	19.06925	0.117921	0.006639	0	0.12456	0.512147	1175.039
23.0118	0.011358	0.008834	0	0.020192	0.00427	0.000456	0	0.004727	0.000162	0.000126	0	0.000289	0	0	0	0.000289	0.011591	0.009016	0	0.020607	0	0	0	0.020607	0.061497	0.008991	0	0.070488	0	0	0	0	0.024022	2.679989
1814.471	0.032042	0.003355	0.017609	0.053006	0.049827	8.44E-05	0.010499	0.060411	0.162376	0.013293	0.106578	0.282247	0.036107	0.014588	0.043695	0.376637	0.230393	0.019283	0.116413	0.36609	0.036107	0.014588	0.043695	0.460479	4.31436	0.102512	1.730718	6.14759	0.017717	6.96E-05	0.000129	0.017916	0.043618	191.0958
990.9391	0.027564	0.00169	0	0.029254	0.150034	0.005399	0	0.155433	0.593438	0.036383	0	0.629821	0	0	0	0.629821	0.675585	0.041419	0	0.717004	0	0	0	0.717004	1.687123	0.183714	0	1.870837	0.009018	0.000325	0	0.009342	0.035716	88.12915
18.98216	0.010628	0.001668	0	0.012297	0.003813	8.62E-05	0	0.003899	0.000152	2.38E-05	0	0.000176	0	0	0	0.000176	0.010847	0.001703	0	0.01255	0	0	0	0.01255	0.054405	0.001698	0	0.056103	0	0	0	0	0.020759	2.21069
229.6519	0.04047	0.010068	0.00336	0.053898	0.020623	0.0003	0.000785	0.021707	0.280708	0.050451	0.024718	0.355877	0.031479	0.01425	0.026552	0.428158	0.351139	0.071141	0.026918	0.449198	0.031479	0.01425	0.026552	0.52148	7.023431	0.382887	0.31335	7.719669	0.002121	0.000132	1.49E-05	0.002268	0.008768	24.18641
635.2302	0.014065	0.001266	0	0.015331	0.091378	0.008261	0	0.099639	0.30282	0.027263	0	0.330082	0	0	0	0.330082	0.344737	0.031036	0	0.375774	0	0	0	0.375774	0.76371	0.206663	0	0.970374	0.005492	0.000496	0	0.005989	0.019129	56.49419
46.72836	0.121664	0.018661	0	0.140325	0.008634	0.000964	0	0.009598	0.001738	0.000267	0	0.002005	0	0	0	0.002005	0.124167	0.019045	0	0.143212	0	0	0	0.143212	0.439324	0.018993	0	0.458317	0	0	0	0	0.025995	5.442055
375.1691	0.001257	0	0.001062	0.002319	0.004251	0	0.000806	0.005058	0.004581	0	0.004568	0.009149	0.001819	0.00051	0.001016	0.012493	0.006684	0	0.005001	0.011685	0.001819	0.00051	0.001016	0.01503	0.10315	0	0.07828	0.181431	0.003696	0	8.73E-06	0.003704	0.009663	39.51193
790.3035	0.0031	0	0	0.0031	0.123963	0	0	0.123963	0.066736	0	0	0.066736	0	0	0	0.066736	0.075974	0	0	0.075974	0	0	0	0.075974	0.38328	0	0	0.38328	0.007455	0	0	0.007455	0.016504	70.28562
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1457.777	4.342128	0	0	4.342128	0.299432	0	0	0.299432	0.697685	0	0	0.697685	0	0	0	0.697685	5.155752	0	0	5.155752	0	0	0	5.155752	15.85118	0	0	15.85118	0	0	0	0	0.725503	169.7749
540.7889	0.070452	0	1.78E-06	0.070453	0.049588	0	0.000505	0.050093	0.502665	0	9.42E-06	0.502675	0.029088	0.017745	0.064429	0.613937	0.640242	0	1.03E-05	0.640252	0.029088	0.017745	0.064429	0.751515	17.93039	0	0.2422	18.17259	0.005297	0	6.76E-05	0.005365	0.008764	57.22049
69248.76	1.066112	0.087588	0	1.1537	10.45781	0.412217	0	10.87002	22.9531	1.885742	0	24.83885	0	0	0	24.83885	26.13036	2.146774	0	28.27713	0	0	0	28.27713	85.56305	9.117847	0	94.6809	0.628555	0.024776	0	0.653331	3.154159	6163.201
796.3517	1.620383	0.172024	0	1.792407	0.152236	0.010402	0	0.162639	0.088578	0.0048	0	0.093378	0	0	0	0.093378	1.728261	0.178231	0	1.906493	0	0	0	1.906493	6.623277	0.37788	0	7.001157	0	0	0	0	0.36845	92.21459
176013.1	6.030758	0	10.24579	16.27655	7.13949	0	3.10504	10.24453	29.98688	0	56.32241	86.30929	34.41031	13.08413	31.10859	164.9123	41.63218	0	61.63802	103.2702	34.41031	13.08413	31.10859	181.8732	1144.893	0	514.9035	1659.796	1.685211	0	0.060807	1.746018	15.45693	18623.82
845.7697	0.009429	0	0	0.009429	0.132761	0	0	0.132761	0.203004	0	0	0.203004	0	0	0	0.203004	0.231106	0	0	0.231106	0	0	0	0.231106	1.699127	0	0	1.699127	0.007985	0	0	0.007985	0.009859	75.27425
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
240.9377	0.000802	0	0.00545	0.006252	0.001001	0	0.002754	0.003755	0.002495	0	0.021787	0.024281	0.019962	0.004978	0.004716	0.053937	0.00364	0	0.023854	0.027494	0.019962	0.004978	0.004716	0.05715	0.37637	0	0.167034	0.543404	0.002299	0	9.14E-05	0.00239	0.016034	25.49344
19802.83	1.488313	0	1.610508	3.098821	1.443797	0	0.393771	1.837568	8.552571	0	9.553187	18.10576	7.719401	2.87354	7.451266	36.14997	11.2314	0	10.45119	21.68259	7.719401	2.87354	7.451266	39.72679	256.6121	0	95.82551	352.4376	0.188353	0	0.008087	0.19644	1.93806	2095.323
38.28609	0.000856	0	0	0.000856	0.00601	0	0	0.00601	0.018425	0	0	0.018425	0	0	0	0.018425	0.020975	0	0	0.020975	0	0	0	0.020975	0.115368	0	0	0.115368	0.000361	0	0	0.000361	0.000254	3.407496
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83287.48	2.663511	0	4.424946	7.088457	3.985521	0	1.60912	5.594641	13.60602	0	24.43978	38.0458	11.37069	4.202733	10.19024	63.80946	18.71219	0	26.75115	45.46334	11.37069	4.202733	10.19024	71.227	520.9627	0	222.1933	743.1559	0.79736	0	0.028837	0.826197	5.714961	8812.588
79.43827	0.000335	0	0	0.000335	0.012469	0	0	0.012469	0.007217	0	0	0.007217	0	0	0	0.007217	0.008216	0	0	0.008216	0	0	0	0.008216	0.048035	0	0	0.048035	0.00075	0	0	0.00075	0.000669	7.070076
16608.1	0.463453	0.067012	0.376671	0.907136	0.532945	0.001575	0.389394	0.923914	2.476083	0.265299	2.037678	4.77906	1.890426	0.647429	3.105898	10.42281	3.53185	0.38645	2.229786	6.148086	1.890426	0.647429	3.105898	11.79184	54.32404	2.060325	25.08183	81.4662	0.162067	0.000691	0.001992	0.164749	0.77414	1757.291
7676.714	0.186796	0.001986	0	0.188782	1.196254	0.008764	0	1.205019	4.021614	0.042752	0	4.064367	0	0	0	4.064367	4.578341	0.048671	0	4.627011	0	0	0	4.627011	13.22024	0.354353	0	13.57459	0.071946	0.000527	0	0.072473	0.707558	683.2343
2722.258	0.0494	0.009848	0.051488	0.110736	0.066693	0.000234	0.059403	0.126331	0.253072	0.038071	0.270972	0.562115	0.226054	0.075401	0.363934	1.227505	0.365087	0.055519	0.29662	0.717226	0.226054	0.075401	0.363934	1.382615	5.832879	0.295547	3.641612	9.770037	0.026573	0.000114	0.000318	0.027004	0.116919	288.0402
2910.916	0.050094	0.000576	0	0.05067	0.452878	0.004051	0	0.456928	1.078491	0.012409	0	1.090901	0	0	0	1.090901	1.227791	0.014127	0	1.241918	0	0	0	1.241918	3.351244	0.102855	0	3.454099	0.027237	0.000244	0	0.027481	0.289718	259.0741
977.5671	1.211425	0	0.402511	1.613936	0.229399	0	0.020196	0.249595	8.985069	0	3.165594	12.15066	3.976771	5.406124	5.552106	27.08566	10.28953	0	3.437129	13.72666	3.976771	5.406124	5.552106	28.66167	96.5451	0	13.34657	109.8917	0.008696	0	0.001001	0.009697	0.033549	103.4357
75722.94	2.342134	0	4.345016	6.68715	3.551954	0	1.397584	4.949539	11.85368	0	24.71943	36.57311	8.147868	3.014345	7.215741	54.95107	16.44772	0	27.05922	43.50694	8.147868	3.014345	7.215741	61.8849	428.8668	0	176.0392	604.906	0.724652	0	0.026506	0.751158	4.508789	8012.19
387.4491	0.001317	0	0	0.001317	0.060818	0	0	0.060818	0.028352	0	0	0.028352	0	0	0	0.028352	0.032277	0	0	0.032277	0	0	0	0.032277	0.261343	0	0	0.261343	0.003658	0	0	0.003658	0.002528	34.48331
2210.584	0.077592	0	0.001088	0.07868	0.065608	0	0.000449	0.066058	0.482328	0	0.006866	0.489194	1.01212	0.410846	0.0071	1.91926	0.614512	0	0.007477	0.621989	1.01212	0.410846	0.0071	2.052056	15.24391	0	0.071095	15.31501	0.021922	0	6.28E-06	0.021929	0.049656	233.9002
333.0798	0.002003	0	0	0.002003	0.052284	0	0	0.052284	0.043126	0	0	0.043126	0	0	0	0.043126	0.049096	0	0	0.049096	0	0	0	0.049096	0.169604	0	0	0.169604	0.003144	0	0	0.003144	0.015773	29.64439
4759.907	0.180976	0.01233	0.121269	0.314575	0.185851	0.000292	0.033955	0.220098	1.101759	0.058151	0.924014	2.083923	0.332981	0.150344	0.741485	3.308734	1.472741	0.081918	1.005893	2.560552	0.332981	0.150344	0.741485	3.785362	28.76256	0.832261	8.629139	38.22396	0.046122	0.000328	0.000767	0.047217	0.108727	503.6423
14033.21	0.231205	0.014915	0	0.246119	2.0909	0.111901	0	2.202801	4.977776	0.321109	0	5.298885	0	0	0	5.298885	5.666819	0.365559	0	6.032378	0	0	0	6.032378	14.4827	2.724364	0	17.20707	0.125671	0.006726	0	0.132397	0.702928	1248.968
26.25451	0.01302	0.009712	0	0.022732	0.004861	0.000501	0	0.005362	0.000186	0.000139	0	0.000325	0	0	0	0.000325	0.013288	0.009912	0	0.0232	0	0	0	0.0232	0.07	0.009885	0	0.079885	0	0	0	0	0.027319	3.040175
1860.136	0.030004	0.003507	0.017573	0.051084	0.046535	8.98E-05	0.011021	0.057647	0.152188	0.013762	0.104908	0.270859	0.036985	0.014373	0.043598	0.365814	0.216186	0.01998	0.114607	0.350773	0.036985	0.014373	0.043598	0.445729	3.950602	0.106174	1.740067	5.796843	0.018248	7.2E-05	0.000132	0.018452	0.044934	196.8196
1047.207	0.025993	0.001428	0	0.027421	0.159275	0.005105	0	0.164381	0.559622	0.030743	0	0.590365	0	0	0	0.590365	0.637087	0.034998	0	0.672085	0	0	0	0.672085	1.59372	0.164304	0	1.758024	0.009573	0.000307	0	0.00988	0.052902	93.20231
22.36861	0.012802	0.001676	0	0.014478	0.004482	8.65E-05	0	0.004568	0.000183	2.39E-05	0	0.000207	0	0	0	0.000207	0.013066	0.00171	0	0.014776	0	0	0	0.014776	0.063784	0.001705	0	0.06549	0	0	0	0	0.023938	2.590203
199.2668	0.011189	0.010361	0.001607	0.023157	0.010684	0.000345	0.000911	0.011941	0.062709	0.047086	0.00999	0.119785	0.013346	0.004098	0.010676	0.147905	0.088962	0.068585	0.010931	0.168478	0.013346	0.004098	0.010676	0.196598	1.538094	0.365498	0.258927	2.162519	0.001842	0.000122	1.21E-05	0.001977	0.009089	21.08427
668.6659	0.010639	0.000896	0	0.011535	0.096548	0.008413	0	0.104961	0.229059	0.019289	0	0.248348	0	0	0	0.248348	0.260766	0.021959	0	0.282725	0	0	0	0.282725	0.576866	0.152632	0	0.729498	0.005803	0.000506	0	0.006309	0.023229	59.51185
69.46506	0.181941	0.025924	0	0.207865	0.012855	0.001332	0	0.014187	0.0026	0.00037	0	0.00297	0	0	0	0.00297	0.185684	0.026458	0	0.212142	0	0	0	0.212142	0.657869	0.026385	0	0.684254	0	0	0	0	0.038296	8.043798
394.8281	0.001296	0	0.001175	0.002471	0.004477	0	0.000878	0.005355	0.004762	0	0.005048	0.00981	0.001954	0.000548	0.001061	0.013373	0.006949	0	0.005527	0.012475	0.001954	0.000548	0.001061	0.016039	0.112456	0	0.0872	0.199655	0.003907	0	9.66E-06	0.003917	0.01022	41.77647
740.6057	0.002844	0	0	0.002844	0.116253	0	0	0.116253	0.061233	0	0	0.061233	0	0	0	0.061233	0.069709	0	0	0.069709	0	0	0	0.069709	0.344059	0	0	0.344059	0.006992	0	0	0.006992	0.017876	65.91456
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1754.702	4.399823	0	0	4.399823	0.358362	0	0	0.358362	0.667639	0	0	0.667639	0	0	0	0.667639	5.179443	0	0	5.179443	0	0	0	5.179443	19.52319	0	0	19.52319	0	0	0	0	0.829829	203.188
338.0261	0.039731	0	2.13E-06	0.039733	0.029391	0	0.000329	0.029721	0.286413	0	1.13E-05	0.286424	0.018682	0.010616	0.041193	0.356915	0.361157	0	1.23E-05	0.361169	0.018682	0.010616	0.041193	0.43166	11.35109	0	0.154407	11.5055	0.003321	0	4.15E-05	0.003362	0.005507	35.86272
70055.93	0.675084	0.077884	0	0.752968	10.50448	0.494383	0	10.99887	14.53436	1.676825	0	16.21119	0	0	0	16.21119	16.54627	1.908938	0	18.4552	0	0	0	18.4552	53.9484	11.18505	0	65.13345	0.631361	0.029714	0	0.661075	4.00944	6236.254
865.2484	1.749175	0.201205	0	1.95038	0.164437	0.01195	0	0.176387	0.084763	0.005026	0	0.08979	0	0	0	0.08979	1.85326	0.207796	0	2.061056	0	0	0	2.061056	7.488276	0.435006	0	7.923282	0	0	0	0	0.408567	100.0095
177655.1	5.312823	0	9.602256	14.91508	6.495135	0	3.031916	9.527052	25.8686	0	52.00201	77.8706	33.03493	11.98365	28.54496	151.4341	36.19482	0	56.91499	93.10981	33.03493	11.98365	28.54496	166.6733	1040.067	0	474.7735	1514.841	1.707003	0	0.060054	1.767057	15.04248	18848.24
1000.743	0.008726	0	0	0.008726	0.157118	0	0	0.157118	0.187855	0	0	0.187855	0	0	0	0.187855	0.21386	0	0	0.21386	0	0	0	0.21386	1.677792	0	0	1.677792	0.009449	0	0	0.009449	0.012027	89.08439
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
461.1287	0.001537	0	0.010493	0.012029	0.00192	0	0.0053	0.00722	0.004783	0	0.041961	0.046744	0.038464	0.009588	0.009084	0.10388	0.006979	0	0.045942	0.052921	0.038464	0.009588	0.009084	0.110057	0.722157	0	0.321718	1.043875	0.004411	0	0.000175	0.004587	0.030792	48.92323
19350.26	1.212057	0	1.474821	2.686878	1.283424	0	0.374871	1.658295	6.526319	0	8.601501	15.12782	7.193482	2.45314	6.77344	31.54788	8.849794	0	9.413029	18.26282	7.193482	2.45314	6.77344	34.68289	216.6	0	86.04022	302.6402	0.184808	0	0.007661	0.192468	1.850419	2052.956

33.34161	0.000742	0	0	0.000742	0.005235	0	0	0.005235	0.015977	0	0	0.015977	0	0	0	0.015977	0.018189	0	0	0.018189	0	0	0	0.018189	0.100758	0	0	0.100758	0.000315	0	0	0.000315	0.000222	2.968011
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84692.86	2.451456	0	4.263586	6.715043	3.709451	0	1.576067	5.285518	12.39556	0	23.28086	35.67642	11.42454	4.08739	9.790037	60.97839	17.09696	0	25.48326	42.58022	11.42454	4.08739	9.790037	67.88219	488.1786	0	210.6908	698.8694	0.813461	0	0.028942	0.842403	5.64359	8985.447
131.8954	0.000445	0	0	0.000445	0.020708	0	0	0.020708	0.009576	0	0	0.009576	0	0	0	0.009576	0.010902	0	0	0.010902	0	0	0	0.010902	0.065462	0	0	0.065462	0.001245	0	0	0.001245	0.001138	11.7411
16139.37	0.515684	0.066631	0.419054	1.001368	0.516645	0.001567	0.392124	0.910336	3.033699	0.267373	2.411862	5.712934	2.078191	0.785182	3.32196	11.89827	4.080509	0.387127	2.635063	7.102699	2.078191	0.785182	3.32196	13.28803	68.31489	2.06487	24.55697	94.93673	0.157747	0.000693	0.002091	0.160531	0.749414	1712.299
7725.904	0.184136	0.001996	0	0.186132	1.204171	0.008805	0	1.212976	3.964345	0.042976	0	4.007321	0	0	0	4.007321	4.513144	0.048925	0	4.562068	0	0	0	4.562068	12.9396	0.356204	0	13.2958	0.072422	0.00053	0	0.072952	0.817277	687.7462
2698.944	0.043624	0.009935	0.050615	0.104174	0.061533	0.000238	0.060946	0.122716	0.220095	0.038167	0.263272	0.521534	0.225428	0.072579	0.347073	1.166613	0.319768	0.055682	0.28823	0.663679	0.225428	0.072579	0.347073	1.308758	5.165508	0.296216	3.599367	9.061091	0.026416	0.000114	0.000316	0.026845	0.117957	286.3432
3068.816	0.050071	0.000599	0	0.05067	0.477595	0.004212	0	0.481808	1.077995	0.012896	0	1.090891	0	0	0	1.090891	1.227226	0.014681	0	1.241907	0	0	0	1.241907	3.304506	0.106888	0	3.411394	0.028724	0.000253	0	0.028977	0.360113	273.1805
979.875	1.161076	0	0.394102	1.555179	0.224029	0	0.019681	0.243709	8.528268	0	3.08648	11.61475	3.93746	5.50129	5.659358	26.71286	9.804541	0	3.351522	13.15606	3.93746	5.50129	5.659358	28.25417	92.08905	0	13.40522	105.4943	0.008759	0	0.000987	0.009746	0.034686	103.9594
77110.16	2.279308	0	4.2875	6.566809	3.425787	0	1.388771	4.814558	11.62072	0	24.32094	35.94166	8.692969	3.153488	7.404898	55.19301	16.05477	0	26.62233	42.6771	8.692969	3.153488	7.404898	61.92845	420.7606	0	172.2575	593.0182	0.740065	0	0.026915	0.766981	4.48282	8180.965
502.3496	0.001382	0	0	0.001382	0.078869	0	0	0.078869	0.029757	0	0	0.029757	0	0	0	0.029757	0.033876	0	0	0.033876	0	0	0	0.033876	0.304446	0	0	0.304446	0.004743	0	0	0.004743	0.003343	44.71827
2153.84	0.06897	0	0.001008	0.069978	0.060663	0	0.000449	0.061113	0.422238	0	0.00623	0.428469	0.970252	0.378473	0.006685	1.783878	0.541537	0	0.006786	0.548323	0.970252	0.378473	0.006685	1.903732	13.27985	0	0.067884	13.34773	0.021417	0	5.94E-06	0.021423	0.048964	228.5106
331.9746	0.00198	0	0	0.00198	0.05212	0	0	0.05212	0.042638	0	0	0.042638	0	0	0	0.042638	0.04854	0	0	0.04854	0	0	0	0.04854	0.167027	0	0	0.167027	0.003135	0	0	0.003135	0.018292	29.55179
4888.498	0.166552	0.012794	0.111988	0.291334	0.178555	0.000309	0.03487	0.213733	0.992686	0.05877	0.830827	1.882283	0.312429	0.131281	0.686694	3.012686	1.340026	0.083401	0.904906	2.328332	0.312429	0.131281	0.686694	3.458736	25.71308	0.845166	8.732244	35.29049	0.047553	0.000331	0.000739	0.048624	0.113515	518.6428
14108	0.206356	0.01363	0	0.219986	2.101901	0.113072	0	2.214973	4.442795	0.293451	0	4.736246	0	0	0	4.736246	5.057783	0.334072	0	5.391855	0	0	0	5.391855	12.94425	2.595296	0	15.53955	0.126333	0.006796	0	0.133129	0.844992	1255.869
31.67012	0.01579	0.012071	0	0.027861	0.005838	0.000618	0	0.006456	0.000226	0.000172	0	0.000398	0	0	0	0.000398	0.016114	0.012319	0	0.028434	0	0	0	0.028434	0.084692	0.012286	0	0.096978	0	0	0	0	0.033153	3.660583
1708.044	0.028485	0.003354	0.016948	0.048786	0.043732	8.54E-05	0.010558	0.054375	0.145079	0.013264	0.10127	0.259614	0.041811	0.01509	0.049675	0.36619	0.206642	0.019266	0.110652	0.33656	0.041811	0.01509	0.049675	0.443137	3.713894	0.102445	1.720059	5.536398	0.016792	6.96E-05	0.000127	0.016989	0.04137	181.2141
1061.535	0.027266	0.001387	0	0.028653	0.161432	0.00523	0	0.166662	0.587036	0.029859	0	0.616895	0	0	0	0.616895	0.668296	0.033992	0	0.702288	0	0	0	0.702288	1.620726	0.169992	0	1.790718	0.009703	0.000314	0	0.010017	0.062633	94.49599
19.0804	0.010814	0.001276	0	0.012091	0.003824	6.56E-05	0	0.00389	0.000155	1.82E-05	0	0.000173	0	0	0	0.000173	0.011037	0.001303	0	0.012339	0	0	0	0.012339	0.054744	0.001299	0	0.056043	0	0	0	0	0.020709	2.205404
206.9723	0.010349	0.010809	0.001614	0.022772	0.010371	0.000365	0.000969	0.011705	0.057429	0.048697	0.009907	0.116033	0.01295	0.003887	0.010083	0.142953	0.081925	0.070971	0.010842	0.163738	0.01295	0.003887	0.010083	0.190659	1.400048	0.377944	0.256904	2.034896	0.001921	0.000126	1.22E-05	0.002059	0.009609	21.95862
663.9643	0.002928	0.000241	0	0.003169	0.095903	0.008341	0	0.104243	0.063036	0.005198	0	0.068234	0	0	0	0.068234	0.071762	0.005918	0	0.07768	0	0	0	0.07768	0.162652	0.055256	0	0.217908	0.005764	0.000501	0	0.006265	0.02611	59.10491
83.78277	0.223264	0.02849	0	0.251754	0.015624	0.001455	0	0.01708	0.00319	0.000407	0	0.003597	0	0	0	0.003597	0.227858	0.029076	0	0.256934	0	0	0	0.256934	0.807847	0.028996	0	0.836843	0	0	0	0	0.046629	9.684011
375.2113	0.001159	0	0.001168	0.002327	0.004293	0	0.000856	0.005149	0.004162	0	0.005028	0.00919	0.001956	0.000571	0.00103	0.012747	0.006073	0	0.005505	0.011578	0.001956	0.000571	0.00103	0.015135	0.105898	0	0.085858	0.191755	0.003723	0	9.32E-06	0.003732	0.0099	39.80786
616.7645	0.002199	0	0	0.002199	0.096833	0	0	0.096833	0.04734	0	0	0.04734	0	0	0	0.04734	0.053893	0	0	0.053893	0	0	0	0.053893	0.264181	0	0	0.264181	0.005824	0	0	0.005824	0.022667	54.90328
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1778.59	4.12805	0	0	4.12805	0.362577	0	0	0.362577	0.605606	0	0	0.605606	0	0	0	0.605606	4.835816	0	0	4.835816	0	0	0	4.835816	19.68983	0	0	19.68983	0	0	0	0	0.829015	205.5779
81.22392	0.020029	0	2.03E-07	0.020029	0.009749	0	0.000236	0.009985	0.16464	0	1.06E-06	0.164642	0.012636	0.006927	0.028035	0.21224	0.197477	0	1.16E-06	0.197478	0.012636	0.006927	0.028035	0.245077	6.213899	0	0.036917	6.250815	0.000779	0	2.44E-05	0.000804	0.000904	8.573445
70074.95	0.554141	0.081622	0	0.635763	10.45307	0.561737	0	11.01481	11.9305	1.757306	0	13.68781	0	0	0	13.68781	13.58197	2.000559	0	15.58253	0	0	0	15.58253	44.28766	13.8304	0	58.11806	0.628271	0.033763	0	0.662033	4.767779	6245.292
975.4621	1.991144	0.253885	0	2.24503	0.184202	0.014652	0	0.198854	0.084789	0.005708	0	0.090497	0	0	0	0.090497	2.096297	0.261479	0	2.357776	0	0	0	2.357776	8.867527	0.52965	0	9.397178	0	0	0	0	0.469948	112.7485
185609.7	4.759586	0	9.03797	13.79756	6.019516	0	2.987115	9.00663	22.68307	0	48.04354	70.7266	32.23661	11.15377	26.57224	140.6892	31.93418	0	52.58644	84.52063	32.23661	11.15377	26.57224	154.4832	964.5299	0	439.4259	1403.956	1.776865	0	0.059894	1.836758	15.05872	19591.69
1180.834	0.008418	0	0	0.008418	0.185611	0	0	0.185611	0.181232	0	0	0.181232	0	0	0	0.181232	0.206321	0	0	0.206321	0	0	0	0.206321	1.750385	0	0	1.750385	0.011163	0	0	0.011163	0.014522	105.2395
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
641.9077	0.002127	0	0.014496	0.016623	0.002664	0	0.007324	0.009988	0.006615	0	0.057936	0.064552	0.053126	0.01328	0.012563	0.143521	0.009653	0	0.063433	0.073086	0.053126	0.01328	0.012563	0.152055	0.999996	0	0.44429	1.444286	0.006112	0	0.00024	0.006352	0.042718	67.75541
21050.3	1.12984	0	1.413635	2.543475	1.216933	0	0.374135	1.591067	5.983775	0	8.133074	14.11685	7.071273	2.328955	6.404547	29.92162	8.168953	0	8.900998	17.06995	7.071273	2.328955	6.404547	32.87473	204.0066	0	80.90641	284.913	0.200511	0	0.007799	0.20831	1.891176	2221.926
29.74932	0.000705	0	0	0.000705	0.004676	0	0	0.004676	0.015173	0	0	0.015173	0	0	0	0.015173	0.017273	0	0	0.017273	0	0	0	0.017273	0.092773	0	0	0.092773	0.000281	0	0	0.000281	0.0002	2.651349
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86861.68	2.308595	0	4.169919	6.478515	3.587171	0	1.557906	5.145076	11.37031	0	22.54748	33.91779	11.81966	4.015238	9.747412	59.50011	15.86684	0	24.68215	40.54899	11.81966	4.015238	9.747412	66.1313	467.7772	0	202.8266	670.6038	0.830703	0	0.028863	0.859567	5.667943	9168.528
232.9444	0.001055	0	0	0.001055	0.036616	0	0	0.036616	0.022713	0	0	0.022713	0	0	0	0.022713	0.025857	0	0	0.025857	0	0	0	0.025857	0.138452	0	0	0.138452	0.002202	0	0	0.002202	0.002025	20.76071
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.439093	4.75E-06	0	3.15E-05	3.62E-05	5.97E-06	0	1.59E-05	2.19E-05	1.47E-05	0	0.000125	0.00014	0.000116	2.86E-05	2.8E-05	0.000313	2.15E-05	0	0.000137	0.000159	0.000116	2.86E-05	2.8E-05	0.000331	0.002223	0	0.000962	0.003185	1.36E-05	0	6.51E-07	1.42E-05	9.49E-05	0.151901
16144.15	0.465988	0.066227	0.400643	0.932859	0.485123	0.001569	0.397944	0.884635	2.699906	0.263267	2.261558	5.224731	2.046585	0.72801	3.181512	11.18084	3.660128	0.381816	2.471708	6.513652	2.046585	0.72801	3.181512	12.46976	60.78358	2.035209	24.06602	86.88481	0.157052	0.000681	0.002026	0.159759	0.76171	1704.067
8169.812	0.184914	0.002036	0	0.18695	1.275212	0.008969	0	1.284181	3.981082	0.043834	0	4.024916	0	0	0	4.024916	4.532197	0.049902	0	4.582099	0	0	0	4.582099	12.83846	0.363316	0	13.20177	0.076695	0.000539	0	0.077234	1.028672	728.1184
2723.663	0.041294	0.009969	0.05053	0.101793	0.059349	0.00024	0.061736	0.121326	0.207439	0.038155	0.261534	0.507127	0.234904	0.073597	0.349732	1.16536	0.301484	0.055665	0.286329	0.643479	0.234904	0.073597	0.349732	1.301711	4.944053	0.29604	3.600682	8.840776	0.026525	0.000113	0.000315	0.026953	0.120196	287.4913
3437.797	0.051776	0.000641	0	0.052417	0.535871	0.004502	0	0.540374	1.114705	0.013794	0	1.128499	0	0	0	1.128499	1.269018	0.015703	0	1.284721	0	0	0	1.284721	3.340401	0.114329	0	3.45473	0.032229	0.000271	0	0.0325	0.477582	306.3868
1030.029	1.162067	0	0.392109	1.554176	0.228568	0	0.0196	0.248169	8.441	0	3.049202	11.4902	3.973891	5.704572	5.877158	27.04582	9.744407	0	3.311397	13.0558	3.973891	5.704572	5.877158	28.61142	91.5651	0	13.71153	105.2766	0.009199	0	0.000994	0.010193	0.037293	108.7229
77782.99	2.137877	0	4.027953	6.16583	3.173724	0	1.320603	4.494327	10.99337	0	22.68686	33.68023	8.74716	3.121409	7.191173	52.73997	15.08996	0	24.83285	39.9228	8.74716	3.121409	7.191173	58.98255	398.7687	0	159.8855	558.6542	0.743413	0	0.026313	0.769726	4.351355	8210.244
898.9009	0.001934	0	0	0.001934	0.141295	0	0	0.141295	0.041631	0	0	0.041631	0	0	0	0.041631	0.047394	0	0	0.047394	0	0	0	0.047394	0.51272	0	0	0.51272	0.008498	0	0	0.008498	0.006066	80.11278
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2097.029	0.055645	0	0.000838	0.056483	0.054064	0	0.00044	0.054504	0.325875	0	0.004902	0.330777	0.87263	0.317121	0.005884	1.526412	0.427497	0	0.005343	0.43284	0.87263	0.317121	0.005884	1.628476	10.22323	0	0.06267	10.2859	0.020747	0	5.25E-06	0.020752	0.048177	221.3481
355.4194	0.002029	0	0	0.002029	0.055867	0	0	0.055867	0.043685	0	0	0.043685	0	0	0	0.043685	0.049733	0	0	0.049733	0	0	0	0.049733	0.170057	0	0	0.170057	0.00336	0	0	0.00336	0.024041	31.67605
5051.442	0.156006	0.013124	0.106143	0.275274	0.171543	0.000322	0.03547	0.207335	0.917301	0.05908	0.773606	1.749987	0.303607	0.118253	0.653874	2.825721	1.247074	0.084244	0.842859	2.174177	0.303607	0.118253	0.653874	3.249911	23.56829	0.852002	8.754928	33.17522	0.048937	0.000332	0.000718	0.049988	0.117983	533.1958
14121.23	0.187886	0.012743	0	0.200629	2.104387	0.115273	0	2.21966	4.04513	0.274351	0	4.319481	0	0	0	4.319481	4.605072	0.312328	0	4.9174	0	0	0	4.9174	11.82439	2.569861	0	14.39426	0.126482	0.006928	0	0.13341	0.99998	1258.526
36.24281	0.018159	0.014316	0	0.032475	0.006661	0.000728	0	0.007388	0.000259	0.000205	0	0.000464	0	0	0	0.000464	0.018533	0.01461	0	0.033143	0	0	0	0.033143	0.097331	0.01457	0	0.111901	0	0	0	0	0.038114	4.189116
1733.873	0.026959	0.003432	0.016957	0.047348	0.041599	8.83E-05	0.010842	0.05253	0.137495	0.013493	0.100798	0.251786	0.042342	0.014843	0.049318	0.358289	0.19588	0.019606	0.110136	0.325622	0.042342	0.014843	0.049318	0.432125	3.476579	0.104216	1.703868	5.284663	0.01696	7.05E-05	0.000128	0.017158	0.041952	183.0158
1058.292	0.025376	0.001295	0	0.026671	0.161186	0.005163	0	0.166349	0.546337	0.027889	0	0.574227	0	0	0	0.574227	0.621963	0.03175	0	0.653713	0	0	0	0.653713	1.507751	0.166905	0	1.674656	0.009688	0.00031	0	0.009998	0.071881	94.3182
21.65773	0.012431	0.001645	0	0.014076	0.004331	8.42E-05	0	0.004415	0.000178	2.35E-05	0	0.000201	0	0	0	0.000201	0.012687	0.001679	0	0.014366	0	0	0	0.014366	0.062214	0.001674	0	0.063888	0	0	0	0	0.023423	2.503303
345.906	0.046943	0.016141	0.004285	0.067368	0.023955	0.000526	0.001386	0.025868	0.323539	0.077002	0.030822	0.431364	0.037087	0.015433	0.030291	0.514175	0.408973	0.1097	0.033568	0.552241	0.037087	0.015433	0.030291	0.635053	7.772957	0.58743	0.383558	8.743946	0.003205	0.000198	2.04E-05	0.003423	0.013903	36.51148
657.1263	0.002887	0.00023	0	0.003117	0.095134	0.008157	0	0.103291	0.062155	0.004944	0	0.067099	0	0	0	0.067099	0.070759	0.005628	0	0.076388	0	0	0	0.076388	0.16078	0.056729	0	0.217508	0.005718	0.00049	0	0.006208	0.028823	58.56509
88.35938	0.237471	0.028674	0	0.266144	0.016554	0.001459	0	0.018013	0.003393	0.00041	0	0.003803	0	0	0	0.003803	0.242356	0.029264	0	0.27162	0	0	0	0.27162	0.859257	0.029183	0	0.88844	0	0	0	0	0.049591	10.213
375.7548	0.001182	0	0.0012	0.002382	0.004304	0	0.000908	0.005212	0.00434	0	0.005108	0.009448	0.002059	0.000607	0.00109	0.013203	0.006332	0	0.005593	0.011925	0.002059	0.000607	0.00109	0.015681	0.120477	0	0.089153	0.20963	0.003709	0	9.48E-06	0.003718	0.010345	39.66212
686.1713	0.002388	0	0	0.002388	0.107857	0	0	0.107857	0.051418	0	0	0.051418	0	0	0	0.051418	0.058535	0	0	0.058535	0	0	0	0.058535	0.260094	0	0	0.260094	0.006487	0	0	0.006487	0.035112	61.15367
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1732.453	3.521	0	0	3.521	0.353172	0	0	0.353172	0.48495	0	0	0.48495	0	0	0	0.48495	4.088672	0	0	4.088672	0	0	0	4.088672	19.3404	0	0	19.3404	0	0	0	0	0.806759	200.2451
59.9487	0.011397	0	0	0.011397	0.006758	0	0.000131	0.006888	0.088587	0	0	0.088587	0.006395	0.003091	0.014121	0.112193	0.109615	0	0	0.109615	0.006395	0.003091	0.014121	0.133221	3.236515	0	0.029106	3.26562	0.000582	0	1.14E-05	0.000593	0.000835	6.328225
73686.88	0.465506	0.083539	0	0.549045	10.97665	0.611575	0	11.58822	10.02221	1.798568	0	11.82078	0	0	0	11.82078	11.40953	2.047532	0	13.45706	0	0	0	13.45706	37.29649	16.14974	0	53.44623	0.65974	0.036758	0	0.696498	5.780513	6570.414
1151.955	2.337796	0.309644	0	2.64744	0.217388	0.017445	0	0.234834	0.089716	0.006448	0	0.096164	0	0	0	0.096164	2.450052	0.31832	0	2.768372	0	0	0	2.768372	10.78926	0.622366	0	11.41163	0	0	0	0	0.575305	133.1484
195007.1	4.339637	0	8.408682	12.74832	5.723199	0	2.91571	8.63891	20.00758	0	43.6268	63.63438	30.46543	10.09467	24.24088	128.4354	28.42103	0	47.75636	76.17739	30.46543	10.09467	24.24088	140.9784	912.891	0	400.4679	1313.359	1.871538	0	0.058352	1.92989	16.62304	20585.09
1140.951	0.007842	0	0	0.007842	0.179429	0	0	0.179429	0.168832	0	0	0.168832	0	0	0	0.168832	0.192204	0	0	0.192204	0	0	0	0.192204	1.706804	0	0	1.706804	0.010791	0	0	0.010791	0.014093	101.7348
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
817.3618	0.002724	0	0.017784	0.020508	0.003435	0	0.009026	0.012461	0.008426	0	0.070691	0.079117	0.062768	0.016219	0.015366	0.17347	0.012295	0	0.077397	0.089693	0.062768	0.016219	0.015366	0.184046	1.275134	0	0.542171	1.817305	0.007798	0	0.000291	0.008089	0.066693	86.28126
22369.51	1.045442	0	1.314169	2.359611	1.159201	0	0.36002	1.519221	5.355306	0	7.43299	12.7883	6.755375	2.11752	5.937065	27.59826	7.415305	0	8.135692	15.551	6.755375	2.11752	5.937065	30.36096	192.322	0	73.90764	266.2296	0.213798	0	0.007582	0.22138	2.073035	2361.341
24.18365	0.000594	0	0	0.000594	0.003803	0	0	0.003803	0.012782	0	0	0.012782	0	0	0	0.012782	0.014552	0	0	0.014552	0	0	0	0.014552	0.08068	0	0	0.08068	0.000229	0	0	0.000229	0.000164	2.156375
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88107.82	2.162334	0	3.869771	6.032105	3.401083	0	1.459457	4.86054	10.43669	0	20.61786	31.05455	11.49473	3.758821	9.215424	55.52352	14.65867	0	22.57061	37.22928	11.49473	3.758821	9.215424	61.69825	445.0698	0	185.1455	630.2153	0.844477	0	0.027483	0.87196	6.006468	9300.721
259.6161	0.000999	0	0	0.000999	0.040828	0	0	0.040828	0.021513	0	0	0.021513	0	0	0	0.021513	0.024491	0	0	0.024491	0	0	0	0.024491	0.139165	0	0	0.139165	0.002456	0	0	0.002456	0.002289	23.1491
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.596649	1.86E-05	0	0.000117	0.000136	2.36E-05	0	5.97E-05	8.33E-05	5.74E-05	0	0.000465	0.000522	0.00037	9.52E-05	9.87E-05	0.001086	8.37E-05	0	0.000509	0.000593	0.00037	9.52E-05	9.87E-05	0.001156	0.008668	0	0.003566	0.012234	5.3E-05	0	2.37E-06	5.54E-05	0.000664	0.590786

17309.17	0.438697	0.067401	0.392304	0.898401	0.481563	0.001619	0.417352	0.900535	2.479595	0.263706	2.159464	4.902765	2.052281	0.68993	3.113534	10.75851	3.398428	0.383007	2.360924	6.142359	2.052281	0.68993	3.113534	11.9981	56.56041	2.046384	24.3494	82.95619	0.168587	0.000682	0.002031	0.1713	0.841582	1827.168
9466.869	0.195421	0.002143	0	0.197564	1.479383	0.009405	0	1.488789	4.207305	0.046139	0	4.253445	0	0	0	4.253445	4.789737	0.052527	0	4.842264	0	0	0	4.842264	13.35235	0.382427	0	13.73478	0.088974	0.000566	0	0.08954	1.457185	844.1291
2680.617	0.040668	0.009563	0.049061	0.099292	0.059435	0.00023	0.059905	0.11957	0.203703	0.036545	0.253095	0.493343	0.240997	0.073201	0.351715	1.159255	0.296086	0.053318	0.277093	0.626497	0.240997	0.073201	0.351715	1.292409	4.843438	0.283877	3.402323	8.529639	0.026119	0.000109	0.000301	0.026529	0.118173	282.9678
3852.137	0.054634	0.000674	0	0.055308	0.601071	0.004728	0	0.605799	1.176232	0.014515	0	1.190747	0	0	0	1.190747	1.339062	0.016524	0	1.355586	0	0	0	1.355586	3.477533	0.120304	0	3.597837	0.03615	0.000284	0	0.036434	0.598407	343.4822
1085.454	1.17905	0	0.377963	1.557013	0.236586	0	0.018756	0.255342	8.445711	0	2.916259	11.36197	3.864176	5.726028	5.903971	26.85614	9.797057	0	3.167422	12.96448	3.864176	5.726028	5.903971	28.45865	92.09397	0	13.55949	105.6535	0.009778	0	0.000964	0.010742	0.040571	114.5812
74080.04	2.070937	0	3.761576	5.832513	3.102925	0	1.231106	4.334031	10.53794	0	21.12725	31.66518	8.731666	2.990603	7.082142	50.4696	14.52449	0	23.12638	37.65087	8.731666	2.990603	7.082142	56.45529	384.369	0	146.4913	530.8603	0.709164	0	0.02397	0.733134	4.448028	7819.939
1116.488	0.002177	0	0	0.002177	0.175582	0	0	0.175582	0.046877	0	0	0.046877	0	0	0	0.046877	0.053366	0	0	0.053366	0	0	0	0.053366	0.621715	0	0	0.621715	0.01056	0	0	0.01056	0.007634	99.55348
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19.80767	6.48E-05	0	0.000414	0.000478	8.24E-05	0	0.000211	0.000293	0.0002	0	0.001638	0.001837	0.001231	0.000321	0.000342	0.003731	0.000292	0	0.001793	0.002085	0.001231	0.000321	0.000342	0.003978	0.030474	0	0.012561	0.043035	0.000186	0	1.01E-05	0.000196	0.002739	2.090911
2073.52	0.039738	0	0.00064	0.040378	0.04857	0	0.000429	0.048999	0.208807	0	0.003322	0.212129	0.756363	0.243656	0.005026	1.217173	0.28777	0	0.003629	0.291398	0.756363	0.243656	0.005026	1.296443	6.440842	0	0.057181	6.498023	0.020516	0	4.47E-06	0.020521	0.048931	218.8822
371.9492	0.002086	0	0	0.002086	0.058494	0	0	0.058494	0.044918	0	0	0.044918	0	0	0	0.044918	0.051136	0	0	0.051136	0	0	0	0.051136	0.174656	0	0	0.174656	0.003518	0	0	0.003518	0.027696	33.16547
5769.092	0.150362	0.014225	0.101413	0.266	0.171608	0.000361	0.038496	0.210464	0.868217	0.061774	0.714514	1.644505	0.287302	0.106072	0.607922	2.6458	1.188741	0.088591	0.778866	2.056198	0.287302	0.106072	0.607922	3.057494	22.00094	0.89361	8.895695	31.79025	0.056033	0.000346	0.000715	0.057094	0.13702	608.9893
14869.49	0.177932	0.011764	0	0.189696	2.221162	0.117259	0	2.338421	3.830831	0.253268	0	4.084099	0	0	0	4.084099	4.36111	0.288327	0	4.649436	0	0	0	4.649436	11.24208	2.5401	0	13.78218	0.133501	0.007048	0	0.140548	1.212871	1325.863
44.05574	0.022429	0.017402	0	0.039831	0.008104	0.000877	0	0.008981	0.00032	0.000249	0	0.000569	0	0	0	0.000569	0.02289	0.01776	0	0.040651	0	0	0	0.040651	0.118924	0.017712	0	0.136636	0	0	0	0	0.046479	5.092171
1726.967	0.025539	0.00333	0.015697	0.044565	0.040092	8.62E-05	0.010512	0.050691	0.12836	0.012968	0.090768	0.232096	0.040314	0.013363	0.045904	0.331676	0.184053	0.018872	0.099229	0.302154	0.040314	0.013363	0.045904	0.401734	3.187122	0.100271	1.637879	4.925272	0.016903	6.77E-05	0.00012	0.017091	0.041948	182.2998
1116.407	0.024768	0.001229	0	0.025997	0.170365	0.005205	0	0.17557	0.533247	0.026465	0	0.559712	0	0	0	0.559712	0.607062	0.030128	0	0.63719	0	0	0	0.63719	1.461467	0.16886	0	1.630327	0.01024	0.000313	0	0.010552	0.085999	99.54634
24.843	0.014525	0.001832	0	0.016357	0.004971	9.31E-05	0	0.005064	0.000208	2.62E-05	0	0.000234	0	0	0	0.000234	0.014824	0.00187	0	0.016694	0	0	0	0.016694	0.071703	0.001865	0	0.073567	0	0	0	0	0.026864	2.871472
310.6073	0.04359	0.013555	0.003867	0.061012	0.023304	0.000428	0.001158	0.02489	0.299579	0.064689	0.027909	0.392178	0.033654	0.013852	0.027438	0.467122	0.377853	0.092084	0.030394	0.50033	0.033654	0.013852	0.027438	0.575274	7.205763	0.493444	0.339279	8.038485	0.00289	0.000167	1.75E-05	0.003074	0.012562	32.78792
683.1108	0.003007	0.00025	0	0.003256	0.098698	0.00873	0	0.107428	0.06473	0.005372	0	0.070102	0	0	0	0.070102	0.07369	0.006116	0	0.079806	0	0	0	0.079806	0.167646	0.065387	0	0.233033	0.005932	0.000525	0	0.006457	0.033547	60.91072
105.7618	0.284355	0.035355	0	0.31971	0.019773	0.001787	0	0.02156	0.004063	0.000505	0	0.004568	0	0	0	0.004568	0.290205	0.036082	0	0.326287	0	0	0	0.326287	1.026815	0.035984	0	1.062798	0	0	0	0	0.060371	12.22445
427.8302	0.001254	0	0.001392	0.002646	0.004546	0	0.001138	0.005684	0.004357	0	0.005893	0.010249	0.002479	0.000743	0.001315	0.014786	0.006357	0	0.006452	0.012809	0.002479	0.000743	0.001315	0.017346	0.134764	0	0.106191	0.240955	0.004223	0	1.09E-05	0.004234	0.012314	45.16204
719.6003	0.002583	0	0	0.002583	0.113167	0	0	0.113167	0.055619	0	0	0.055619	0	0	0	0.055619	0.063318	0	0	0.063318	0	0	0	0.063318	0.251847	0	0	0.251847	0.006806	0	0	0.006806	0.045407	64.16436
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1829.907	3.270166	0	0	3.270166	0.373039	0	0	0.373039	0.417667	0	0	0.417667	0	0	0	0.417667	3.760054	0	0	3.760054	0	0	0	3.760054	20.20839	0	0	20.20839	0	0	0	0	0.849578	211.5093
63.27939	0.014612	0	0	0.014612	0.007217	0	0.000193	0.00741	0.117488	0	0	0.117488	0.008826	0.00438	0.0198	0.150494	0.143977	0	0	0.143977	0.008826	0.00438	0.0198	0.176983	4.189061	0	0.028733	4.217794	0.000611	0	1.54E-05	0.000626	0.000781	6.676377
77600.54	0.381821	0.084628	0	0.466449	11.55161	0.653183	0	12.2048	8.2205	1.822027	0	10.04253	0	0	0	10.04253	9.358414	2.074239	0	11.43265	0	0	0	11.43265	30.70892	18.334	0	49.04292	0.694298	0.039259	0	0.733556	6.700694	6920.005
1313.307	2.608616	0.353921	0	2.962537	0.247804	0.019922	0	0.267726	0.090185	0.006883	0	0.097068	0	0	0	0.097068	2.722569	0.363283	0	3.085852	0	0	0	3.085852	12.34641	0.718149	0	13.06456	0	0	0	0	0.674471	151.7983
187004	3.497513	0	7.732125	11.22964	4.837729	0	2.820437	7.658167	15.69272	0	39.40267	55.09539	28.74842	9.129969	22.06949	115.0433	22.47326	0	43.13553	65.60878	28.74842	9.129969	22.06949	125.5567	776.5	0	363.9603	1140.46	1.792438	0	0.057297	1.849734	16.68971	19730.11
632.0894	0.005908	0	0	0.005908	0.099413	0	0	0.099413	0.127193	0	0	0.127193	0	0	0	0.127193	0.1448	0	0	0.1448	0	0	0	0.1448	1.190258	0	0	1.190258	0.005979	0	0	0.005979	0.007651	56.36638
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1129.65	0.003737	0	0.025513	0.029251	0.004694	0	0.012888	0.017582	0.011619	0	0.101952	0.113571	0.086194	0.0232	0.022099	0.245065	0.016954	0	0.111625	0.128579	0.086194	0.0232	0.022099	0.260072	1.758736	0	0.78199	2.540726	0.010757	0	0.000417	0.011174	0.114866	119.1853
21201.18	0.906102	0	1.249288	2.15539	1.029784	0	0.353585	1.383369	4.573556	0	7.026554	11.60011	6.652133	2.012467	5.66458	25.92929	6.388539	0	7.691332	14.07987	6.652133	2.012467	5.66458	28.40905	169.3422	0	69.24847	238.5907	0.202268	0	0.007441	0.20971	1.980033	2236.859
24.95794	0.000585	0	0	0.000585	0.003925	0	0	0.003925	0.012599	0	0	0.012599	0	0	0	0.012599	0.014344	0	0	0.014344	0	0	0	0.014344	0.077539	0	0	0.077539	0.000236	0	0	0.000236	0.000168	2.225617
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.170578	5.66E-07	0	3.7E-06	4.27E-06	7.17E-07	0	1.87E-06	2.59E-06	1.75E-06	0	1.47E-05	1.65E-05	1.06E-05	2.84E-06	2.93E-06	3.29E-05	2.56E-06	0	1.61E-05	1.87E-05	1.06E-05	2.84E-06	2.93E-06	3.51E-05	0.000264	0	0.000113	0.000378	1.62E-06	0	6.79E-08	1.69E-06	2.38E-05	0.017997
90897.13	1.859319	0	3.798349	5.657668	3.026227	0	1.477196	4.503423	8.717504	0	19.89533	28.61283	11.68811	3.65364	9.042443	52.99702	12.37305	0	21.78073	34.15378	11.68811	3.65364	9.042443	58.53797	400.6957	0	179.2569	579.9526	0.870229	0	0.028873	0.899101	6.570665	9590.224
270.0594	0.00105	0	0	0.00105	0.042474	0	0	0.042474	0.022614	0	0	0.022614	0	0	0	0.022614	0.025745	0	0	0.025745	0	0	0	0.025745	0.15054	0	0	0.15054	0.002555	0	0	0.002555	0.002409	24.08247
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.296713	2.06E-05	0	0.000141	0.000162	2.6E-05	0	7.12E-05	9.72E-05	6.42E-05	0	0.000564	0.000629	0.000446	0.000115	0.00012	0.001309	9.36E-05	0	0.000618	0.000712	0.000446	0.000115	0.00012	0.001392	0.009708	0	0.004332	0.01404	5.94E-05	0	2.87E-06	6.23E-05	0.000758	0.664343
18544.73	0.378207	0.074548	0.397436	0.85019	0.437289	0.001822	0.474105	0.913217	2.081041	0.287307	2.114575	4.482923	2.092007	0.660293	3.088185	10.32341	2.8898	0.418055	2.313263	5.621118	2.092007	0.660293	3.088185	11.4616	48.60082	2.247447	27.33847	78.18674	0.180436	0.000744	0.002253	0.183434	0.938168	1956.586
9590.174	0.18218	0.002222	0	0.184403	1.498615	0.009701	0	1.508316	3.922234	0.047844	0	3.970078	0	0	0	3.970078	4.465203	0.054467	0	4.51967	0	0	0	4.51967	12.28621	0.396557	0	12.68277	0.090131	0.000583	0	0.090714	1.698606	855.2009
2881.962	0.038185	0.01076	0.052814	0.101758	0.056434	0.000263	0.067696	0.124393	0.191126	0.040828	0.270876	0.50283	0.261409	0.076594	0.371368	1.212201	0.277232	0.059562	0.296553	0.633348	0.261409	0.076594	0.371368	1.342719	4.762215	0.318602	3.882	8.962817	0.028049	0.000121	0.000336	0.028507	0.131109	304.0653
3962.839	0.052283	0.000718	0	0.053	0.618258	0.005006	0	0.623264	1.125617	0.01545	0	1.141067	0	0	0	1.141067	1.28144	0.017589	0	1.299029	0	0	0	1.299029	3.270298	0.128057	0	3.398356	0.037184	0.000301	0	0.037485	0.685372	353.385
1008.312	1.051769	0	0.359637	1.411406	0.214436	0	0.017643	0.232079	7.473284	0	2.772196	10.24548	3.738178	5.629589	5.822696	25.43594	8.70482	0	3.011216	11.71604	3.738178	5.629589	5.822696	26.9065	81.92463	0	13.22077	95.14539	0.009051	0	0.000922	0.009974	0.038183	106.3834
81709.61	1.841454	0	3.769221	5.610675	2.82497	0	1.277289	4.10226	9.180225	0	20.83981	30.02003	9.382779	3.050858	7.321215	49.77489	12.74535	0	22.81278	35.55813	9.382779	3.050858	7.321215	55.31298	358.3166	0	147.2315	505.5481	0.781452	0	0.026772	0.808224	4.973637	8620.883
1024.366	0.002032	0	0	0.002032	0.161109	0	0	0.161109	0.043737	0	0	0.043737	0	0	0	0.043737	0.049792	0	0	0.049792	0	0	0	0.049792	0.592734	0	0	0.592734	0.00969	0	0	0.00969	0.007039	91.34751
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40.94153	0.000132	0	0.000902	0.001034	0.000168	0	0.000456	0.000623	0.00041	0	0.003596	0.004006	0.002698	0.000703	0.00075	0.008157	0.000599	0	0.003937	0.004535	0.002698	0.000703	0.00075	0.008687	0.06272	0	0.02759	0.090311	0.000383	0	2.2E-05	0.000405	0.005657	4.319591
2038.236	0.04407	0	0.000729	0.044799	0.046968	0	0.000447	0.047415	0.248078	0	0.004069	0.252147	0.800844	0.268074	0.005223	1.326288	0.331321	0	0.004438	0.335759	0.800844	0.268074	0.005223	1.4099	7.577258	0	0.057178	7.634436	0.020156	0	4.74E-06	0.020161	0.047465	215.0468
382.1523	0.002044	0	0	0.002044	0.060104	0	0	0.060104	0.044014	0	0	0.044014	0	0	0	0.044014	0.050107	0	0	0.050107	0	0	0	0.050107	0.168728	0	0	0.168728	0.003615	0	0	0.003615	0.034733	34.07832
5483.064	0.131604	0.014371	0.095738	0.241714	0.154323	0.000367	0.038431	0.193122	0.749869	0.06185	0.666245	1.477964	0.282747	0.097126	0.590029	2.447866	1.036645	0.089088	0.726539	1.852272	0.282747	0.097126	0.590029	2.822173	18.69249	0.897677	8.907244	28.49741	0.053197	0.000346	0.000692	0.054235	0.131472	578.4981
15588.24	0.163884	0.011036	0	0.17492	2.333043	0.118632	0	2.451675	3.528381	0.237597	0	3.765978	0	0	0	3.765978	4.016794	0.270486	0	4.28728	0	0	0	4.28728	10.39891	2.538731	0	12.93764	0.140225	0.00713	0	0.147355	1.449165	1390.077
73.18688	0.040576	0.02669	0	0.067266	0.013551	0.001369	0	0.01492	0.00058	0.000381	0	0.000961	0	0	0	0.000961	0.041411	0.027239	0	0.06865	0	0	0	0.06865	0.197604	0.030318	0	0.227921	0	0	0	0	0.077291	8.459287
1733.823	0.024444	0.003606	0.017082	0.045132	0.038568	9.35E-05	0.011393	0.050055	0.123806	0.014102	0.100026	0.237935	0.04551	0.014783	0.050698	0.348926	0.177123	0.020521	0.10933	0.306975	0.04551	0.014783	0.050698	0.417965	3.042298	0.109017	1.756081	4.907396	0.016946	7.34E-05	0.00013	0.01715	0.042184	182.9294
1179.839	0.02461	0.001261	0	0.02587	0.179903	0.005659	0	0.185562	0.529838	0.027139	0	0.556977	0	0	0	0.556977	0.603181	0.030895	0	0.634076	0	0	0	0.634076	1.444461	0.185365	0	1.629827	0.010813	0.00034	0	0.011153	0.096666	105.2118
29.14252	0.017009	0.002161	0	0.019169	0.005831	0.00011	0	0.005941	0.000243	3.09E-05	0	0.000274	0	0	0	0.000274	0.017358	0.002205	0	0.019564	0	0	0	0.019564	0.084235	0.002247	0	0.086482	0	0	0	0	0.032147	3.368431
288.9101	0.027524	0.01378	0.003032	0.044336	0.018233	0.00045	0.001226	0.019909	0.177786	0.063535	0.020797	0.262117	0.024944	0.008957	0.019991	0.316009	0.233427	0.091668	0.022682	0.347777	0.024944	0.008957	0.019991	0.401669	4.192359	0.489393	0.329019	5.010771	0.002679	0.000162	1.64E-05	0.002858	0.012676	30.48185
679.6446	0.002767	0.000214	0	0.00298	0.098951	0.007942	0	0.106893	0.059564	0.004602	0	0.064166	0	0	0	0.064166	0.067809	0.005239	0	0.073048	0	0	0	0.073048	0.156768	0.066952	0	0.22372	0.005947	0.000477	0	0.006425	0.042303	60.60711
152.3263	0.405667	0.049067	0	0.454734	0.028505	0.002548	0	0.031053	0.005796	0.000701	0	0.006497	0	0	0	0.006497	0.414013	0.050076	0	0.464089	0	0	0	0.464089	1.454464	0.055176	0	1.50964	0	0	0	0	0.087487	17.6066
404.3749	0.001126	0	0.00131	0.002436	0.004163	0	0.00109	0.005253	0.003833	0	0.005508	0.009341	0.00243	0.000725	0.001321	0.013818	0.005593	0	0.006031	0.011624	0.00243	0.000725	0.001321	0.0161	0.126843	0	0.101578	0.22842	0.003989	0	1.04E-05	0.004	0.011988	42.66412
649.2528	0.002289	0	0	0.002289	0.102113	0	0	0.102113	0.049282	0	0	0.049282	0	0	0	0.049282	0.056104	0	0	0.056104	0	0	0	0.056104	0.19844	0	0	0.19844	0.006141	0	0	0.006141	0.049347	57.89692
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1911.333	2.867791	0	0	2.867791	0.389638	0	0	0.389638	0.319802	0	0	0.319802	0	0	0	0.319802	3.244446	0	0	3.244446	0	0	0	3.244446	21.40051	0	0	21.40051	0	0	0	0	0.862111	220.921
56.97072	0.013277	0	5.25E-07	0.013277	0.006328	0	0.000193	0.00652	0.107326	0	2.78E-06	0.107329	0.007648	0.003556	0.017372	0.135905	0.132008	0	3.05E-06	0.132011	0.007648	0.003556	0.017372	0.160587	3.528576	0	0.032432	3.561008	0.000552	0	1.24E-05	0.000564	0.000742	6.018337
76193.7	0.312099	0.089151	0	0.40125	11.28536	0.702294	0	11.98766	6.719401	1.919402	0	8.638803	0	0	0	8.638803	7.649526	2.185094	0	9.83462	0	0	0	9.83462	25.12771	20.9879	0	46.11561	0.678295	0.042211	0	0.720506	7.060009	6796.89
1391.711	2.506814	0.392042	0	2.898857	0.26112	0.022589	0	0.283709	0.083947	0.007383	0	0.09133	0	0	0	0.09133	2.613223	0.402138	0	3.015361	0	0	0	3.015361	12.21324	0.837264	0	13.0505	0	0	0	0	0.730866	160.8606
183289.2	2.989642	0	7.163479	10.15312	4.319408	0	2.717924	7.037332	13.05542	0	35.88759	48.94302	27.46539	8.566611	20.63653	105.6115	18.83547	0	39.28939	58.12487	27.46539	8.566611	20.63653	114.7934	696.3981	0	334.0523	1030.45	1.759514	0	0.055758	1.815272	17.08415	19362.52
543.2866	0.005054	0	0	0.005054	0.085476	0	0	0.085476	0.108808	0	0	0.108808	0	0	0	0.108808	0.123871	0	0	0.123871	0	0	0	0.123871	1.038395	0	0	1.038395	0.005141	0	0	0.005141	0.006611	48.4641
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1422.704	0.004698	0	0.03247	0.037168	0.005906	0	0.016386	0.022292	0.014619	0	0.12989	0.144509	0.104211	0.029811	0.027841	0.306372	0.021332	0	0.142213	0.163545	0.104211	0.029811	0.027841	0.325408	2.215335	0	0.996331	3.211666	0.013562	0	0.000529	0.01409	0.1598	150.2932
20539.74	0.774521	0	1.152297	1.926818	0.922555	0	0.337197	1.259751	3.756215	0	6.405102	10.16132	6.334963	1.834288	5.28397	23.61454	5.354413	0	7.011896	12.36631	6.334963	1.834288	5.28397	25.81953	149.2804	0	63.00162	212.282	0.196297	0	0.007125	0.203423	1.9488	2169.801
23.13822	0.00054	0	0	0.00054	0.00364	0	0	0.00364	0.011623	0	0	0.011623	0	0	0	0.011623	0.013232	0	0	0.013232	0	0	0	0.013232	0.071324	0	0	0.071324	0.000219	0	0	0.000219	0.000156	2.064054
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.169657	5.59E-07	0	3.81E-06	4.37E-06	7.08E-07	0	1.92E-06	2.63E-06	1.74E-06	0	1.52E-05	1.69E-05	1.09E-05	2.92E-06	3.02E-06	3.38E-05	2.53E-06	0	1.66E-05	1.92E-05	1.09E-05	2.92E-06	3.02E-06	3.61E-05	0.000263	0	0.000117	0.000379	1.61E-06	0	7E-08	1.68E-06	2.37E-05	0.017922
92281.5	1.637495	0	3.615207	5.252703	2.741334	0	1.435951	4.177285	7.459598	0	18.61194	26.07154	11.50583	3.487298	8.728412	49.79308	10.68597	0	20.37646	31.06243	11.50583	3.487298	8.728412	54.78397	366.9226	0	168.3291	535.2517	0.885003	0	0.02894	0.913944	7.050929	9748.538
296.7089	0.001046	0	0	0.001046	0.046682	0	0	0.046682	0.022524	0	0	0.022524	0	0	0	0.022524	0.025642	0	0	0.025642	0	0	0	0.025642	0.156604	0	0	0.156604	0.002808	0	0	0.002808	0.002684	26.46804
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

17.85027	5.88E-05	0	0.000393	0.000452	7.42E-05	0	0.000199	0.000273	0.000182	0	0.001568	0.00175	0.001053	0.000291	0.000298	0.003392	0.000266	0	0.001717	0.001983	0.001053	0.000291	0.000298	0.003624	0.027601	0	0.012032	0.039634	0.000169	0	7.87E-06	0.000177	0.002376	1.885687
18592.33	0.322085	0.075335	0.383131	0.78055	0.395524	0.001863	0.485435	0.882822	1.714089	0.287142	1.997589	3.99882	2.003908	0.603545	2.915581	9.521854	2.423272	0.418366	2.185979	5.027617	2.003908	0.603545	2.915581	10.55065	41.25799	2.269998	27.76879	71.29678	0.181081	0.000746	0.002309	0.184136	0.96332	1964.078
9617.002	0.173924	0.002237	0	0.176161	1.503358	0.009698	0	1.513056	3.744487	0.048153	0	3.79264	0	0	0	3.79264	4.262849	0.054819	0	4.317668	0	0	0	4.317668	11.62473	0.399117	0	12.02384	0.090416	0.000583	0	0.090999	1.859183	857.8886
2882.682	0.03467	0.010901	0.052185	0.097756	0.052239	0.000269	0.069053	0.121562	0.172496	0.041121	0.265838	0.479455	0.257931	0.074071	0.361628	1.173085	0.250662	0.059995	0.291044	0.601701	0.257931	0.074071	0.361628	1.295331	4.434203	0.323544	3.945865	8.703612	0.028088	0.000123	0.000339	0.02855	0.133776	304.524
4044.931	0.050651	0.000737	0	0.051388	0.63129	0.005104	0	0.636395	1.090479	0.015872	0	1.106351	0	0	0	1.106351	1.241437	0.018069	0	1.259507	0	0	0	1.259507	3.125554	0.131557	0	3.257112	0.037968	0.000307	0	0.038274	0.757534	360.8297
971.0301	0.978764	0	0.338117	1.316881	0.203133	0	0.016431	0.219564	6.880133	0	2.593689	9.473821	3.559996	5.486396	5.683291	24.2035	8.049924	0	2.817654	10.86758	3.559996	5.486396	5.683291	25.59726	75.86466	0	12.76201	88.62667	0.008744	0	0.000873	0.009617	0.03751	102.5788
82066.66	1.660282	0	3.589188	5.24947	2.598711	0	1.238157	3.836868	8.144222	0	19.64832	27.79255	9.473401	2.969635	7.277368	47.51295	11.37215	0	21.50915	32.8813	9.473401	2.969635	7.277368	52.60171	331.92	0	139.3939	471.3139	0.78606	0	0.026717	0.812777	5.226903	8669.452
1080.535	0.002031	0	0	0.002031	0.170002	0	0	0.170002	0.043727	0	0	0.043727	0	0	0	0.043727	0.049781	0	0	0.049781	0	0	0	0.049781	0.615059	0	0	0.615059	0.010224	0	0	0.010224	0.007524	96.38955
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86.53311	0.000279	0	0.001917	0.002196	0.000354	0	0.000969	0.001323	0.000867	0	0.007648	0.008515	0.005213	0.001422	0.00148	0.01663	0.001265	0	0.008374	0.009639	0.005213	0.001422	0.00148	0.017754	0.132612	0	0.05869	0.191303	0.00081	0	4.66E-05	0.000857	0.011986	9.141283
2036.482	0.036268	0	0.00061	0.036879	0.042638	0	0.000461	0.0431	0.194112	0	0.003104	0.197216	0.73645	0.235016	0.004745	1.173428	0.26557	0	0.003391	0.268961	0.73645	0.235016	0.004745	1.245172	5.87586	0	0.054036	5.929896	0.020165	0	4.44E-06	0.020169	0.047939	215.1322
401.4293	0.00205	0	0	0.00205	0.063157	0	0	0.063157	0.044126	0	0	0.044126	0	0	0	0.044126	0.050234	0	0	0.050234	0	0	0	0.050234	0.16699	0	0	0.16699	0.003798	0	0	0.003798	0.041869	35.80966
5353.419	0.115403	0.014318	0.08238	0.212101	0.138524	0.000371	0.037801	0.176696	0.646534	0.060671	0.54146	1.248665	0.264196	0.086271	0.54676	2.145892	0.902377	0.087707	0.591102	1.581186	0.264196	0.086271	0.54676	2.478413	15.93552	0.882948	8.530016	25.34848	0.052028	0.000338	0.000654	0.05302	0.129705	565.5305
15192.82	0.141971	0.009905	0	0.151876	2.272176	0.118131	0	2.390307	3.056607	0.213246	0	3.269853	0	0	0	3.269853	3.479714	0.242764	0	3.722479	0	0	0	3.722479	9.098636	2.470842	0	11.56948	0.136567	0.0071	0	0.143667	1.550326	1355.281
97.88179	0.057468	0.03363	0	0.091098	0.018112	0.001841	0	0.019954	0.000821	0.000481	0	0.001302	0	0	0	0.001302	0.05865	0.034322	0	0.092972	0	0	0	0.092972	0.258852	0.046264	0	0.305116	0	0	0	0	0.101499	11.31364
1598.185	0.020395	0.003434	0.015228	0.039057	0.032361	9E-05	0.010846	0.043298	0.103352	0.013344	0.086728	0.203424	0.043722	0.01381	0.04864	0.309596	0.14816	0.019429	0.094833	0.262422	0.043722	0.01381	0.04864	0.368594	2.517052	0.103194	1.59297	4.213216	0.015638	6.92E-05	0.000121	0.015828	0.039136	168.8309
1155.34	0.022277	0.001121	0	0.023398	0.176134	0.005638	0	0.181771	0.47962	0.024143	0	0.503763	0	0	0	0.503763	0.546011	0.027485	0	0.573495	0	0	0	0.573495	1.285197	0.18513	0	1.470327	0.010586	0.000339	0	0.010925	0.102573	103.0626
32.45813	0.019476	0.002456	0	0.021932	0.006489	0.000127	0	0.006617	0.000278	3.51E-05	0	0.000313	0	0	0	0.000313	0.019877	0.002506	0	0.022383	0	0	0	0.022383	0.094392	0.00276	0	0.097152	0	0	0	0	0.035663	3.751665
375.5573	0.038256	0.017776	0.003715	0.059748	0.023256	0.000587	0.001601	0.025444	0.252541	0.081963	0.025424	0.359928	0.031805	0.012206	0.025255	0.429193	0.32844	0.11797	0.027724	0.474133	0.031805	0.012206	0.025255	0.543399	5.780917	0.629732	0.392313	6.802962	0.003491	0.000208	2.06E-05	0.003719	0.016332	39.67355
640.0771	0.002321	0.0002	0	0.002521	0.092801	0.007904	0	0.100704	0.049977	0.0043	0	0.054277	0	0	0	0.054277	0.056894	0.004895	0	0.06179	0	0	0	0.06179	0.133562	0.074893	0	0.208455	0.005578	0.000475	0	0.006053	0.047751	57.09834
176.5786	0.454214	0.05941	0	0.513624	0.032827	0.00317	0	0.035997	0.00649	0.000849	0	0.007339	0	0	0	0.007339	0.463559	0.060632	0	0.524191	0	0	0	0.524191	1.60292	0.072873	0	1.675793	0	0	0	0	0.103655	20.4098
409.269	0.001142	0	0.001291	0.002433	0.004202	0	0.001051	0.005252	0.003873	0	0.005444	0.009317	0.002344	0.000713	0.001323	0.013697	0.005651	0	0.005961	0.011612	0.002344	0.000713	0.001323	0.015992	0.123238	0	0.099606	0.222844	0.004043	0	1.02E-05	0.004053	0.011731	43.23482
633.619	0.002147	0	0	0.002147	0.099688	0	0	0.099688	0.046224	0	0	0.046224	0	0	0	0.046224	0.052622	0	0	0.052622	0	0	0	0.052622	0.158671	0	0	0.158671	0.005996	0	0	0.005996	0.058964	56.52224
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1962.645	2.665761	0	0	2.665761	0.400098	0	0	0.400098	0.271439	0	0	0.271439	0	0	0	0.271439	2.986422	0	0	2.986422	0	0	0	2.986422	22.68464	0	0	22.68464	0	0	0	0	0.884776	226.8518
50.02747	0.011396	0	0	0.011396	0.006126	0	0.000265	0.006391	0.088683	0	0	0.088683	0.007288	0.003026	0.01664	0.115637	0.112048	0	0	0.112048	0.007288	0.003026	0.01664	0.139002	3.08077	0	0.030893	3.111662	0.000485	0	1.03E-05	0.000495	0.000656	5.280453
76348.36	0.251436	0.087548	0	0.338984	11.318	0.699895	0	12.0179	5.413354	1.884878	0	7.298232	0	0	0	7.298232	6.162692	2.14579	0	8.308482	0	0	0	8.308482	20.45875	21.81188	0	42.27063	0.680257	0.042066	0	0.722323	7.546804	6814.036
1482.873	2.486156	0.401489	0	2.887645	0.278066	0.024227	0	0.302293	0.079581	0.007402	0	0.086982	0	0	0	0.086982	2.587502	0.411646	0	2.999148	0	0	0	2.999148	12.48259	0.902997	0	13.38559	0	0	0	0	0.794464	171.3975
179577.8	2.550267	0	6.639391	9.189658	3.875293	0	2.618644	6.493936	10.74521	0	32.66509	43.4103	26.08354	7.940805	19.30235	96.73699	15.66226	0	35.76367	51.42593	26.08354	7.940805	19.30235	104.7526	626.6044	0	306.1798	932.7842	1.722902	0	0.05413	1.777032	17.35628	18954.62
545.0605	0.004385	0	0	0.004385	0.085797	0	0	0.085797	0.094408	0	0	0.094408	0	0	0	0.094408	0.107477	0	0	0.107477	0	0	0	0.107477	0.958072	0	0	0.958072	0.00516	0	0	0.00516	0.006732	48.64625
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1630.614	0.005353	0	0.037976	0.04333	0.006723	0	0.019117	0.02584	0.016704	0	0.152336	0.16904	0.118196	0.035498	0.032302	0.355037	0.024374	0	0.166789	0.191163	0.118196	0.035498	0.032302	0.37716	2.533859	0	1.168572	3.702431	0.015518	0	0.000618	0.016136	0.191784	172.1131
20481.26	0.777967	0	1.222216	2.000183	0.957863	0	0.352349	1.310212	3.65109	0	6.823383	10.47447	7.098362	1.964428	5.867841	25.4051	5.302522	0	7.470485	12.77301	7.098362	1.964428	5.867841	27.70364	151.2402	0	66.39556	217.6357	0.195381	0	0.007293	0.202675	2.009073	2161.819
8.179199	0.000281	0	0	0.000281	0.001287	0	0	0.001287	0.006044	0	0	0.006044	0	0	0	0.006044	0.006881	0	0	0.006881	0	0	0	0.006881	0.0348	0	0	0.0348	7.74E-05	0	0	7.74E-05	5.92E-05	0.729988
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.108355	3.55E-07	0	2.51E-06	2.87E-06	4.49E-07	0	1.26E-06	1.71E-06	1.11E-06	0	1.01E-05	1.12E-05	7.18E-06	1.93E-06	1.99E-06	2.23E-05	1.62E-06	0	1.1E-05	1.26E-05	7.18E-06	1.93E-06	1.99E-06	2.37E-05	0.000167	0	7.75E-05	0.000244	1.03E-06	0	4.62E-08	1.07E-06	1.51E-05	0.011437
95601.71	1.337499	0	3.360384	4.697882	2.374117	0	1.392786	3.766903	5.787516	0	16.73886	22.52638	10.58233	3.155898	7.811752	44.07636	8.38707	0	18.32643	26.7135	10.58233	3.155898	7.811752	48.26348	323.9259	0	152.6183	476.5442	0.916763	0	0.029275	0.946037	7.698694	10090.86
263.3738	0.000797	0	0	0.000797	0.041457	0	0	0.041457	0.017163	0	0	0.017163	0	0	0	0.017163	0.019539	0	0	0.019539	0	0	0	0.019539	0.135826	0	0	0.135826	0.002493	0	0	0.002493	0.002378	23.50592
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61.96225	0.000204	0	0.001374	0.001578	0.000257	0	0.000695	0.000952	0.000634	0	0.005482	0.006116	0.003435	0.000989	0.000979	0.011518	0.000925	0	0.006002	0.006927	0.003435	0.000989	0.000979	0.012329	0.095828	0	0.042061	0.137889	0.000586	0	2.67E-05	0.000613	0.008524	6.540182
18794.88	0.308156	0.078044	0.389606	0.775807	0.390347	0.001928	0.501473	0.893748	1.609368	0.297446	2.018997	3.92581	2.148839	0.615483	3.07396	9.764093	2.306336	0.433671	2.209882	4.949889	2.148839	0.615483	3.07396	10.78817	39.45307	2.366897	28.54022	70.36019	0.182816	0.000776	0.002395	0.185987	0.970833	1983.82
9504.502	0.165387	0.002235	0	0.167622	1.486471	0.009621	0	1.496092	3.56068	0.048119	0	3.608799	0	0	0	3.608799	4.053597	0.05478	0	4.108378	0	0	0	4.108378	11.05458	0.398836	0	11.45342	0.0894	0.000579	0	0.089979	1.962251	848.2699
2965.664	0.030849	0.011229	0.052097	0.094175	0.048804	0.00028	0.071434	0.120518	0.150965	0.042024	0.262811	0.4558	0.263053	0.07269	0.363579	1.155122	0.220258	0.061321	0.287745	0.569324	0.263053	0.07269	0.363579	1.268645	4.085076	0.33564	4.088658	8.509374	0.028872	0.000126	0.000349	0.029347	0.140671	313.029
4298.389	0.050089	0.000781	0	0.050871	0.671248	0.005356	0	0.676604	1.078397	0.016815	0	1.095212	0	0	0	1.095212	1.227683	0.019143	0	1.246826	0	0	0	1.246826	3.029853	0.139373	0	3.169226	0.040371	0.000322	0	0.040693	0.874907	383.6281
953.6378	0.932884	0	0.32603	1.258914	0.196453	0	0.015699	0.212151	6.497659	0	2.490966	8.988625	3.485586	5.452578	5.661227	23.58802	7.632684	0	2.70635	10.33903	3.485586	5.452578	5.661227	24.93843	72.03001	0	12.59751	84.62752	0.00859	0	0.000847	0.009437	0.037326	100.6575
79709.82	1.459766	0	3.290039	4.749805	2.306935	0	1.158509	3.465443	7.090411	0	17.82337	24.91378	9.355532	2.810224	7.104377	44.18391	9.929283	0	19.51164	29.44092	9.355532	2.810224	7.104377	48.71105	300.641	0	127.9826	428.6235	0.763095	0	0.025682	0.788777	5.264663	8413.456
1274.317	0.002556	0	0	0.002556	0.200589	0	0	0.200589	0.055025	0	0	0.055025	0	0	0	0.055025	0.062642	0	0	0.062642	0	0	0	0.062642	0.789307	0	0	0.789307	0.012064	0	0	0.012064	0.008889	113.7319
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99.78077	0.000319	0	0.002259	0.002578	0.000406	0	0.001139	0.001544	0.000994	0	0.009036	0.010029	0.00603	0.00166	0.001713	0.019433	0.00145	0	0.009893	0.011343	0.00603	0.00166	0.001713	0.020747	0.152594	0	0.069344	0.221938	0.000933	0	5.47E-05	0.000987	0.013824	10.53197
1978.143	0.030516	0	0.000546	0.031061	0.038411	0	0.000466	0.038877	0.157628	0	0.002624	0.160252	0.696695	0.21217	0.004416	1.073533	0.219121	0	0.002868	0.22199	0.696695	0.21217	0.004416	1.135271	4.741795	0	0.050542	4.792336	0.019571	0	4.18E-06	0.019575	0.046756	208.7951
390.1215	0.001996	0	0	0.001996	0.061409	0	0	0.061409	0.042969	0	0	0.042969	0	0	0	0.042969	0.048917	0	0	0.048917	0	0	0	0.048917	0.1617	0	0	0.1617	0.003693	0	0	0.003693	0.042768	34.81806
5695.192	0.106227	0.015548	0.07747	0.199245	0.130905	0.000411	0.040552	0.171868	0.584041	0.064694	0.480216	1.12895	0.267254	0.082983	0.547806	2.026993	0.824311	0.093814	0.52482	1.442945	0.267254	0.082983	0.547806	2.340987	14.30457	0.943306	8.731023	23.9789	0.055328	0.000359	0.00067	0.056357	0.139064	601.1336
15202.06	0.121631	0.008751	0	0.130383	2.275243	0.117695	0	2.392938	2.618692	0.188409	0	2.807101	0	0	0	2.807101	2.981181	0.214489	0	3.19567	0	0	0	3.19567	7.860957	2.398764	0	10.25972	0.136751	0.007074	0	0.143825	1.716419	1356.773
102.2435	0.05981	0.03662	0	0.09643	0.018771	0.002072	0	0.020843	0.000855	0.000523	0	0.001378	0	0	0	0.001378	0.06104	0.037373	0	0.098414	0	0	0	0.098414	0.266325	0.054573	0	0.320898	0	0	0	0	0.105054	11.81779
1530.773	0.01767	0.003358	0.013922	0.03495	0.028517	8.89E-05	0.010558	0.039164	0.088674	0.012967	0.076602	0.178243	0.044058	0.013039	0.048748	0.284088	0.127889	0.018896	0.083813	0.230598	0.044058	0.013039	0.048748	0.336443	2.148418	0.100342	1.507435	3.756195	0.014966	6.7E-05	0.000115	0.015148	0.037696	161.5747
1150.807	0.019608	0.00087	0	0.020478	0.176317	0.00483	0	0.181147	0.42215	0.01873	0	0.44088	0	0	0	0.44088	0.480585	0.021323	0	0.501908	0	0	0	0.501908	1.123395	0.157682	0	1.281077	0.010597	0.00029	0	0.010888	0.110452	102.7087
36.34992	0.021997	0.00267	0	0.024667	0.007271	0.00014	0	0.00741	0.000314	3.81E-05	0	0.000352	0	0	0	0.000352	0.02245	0.002725	0	0.025174	0	0	0	0.025174	0.105005	0.0031	0	0.108105	0	0	0	0	0.040253	4.201497
366.166	0.032358	0.017616	0.003013	0.052987	0.022109	0.000585	0.001598	0.024293	0.201524	0.080217	0.019448	0.301189	0.029668	0.010333	0.023521	0.364711	0.273243	0.11615	0.021245	0.410638	0.029668	0.010333	0.023521	0.47416	4.575004	0.619487	0.387197	5.581688	0.003401	0.000203	1.97E-05	0.003623	0.016352	38.64922
635.7648	0.002293	0.000203	0	0.002495	0.092275	0.0078	0	0.100075	0.049359	0.004366	0	0.053725	0	0	0	0.053725	0.056191	0.00497	0	0.061161	0	0	0	0.061161	0.132475	0.07722	0	0.209695	0.005546	0.000469	0	0.006015	0.050467	56.74155
183.2215	0.460332	0.060183	0	0.520515	0.034016	0.003335	0	0.037351	0.006577	0.00086	0	0.007437	0	0	0	0.007437	0.469802	0.061421	0	0.531224	0	0	0	0.531224	1.604652	0.082079	0	1.686731	0	0	0	0	0.108262	21.17761
349.5656	0.000912	0	0.001208	0.002119	0.003655	0	0.001032	0.004687	0.003048	0	0.005052	0.008099	0.002353	0.000727	0.001359	0.012538	0.004447	0	0.005531	0.009978	0.002353	0.000727	0.001359	0.014417	0.123189	0	0.095342	0.218531	0.00345	0	9.27E-06	0.003459	0.011595	36.89702
578.1144	0.001873	0	0	0.001873	0.091	0	0	0.091	0.040329	0	0	0.040329	0	0	0	0.040329	0.045912	0	0	0.045912	0	0	0	0.045912	0.10867	0	0	0.10867	0.005473	0	0	0.005473	0.063335	51.59629
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2043.305	2.568758	0	0	2.568758	0.416541	0	0	0.416541	0.22385	0	0	0.22385	0	0	0	0.22385	2.83482	0	0	2.83482	0	0	0	2.83482	25.35731	0	0	25.35731	0	0	0	0	0.900854	236.1749
34.46542	0.005939	0	2.3E-07	0.005939	0.004019	0	0.000164	0.004183	0.041227	0	1.22E-06	0.041228	0.0046	0.001594	0.010737	0.058159	0.055954	0	1.33E-06	0.055955	0.0046	0.001594	0.010737	0.072886	1.64704	0	0.027085	1.674125	0.000335	0	5.53E-06	0.000341	0.000517	3.634335
77300.58	0.145937	0.08853	0	0.234467	11.44237	0.736368	0	12.17874	3.14198	1.90602	0	5.048	0	0	0	5.048	3.576905	2.169858	0	5.746763	0	0	0	5.746763	12.45195	24.23363	0	36.68558	0.687732	0.044259	0	0.73199	8.283219	6905.23
1653.35	2.533796	0.447428	0	2.981224	0.30874	0.028306	0	0.337046	0.076701	0.007923	0	0.084624	0	0	0	0.084624	2.632065	0.458376	0	3.090441	0	0	0	3.090441	13.23799	1.02553	0	14.26352	0	0	0	0	0.899285	191.1021
154324.1	1.949128	0	6.061937	8.011065	3.051305	0	2.458945	5.51025	8.169334	0	29.75958	37.92891	25.17734	7.494114	18.47801	89.07837	11.91049	0	32.58265	44.49314	25.17734	7.494114	18.47801	95.64259	504.364	0	280.4262	784.7902	1.473728	0	0.051922	1.52565	15.29762	16273.28
446.5133	0.003484	0	0	0.003484	0.070348	0	0	0.070348	0.075008	0	0	0.075008	0	0	0	0.075008	0.085391	0	0	0.085391	0	0	0	0.085391	0.778259	0	0	0.778259	0.004231	0	0	0.004231	0.005544	39.88686
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1600.001	0.005141	0	0.04161	0.04675	0.006368	0	0.020645	0.027013	0.016291	0	0.169575	0.185866	0.127156	0.040252	0.035589	0.388863	0.023772	0	0.185664	0.209436	0.127156	0.040252	0.035589	0.412432	2.46964	0	1.30101	3.770649	0.015134	0	0.000684	0.015818	0.192506	168.7181
17412.59	0.603001	0	1.103284	1.706285	0.756603	0	0.32644	1.083044	2.82338	0	6.173135	8.996515	6.689104	1.812232	5.428954	22.9268	4.114325	0	6.758721	10.87305	6.689104	1.812232	5.428954	24.80334	119.994	0	59.8552	179.8492	0.165265	0	0.006876	0.172141	1.707038	1836.136
6.352326	0.000218	0	0	0.000218	0.001001	0	0	0.001001	0.00469	0	0	0.00469	0	0	0	0.00469	0.005339	0	0	0.005339	0	0	0	0.005339	0.027023	0	0	0.027023	6.02E-05	0	0	6.02E-05	4.6E-05	0.567451
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.580612	1.88E-06	0	1.44E-05	1.62E-05	2.33E-06	0	7.16E-06	9.49E-06	5.92E-06	0	5.81E-05	6.41E-05	3.15E-05	9.59E-06	9.49E-06	0.000115	8.63E-06	0	6.37E-05	7.23E-05	3.15E-05	9.59E-06	9.49E-06	0.000123	0.000895	0	0.000446	0.001342	5.48E-06	0	2.61E-07	5.74E-06	8.05E-05	0.061225
84236.65	1.046219	0	3.135139	4.181358	1.894131	0	1.310712	3.204843	4.447087	0	15.58664	20.03373	10.64578	3.054367	7.823174	41.55705	6.484948	0	17.06534	23.55029	10.64578	3.054367	7.823174	45.07361	264.5128	0	142.8781	407.3909	0.804089	0	0.028676	0.832765	7.01478	8882.65
238.5517	0.000675	0	0	0.000675	0.037584	0	0	0.037584	0.014538	0	0	0.014538	0	0	0	0.014538	0.016551	0	0	0.016551	0	0	0	0.016551	0.122276	0	0	0.122276	0.00226	0	0	0.00226	0.002174	21.30973

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87.51665	0.000282	0	0.002175	0.002457	0.000349	0	0.001084	0.001433	0.000888	0	0.00882	0.009708	0.005171	0.001535	0.001513	0.017927	0.001296	0	0.009657	0.010953	0.005171	0.001535	0.001513	0.019172	0.134402	0	0.067674	0.202076	0.000823	0	4.27E-05	0.000865	0.012014	9.228521
16104.85	0.239216	0.074787	0.360375	0.674378	0.307537	0.00184	0.475415	0.784792	1.231971	0.28707	1.866508	3.385549	2.082667	0.571835	2.951121	8.991172	1.788509	0.418803	2.043437	4.250749	2.082667	0.571835	2.951121	9.856373	30.72996	2.31402	27.65294	60.69692	0.15611	0.000754	0.002349	0.159213	0.843567	1698.237
8223.427	0.13904	0.002214	0	0.141254	1.286124	0.00948	0	1.295604	2.99346	0.047665	0	3.041124	0	0	0	3.041124	3.407855	0.054263	0	3.462118	0	0	0	3.462118	9.227866	0.39507	0	9.622936	0.077351	0.00057	0	0.077921	1.784163	734.5954
2546.662	0.023633	0.010821	0.049279	0.083734	0.038668	0.000268	0.068177	0.107114	0.115449	0.040902	0.250614	0.406964	0.258336	0.069657	0.352828	1.087786	0.168436	0.059684	0.27439	0.50251	0.258336	0.069657	0.352828	1.183331	3.24264	0.331238	3.997442	7.57132	0.02471	0.000124	0.000342	0.025176	0.122227	268.5423
3784.773	0.042842	0.000792	0	0.043634	0.590893	0.0054	0	0.596292	0.922369	0.017054	0	0.939422	0	0	0	0.939422	1.050056	0.019414	0	1.06947	0	0	0	1.06947	2.575887	0.141349	0	2.717236	0.035538	0.000325	0	0.035863	0.802857	338.0922
833.6751	0.788944	0	0.315347	1.104291	0.167776	0	0.015047	0.182823	5.482313	0	2.415532	7.897844	3.466644	5.420471	5.651288	22.43625	6.461139	0	2.624613	9.085752	3.466644	5.420471	5.651288	23.62415	61.03924	0	12.48775	73.52699	0.007414	0	0.000827	0.008242	0.032454	87.91
69422.83	1.145017	0	3.027929	4.172946	1.832087	0	1.081122	2.913209	5.551319	0	16.43893	21.99025	9.382669	2.71337	7.061364	41.14765	7.803004	0	17.99638	25.79938	9.382669	2.71337	7.061364	44.95678	245.5033	0	119.2252	364.7285	0.66133	0	0.024985	0.686315	4.704104	7320.551
1104.246	0.002199	0	0	0.002199	0.173974	0	0	0.173974	0.047341	0	0	0.047341	0	0	0	0.047341	0.053894	0	0	0.053894	0	0	0	0.053894	0.698132	0	0	0.698132	0.010463	0	0	0.010463	0.007747	98.64186
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98.37927	0.000307	0	0.00251	0.002817	0.000383	0	0.001245	0.001629	0.000972	0	0.010219	0.011191	0.006693	0.001894	0.001938	0.021715	0.001418	0	0.011188	0.012607	0.006693	0.001894	0.001938	0.023131	0.14892	0	0.078432	0.227352	0.000911	0	6.16E-05	0.000973	0.013499	10.37397
1642.384	0.022037	0	0.000479	0.022516	0.030028	0	0.000453	0.030481	0.108589	0	0.002185	0.110774	0.638609	0.185501	0.00399	0.938874	0.15461	0	0.002391	0.157	0.638609	0.185501	0.00399	0.985101	3.219767	0	0.046006	3.265772	0.016233	0	3.82E-06	0.016237	0.038991	173.1874
338.4207	0.001716	0	0	0.001716	0.053318	0	0	0.053318	0.036954	0	0	0.036954	0	0	0	0.036954	0.042069	0	0	0.042069	0	0	0	0.042069	0.138577	0	0	0.138577	0.003207	0	0	0.003207	0.038573	30.23099
4857.612	0.073109	0.014857	0.062846	0.150812	0.098579	0.000398	0.038112	0.13709	0.380389	0.060987	0.363523	0.804898	0.23008	0.061369	0.462866	1.559212	0.555062	0.088992	0.398012	1.042065	0.23008	0.061369	0.462866	1.79638	9.003318	0.892998	8.042057	17.93837	0.04709	0.000337	0.000595	0.048022	0.119722	512.2291
15084.18	0.064095	0.005549	0	0.069645	2.262769	0.11375	0	2.376519	1.379957	0.119475	0	1.499433	0	0	0	1.499433	1.570976	0.136014	0	1.70699	0	0	0	1.70699	4.399495	2.169364	0	6.568859	0.136001	0.006837	0	0.142838	2.138073	1347.464
121.5919	0.071441	0.043414	0	0.114854	0.022217	0.00257	0	0.024787	0.001021	0.00062	0	0.001641	0	0	0	0.001641	0.07291	0.044307	0	0.117217	0	0	0	0.117217	0.309966	0.071971	0	0.381937	0	0	0	0	0.1242	14.05417
1271.16	0.01359	0.003193	0.012618	0.029401	0.022297	8.44E-05	0.009946	0.032327	0.067788	0.012444	0.068527	0.148759	0.043512	0.012107	0.047869	0.252246	0.098585	0.018154	0.075018	0.191757	0.043512	0.012107	0.047869	0.295244	1.624186	0.096381	1.428192	3.148759	0.012394	6.42E-05	0.000109	0.012567	0.031358	134.0423
1117.626	0.00703	0.000543	0	0.007574	0.17145	0.004633	0	0.176082	0.151364	0.011696	0	0.163059	0	0	0	0.163059	0.172316	0.013315	0	0.185631	0	0	0	0.185631	0.450501	0.13822	0	0.588721	0.010305	0.000278	0	0.010583	0.140188	99.83709
43.5883	0.026534	0.003335	0	0.029869	0.008705	0.000181	0	0.008886	0.000379	4.77E-05	0	0.000427	0	0	0	0.000427	0.02708	0.003404	0	0.030484	0	0	0	0.030484	0.124592	0.004282	0	0.128874	0	0	0	0	0.048066	5.038143
282.1033	0.006533	0.01615	0.002088	0.024771	0.011246	0.000555	0.001591	0.013391	0.032396	0.071687	0.012278	0.11636	0.015304	0.004219	0.010789	0.146672	0.047272	0.104605	0.013443	0.16532	0.015304	0.004219	0.010789	0.195631	0.753247	0.555332	0.316985	1.625564	0.002594	0.000178	1.65E-05	0.002789	0.01358	29.74744
629.3308	0.002185	0.000191	0	0.002376	0.091405	0.007746	0	0.099151	0.047045	0.004115	0	0.051159	0	0	0	0.051159	0.053557	0.004684	0	0.058241	0	0	0	0.058241	0.127401	0.078178	0	0.205579	0.005494	0.000466	0	0.005959	0.052632	56.21787
188.2509	0.46785	0.061469	0	0.529319	0.034937	0.003439	0	0.038376	0.006685	0.000878	0	0.007563	0	0	0	0.007563	0.477475	0.062734	0	0.540209	0	0	0	0.540209	1.620934	0.086147	0	1.707082	0	0	0	0	0.111757	21.75893
351.2137	0.000824	0	0.001145	0.001969	0.003372	0	0.001003	0.004374	0.002592	0	0.004707	0.007298	0.002004	0.000632	0.00121	0.011145	0.003782	0	0.005153	0.008935	0.002004	0.000632	0.00121	0.012781	0.113981	0	0.096161	0.210141	0.003463	0	9.32E-06	0.003472	0.011708	37.03505
517.1798	0.001692	0	0	0.001692	0.081482	0	0	0.081482	0.036438	0	0	0.036438	0	0	0	0.036438	0.041482	0	0	0.041482	0	0	0	0.041482	0.048115	0	0	0.048115	0.004901	0	0	0.004901	0.071742	46.19947
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2125.777	2.33071	0	0	2.33071	0.433354	0	0	0.433354	0.095155	0	0	0.095155	0	0	0	0.095155	2.449101	0	0	2.449101	0	0	0	2.449101	30.57702	0	0	30.57702	0	0	0	0	0.936091	245.7074
33.9672	0.00469	0	2.77E-07	0.00469	0.003875	0	0.000127	0.004001	0.028991	0	1.46E-06	0.028992	0.00336	0.000963	0.007919	0.041234	0.042303	0	1.6E-06	0.042305	0.00336	0.000963	0.007919	0.054546	1.357566	0	0.02305	1.380616	0.000332	0	3.52E-06	0.000336	0.000552	3.581799
78177.79	0.091025	0.090602	0	0.181626	11.5569	0.760042	0	12.31694	1.959735	1.950628	0	3.910363	0	0	0	3.910363	2.23101	2.220641	0	4.451651	0	0	0	4.451651	7.978986	26.19509	0	34.17408	0.694615	0.045682	0	0.740297	8.863571	6983.591
1749.469	2.53783	0.477007	0	3.014837	0.325688	0.030953	0	0.356641	0.073258	0.008213	0	0.08147	0	0	0	0.08147	2.632193	0.488413	0	3.120606	0	0	0	3.120606	13.64568	1.109657	0	14.75534	0	0	0	0	0.96298	202.2119
173650.2	2.023782	0	5.722282	7.746064	3.291259	0	2.410839	5.702098	8.211099	0	27.25757	35.46867	24.32945	7.129157	17.73495	84.66222	11.97411	0	29.84339	41.8175	24.32945	7.129157	17.73495	91.01105	537.8994	0	258.7496	796.649	1.666641	0	0.050068	1.716709	17.94707	18311.2
479.4331	0.003606	0	0	0.003606	0.075535	0	0	0.075535	0.077632	0	0	0.077632	0	0	0	0.077632	0.088379	0	0	0.088379	0	0	0	0.088379	0.827466	0	0	0.827466	0.004543	0	0	0.004543	0.005987	42.82757
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2059.605	0.00677	0	0.047817	0.054587	0.008508	0	0.024067	0.032576	0.02111	0	0.191748	0.212858	0.139424	0.046281	0.040157	0.438721	0.030804	0	0.20994	0.240744	0.139424	0.046281	0.040157	0.466606	3.198044	0	1.471293	4.669337	0.019596	0	0.000765	0.020361	0.255726	217.1828
19322.99	0.631396	0	1.02207	1.653466	0.802151	0	0.312397	1.114548	2.906296	0	5.594353	8.500649	6.315232	1.682978	5.038099	21.53696	4.23624	0	6.125052	10.36129	6.315232	1.682978	5.038099	23.3976	125.3487	0	54.01224	179.3609	0.184519	0	0.006508	0.191027	1.924399	2037.585
6.519728	0.000224	0	0	0.000224	0.001027	0	0	0.001027	0.004813	0	0	0.004813	0	0	0	0.004813	0.00548	0	0	0.00548	0	0	0	0.00548	0.027655	0	0	0.027655	6.18E-05	0	0	6.18E-05	4.72E-05	0.582405
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.168198	7.18E-06	0	4.78E-05	5.5E-05	9.03E-06	0	2.42E-05	3.33E-05	2.23E-05	0	0.000191	0.000213	9.91E-05	3.1E-05	2.98E-05	0.000373	3.25E-05	0	0.000209	0.000241	9.91E-05	3.1E-05	2.98E-05	0.000401	0.00337	0	0.001462	0.004832	2.06E-05	0	8.34E-07	2.14E-05	0.000303	0.228634
97045.87	1.128536	0	3.027315	4.155851	2.060874	0	1.288024	3.348899	4.665008	0	14.62189	19.2869	10.66804	2.984491	7.80531	40.74474	6.804569	0	16.0091	22.81367	10.66804	2.984491	7.80531	44.27151	287.6862	0	134.7892	422.4754	0.931159	0	0.028238	0.959397	8.482091	10233.37
286.98	0.000787	0	0	0.000787	0.045214	0	0	0.045214	0.016943	0	0	0.016943	0	0	0	0.016943	0.019288	0	0	0.019288	0	0	0	0.019288	0.147582	0	0	0.147582	0.002719	0	0	0.002719	0.00265	25.63581
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163.1307	0.000537	0	0.003635	0.004172	0.000676	0	0.001837	0.002512	0.001667	0	0.014507	0.016174	0.008043	0.002449	0.002375	0.029041	0.002433	0	0.015883	0.018316	0.008043	0.002449	0.002375	0.031183	0.252423	0	0.111309	0.363733	0.001544	0	6.86E-05	0.001613	0.022616	17.20192
18159.92	0.25361	0.073887	0.346118	0.673615	0.330163	0.001865	0.47897	0.810998	1.289389	0.27708	1.749133	3.315602	2.065056	0.547245	2.899846	8.827749	1.881474	0.404314	1.915081	4.200868	2.065056	0.547245	2.899846	9.713015	32.94364	2.272522	27.1438	62.35996	0.176479	0.000737	0.002313	0.179529	0.971818	1914.941
9445.243	0.15396	0.002197	0	0.156156	1.478756	0.009346	0	1.488102	3.314659	0.047291	0	3.36195	0	0	0	3.36195	3.773518	0.053838	0	3.827356	0	0	0	3.827356	10.1261	0.391974	0	10.51807	0.088936	0.000562	0	0.089498	2.165241	843.7399
2856.595	0.024155	0.010688	0.047745	0.082588	0.041642	0.00027	0.068615	0.110528	0.116028	0.039538	0.237507	0.393073	0.257713	0.067417	0.347393	1.065596	0.169308	0.057693	0.26004	0.487041	0.257713	0.067417	0.347393	1.159565	3.39856	0.325746	3.893876	7.618182	0.027785	0.000121	0.000334	0.02824	0.139468	301.2244
4412.634	0.048389	0.000804	0	0.049193	0.689771	0.005441	0	0.695212	1.041796	0.017305	0	1.059102	0	0	0	1.059102	1.186016	0.019701	0	1.205717	0	0	0	1.205717	2.88504	0.143434	0	3.028474	0.041485	0.000327	0	0.041812	0.978607	394.1788
943.0641	0.890146	0	0.30927	1.199415	0.190831	0	0.01461	0.205441	6.107428	0	2.348269	8.455697	3.473928	5.4099	5.6685	23.00803	7.221967	0	2.551736	9.773703	3.473928	5.4099	5.6685	24.32603	68.20815	0	12.39758	80.60573	0.008513	0	0.00081	0.009323	0.037599	99.44494
79060.99	1.200074	0	2.863382	4.063457	1.964449	0	1.045262	3.00971	5.606002	0	15.13105	20.73706	9.463621	2.634818	7.072311	39.90781	7.945483	0	16.56509	24.51057	9.463621	2.634818	7.072311	43.68132	259.9234	0	110.9609	370.8843	0.757249	0	0.02435	0.781598	5.584928	8336.882
1262.706	0.00246	0	0	0.00246	0.19894	0	0	0.19894	0.052964	0	0	0.052964	0	0	0	0.052964	0.060296	0	0	0.060296	0	0	0	0.060296	0.807464	0	0	0.807464	0.011965	0	0	0.011965	0.008924	112.797
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128.632	0.000412	0	0.002954	0.003365	0.000521	0	0.001486	0.002007	0.001284	0	0.011844	0.013128	0.007555	0.002192	0.002218	0.025093	0.001874	0	0.012968	0.014842	0.007555	0.002192	0.002218	0.026806	0.196303	0	0.090912	0.287215	0.001201	0	7.06E-05	0.001272	0.017785	13.56408
1805.269	0.02099	0	0.000429	0.021419	0.031011	0	0.000442	0.031453	0.098322	0	0.001863	0.100184	0.58303	0.163088	0.003595	0.849897	0.143471	0	0.002039	0.14551	0.58303	0.163088	0.003595	0.895223	2.857967	0	0.042045	2.900013	0.017843	0	3.52E-06	0.017847	0.043044	190.3633
389.0843	0.001952	0	0	0.001952	0.0613	0	0	0.0613	0.042021	0	0	0.042021	0	0	0	0.042021	0.047838	0	0	0.047838	0	0	0	0.047838	0.156923	0	0	0.156923	0.003687	0	0	0.003687	0.046048	34.75674
5427.212	0.070207	0.014733	0.059748	0.144688	0.099596	0.000405	0.037661	0.137662	0.359731	0.058812	0.338031	0.756574	0.210285	0.052364	0.415439	1.434662	0.524918	0.085819	0.370101	0.980838	0.210285	0.052364	0.415439	1.658926	8.489405	0.860143	7.413048	16.7626	0.052767	0.000322	0.000564	0.053654	0.135714	572.2928
15256.94	0.029272	0.004137	0	0.033409	2.294673	0.109064	0	2.403736	0.630213	0.089063	0	0.719276	0	0	0	0.719276	0.71745	0.101391	0	0.818841	0	0	0	0.818841	2.042306	2.097068	0	4.139374	0.137919	0.006555	0	0.144474	2.473814	1362.896
136.5701	0.081078	0.049078	0	0.130156	0.024901	0.002939	0	0.027841	0.001158	0.000701	0	0.00186	0	0	0	0.00186	0.082746	0.050088	0	0.132834	0	0	0	0.132834	0.347891	0.084964	0	0.432854	0	0	0	0	0.140109	15.78543
1379.638	0.014063	0.003131	0.012055	0.02925	0.023396	8.36E-05	0.009808	0.033287	0.069477	0.012	0.06422	0.145697	0.045623	0.012036	0.050086	0.253441	0.101381	0.01751	0.070313	0.189204	0.045623	0.012036	0.050086	0.296948	1.656916	0.092957	1.357308	3.107181	0.013474	6.17E-05	0.000104	0.013639	0.034318	145.4811
1113.214	0.004013	0.000463	0	0.004476	0.170898	0.004489	0	0.175387	0.086404	0.009973	0	0.096377	0	0	0	0.096377	0.098364	0.011354	0	0.109718	0	0	0	0.109718	0.271419	0.133952	0	0.405371	0.010272	0.00027	0	0.010541	0.152365	99.443
47.37388	0.028862	0.003749	0	0.032611	0.009453	0.000205	0	0.009657	0.000412	5.36E-05	0	0.000466	0	0	0	0.000466	0.029456	0.003826	0	0.033282	0	0	0	0.033282	0.135238	0.004917	0	0.140155	0	0	0	0	0.05235	5.475697
328.4166	0.007174	0.016673	0.002124	0.025971	0.012921	0.000572	0.001661	0.015154	0.03529	0.072487	0.012275	0.120052	0.015449	0.004127	0.010562	0.15019	0.051495	0.105773	0.01344	0.170707	0.015449	0.004127	0.010562	0.200845	0.818267	0.56127	0.312525	1.692062	0.003051	0.000179	1.65E-05	0.003247	0.016035	34.63112
622.4835	0.002086	0.000184	0	0.00227	0.09035	0.007722	0	0.098073	0.044918	0.003958	0	0.048876	0	0	0	0.048876	0.051135	0.004506	0	0.055642	0	0	0	0.055642	0.122732	0.080268	0	0.203	0.00543	0.000464	0	0.005895	0.054668	55.60621
193.2929	0.475818	0.063508	0	0.539326	0.035808	0.003596	0	0.039404	0.006799	0.000907	0	0.007706	0	0	0	0.007706	0.485607	0.064814	0	0.550422	0	0	0	0.550422	1.638352	0.09272	0	1.731072	0	0	0	0	0.115395	22.34171
353.6282	0.000821	0	0.001182	0.002003	0.003525	0	0.001012	0.004537	0.002587	0	0.00487	0.007457	0.002106	0.000684	0.001269	0.011517	0.003775	0	0.005333	0.009108	0.002106	0.000684	0.001269	0.013167	0.116602	0	0.096415	0.213016	0.003487	0	9.39E-06	0.003496	0.011795	37.28965
513.5775	0.001693	0	0	0.001693	0.080914	0	0	0.080914	0.03644	0	0	0.03644	0	0	0	0.03644	0.041484	0	0	0.041484	0	0	0	0.041484	0.043098	0	0	0.043098	0.004866	0	0	0.004866	0.074051	45.87767
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2154.096	2.148014	0	0	2.148014	0.439127	0	0	0.439127	0.031665	0	0	0.031665	0	0	0	0.031665	2.19327	0	0	2.19327	0	0	0	2.19327	32.7631	0	0	32.7631	0	0	0	0	0.946681	248.9807
29.83888	0.003535	0	3.23E-07	0.003535	0.003061	0	7.55E-05	0.003136	0.021394	0	1.7E-06	0.021396	0.002504	0.000667	0.005894	0.030461	0.031219	0	1.86E-06	0.03122	0.002504	0.000667	0.005894	0.040285	1.029517	0	0.018729	1.048246	0.000292	0	2.79E-06	0.000295	0.000513	3.146473
78889.61	0.058759	0.093204	0	0.151963	11.64949	0.779595	0	12.42909	1.265064	2.006658	0	3.271723	0	0	0	3.271723	1.440179	2.284428	0	3.724607	0	0	0	3.724607	4.983372	27.9983	0	32.98168	0.700181	0.046857	0	0.747037	9.345326	7047.178
1819.165	2.520909	0.499849	0	3.020758	0.337695	0.033154	0	0.370849	0.069706	0.008414	0	0.07812	0	0	0	0.07812	2.611153	0.511582	0	3.122735	0	0	0	3.122735	13.86504	1.189903	0	15.05494	0	0	0	0	1.012368	210.2677
171382.8	1.813789	0	5.355302	7.169091	3.061639	0	2.330851	5.392489	7.213142	0	25.11462	32.32776	23.59415	6.789557	17.14711	79.85857	10.52091	0	27.49721	38.01813	23.59415	6.789557	17.14711	85.54894	501.7836	0	240.4453	742.2289	1.645689	0	0.048605	1.694294	18.50232	18072.11
445.8747	0.003234	0	0	0.003234	0.070248	0	0	0.070248	0.069636	0	0	0.069636	0	0	0	0.069636	0.079276	0	0	0.079276	0	0	0	0.079276	0.761297	0	0	0.761297	0.004225	0	0	0.004225	0.0056	39.82981
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2303.171	0.007549	0	0.054415	0.061963	0.009474	0	0.027328	0.036802	0.023593	0	0.21871	0.242303	0.153623	0.052734	0.046038	0.494698	0.034426	0	0.23946	0.273886	0.153623	0.052734	0.046038	0.526281	3.574836	0	1.678309	5.253145	0.021908	0	0.000861	0.022769	0.29217	242.8665
18773.17	0.565021	0	0.935316	1.500338	0.729711	0	0.295069	1.02478	2.582841	0	5.067111	7.649952	5.982967	1.562947	4.701059	19.89692	3.766066	0	5.547811	9.313878	5.982967	1.562947	4.701059	21.56085	113.4049	0	48.77289	162.1778	0.179408	0	0.006184	0.185592	1.899015	1979.607
5.799326	0.000198	0	0	0.000198	0.000914	0	0	0.000914	0.004268	0	0	0.004268	0	0	0	0.004268	0.004858	0	0	0.004858	0	0	0	0.004858	0.024517	0	0	0.024517	5.5E-05	0	0	5.5E-05	4.2E-05	0.518051
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4.622415	1.52E-05	0	0.000107	0.000122	1.9E-05	0	5.39E-05	7.29E-05	4.74E-05	0	0.00043	0.000477	0.000197	6.52E-05	5.97E-05	0.000799	6.91E-05	0	0.00047	0.000539	0.000197	6.52E-05	5.97E-05	0.000861	0.007177	0	0.003295	0.010471	4.39E-05	0	1.83E-06	4.57E-05	0.000645	0.487428
98119.58	1.052449	0	2.902264	3.954714	1.93591	0	1.253993	3.189903	4.28528	0	13.81452	18.0998	10.63079	2.915146	7.744753	39.39049	6.251388	0	15.12514	21.37653	10.63079	2.915146	7.744753	42.66722	274.5949	0	128.5201	403.1149	0.941977	0	0.028034	0.970012	9.002074	10346.59

300.6021	0.000811	0	0	0.000811	0.04736	0	0	0.04736	0.017461	0	0	0.017461	0	0	0	0.017461	0.019879	0	0	0.019879	0	0	0	0.019879	0.155189	0	0	0.155189	0.002848	0	0	0.002848	0.00282	26.85266
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
233.451	0.000763	0	0.00539	0.006154	0.000957	0	0.002712	0.00367	0.002382	0	0.021619	0.024001	0.010983	0.003497	0.00329	0.04177	0.003476	0	0.02367	0.027145	0.010983	0.003497	0.00329	0.044915	0.360954	0	0.165878	0.526832	0.002208	0	1E-04	0.002308	0.032401	24.61712
17964.87	0.231846	0.071879	0.329423	0.633148	0.301747	0.001836	0.469315	0.772898	1.177357	0.267456	1.653595	3.098409	2.001124	0.514441	2.796067	8.41004	1.717997	0.390271	1.810479	3.918747	2.001124	0.514441	2.796067	9.230379	31.19222	2.246925	26.986	60.42514	0.174591	0.000723	0.002287	0.177601	0.984209	1894.373
9515.774	0.147994	0.00219	0	0.150185	1.48997	0.009244	0	1.499214	3.18623	0.047155	0	3.233385	0	0	0	3.233385	3.62731	0.053683	0	3.680993	0	0	0	3.680993	9.620462	0.390846	0	10.01131	0.089611	0.000556	0	0.090167	2.312758	850.0404
2811.49	0.021275	0.010375	0.045578	0.077228	0.038178	0.000264	0.067061	0.105503	0.101281	0.038165	0.22528	0.364725	0.249819	0.064108	0.333673	1.012326	0.147789	0.05569	0.246653	0.450132	0.249819	0.064108	0.333673	1.097732	3.13294	0.322174	3.837846	7.292961	0.027347	0.000119	0.000328	0.027794	0.139744	296.4681
4512.133	0.047607	0.000821	0	0.048428	0.705383	0.005505	0	0.710888	1.024953	0.017665	0	1.042618	0	0	0	1.042618	1.166841	0.020111	0	1.186952	0	0	0	1.186952	2.80677	0.146419	0	2.953189	0.042424	0.000331	0	0.042755	1.047715	403.0671
951.4125	0.874191	0	0.302671	1.176862	0.189876	0	0.01416	0.204036	5.942336	0	2.290018	8.232355	3.508116	5.438131	5.729153	22.90775	7.052621	0	2.488656	9.541277	3.508116	5.438131	5.729153	24.21668	66.6252	0	12.36125	78.98645	0.00861	0	0.000796	0.009406	0.038444	100.3253
78797.4	1.0417	0	2.669231	3.710932	1.79439	0	0.997398	2.791788	4.564283	0	13.88188	18.44616	9.477918	2.521528	7.059911	37.50552	6.645535	0	15.19871	21.84425	9.477918	2.521528	7.059911	40.90361	231.442	0	103.0938	334.5358	0.755185	0	0.023808	0.778992	5.808036	8309.087
1252.407	0.002369	0	0	0.002369	0.197317	0	0	0.197317	0.051013	0	0	0.051013	0	0	0	0.051013	0.058074	0	0	0.058074	0	0	0	0.058074	0.803697	0	0	0.803697	0.011867	0	0	0.011867	0.008935	111.877
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157.4177	0.000502	0	0.003707	0.00421	0.000633	0	0.001859	0.002492	0.001573	0	0.014919	0.016492	0.008942	0.002762	0.002696	0.030891	0.002295	0	0.016335	0.01863	0.008942	0.002762	0.002696	0.033029	0.240069	0	0.114511	0.35458	0.001469	0	8.7E-05	0.001556	0.02174	16.5995
1732.046	0.017598	0	0.0004	0.017998	0.027664	0	0.000433	0.028097	0.080857	0	0.00171	0.082566	0.533867	0.142121	0.003247	0.761802	0.117986	0	0.001872	0.119858	0.533867	0.142121	0.003247	0.799093	2.280407	0	0.03823	2.318637	0.01712	0	3.29E-06	0.017123	0.041454	182.6421
390.818	0.001929	0	0	0.001929	0.061574	0	0	0.061574	0.041541	0	0	0.041541	0	0	0	0.041541	0.047291	0	0	0.047291	0	0	0	0.047291	0.154438	0	0	0.154438	0.003703	0	0	0.003703	0.048081	34.91162
5315.546	0.058064	0.014505	0.056485	0.129054	0.086727	0.000406	0.036837	0.12397	0.294489	0.057156	0.315848	0.667492	0.192849	0.047115	0.373801	1.281258	0.429717	0.083402	0.345814	0.858932	0.192849	0.047115	0.373801	1.472698	6.918487	0.835037	6.850646	14.60417	0.051702	0.00031	0.000538	0.05255	0.134684	560.5177
15418.17	0.024534	0.003863	0	0.028398	2.320126	0.109013	0	2.429139	0.52822	0.08318	0	0.6114	0	0	0	0.6114	0.601338	0.094694	0	0.696032	0	0	0	0.696032	1.750089	2.116759	0	3.866848	0.139449	0.006552	0	0.146001	2.568789	1377.299
148.5694	0.089404	0.053221	0	0.142626	0.027045	0.003242	0	0.030287	0.001277	0.00076	0	0.002038	0	0	0	0.002038	0.091244	0.054316	0	0.14556	0	0	0	0.14556	0.37755	0.097193	0	0.474742	0	0	0	0	0.152881	17.17235
1306.633	0.012533	0.00303	0.011516	0.027078	0.021071	8.13E-05	0.009503	0.030656	0.061954	0.011593	0.061293	0.13484	0.046021	0.011569	0.050493	0.242922	0.090403	0.016916	0.067109	0.174427	0.046021	0.011569	0.050493	0.28251	1.472086	0.089794	1.290164	2.852045	0.012759	5.93E-05	9.93E-05	0.012917	0.032789	137.7829
1117.933	0.003042	0.000434	0	0.003476	0.171679	0.004452	0	0.176131	0.065489	0.009349	0	0.074838	0	0	0	0.074838	0.074554	0.010643	0	0.085197	0	0	0	0.085197	0.206231	0.13529	0	0.341521	0.010319	0.000268	0	0.010586	0.158492	99.86449
49.02692	0.030001	0.003937	0	0.033938	0.009779	0.000215	0	0.009994	0.000429	5.63E-05	0	0.000485	0	0	0	0.000485	0.030618	0.004018	0	0.034636	0	0	0	0.034636	0.140123	0.005183	0	0.145305	0	0	0	0	0.054167	5.666765
336.1171	0.006764	0.016998	0.002149	0.025911	0.012832	0.000583	0.001721	0.015136	0.033221	0.073618	0.012375	0.119214	0.015277	0.00401	0.010199	0.1487	0.048476	0.107423	0.013549	0.169449	0.015277	0.00401	0.010199	0.198934	0.771292	0.569806	0.309463	1.65056	0.003125	0.000181	1.66E-05	0.003323	0.016497	35.44313
615.2943	0.001989	0.000178	0	0.002167	0.089251	0.007689	0	0.09694	0.042814	0.003838	0	0.046653	0	0	0	0.046653	0.048741	0.00437	0	0.053111	0	0	0	0.053111	0.118063	0.082515	0	0.200578	0.005364	0.000462	0	0.005826	0.056751	54.964
198.2201	0.483551	0.065558	0	0.549109	0.036656	0.003752	0	0.040408	0.006909	0.000937	0	0.007846	0	0	0	0.007846	0.493499	0.066907	0	0.560406	0	0	0	0.560406	1.654269	0.099441	0	1.75371	0	0	0	0	0.119098	22.91122
355.727	0.00082	0	0.001167	0.001987	0.003483	0	0.001001	0.004484	0.002578	0	0.004798	0.007376	0.002008	0.000662	0.001259	0.011306	0.003762	0	0.005253	0.009016	0.002008	0.000662	0.001259	0.012945	0.11705	0	0.096672	0.213722	0.003507	0	9.44E-06	0.003517	0.011881	37.51097
500.8795	0.001562	0	0	0.001562	0.078914	0	0	0.078914	0.033638	0	0	0.033638	0	0	0	0.033638	0.038294	0	0	0.038294	0	0	0	0.038294	0.039574	0	0	0.039574	0.004746	0	0	0.004746	0.07591	44.74337
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2154.644	2.38846	0	0	2.38846	0.439238	0	0	0.439238	0.035118	0	0	0.035118	0	0	0	0.035118	2.438681	0	0	2.438681	0	0	0	2.438681	34.73208	0	0	34.73208	0	0	0	0	0.961536	249.044
26.49767	0.002779	0	3.23E-07	0.00278	0.002559	0	8.56E-05	0.002644	0.016572	0	1.71E-06	0.016574	0.00188	0.000498	0.004382	0.023333	0.024182	0	1.87E-06	0.024184	0.00188	0.000498	0.004382	0.030943	0.783552	0	0.017192	0.800745	0.00026	0	2.26E-06	0.000262	0.000481	2.794146
79335.95	0.033761	0.095664	0	0.129425	11.72841	0.771004	0	12.49941	0.726855	2.059622	0	2.786477	0	0	0	2.786477	0.827469	2.344723	0	3.172192	0	0	0	3.172192	3.537696	30.02397	0	33.56166	0.704924	0.04634	0	0.751264	10.02671	7087.049
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1814.145	2.448759	0.501763	0	2.950522	0.335603	0.034222	0	0.369825	0.0656	0.008326	0	0.073926	0	0	0	0.073926	2.534016	0.513404	0	3.047419	0	0	0	3.047419	13.55	1.251482	0	14.80148	0	0	0	0	1.011429	209.6875
168283.7	1.627698	0	5.019629	6.647327	2.856833	0	2.254891	5.111724	6.341827	0	23.20446	29.54628	22.87662	6.542538	16.58324	75.54868	9.251313	0	25.40588	34.65719	22.87662	6.542538	16.58324	80.65959	468.7676	0	224.2399	693.0075	1.61647	0	0.047185	1.663656	19.01296	17745.3
410.2041	0.00284	0	0	0.00284	0.064628	0	0	0.064628	0.061146	0	0	0.061146	0	0	0	0.061146	0.069611	0	0	0.069611	0	0	0	0.069611	0.691614	0	0	0.691614	0.003887	0	0	0.003887	0.005189	36.64337
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2518.938	0.008226	0	0.060782	0.069008	0.010305	0	0.030443	0.040748	0.025783	0	0.245006	0.270788	0.169644	0.060354	0.05299	0.553776	0.037622	0	0.26825	0.305872	0.169644	0.060354	0.05299	0.58886	3.908066	0	1.880234	5.7883	0.023952	0	0.00095	0.024902	0.324835	265.6189
18153.49	0.501139	0	0.855204	1.356343	0.659771	0	0.278756	0.938526	2.273332	0	4.585452	6.858784	5.61272	1.459438	4.350334	18.28128	3.316297	0	5.02048	8.336777	5.61272	1.459438	4.350334	19.75927	101.9273	0	44.04586	145.9732	0.173585	0	0.00588	0.179466	1.870832	1914.263
5.12392	0.000175	0	0	0.000175	0.000807	0	0	0.000807	0.003761	0	0	0.003761	0	0	0	0.003761	0.004281	0	0	0.004281	0	0	0	0.004281	0.021589	0	0	0.021589	4.86E-05	0	0	4.86E-05	3.71E-05	0.457718
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.904191	2.58E-05	0	0.00019	0.000215	3.22E-05	0	9.5E-05	0.000127	8.09E-05	0	0.000764	0.000845	0.000332	0.000113	9.99E-05	0.00139	0.000118	0	0.000837	0.000955	0.000332	0.000113	9.99E-05	0.0015	0.012263	0	0.005861	0.018124	7.5E-05	0	3.19E-06	7.81E-05	0.001102	0.833487
98593.1	0.980137	0	2.785933	3.766069	1.823887	0	1.225264	3.049151	3.928458	0	13.08292	17.01138	10.53323	2.857096	7.640965	38.04267	5.731859	0	14.32414	20.056	10.53323	2.857096	7.640965	41.0873	261.8639	0	122.8376	384.7015	0.946874	0	0.027819	0.974693	9.49127	10396.52
310.4064	0.000808	0	0	0.000808	0.048905	0	0	0.048905	0.017389	0	0	0.017389	0	0	0	0.017389	0.019796	0	0	0.019796	0	0	0	0.019796	0.160327	0	0	0.160327	0.002941	0	0	0.002941	0.002965	27.72848
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
303.6535	0.000987	0	0.007247	0.008234	0.001234	0	0.003632	0.004866	0.003094	0	0.029198	0.032292	0.014112	0.004606	0.004255	0.055266	0.004515	0	0.031969	0.036483	0.014112	0.004606	0.004255	0.059457	0.469126	0	0.22405	0.693177	0.00287	0	0.000132	0.003002	0.04216	32.01989
17685.98	0.210476	0.069896	0.313947	0.594319	0.27357	0.001805	0.45998	0.735354	1.067005	0.258188	1.566199	2.891393	1.956209	0.49181	2.718986	8.058397	1.556972	0.376747	1.714791	3.64851	1.956209	0.49181	2.718986	8.815515	29.50762	2.227492	27.00809	58.74321	0.171871	0.00071	0.002263	0.174844	0.993246	1864.964
9519.185	0.140869	0.002185	0	0.143054	1.490613	0.009138	0	1.499751	3.03282	0.04705	0	3.07987	0	0	0	3.07987	3.452664	0.053563	0	3.506227	0	0	0	3.506227	9.048016	0.389976	0	9.437993	0.08965	0.00055	0	0.090199	2.445334	850.345
2752.485	0.018544	0.010047	0.04345	0.072042	0.034653	0.000258	0.065435	0.100346	0.087425	0.036767	0.213446	0.337638	0.243472	0.061303	0.322184	0.964597	0.12757	0.053651	0.233696	0.414917	0.243472	0.061303	0.322184	1.041876	2.885749	0.318924	3.798765	7.003438	0.026772	0.000117	0.000322	0.027211	0.13952	290.2461
4573.54	0.046437	0.000837	0	0.047274	0.715004	0.00556	0	0.720563	0.999771	0.018017	0	1.017788	0	0	0	1.017788	1.138173	0.020511	0	1.158684	0	0	0	1.158684	2.707056	0.149333	0	2.856388	0.043002	0.000334	0	0.043337	1.109046	408.5525
955.5353	0.855859	0	0.295784	1.151644	0.188283	0	0.013683	0.201967	5.763204	0	2.229025	7.992229	3.5243	5.464696	5.782195	22.76342	6.865856	0	2.42261	9.288466	3.5243	5.464696	5.782195	24.05966	64.91802	0	12.33077	77.24879	0.008666	0	0.000781	0.009446	0.039093	100.76
78025.27	0.934257	0	2.487326	3.421583	1.640266	0	0.952408	2.592675	4.030685	0	12.75594	16.78663	9.476485	2.458303	7.02626	35.74768	5.872799	0	13.96604	19.83884	9.476485	2.458303	7.02626	38.79989	213.0322	0	95.92805	308.9602	0.74809	0	0.023269	0.771359	6.002666	8227.667
1231.535	0.002262	0	0	0.002262	0.194029	0	0	0.194029	0.048695	0	0	0.048695	0	0	0	0.048695	0.055436	0	0	0.055436	0	0	0	0.055436	0.792014	0	0	0.792014	0.011669	0	0	0.011669	0.008884	110.0125
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186.9296	0.000594	0	0.004528	0.005122	0.000746	0	0.002262	0.003008	0.001869	0	0.018296	0.020165	0.010317	0.003334	0.003125	0.036941	0.002727	0	0.020032	0.022759	0.010317	0.003334	0.003125	0.039535	0.284862	0	0.140428	0.42529	0.001744	0	0.000104	0.001848	0.025786	19.71149
1655.972	0.014497	0	0.000374	0.014871	0.024523	0	0.000424	0.024947	0.064987	0	0.001574	0.066561	0.490215	0.127612	0.002932	0.687321	0.094829	0	0.001724	0.096552	0.490215	0.127612	0.002932	0.717312	1.770087	0	0.034785	1.804872	0.016368	0	3.09E-06	0.016371	0.039786	174.6202
390.6641	0.001892	0	0	0.001892	0.061549	0	0	0.061549	0.040734	0	0	0.040734	0	0	0	0.040734	0.046373	0	0	0.046373	0	0	0	0.046373	0.150773	0	0	0.150773	0.003702	0	0	0.003702	0.049836	34.89787
5199.882	0.047795	0.014321	0.053635	0.115751	0.075393	0.000406	0.036209	0.112008	0.239497	0.055821	0.29637	0.591688	0.177168	0.042675	0.337473	1.149004	0.349474	0.081453	0.324488	0.755415	0.177168	0.042675	0.337473	1.312731	5.608382	0.81479	6.376758	12.79993	0.050592	0.000299	0.000515	0.051406	0.133465	548.321
15532.41	0.01732	0.003584	0	0.020904	2.339845	0.107293	0	2.447138	0.372891	0.077167	0	0.450058	0	0	0	0.450058	0.424508	0.087849	0	0.512357	0	0	0	0.512357	1.386127	2.243416	0	3.629543	0.140634	0.006449	0	0.147083	2.772823	1387.504
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159.9842	0.098311	0.056363	0	0.154674	0.029101	0.003513	0	0.032614	0.001405	0.000805	0	0.00221	0	0	0	0.00221	0.100334	0.057522	0	0.157856	0	0	0	0.157856	0.406177	0.110552	0	0.51673	0	0	0	0	0.165566	18.49174
1233.493	0.011024	0.002931	0.011031	0.024986	0.018907	7.9E-05	0.009178	0.028163	0.054419	0.011196	0.058744	0.12436	0.0467	0.011354	0.051016	0.233429	0.079408	0.016338	0.064318	0.160064	0.0467	0.011354	0.051016	0.269133	1.279544	0.086711	1.23015	2.596404	0.012042	5.7E-05	9.52E-05	0.012194	0.031253	130.0703
1127.444	0.002586	0.000435	0	0.003022	0.173246	0.004384	0	0.177629	0.055678	0.009376	0	0.065054	0	0	0	0.065054	0.063385	0.010674	0	0.074059	0	0	0	0.074059	0.183263	0.144354	0	0.327617	0.010413	0.000263	0	0.010676	0.168185	100.7141
44.80202	0.02804	0.00346	0	0.0315	0.008942	0.000191	0	0.009133	0.000401	4.94E-05	0	0.00045	0	0	0	0.00045	0.028617	0.003532	0	0.032148	0	0	0	0.032148	0.128747	0.004798	0	0.133545	0	0	0	0	0.04974	5.178431
341.8275	0.006376	0.0173	0.00217	0.025846	0.012704	0.000593	0.001788	0.015084	0.031306	0.074711	0.012458	0.118474	0.015593	0.003996	0.010159	0.148221	0.045681	0.109018	0.01364	0.168339	0.015593	0.003996	0.010159	0.198086	0.717397	0.578063	0.307013	1.602473	0.00318	0.000183	1.66E-05	0.003379	0.016856	36.04528
608.0101	0.001895	0.000174	0	0.002069	0.088144	0.007649	0	0.095792	0.040799	0.003745	0	0.044544	0	0	0	0.044544	0.046446	0.004263	0	0.05071	0	0	0	0.05071	0.113556	0.084829	0	0.198385	0.005298	0.00046	0	0.005757	0.058798	54.3133
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
203.0868	0.491089	0.067606	0	0.558696	0.037492	0.003909	0	0.041401	0.007017	0.000966	0	0.007983	0	0	0	0.007983	0.501193	0.068997	0	0.57019	0	0	0	0.57019	1.669421	0.106167	0	1.775589	0	0	0	0	0.122766	23.47374
357.4551	0.000817	0	0.001162	0.001979	0.003483	0	0.000994	0.004477	0.002567	0	0.004772	0.00734	0.002019	0.000669	0.001314	0.011342	0.003746	0	0.005225	0.008972	0.002019	0.000669	0.001314	0.012974	0.1182	0	0.097134	0.215334	0.003524	0	9.5E-06	0.003534	0.011968	37.69319
499.411	0.001513	0	0	0.001513	0.078682	0	0	0.078682	0.032577	0	0	0.032577	0	0	0	0.032577	0.037086	0	0	0.037086	0	0	0	0.037086	0.038233	0	0	0.038233	0.004732	0	0	0.004732	0.077577	44.61219
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2149.247	2.59985	0	0	2.59985	0.438138	0	0	0.438138	0.038164	0	0	0.038164	0	0	0	0.038164	2.654449	0	0	2.654449	0	0	0	2.654449	36.59132	0	0	36.59132	0	0	0	0	0.969745	248.4201
23.39248	0.002162	0	2.75E-07	0.002162	0.002251	0	6.31E-05	0.002314	0.012677	0	1.45E-06	0.012679	0.001361	0.000357	0.003131	0.017528	0.018499	0	1.59E-06	0.0185	0.001361	0.000357	0.003131	0.023349	0.562453	0	0.01427	0.576723	0.000229	0	1.79E-06	0.000231	0.00045	2.466708
79612.64	0.032976	0.098576	0	0.131553	11.76229	0.780713	0	12.543	0.70997	2.12232	0	2.83229	0	0	0	2.83229	0.808247	2.4161	0	3.224347	0	0	0	3.224347	3.362338	30.99422	0	34.35656	0.70696	0.046924	0	0.753884	10.21654	7111.766
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1851.648	2.380699	0.511478	0	2.892177	0.341616	0.035855	0	0.377471	0.061644	0.008357	0	0.070001	0	0	0	0.070001	2.461156	0.523196	0	2.984352	0	0	0	2.984352	13.46422	1.316053	0	14.78028	0	0	0	0	1.041186	214.0223
164247.9	1.461001	0	4.709303	6.170304	2.673761	0	2.182114	4.855875	5.576681	0	21.49068	27.06736	21.98914	6.239571	15.90537	71.20145	8.13748	0	23.52959	31.66707	21.98914	6.239571	15.90537	75.80116	437.7585	0	209.7802	647.5387	1.577978	0	0.04578	1.623758	19.42883	17319.74
373.2551	0.002382	0	0	0.002382	0.058806	0	0	0.058806	0.051285	0	0	0.051285	0	0	0	0.051285	0.058384	0	0	0.058384	0	0	0	0.058384	0.617056	0	0	0.617056	0.003537	0	0	0.003537	0.004762	33.34273
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2693.106	0.00874	0	0.066728	0.075468	0.01094	0	0.033317	0.044258	0.027485	0	0.269881	0.297366	0.186165	0.066938	0.060246	0.610716	0.040107	0	0.295485	0.335592	0.186165	0.066938	0.060246	0.648942	4.172152	0	2.07128	6.243432	0.025594	0	0.00103	0.026624	0.352281	283.9847

17474.78	0.442141	0	0.782146	1.224287	0.594626	0	0.263539	0.858165	1.992313	0	4.151892	6.144205	5.213457	1.352629	3.988942	16.69923	2.906824	0	4.545795	7.452619	5.213457	1.352629	3.988942	18.00765	91.6783	0	39.93583	131.6141	0.167158	0	0.005598	0.172756	1.839694	1842.694
4.528503	0.000154	0	0	0.000154	0.000713	0	0	0.000713	0.003314	0	0	0.003314	0	0	0	0.003314	0.003772	0	0	0.003772	0	0	0	0.003772	0.019029	0	0	0.019029	4.29E-05	0	0	4.29E-05	3.28E-05	0.404529
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.85583	3.84E-05	0	0.000294	0.000333	4.78E-05	0	0.000147	0.000195	0.000121	0	0.001191	0.001312	0.000506	0.000174	0.00015	0.002142	0.000177	0	0.001304	0.001481	0.000506	0.000174	0.00015	0.00231	0.018364	0	0.009139	0.027503	0.000112	0	4.86E-06	0.000117	0.001655	1.250182
98374.68	0.910577	0	2.673122	3.583699	1.725206	0	1.200233	2.925439	3.596009	0	12.40367	15.99968	10.41208	2.782244	7.531046	36.72505	5.247112	0	13.58045	18.82757	10.41208	2.782244	7.531046	39.55294	249.5349	0	117.559	367.094	0.944955	0	0.027578	0.972534	9.927713	10373.49
315.937	0.000773	0	0	0.000773	0.049776	0	0	0.049776	0.016648	0	0	0.016648	0	0	0	0.016648	0.018953	0	0	0.018953	0	0	0	0.018953	0.161999	0	0	0.161999	0.002994	0	0	0.002994	0.00308	28.22252
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362.917	0.00117	0	0.008969	0.010139	0.001461	0	0.004476	0.005936	0.003685	0	0.036299	0.039984	0.017033	0.005653	0.005118	0.067788	0.005377	0	0.039743	0.04512	0.017033	0.005653	0.005118	0.072924	0.559578	0	0.278558	0.838136	0.003427	0	0.000161	0.003588	0.050466	38.26914
17282.79	0.18863	0.067834	0.299126	0.55559	0.24622	0.001769	0.449305	0.697294	0.953048	0.248908	1.4843	2.686255	1.875518	0.46315	2.599136	7.624058	1.390685	0.363206	1.625121	3.379012	1.875518	0.46315	2.599136	8.316815	27.71568	2.205204	27.02215	56.94304	0.167926	0.000696	0.002235	0.170858	0.993518	1822.448
9436.086	0.132704	0.002175	0	0.134879	1.477648	0.009011	0	1.486659	2.857034	0.046826	0	2.90386	0	0	0	2.90386	3.252544	0.053308	0	3.305852	0	0	0	3.305852	8.430285	0.388116	0	8.818401	0.08887	0.000542	0	0.089412	2.545161	842.9218
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2676.224	0.016132	0.009712	0.041402	0.067246	0.031313	0.000251	0.063617	0.095181	0.075324	0.035382	0.202272	0.312978	0.23682	0.058242	0.31125	0.91929	0.109913	0.051629	0.221462	0.383004	0.23682	0.058242	0.31125	0.989316	2.676969	0.31527	3.760281	6.75252	0.026027	0.000115	0.000316	0.026457	0.138243	282.2045
4586.353	0.044773	0.00085	0	0.045623	0.71699	0.005591	0	0.722582	0.963931	0.018294	0	0.982226	0	0	0	0.982226	1.097372	0.020827	0	1.118199	0	0	0	1.118199	2.587371	0.151634	0	2.739005	0.043122	0.000336	0	0.043458	1.15502	409.6971
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954.6906	0.834442	0	0.289204	1.123646	0.185977	0	0.013224	0.1992	5.568477	0	2.170964	7.739442	3.524286	5.488228	5.826032	22.57799	6.658185	0	2.35974	9.017925	3.524286	5.488228	5.826032	23.85647	63.07329	0	12.30522	75.3785	0.008671	0	0.000767	0.009438	0.039491	100.6709
76670.79	0.829541	0	2.311019	3.140559	1.493126	0	0.90889	2.402016	3.517809	0	11.68772	15.20553	9.361992	2.368468	6.916157	33.85214	5.130139	0	12.79654	17.92668	9.361992	2.368468	6.916157	36.57329	194.5638	0	89.11814	283.6819	0.735272	0	0.022697	0.757969	6.157293	8084.839
1199.138	0.002144	0	0	0.002144	0.188925	0	0	0.188925	0.046169	0	0	0.046169	0	0	0	0.046169	0.052561	0	0	0.052561	0	0	0	0.052561	0.771595	0	0	0.771595	0.011362	0	0	0.011362	0.008761	107.1185
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224.6914	0.00071	0	0.005627	0.006337	0.000888	0	0.0028	0.003688	0.002242	0	0.022841	0.025083	0.01222	0.004237	0.003712	0.045252	0.003272	0	0.025008	0.02828	0.01222	0.004237	0.003712	0.048449	0.341882	0	0.175307	0.517189	0.002095	0	0.000127	0.002221	0.031004	23.69343
1581.142	0.012159	0	0.00035	0.01251	0.021895	0	0.000415	0.02231	0.053313	0	0.001454	0.054767	0.457344	0.115646	0.002695	0.630452	0.077794	0	0.001592	0.079387	0.457344	0.115646	0.002695	0.655072	1.40626	0	0.031872	1.438132	0.015628	0	2.9E-06	0.015631	0.038072	166.7295
388.931	0.001848	0	0	0.001848	0.061276	0	0	0.061276	0.039787	0	0	0.039787	0	0	0	0.039787	0.045295	0	0	0.045295	0	0	0	0.045295	0.146574	0	0	0.146574	0.003685	0	0	0.003685	0.051302	34.74305
5055.439	0.039542	0.01411	0.050909	0.104561	0.065751	0.000405	0.035374	0.10153	0.195859	0.054539	0.278173	0.528571	0.162473	0.038656	0.305503	1.035202	0.285797	0.079583	0.304565	0.669945	0.162473	0.038656	0.305503	1.176576	4.551931	0.795513	5.955865	11.30331	0.049194	0.00029	0.000495	0.049978	0.131214	533.0897
15647.33	0.015444	0.003437	0	0.01888	2.357001	0.108243	0	2.465244	0.3325	0.073989	0	0.406489	0	0	0	0.406489	0.378526	0.084231	0	0.462757	0	0	0	0.462757	1.283984	2.276173	0	3.560157	0.141665	0.006506	0	0.148171	2.824128	1397.77
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167.033	0.103488	0.059451	0	0.162938	0.030297	0.003754	0	0.034051	0.001479	0.000849	0	0.002328	0	0	0	0.002328	0.105617	0.060674	0	0.166291	0	0	0	0.166291	0.422037	0.121165	0	0.543203	0	0	0	0.173278	19.30647
1157.622	0.009629	0.002827	0.010525	0.02298	0.016869	7.64E-05	0.008867	0.025813	0.047389	0.010798	0.056043	0.114229	0.046835	0.011028	0.051143	0.223235	0.06915	0.015756	0.06136	0.146266	0.046835	0.011028	0.051143	0.255271	1.114168	0.083612	1.171663	2.369442	0.011298	5.46E-05	9.12E-05	0.011444	0.029587	122.0698
1127.426	0.0026	0.000444	0	0.003044	0.173176	0.00445	0	0.177626	0.055974	0.009569	0	0.065542	0	0	0	0.065542	0.063722	0.010893	0	0.074615	0	0	0	0.074615	0.183932	0.147691	0	0.331623	0.010409	0.000267	0	0.010676	0.168822	100.7125
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45.47181	0.028966	0.003527	0	0.032493	0.009073	0.000197	0	0.00927	0.000414	5.04E-05	0	0.000464	0	0	0	0.000464	0.029562	0.0036	0	0.033161	0	0	0	0.033161	0.130969	0.005106	0	0.136075	0	0	0	0.050616	5.255847
346.2528	0.005993	0.017582	0.002185	0.025759	0.012453	0.000602	0.001851	0.014906	0.029355	0.075773	0.012504	0.117631	0.016713	0.004097	0.010754	0.149195	0.042834	0.110568	0.01369	0.167092	0.016713	0.004097	0.010754	0.198656	0.676356	0.58614	0.302079	1.564574	0.003222	0.000185	1.66E-05	0.003423	0.017143	36.51192
599.6944	0.001806	0.00017	0	0.001976	0.08689	0.007592	0	0.094482	0.038873	0.003665	0	0.042539	0	0	0	0.042539	0.044254	0.004173	0	0.048427	0	0	0	0.048427	0.109199	0.087035	0	0.196234	0.005222	0.000456	0	0.005679	0.060626	53.57046
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207.5522	0.497744	0.069604	0	0.567347	0.03825	0.004061	0	0.042311	0.007112	0.000995	0	0.008106	0	0	0	0.008106	0.507984	0.071036	0	0.57902	0	0	0	0.57902	1.681989	0.112727	0	1.794716	0	0	0	0	0.126135	23.98987
355.6559	0.000807	0	0.001117	0.001923	0.003304	0	0.000963	0.004267	0.002524	0	0.004581	0.007105	0.001786	0.000583	0.001269	0.010744	0.003683	0	0.005016	0.008699	0.001786	0.000583	0.001269	0.012337	0.11777	0	0.098552	0.216322	0.003507	0	9.52E-06	0.003516	0.012044	37.50347
472.6904	0.001206	0	0	0.001206	0.074473	0	0	0.074473	0.025961	0	0	0.025961	0	0	0	0.025961	0.029555	0	0	0.029555	0	0	0	0.029555	0.029831	0	0	0.029831	0.004479	0	0	0.004479	0.081911	42.22525
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2132.111	2.773741	0	0	2.773741	0.434645	0	0	0.434645	0.040587	0	0	0.040587	0	0	0	0.040587	2.831849	0	0	2.831849	0	0	0	2.831849	38.00958	0	0	38.00958	0	0	0	0	0.972756	246.4395
21.21374	0.001684	0	2.73E-07	0.001684	0.001935	0	4.57E-05	0.001981	0.009564	0	1.44E-06	0.009566	0.001049	0.000275	0.002394	0.013283	0.013956	0	1.58E-06	0.013958	0.001049	0.000275	0.002394	0.017675	0.447108	0	0.01318	0.460288	0.000208	0	1.52E-06	0.00021	0.000423	2.236963
79638.56	0.032354	0.101053	0	0.133407	11.76099	0.786096	0	12.54709	0.696575	2.175642	0	2.872218	0	0	0	2.872218	0.792998	2.476803	0	3.269801	0	0	0	3.269801	3.217609	31.8211	0	35.03871	0.706882	0.047247	0	0.75413	10.39642	7114.081
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1889.722	2.314852	0.519258	0	2.834109	0.347865	0.037367	0	0.385232	0.058047	0.008367	0	0.066414	0	0	0	0.066414	2.390927	0.53102	0	2.921948	0	0	0	2.921948	13.40357	1.377243	0	14.78082	0	0	0	0	1.069369	218.423
159469.8	1.317941	0	4.414764	5.732705	2.511239	0	2.107709	4.618949	4.945489	0	19.93881	24.8843	21.42193	6.007964	15.51342	67.82761	7.216446	0	21.83048	29.04693	21.42193	6.007964	15.51342	71.99024	410.0781	0	196.8688	606.947	1.532114	0	0.044407	1.576522	19.74463	16815.89
336.1906	0.002044	0	0	0.002044	0.052967	0	0	0.052967	0.044008	0	0	0.044008	0	0	0	0.044008	0.0501	0	0	0.0501	0	0	0	0.0501	0.548662	0	0	0.548662	0.003186	0	0	0.003186	0.004329	30.03177
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2832.544	0.009145	0	0.072283	0.081428	0.011414	0	0.035954	0.047367	0.028878	0	0.293537	0.322415	0.199267	0.072773	0.06566	0.660115	0.042139	0	0.321386	0.363525	0.199267	0.072773	0.06566	0.701225	4.38429	0	2.252987	6.637277	0.026901	0	0.001102	0.028003	0.374412	298.6882
16745.43	0.389447	0	0.714837	1.104284	0.534729	0	0.248933	0.783662	1.744164	0	3.75973	5.503894	4.825183	1.254289	3.647634	15.231	2.54508	0	4.116431	6.661511	4.825183	1.254289	3.647634	16.38862	82.43726	0	36.2796	118.7169	0.160212	0	0.005334	0.165546	1.805187	1765.785
3.984422	0.000135	0	0	0.000135	0.000628	0	0	0.000628	0.002904	0	0	0.002904	0	0	0	0.002904	0.003306	0	0	0.003306	0	0	0	0.003306	0.016667	0	0	0.016667	3.78E-05	0	0	3.78E-05	2.89E-05	0.355927
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16.46623	5.3E-05	0	0.000423	0.000476	6.57E-05	0	0.00021	0.000276	0.000168	0	0.001723	0.00189	0.000724	0.000249	0.000211	0.003073	0.000245	0	0.001886	0.002131	0.000724	0.000249	0.000211	0.003314	0.025481	0	0.013215	0.038696	0.000156	0	6.87E-06	0.000163	0.002297	1.736343
97549.46	0.847395	0	2.564429	3.411824	1.63754	0	1.179123	2.816663	3.301428	0	11.77684	15.07827	10.39218	2.736256	7.518302	35.72501	4.817436	0	12.89416	17.7116	10.39218	2.736256	7.518302	38.35834	238.2273	0	112.6905	350.9178	0.937057	0	0.027319	0.964376	10.30099	10286.47
318.0267	0.000769	0	0	0.000769	0.050105	0	0	0.050105	0.016561	0	0	0.016561	0	0	0	0.016561	0.018853	0	0	0.018853	0	0	0	0.018853	0.164511	0	0	0.164511	0.003013	0	0	0.003013	0.003166	28.4092
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
419.645	0.001345	0	0.010755	0.0121	0.001672	0	0.005342	0.007014	0.004254	0	0.043752	0.048006	0.020255	0.006834	0.006075	0.08117	0.006208	0	0.047903	0.054111	0.020255	0.006834	0.006075	0.087274	0.646204	0	0.335769	0.981973	0.003958	0	0.00019	0.004149	0.058342	44.25104
16804.69	0.164532	0.065729	0.285158	0.515419	0.219283	0.001731	0.437152	0.658166	0.82501	0.239674	1.408873	2.473557	1.767208	0.432427	2.442497	7.11569	1.203853	0.349732	1.542539	3.096124	1.767208	0.432427	2.442497	7.738256	25.48605	2.180862	26.99619	54.66311	0.163244	0.000683	0.002205	0.166131	0.986872	1772.034
9292.769	0.124032	0.002162	0	0.126194	1.455206	0.008874	0	1.46408	2.670347	0.046536	0	2.716882	0	0	0	2.716882	3.040012	0.052978	0	3.09299	0	0	0	3.09299	7.791177	0.385713	0	8.176891	0.08752	0.000534	0	0.088054	2.617834	830.1194
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2587.837	0.014139	0.009363	0.039355	0.062856	0.028097	0.000243	0.061593	0.089934	0.065591	0.03398	0.191359	0.29093	0.230869	0.055613	0.301854	0.879265	0.09571	0.049584	0.209514	0.354807	0.230869	0.055613	0.301854	0.943142	2.495873	0.31107	3.71776	6.524702	0.025162	0.000113	0.000309	0.025583	0.135999	272.8842
4565.158	0.042884	0.00086	0	0.043744	0.713633	0.00561	0	0.719243	0.923265	0.018526	0	0.94179	0	0	0	0.94179	1.051075	0.02109	0	1.072166	0	0	0	1.072166	2.458138	0.153551	0	2.611689	0.04292	0.000337	0	0.043257	1.188744	407.8038
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
949.9586	0.811951	0	0.283029	1.09498	0.182972	0	0.012766	0.195737	5.372549	0	2.117482	7.490031	3.525024	5.510797	5.868178	22.39403	6.446995	0	2.301831	8.748825	3.525024	5.510797	5.868178	23.65283	61.13091	0	12.28895	73.41986	0.008638	0	0.000753	0.009391	0.039658	100.1719
74902.51	0.740716	0	2.146245	2.886961	1.361038	0	0.868305	2.229343	3.095864	0	10.71609	13.81195	9.183235	2.28576	6.759813	32.04076	4.516673	0	11.73276	16.24943	9.183235	2.28576	6.759813	34.47824	179.5198	0	83.37057	262.8904	0.718353	0	0.022135	0.740488	6.275031	7898.376
1157.314	0.002008	0	0	0.002008	0.182335	0	0	0.182335	0.043232	0	0	0.043232	0	0	0	0.043232	0.049217	0	0	0.049217	0	0	0	0.049217	0.746271	0	0	0.746271	0.010966	0	0	0.010966	0.008575	103.3824
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
262.5742	0.000825	0	0.006814	0.007639	0.001027	0	0.003375	0.004402	0.002619	0	0.027798	0.030418	0.014234	0.005029	0.00429	0.053971	0.003822	0	0.030436	0.034258	0.014234	0.005029	0.00429	0.057811	0.399111	0	0.213354	0.612465	0.002445	0	0.00015	0.002596	0.036193	27.68812
1509.443	0.010443	0	0.000329	0.010773	0.019666	0	0.000407	0.020073	0.045058	0	0.001348	0.046406	0.420385	0.104516	0.002452	0.573758	0.065748	0	0.001476	0.067224	0.420385	0.104516	0.002452	0.594576	1.160288	0	0.029419	1.189707	0.01492	0	2.75E-06	0.014922	0.036395	159.1689
385.2881	0.001794	0	0	0.001794	0.060702	0	0	0.060702	0.038631	0	0	0.038631	0	0	0	0.038631	0.043979	0	0	0.043979	0	0	0	0.043979	0.141642	0	0	0.141642	0.003651	0	0	0.003651	0.052435	34.41763
4892.347	0.032839	0.013896	0.048493	0.095228	0.057328	0.000395	0.034324	0.092046	0.160729	0.053369	0.262367	0.476465	0.15023	0.035337	0.279155	0.941187	0.234535	0.077875	0.287259	0.59967	0.15023	0.035337	0.279155	1.064392	3.709044	0.777987	5.58924	10.07627	0.047609	0.000281	0.000476	0.048366	0.128401	515.8919
15688.54	0.013619	0.003322	0	0.016941	2.3623	0.109436	0	2.471736	0.293205	0.071529	0	0.364733	0	0	0	0.364733	0.333791	0.08143	0	0.415221	0	0	0	0.415221	1.18244	2.320194	0	3.502635	0.141984	0.006578	0	0.148561	2.865016	1401.451
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173.8819	0.108708	0.062684	0	0.171392	0.031438	0.004009	0	0.035447	0.001553	0.000896	0	0.002449	0	0	0	0.002449	0.110944	0.063974	0	0.174918	0	0	0	0.174918	0.437793	0.132595	0	0.570388	0	0	0	0.180614	20.09809
1080.685	0.008401	0.002723	0.010043	0.021167	0.015004	7.26E-05	0.00851	0.023587	0.041257	0.010408	0.053551	0.105216	0.046089	0.010627	0.050321	0.212253	0.060202	0.015187	0.058632	0.134021	0.046089	0.010627	0.050321	0.241058	0.963696	0.080587	1.117833	2.162116	0.010544	5.24E-05	8.73E-05	0.010684	0.027891	113.9569
1121.757	0.002531	0.000464	0	0.002995	0.172155	0.004578	0	0.176733	0.054491	0.00998	0	0.064471	0	0	0	0.064471	0.062034	0.011361	0	0.073396	0	0	0	0.073396	0.179022	0.154378	0	0.333401	0.010347	0.000275	0	0.010622	0.169702	100.2061
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46.11763	0.030215	0.003633	0	0.033848	0.009196	0.000206	0	0.009401	0.000432	5.19E-05	0	0.000484	0	0	0	0.000484	0.030836	0.003708	0	0.034544	0	0	0	0.034544	0.13367	0.00567	0	0.139339	0	0	0	0	0.052032	5.330494
348.0947	0.005538	0.017819	0.002188	0.025545	0.011986	0.000601	0.001906	0.014493	0.027074	0.076693	0.012483	0.11625	0.016993	0.004075	0.010753	0.148071	0.039507	0.11191	0.013667	0.165084	0.016993	0.004075	0.010753	0.196905	0.626593	0.593101	0.296377	1.516071	0.003239	0.000186	1.66E-05	0.003441	0.017297	36.70615
590.8433	0.001718	0.000167	0	0.001885	0.085566	0.007521	0	0.093088	0.036987	0.003597	0	0.040584	0	0	0	0.040584	0.042107	0.004095	0	0.046202	0	0	0	0.046202	0.104884	0.089217	0	0.194101	0.005143	0.000452	0	0.005595	0.062353	52.7798
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

211.7939	0.503875	0.071583	0	0.575458	0.038963	0.004212	0	0.043176	0.007199	0.001023	0	0.008222	0	0	0	0.008222	0.514242	0.073056	0	0.587297	0	0	0	0.587297	1.692952	0.119226	0	1.812178	0	0	0	0	0.129341	24.48014
354.2853	0.000792	0	0.001101	0.001893	0.003303	0	0.000941	0.004243	0.002473	0	0.004515	0.006988	0.00166	0.000526	0.001269	0.010443	0.003609	0	0.004944	0.008552	0.00166	0.000526	0.001269	0.012007	0.118926	0	0.100066	0.218992	0.003493	0	9.54E-06	0.003502	0.01211	37.35894
471.1033	0.001201	0	0	0.001201	0.074223	0	0	0.074223	0.025847	0	0	0.025847	0	0	0	0.025847	0.029425	0	0	0.029425	0	0	0	0.029425	0.029741	0	0	0.029741	0.004464	0	0	0.004464	0.084625	42.08347
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2110.718	2.886391	0	0	2.886391	0.430284	0	0	0.430284	0.042184	0	0	0.042184	0	0	0	0.042184	2.946804	0	0	2.946804	0	0	0	2.946804	38.89712	0	0	38.89712	0	0	0	0	0.972521	243.9668
19.11483	0.001244	0	2.71E-07	0.001244	0.001541	0	1.8E-05	0.001559	0.00671	0	1.43E-06	0.006711	0.000683	0.000188	0.001623	0.009206	0.009791	0	1.56E-06	0.009792	0.000683	0.000188	0.001623	0.012287	0.322787	0	0.01107	0.333857	0.000188	0	1.21E-06	0.000189	0.0004	2.015635
79569.63	0.031842	0.103239	0	0.135081	11.74734	0.788891	0	12.53623	0.685541	2.222709	0	2.90825	0	0	0	2.90825	0.780437	2.530384	0	3.310821	0	0	0	3.310821	3.093813	32.55322	0	35.64703	0.706061	0.047415	0	0.753477	10.5691	7107.923
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1922.436	2.239846	0.523555	0	2.763401	0.353237	0.038664	0	0.391901	0.054495	0.008334	0	0.062829	0	0	0	0.062829	2.311553	0.535299	0	2.846852	0	0	0	2.846852	13.29357	1.431804	0	14.72537	0	0	0	0	1.094998	222.2043
155005.8	1.198625	0	4.151946	5.350571	2.377976	0	2.042531	4.420507	4.425498	0	18.57525	23.00074	20.70948	5.737461	15.09328	64.54097	6.457676	0	20.33756	26.79523	20.70948	5.737461	15.09328	68.33546	386.3723	0	185.5949	571.9672	1.489211	0	0.043179	1.53239	20.06012	16345.16
299.9251	0.001688	0	0	0.001688	0.047253	0	0	0.047253	0.036337	0	0	0.036337	0	0	0	0.036337	0.041367	0	0	0.041367	0	0	0	0.041367	0.479607	0	0	0.479607	0.002842	0	0	0.002842	0.003908	26.79219
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2915.533	0.009355	0	0.076808	0.086162	0.011642	0	0.038049	0.049691	0.029667	0	0.313269	0.342936	0.210366	0.076062	0.070335	0.699699	0.04329	0	0.34299	0.38628	0.210366	0.076062	0.070335	0.743043	4.506961	0	2.404603	6.911565	0.027664	0	0.001159	0.028823	0.388713	307.4393
16046.73	0.343015	0	0.653965	0.99698	0.481967	0	0.235643	0.71761	1.52636	0	3.407107	4.933467	4.428388	1.163127	3.361911	13.88689	2.227261	0	3.730353	5.957614	4.428388	1.163127	3.361911	14.91104	74.19688	0	32.98493	107.1818	0.153549	0	0.005089	0.158638	1.772986	1692.107
3.291924	0.00011	0	0	0.00011	0.000519	0	0	0.000519	0.002378	0	0	0.002378	0	0	0	0.002378	0.002708	0	0	0.002708	0	0	0	0.002708	0.013871	0	0	0.013871	3.12E-05	0	0	3.12E-05	2.4E-05	0.294066
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21.11565	6.76E-05	0	0.000559	0.000627	8.36E-05	0	0.000277	0.000361	0.000215	0	0.002286	0.002501	0.000955	0.000323	0.000275	0.004054	0.000314	0	0.002503	0.002816	0.000955	0.000323	0.000275	0.004369	0.032636	0	0.017537	0.050173	0.0002	0	8.98E-06	0.000209	0.002946	2.226619
96619.25	0.791892	0	2.46762	3.259512	1.563345	0	1.164413	2.727758	3.042338	0	11.22033	14.26267	10.33697	2.675916	7.516385	34.79194	4.439373	0	12.28485	16.72422	10.33697	2.675916	7.516385	37.25349	228.5771	0	108.5226	337.0997	0.928086	0	0.027094	0.95518	10.63712	10188.38
318.3892	0.000771	0	0	0.000771	0.050162	0	0	0.050162	0.016602	0	0	0.016602	0	0	0	0.016602	0.0189	0	0	0.0189	0	0	0	0.0189	0.166792	0	0	0.166792	0.003017	0	0	0.003017	0.003234	28.44158
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
468.7657	0.001492	0	0.012426	0.013919	0.001849	0	0.006145	0.007995	0.004743	0	0.050787	0.05553	0.023398	0.007814	0.007027	0.093768	0.00692	0	0.055606	0.062526	0.023398	0.007814	0.007027	0.100764	0.720668	0	0.389788	1.110456	0.004417	0	0.000218	0.004634	0.065181	49.43076
16368.64	0.145763	0.063749	0.272262	0.481773	0.196111	0.001695	0.425197	0.623004	0.726031	0.231098	1.339536	2.296665	1.723093	0.413226	2.397675	6.83066	1.059423	0.337218	1.466623	2.863264	1.723093	0.413226	2.397675	7.397259	23.84576	2.159304	26.99517	53.00024	0.158973	0.00067	0.002177	0.161821	0.979803	1726.053
9145.7	0.115763	0.002143	0	0.117906	1.432189	0.008719	0	1.440909	2.492306	0.046141	0	2.538447	0	0	0	2.538447	2.837324	0.052528	0	2.889853	0	0	0	2.889853	7.187704	0.382439	0	7.570143	0.086136	0.000524	0	0.08666	2.677523	816.9817
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2504.783	0.01201	0.009024	0.037412	0.058447	0.02505	0.000236	0.059605	0.084891	0.054809	0.032614	0.180963	0.268386	0.225355	0.05298	0.294891	0.841613	0.079978	0.047591	0.198131	0.3257	0.225355	0.05298	0.294891	0.898927	2.291838	0.306747	3.671804	6.270389	0.02435	0.00011	0.000303	0.024762	0.133777	264.1262
4538.861	0.041042	0.000869	0	0.04191	0.709486	0.005614	0	0.715099	0.883604	0.018703	0	0.902307	0	0	0	0.902307	1.005924	0.021292	0	1.027217	0	0	0	1.027217	2.33635	0.155022	0	2.491372	0.04267	0.000338	0	0.043008	1.217139	405.4546
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945.8392	0.791376	0	0.277133	1.068509	0.18032	0	0.012326	0.192646	5.193046	0	2.066067	7.259113	3.552522	5.53331	5.912855	22.2578	6.253166	0	2.246161	8.499326	3.552522	5.53331	5.912855	23.49801	59.37384	0	12.27535	71.64919	0.00861	0	0.00074	0.009351	0.039829	99.73756
73155.89	0.666564	0	2.000194	2.666758	1.248928	0	0.834185	2.083112	2.748199	0	9.86094	12.60914	8.910775	2.192306	6.563309	30.27553	4.009951	0	10.79649	14.80644	8.910775	2.192306	6.563309	32.47283	167.4391	0	78.61749	246.0566	0.701595	0	0.021626	0.72322	6.380995	7714.197
1112.453	0.001872	0	0	0.001872	0.175267	0	0	0.175267	0.040295	0	0	0.040295	0	0	0	0.040295	0.045873	0	0	0.045873	0	0	0	0.045873	0.716885	0	0	0.716885	0.010541	0	0	0.010541	0.008366	99.37499
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
294.2949	0.000919	0	0.007891	0.008811	0.00114	0	0.003892	0.005032	0.002931	0	0.032344	0.035275	0.017009	0.005948	0.005335	0.063567	0.004277	0	0.035413	0.03969	0.017009	0.005948	0.005335	0.067982	0.446671	0	0.248251	0.694922	0.002738	0	0.000171	0.002909	0.040546	31.03303
1446.781	0.008908	0	0.00031	0.009218	0.0177	0	0.0004	0.0181	0.037614	0	0.001254	0.038868	0.390761	0.095449	0.002282	0.52736	0.054886	0	0.001373	0.056259	0.390761	0.095449	0.002282	0.544751	0.939145	0	0.027216	0.966361	0.0143	0	2.6E-06	0.014303	0.034936	152.5612
381.8867	0.001742	0	0	0.001742	0.060166	0	0	0.060166	0.037505	0	0	0.037505	0	0	0	0.037505	0.042697	0	0	0.042697	0	0	0	0.042697	0.13679	0	0	0.13679	0.003619	0	0	0.003619	0.053512	34.11379
4740.172	0.027679	0.013683	0.046286	0.087649	0.050344	0.000383	0.033231	0.083958	0.133964	0.052273	0.248057	0.434293	0.140606	0.032783	0.263647	0.871329	0.195479	0.076277	0.271591	0.543347	0.140606	0.032783	0.263647	0.980382	3.061443	0.761651	5.252684	9.075778	0.04613	0.000272	0.000459	0.046861	0.12571	499.8452
15705.04	0.011991	0.003223	0	0.015214	2.363983	0.110352	0	2.474335	0.258159	0.069397	0	0.327557	0	0	0	0.327557	0.293895	0.079003	0	0.372898	0	0	0	0.372898	1.090167	2.359866	0	3.450033	0.142085	0.006633	0	0.148717	2.899911	1402.925
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180.4754	0.113793	0.065734	0	0.179527	0.032536	0.004255	0	0.036791	0.001626	0.000939	0	0.002565	0	0	0	0.002565	0.116135	0.067086	0	0.183221	0	0	0	0.183221	0.453007	0.143873	0	0.59688	0	0	0	0	0.187606	20.8602
1012.172	0.007288	0.002626	0.009615	0.019529	0.013291	6.87E-05	0.008143	0.021503	0.035684	0.010047	0.051325	0.097056	0.047906	0.010591	0.052994	0.208548	0.05207	0.01466	0.056195	0.122925	0.047906	0.010591	0.052994	0.234417	0.830576	0.077784	1.063639	1.972	0.009872	5.03E-05	8.37E-05	0.010006	0.026384	106.7322
1116.04	0.002448	0.000481	0	0.002929	0.171141	0.004692	0	0.175833	0.052708	0.010346	0	0.063054	0	0	0	0.063054	0.060004	0.011778	0	0.071782	0	0	0	0.071782	0.173465	0.160412	0	0.333877	0.010286	0.000282	0	0.010568	0.170651	99.69544
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46.69685	0.031399	0.003725	0	0.035124	0.009305	0.000214	0	0.009519	0.000449	5.32E-05	0	0.000502	0	0	0	0.000502	0.032045	0.003802	0	0.035847	0	0	0	0.035847	0.136222	0.0062	0	0.142422	0	0	0	0	0.053371	5.397444
349.7352	0.005087	0.018041	0.002199	0.025328	0.011551	0.0006	0.001968	0.01412	0.02482	0.077549	0.012508	0.114877	0.017961	0.00412	0.011315	0.148273	0.036217	0.113159	0.013695	0.163071	0.017961	0.00412	0.011315	0.196467	0.577426	0.599575	0.290602	1.467602	0.003254	0.000187	1.66E-05	0.003457	0.017441	36.87914
581.5326	0.001629	0.000164	0	0.001793	0.084188	0.007433	0	0.091621	0.035073	0.003536	0	0.038609	0	0	0	0.038609	0.039928	0.004026	0	0.043953	0	0	0	0.043953	0.100437	0.091369	0	0.191806	0.00506	0.000447	0	0.005507	0.064011	51.94807
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
215.8777	0.509624	0.073549	0	0.583173	0.039645	0.004363	0	0.044008	0.007282	0.001051	0	0.008332	0	0	0	0.008332	0.520108	0.075062	0	0.595171	0	0	0	0.595171	1.702692	0.125682	0	1.828374	0	0	0	0	0.132435	24.95217
354.9387	0.000785	0	0.001089	0.001874	0.00325	0	0.000927	0.004178	0.002449	0	0.004464	0.006913	0.001539	0.000471	0.001276	0.010199	0.003573	0	0.004888	0.008461	0.001539	0.000471	0.001276	0.011747	0.119732	0	0.10112	0.220852	0.003499	0	9.59E-06	0.003509	0.012196	37.42784
465.4938	0.001189	0	0	0.001189	0.073339	0	0	0.073339	0.025603	0	0	0.025603	0	0	0	0.025603	0.029147	0	0	0.029147	0	0	0	0.029147	0.029527	0	0	0.029527	0.004411	0	0	0.004411	0.083701	41.58238
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2107.083	2.973577	0	0	2.973577	0.429543	0	0	0.429543	0.043447	0	0	0.043447	0	0	0	0.043447	3.035802	0	0	3.035802	0	0	0	3.035802	39.68673	0	0	39.68673	0	0	0	0	0.980891	243.5466
17.85073	0.001047	0	2.53E-07	0.001047	0.001391	0	1.68E-05	0.001408	0.005488	0	1.33E-06	0.005489	0.000566	0.000152	0.001322	0.007529	0.008008	0	1.46E-06	0.00801	0.000566	0.000152	0.001322	0.010049	0.27826	0	0.010158	0.288418	0.000175	0	1.07E-06	0.000176	0.000384	1.882337
79292.28	0.031397	0.105192	0	0.13659	11.7028	0.789733	0	12.49253	0.67598	2.264764	0	2.940743	0	0	0	2.940743	0.769551	2.578261	0	3.347812	0	0	0	3.347812	2.975671	33.20699	0	36.18266	0.703384	0.047466	0	0.75085	10.72731	7083.148
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1942.163	2.149576	0.525309	0	2.674886	0.356168	0.039755	0	0.395923	0.05085	0.008273	0	0.059123	0	0	0	0.059123	2.216743	0.536991	0	2.753733	0	0	0	2.753733	13.06727	1.478905	0	14.54618	0	0	0	0	1.116566	224.4844
151316.3	1.103581	0	3.916933	5.020514	2.273476	0	1.985479	4.258955	4.009724	0	17.37197	21.3817	20.35681	5.521635	14.88224	62.14238	5.850979	0	19.02012	24.8711	20.35681	5.521635	14.88224	65.63178	367.1455	0	175.6724	542.8179	1.45386	0	0.042055	1.495915	20.40529	15956.11
266.3242	0.00136	0	0	0.00136	0.041959	0	0	0.041959	0.029288	0	0	0.029288	0	0	0	0.029288	0.033342	0	0	0.033342	0	0	0	0.033342	0.417299	0	0	0.417299	0.002524	0	0	0.002524	0.003512	23.79064
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2991.951	0.009562	0	0.080924	0.090486	0.011857	0	0.039944	0.051801	0.030436	0	0.331314	0.361751	0.234917	0.081797	0.082706	0.761171	0.044413	0	0.362747	0.40716	0.234917	0.081797	0.082706	0.80658	4.622258	0	2.543263	7.165521	0.028368	0	0.00121	0.029578	0.401627	315.4975
15436.48	0.303277	0	0.59916	0.902437	0.435803	0	0.223665	0.659468	1.340147	0	3.091413	4.431561	4.152274	1.078555	3.116001	12.77839	1.95554	0	3.384708	5.340248	4.152274	1.078555	3.116001	13.68708	67.00458	0	30.02384	97.02842	0.147741	0	0.004864	0.152605	1.748357	1627.758
1.568068	4.9E-05	0	0	4.9E-05	0.000247	0	0	0.000247	0.001055	0	0	0.001055	0	0	0	0.001055	0.001201	0	0	0.001201	0	0	0	0.001201	0.007556	0	0	0.007556	1.49E-05	0	0	1.49E-05	1.18E-05	0.140075
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26.45954	8.45E-05	0	0.000716	0.0008	0.000104	0	0.000353	0.000457	0.000269	0	0.002933	0.003203	0.001227	0.000412	0.000352	0.005193	0.000393	0	0.003212	0.003605	0.001227	0.000412	0.000352	0.005595	0.040871	0	0.022506	0.063376	0.00025	0	1.14E-05	0.000262	0.003689	2.790126
95999.73	0.748263	0	2.381884	3.130148	1.504277	0	1.154804	2.659081	2.834936	0	10.72913	13.56407	10.26963	2.619429	7.474899	33.92802	4.136732	0	11.74705	15.88378	10.26963	2.619429	7.474899	36.24774	221.3665	0	105.054	326.4206	0.922153	0	0.026902	0.949055	10.9693	10123.05
318.7653	0.000769	0	0	0.000769	0.050222	0	0	0.050222	0.016555	0	0	0.016555	0	0	0	0.016555	0.018846	0	0	0.018846	0	0	0	0.018846	0.168994	0	0	0.168994	0.00302	0	0	0.00302	0.003297	28.47518
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520.5342	0.00165	0	0.014164	0.015815	0.002038	0	0.00698	0.009018	0.005264	0	0.058111	0.063375	0.026507	0.008958	0.007931	0.106771	0.007681	0	0.063624	0.071305	0.026507	0.008958	0.007931	0.114701	0.79949	0	0.446019	1.245508	0.0049	0	0.000246	0.005146	0.072337	54.88968
15916.73	0.128684	0.061795	0.260192	0.450671	0.1758	0.001658	0.412569	0.590028	0.635534	0.222775	1.275239	2.133548	1.649905	0.390517	2.293617	6.467586	0.92737	0.325073	1.396226	2.648668	1.649905	0.390517	2.293617	6.982707	22.3934	2.136327	26.96875	51.49847	0.154548	0.000658	0.002148	0.157353	0.969857	1678.4
8958.217	0.107272	0.002121	0	0.109393	1.402816	0.008554	0	1.411371	2.309505	0.045666	0	2.355171	0	0	0	2.355171	2.629218	0.051988	0	2.681206	0	0	0	2.681206	6.590437	0.378505	0	6.968942	0.084369	0.000514	0	0.084884	2.719203	800.2339
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2418.883	0.010222	0.008682	0.035483	0.054387	0.022287	0.000229	0.057519	0.080035	0.045901	0.031246	0.170695	0.247841	0.215854	0.049874	0.280793	0.794362	0.066978	0.045594	0.186889	0.299461	0.215854	0.049874	0.280793	0.845982	2.128118	0.301867	3.621342	6.051327	0.02351	0.000108	0.000296	0.023913	0.131203	255.0682
4488.88	0.038986	0.000875	0	0.03986	0.70162	0.005605	0	0.707225	0.83934	0.018833	0	0.858173	0	0	0	0.858173	0.955533	0.02144	0	0.976973	0	0	0	0.976973	2.20889	0.156096	0	2.364986	0.042197	0.000337	0	0.042534	1.23771	400.9899
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
942.4138	0.774176	0	0.270861	1.045037	0.177927	0	0.011902	0.18983	5.040238	0	2.011368	7.051606	3.57201	5.552682	5.957395	22.13369	6.089701	0	2.186929	8.27663	3.57201	5.552682	5.957395	23.35872	57.82753	0	12.2579	70.08543	0.00859	0	0.000727	0.009317	0.039978	99.37635
71727.12	0.606701	0	1.872137	2.478838	1.155991	0	0.806332	1.962323	2.466747	0	9.115271	11.58202	8.765207	2.11788	6.445271	28.91038	3.599471	0	9.980075	13.57955	8.765207	2.11788	6.445271	30.9079	157.6492	0	74.58073	232.2299	0.68793	0	0.021165	0.709096	6.49523	7563.535
1070.402	0.001708	0	0	0.001708	0.168642	0	0	0.168642	0.03678	0	0	0.03678	0	0	0	0.03678	0.041872	0	0	0.041872	0	0	0	0.041872	0.687239	0	0	0.687239	0.010143	0	0	0.010143	0.008164	95.61856
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326.7974	0.001017	0	0.008988	0.010006	0.001256	0	0.004417	0.005673	0.003255	0	0.036981	0.040235	0.019654	0.006735	0.006294	0.072918	0.004749	0	0.040489	0.045238	0.019654	0.006735	0.006294	0.077921	0.495625	0	0.283844	0.779469	0.003038	0	0.000193	0.003231	0.044971	34.46038

1391.799	0.007589	0	0.000293	0.007882	0.015993	0	0.000393	0.016387	0.031227	0	0.001172	0.032399	0.360225	0.086186	0.00208	0.480891	0.045566	0	0.001283	0.04685	0.360225	0.086186	0.00208	0.495341	0.75262	0	0.025295	0.777915	0.013757	0	2.47E-06	0.013759	0.033645	146.7635
378.2132	0.001686	0	0	0.001686	0.059588	0	0	0.059588	0.036302	0	0	0.036302	0	0	0	0.036302	0.041327	0	0	0.041327	0	0	0	0.041327	0.131675	0	0	0.131675	0.003584	0	0	0.003584	0.054502	33.78563
4584.499	0.02346	0.013446	0.044184	0.08109	0.044526	0.00037	0.032139	0.077035	0.112074	0.051149	0.234491	0.397715	0.133543	0.030443	0.248035	0.809735	0.163539	0.074636	0.256738	0.494913	0.133543	0.030443	0.248035	0.906934	2.524775	0.744971	4.942596	8.212343	0.044616	0.000264	0.000442	0.045322	0.122765	483.4297
15674.93	0.010584	0.003142	0	0.013726	2.358667	0.110925	0	2.469592	0.227861	0.067655	0	0.295516	0	0	0	0.295516	0.259403	0.07702	0	0.336423	0	0	0	0.336423	1.00632	2.393696	0	3.400017	0.141765	0.006667	0	0.148432	2.922738	1400.236
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
185.7515	0.117813	0.068452	0	0.186265	0.033389	0.004478	0	0.037867	0.001683	0.000978	0	0.002661	0	0	0	0.002661	0.120237	0.06986	0	0.190098	0	0	0	0.190098	0.464186	0.154179	0	0.618365	0	0	0	0	0.193391	21.47004
946.5929	0.006275	0.002528	0.009186	0.017988	0.011785	6.49E-05	0.007854	0.019704	0.030513	0.00968	0.049073	0.089266	0.047471	0.010223	0.052443	0.199404	0.044524	0.014125	0.053729	0.112378	0.047471	0.010223	0.052443	0.222516	0.709882	0.074939	1.013932	1.798753	0.00923	4.82E-05	8E-05	0.009358	0.024935	99.81704
1108.925	0.002372	0.000497	0	0.002869	0.169913	0.004799	0	0.174712	0.051077	0.010699	0	0.061775	0	0	0	0.061775	0.058147	0.01218	0	0.070326	0	0	0	0.070326	0.168642	0.166227	0	0.334869	0.010212	0.000288	0	0.010501	0.171642	99.05986
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47.06355	0.032451	0.003807	0	0.036258	0.009373	0.000221	0	0.009594	0.000464	5.44E-05	0	0.000518	0	0	0	0.000518	0.033119	0.003886	0	0.037004	0	0	0	0.037004	0.138553	0.006691	0	0.145244	0	0	0	0.054372	5.439829
351.0053	0.004658	0.018236	0.002202	0.025097	0.011102	0.000599	0.002018	0.013719	0.022647	0.078296	0.012485	0.113428	0.018564	0.00413	0.011576	0.147697	0.033047	0.114249	0.01367	0.160966	0.018564	0.00413	0.011576	0.195234	0.533401	0.605235	0.284889	1.423525	0.003265	0.000188	1.66E-05	0.00347	0.017563	37.01307
571.0004	0.001535	0.000161	0	0.001697	0.082641	0.00732	0	0.089961	0.033054	0.003476	0	0.03653	0	0	0	0.03653	0.03763	0.003957	0	0.041586	0	0	0	0.041586	0.095655	0.093378	0	0.189033	0.004967	0.00044	0	0.005407	0.065509	51.00724
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
219.5096	0.514396	0.075424	0	0.58982	0.040242	0.004506	0	0.044748	0.00735	0.001078	0	0.008427	0	0	0	0.008427	0.524978	0.076976	0	0.601955	0	0	0	0.601955	1.709551	0.131858	0	1.841409	0	0	0	0	0.135211	25.37196
349.6613	0.000762	0	0.00107	0.001831	0.003211	0	0.000898	0.004109	0.002376	0	0.004399	0.006775	0.001411	0.000423	0.00125	0.009859	0.003467	0	0.004816	0.008283	0.001411	0.000423	0.00125	0.011368	0.120476	0	0.100933	0.221409	0.003447	0	9.5E-06	0.003457	0.012174	36.87135
451.8876	0.001156	0	0	0.001156	0.071195	0	0	0.071195	0.024892	0	0	0.024892	0	0	0	0.024892	0.028338	0	0	0.028338	0	0	0	0.028338	0.028687	0	0	0.028687	0.004282	0	0	0.004282	0.08197	40.36694
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2058.961	3.060033	0	0	3.060033	0.419733	0	0	0.419733	0.044665	0	0	0.044665	0	0	0	0.044665	3.124018	0	0	3.124018	0	0	0	3.124018	40.18023	0	0	40.18023	0	0	0	0	0.967364	237.9845
16.76096	0.000919	0	2.26E-07	0.00092	0.001267	0	1.27E-05	0.001279	0.004708	0	1.19E-06	0.004709	0.000472	0.000124	0.001082	0.006387	0.00687	0	1.3E-06	0.006871	0.000472	0.000124	0.001082	0.008549	0.25203	0	0.009187	0.261217	0.000165	0	9.51E-07	0.000166	0.000369	1.767422
78815.2	0.030977	0.1069	0	0.137877	11.62907	0.788298	0	12.41737	0.666932	2.301519	0	2.96845	0	0	0	2.96845	0.759251	2.620104	0	3.379355	0	0	0	3.379355	2.880467	33.7799	0	36.66037	0.698953	0.04738	0	0.746333	10.86929	7040.531
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1957.387	2.062355	0.525007	0	2.587362	0.358405	0.040622	0	0.399026	0.047602	0.008192	0	0.055794	0	0	0	0.055794	2.125446	0.536595	0	2.662041	0	0	0	2.662041	12.84928	1.5187	0	14.36798	0	0	0	0	1.133199	226.2441
147872.1	1.022716	0	3.706269	4.728985	2.186738	0	1.9359	4.122638	3.658721	0	16.30492	19.96364	19.85887	5.283563	14.54196	59.64803	5.338798	0	17.85183	23.19063	19.85887	5.283563	14.54196	62.87502	350.9637	0	166.9388	517.9026	1.420831	0	0.041035	1.461866	20.72131	15592.93
234.8271	0.001118	0	0	0.001118	0.036997	0	0	0.036997	0.024071	0	0	0.024071	0	0	0	0.024071	0.027403	0	0	0.027403	0	0	0	0.027403	0.358635	0	0	0.358635	0.002225	0	0	0.002225	0.003143	20.97701
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3053.986	0.009719	0	0.084657	0.094376	0.012017	0	0.041645	0.053662	0.03104	0	0.347834	0.378874	0.259157	0.086451	0.095081	0.819563	0.045294	0	0.380834	0.426128	0.259157	0.086451	0.095081	0.866817	4.714533	0	2.670209	7.384741	0.028936	0	0.001256	0.030192	0.412473	322.039
14864.93	0.269483	0	0.550358	0.819841	0.395154	0	0.212751	0.607905	1.182776	0	2.812178	3.994954	3.978466	1.012236	2.959065	11.94472	1.725904	0	3.078981	4.804885	3.978466	1.012236	2.959065	12.75465	60.94358	0	27.4282	88.37178	0.142296	0	0.004659	0.146955	1.726431	1567.488
0.943798	3.36E-05	0	0	3.36E-05	0.000149	0	0	0.000149	0.000723	0	0	0.000723	0	0	0	0.000723	0.000823	0	0	0.000823	0	0	0	0.000823	0.005113	0	0	0.005113	8.94E-06	0	0	8.94E-06	7.37E-06	0.084309
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32.39694	0.000103	0	0.000892	0.000995	0.000127	0	0.000439	0.000566	0.000329	0	0.003664	0.003994	0.00153	0.00051	0.000436	0.006469	0.000481	0	0.004012	0.004493	0.00153	0.00051	0.000436	0.006968	0.050007	0	0.028116	0.078123	0.000306	0	1.41E-05	0.00032	0.004515	3.416217
95356.11	0.709923	0	2.30432	3.014243	1.453232	0	1.149035	2.602267	2.652737	0	10.28622	12.93895	10.09038	2.543541	7.33901	32.91188	3.870868	0	11.26211	15.13298	10.09038	2.543541	7.33901	35.10591	215.5255	0	102.0683	317.5938	0.915956	0	0.026736	0.942692	11.26998	10055.18
318.2435	0.000773	0	0	0.000773	0.050139	0	0	0.050139	0.016633	0	0	0.016633	0	0	0	0.016633	0.018936	0	0	0.018936	0	0	0	0.018936	0.170852	0	0	0.170852	0.003016	0	0	0.003016	0.003351	28.42857
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
573.0757	0.001809	0	0.015961	0.01777	0.002228	0	0.00784	0.010068	0.00579	0	0.065706	0.071496	0.030216	0.01016	0.009133	0.121004	0.008449	0	0.07194	0.080388	0.030216	0.01016	0.009133	0.129897	0.879321	0	0.504331	1.383651	0.00539	0	0.000275	0.005665	0.079594	60.43012
15467.07	0.114239	0.0599	0.249106	0.423245	0.157575	0.001622	0.399966	0.559163	0.559666	0.214861	1.216779	1.991306	1.5699	0.368085	2.184714	6.114005	0.816663	0.313525	1.33222	2.462408	1.5699	0.368085	2.184714	6.585106	21.06988	2.112729	26.90114	50.08375	0.150145	0.000645	0.002117	0.152908	0.957269	1630.983
8756.471	0.09942	0.002094	0	0.101515	1.37121	0.008375	0	1.379586	2.140463	0.045092	0	2.185555	0	0	0	2.185555	2.436774	0.051334	0	2.488109	0	0	0	2.488109	6.041795	0.373747	0	6.415542	0.082468	0.000504	0	0.082972	2.742843	782.2121
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2333.118	0.008717	0.008341	0.033661	0.050719	0.019806	0.000221	0.055421	0.075448	0.038469	0.029902	0.161119	0.22949	0.209424	0.047121	0.271212	0.757247	0.056134	0.043632	0.176405	0.276172	0.209424	0.047121	0.271212	0.803929	1.981033	0.2966	3.567255	5.844888	0.022672	0.000105	0.000289	0.023065	0.128314	246.0244
4429.172	0.037123	0.000878	0	0.038001	0.692233	0.005585	0	0.697818	0.799229	0.018911	0	0.818141	0	0	0	0.818141	0.909869	0.021529	0	0.931399	0	0	0	0.931399	2.095971	0.156747	0	2.252718	0.041633	0.000336	0	0.041969	1.250489	395.6562
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
938.7017	0.757507	0	0.265358	1.022864	0.175717	0	0.011518	0.187234	4.894199	0	1.963037	6.857236	3.555747	5.572939	5.989125	21.97505	5.932136	0	2.134596	8.066732	3.555747	5.572939	5.989125	23.18454	56.39745	0	12.25241	68.64986	0.008565	0	0.000715	0.00928	0.040109	98.98492
70356.11	0.555496	0	1.760394	2.31589	1.077702	0	0.784089	1.861791	2.2263	0	8.468824	10.69512	8.524652	2.032093	6.250937	27.50281	3.248612	0	9.272296	12.52091	8.524652	2.032093	6.250937	29.32859	149.4608	0	71.10039	220.5612	0.674796	0	0.020745	0.695542	6.600732	7418.964
1026.533	0.001566	0	0	0.001566	0.161731	0	0	0.161731	0.033723	0	0	0.033723	0	0	0	0.033723	0.038391	0	0	0.038391	0	0	0	0.038391	0.653735	0	0	0.653735	0.009727	0	0	0.009727	0.007952	91.69979
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358.5718	0.001112	0	0.010088	0.0112	0.001369	0	0.004942	0.006311	0.003569	0	0.041646	0.045215	0.023234	0.007664	0.007767	0.083879	0.005207	0	0.045597	0.050805	0.023234	0.007664	0.007767	0.089469	0.543334	0	0.319664	0.862998	0.00333	0	0.000215	0.003545	0.049297	37.81095
1340.425	0.006447	0	0.000278	0.006725	0.014491	0	0.000386	0.014877	0.02571	0	0.001099	0.026809	0.328789	0.077347	0.001879	0.434823	0.037516	0	0.001203	0.038719	0.328789	0.077347	0.001879	0.446733	0.592933	0	0.023576	0.616509	0.013249	0	2.35E-06	0.013251	0.032447	141.3461
374.4093	0.00163	0	0	0.00163	0.058988	0	0	0.058988	0.035094	0	0	0.035094	0	0	0	0.035094	0.039952	0	0	0.039952	0	0	0	0.039952	0.126589	0	0	0.126589	0.003548	0	0	0.003548	0.055405	33.44584
4412.84	0.019953	0.013165	0.042138	0.075256	0.039074	0.000356	0.03058	0.07001	0.093967	0.049915	0.221491	0.365373	0.126507	0.028155	0.233263	0.753298	0.137116	0.072836	0.242504	0.452457	0.126507	0.028155	0.233263	0.840382	2.077245	0.726747	4.639119	7.443112	0.042945	0.000256	0.000425	0.043625	0.119283	465.3284
15553.34	0.00937	0.003068	0	0.012439	2.339475	0.110961	0	2.450436	0.201744	0.066063	0	0.267807	0	0	0	0.267807	0.22967	0.075208	0	0.304878	0	0	0	0.304878	0.93276	2.416209	0	3.348969	0.140612	0.006669	0	0.147281	2.92774	1389.374
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189.8715	0.121074	0.070714	0	0.191788	0.034037	0.00467	0	0.038707	0.00173	0.00101	0	0.00274	0	0	0	0.00274	0.123565	0.072169	0	0.195734	0	0	0	0.195734	0.473023	0.163349	0	0.636372	0	0	0	0	0.197748	21.94625
885.9652	0.005488	0.002435	0.008816	0.01674	0.010432	6.13E-05	0.007461	0.017955	0.026633	0.009345	0.047223	0.083201	0.048036	0.010022	0.0531	0.194359	0.038863	0.013636	0.051703	0.104202	0.048036	0.010022	0.0531	0.21536	0.621386	0.07234	0.966307	1.660033	0.008636	4.63E-05	7.68E-05	0.008759	0.023553	93.42392
1101.936	0.002284	0.000511	0	0.002795	0.168722	0.004889	0	0.17361	0.049181	0.011004	0	0.060185	0	0	0	0.060185	0.055989	0.012527	0	0.068516	0	0	0	0.068516	0.163423	0.171361	0	0.334785	0.010141	0.000294	0	0.010435	0.172683	98.43547
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47.20658	0.033214	0.003875	0	0.037089	0.009396	0.000228	0	0.009623	0.000475	5.54E-05	0	0.00053	0	0	0	0.00053	0.033897	0.003955	0	0.037852	0	0	0	0.037852	0.13997	0.00712	0	0.14709	0	0	0	0.055156	5.45636
351.634	0.00431	0.018388	0.002205	0.024902	0.01069	0.000596	0.002047	0.013332	0.020904	0.078874	0.012464	0.112242	0.020468	0.004292	0.012838	0.14984	0.030503	0.115093	0.013646	0.159242	0.020468	0.004292	0.012838	0.196841	0.49369	0.609617	0.280602	1.383909	0.003271	0.000189	1.66E-05	0.003476	0.017648	37.07937
558.5854	0.001434	0.000158	0	0.001592	0.080829	0.007177	0	0.088005	0.030868	0.003411	0	0.034279	0	0	0	0.034279	0.03514	0.003883	0	0.039024	0	0	0	0.039024	0.090379	0.095141	0	0.18552	0.004858	0.000431	0	0.005289	0.066754	49.89821
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
222.4187	0.517631	0.077139	0	0.594771	0.040704	0.004638	0	0.045342	0.007396	0.001102	0	0.008498	0	0	0	0.008498	0.528281	0.078726	0	0.607007	0	0	0	0.607007	1.711938	0.137553	0	1.849491	0	0	0	0	0.137479	25.70821
341.7786	0.000732	0	0.00105	0.001782	0.003157	0	0.000872	0.004029	0.002281	0	0.004324	0.006605	0.001362	0.000392	0.001255	0.009614	0.003328	0	0.004734	0.008062	0.001362	0.000392	0.001255	0.011071	0.120015	0	0.099451	0.219467	0.00337	0	9.33E-06	0.003379	0.012055	36.04013
420.7743	0.001086	0	0	0.001086	0.066293	0	0	0.066293	0.023391	0	0	0.023391	0	0	0	0.023391	0.026629	0	0	0.026629	0	0	0	0.026629	0.026981	0	0	0.026981	0.003987	0	0	0.003987	0.077549	37.5876
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1969.821	3.169	0	0	3.169	0.401561	0	0	0.401561	0.046193	0	0	0.046193	0	0	0	0.046193	3.235195	0	0	3.235195	0	0	0	3.235195	40.57631	0	0	40.57631	0	0	0	0	0.938313	227.6813
15.73177	0.00078	0	1.99E-07	0.00078	0.001133	0	1.03E-05	0.001143	0.003798	0	1.05E-06	0.003799	0.000373	9.54E-05	0.000834	0.0051	0.005541	0	1.15E-06	0.005542	0.000373	9.54E-05	0.000834	0.006844	0.219364	0	0.007808	0.227172	0.000155	0	8.33E-07	0.000156	0.000354	1.658895
78266.06	0.030615	0.108348	0	0.138963	11.54539	0.785461	0	12.33085	0.659128	2.332707	0	2.991835	0	0	0	2.991835	0.750367	2.655609	0	3.405976	0	0	0	3.405976	2.796569	34.27002	0	37.06659	0.693923	0.047209	0	0.741133	10.99598	6991.476
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1965.196	1.97052	0.523219	0	2.493739	0.359317	0.041302	0	0.400618	0.044432	0.008096	0	0.052528	0	0	0	0.052528	2.029605	0.53469	0	2.564295	0	0	0	2.564295	12.59285	1.550973	0	14.14382	0	0	0	0	1.145923	227.1467
144777.1	0.954197	0	3.514592	4.46879	2.113803	0	1.892084	4.005887	3.362002	0	15.34195	18.70396	19.13956	5.023199	14.01112	56.87784	4.905825	0	16.79751	21.70333	19.13956	5.023199	14.01112	59.87722	337.0652	0	159.0886	496.1538	1.391171	0	0.040097	1.431269	21.00848	15266.56
206.7634	0.000872	0	0	0.000872	0.032576	0	0	0.032576	0.018771	0	0	0.018771	0	0	0	0.018771	0.02137	0	0	0.02137	0	0	0	0.02137	0.301368	0	0	0.301368	0.001959	0	0	0.001959	0.002806	18.47009
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3101.824	0.00983	0	0.087978	0.097809	0.012124	0	0.043141	0.055265	0.031496	0	0.362691	0.394187	0.281201	0.090496	0.106317	0.872202	0.045959	0	0.397101	0.44306	0.281201	0.090496	0.106317	0.921075	4.784626	0	2.784389	7.569015	0.029369	0	0.001296	0.030665	0.421267	327.0834
14338.85	0.238583	0	0.505407	0.74399	0.357957	0	0.20277	0.560727	1.038273	0	2.554954	3.593226	3.737705	0.936776	2.747318	11.01503	1.515045	0	2.797353	4.312398	3.737705	0.936776	2.747318	11.7342	55.30741	0	25.0128	80.32022	0.137286	0	0.004468	0.141754	1.706609	1512.014
0.527811	1.69E-05	0	0	1.69E-05	8.32E-05	0	0	8.32E-05	0.000365	0	0	0.000365	0	0	0	0.000365	0.000415	0	0	0.000415	0	0	0	0.000415	0.00259	0	0	0.00259	5E-06	0	0	5E-06	4.14E-06	0.047149
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38.93199	0.000124	0	0.001088	0.001212	0.000152	0	0.000535	0.000686	0.000396	0	0.004481	0.004877	0.00187	0.000622	0.000531	0.0079	0.000577	0	0.004906	0.005484	0.00187	0.000622	0.000531	0.008506	0.060051	0	0.034384	0.094435	0.000368	0	1.72E-05	0.000385	0.005425	4.10533
94747.55	0.676764	0	2.232839	2.909602	1.409462	0	1.145908	2.55537	2.49408	0	9.881192	12.37527	9.791476	2.457451	7.105116	31.72931	3.639355	0	10.81866	14.45802	9.791476	2.457451	7.105116	33.81206	210.6522	0	99.45977	310.1119	0.910093	0	0.026583	0.936676	11.54082	9991.011
317.4943	0.000777	0	0	0.000777	0.050021	0	0	0.050021	0.016723	0	0	0.016723	0	0	0	0.016723	0.019038	0	0	0.019038	0	0	0	0.019038	0.17262	0	0	0.17262	0.003008	0	0	0.003008	0.003398	28.36164

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625.8038	0.001968	0	0.0178	0.019768	0.002418	0	0.008717	0.011135	0.006316	0	0.073505	0.079821	0.035076	0.011669	0.010924	0.13749	0.009217	0	0.080478	0.089695	0.035076	0.011669	0.010924	0.147365	0.959283	0	0.56421	1.523493	0.005882	0	0.000305	0.006187	0.086882	65.99023
14993.37	0.099435	0.057952	0.236394	0.393781	0.139918	0.001582	0.387277	0.528777	0.481631	0.206793	1.145339	1.833763	1.450955	0.340182	2.020101	5.645002	0.702795	0.301752	1.254003	2.258549	1.450955	0.340182	2.020101	6.069788	19.17208	2.083748	26.46979	47.72562	0.145517	0.000632	0.002076	0.148225	0.940777	1581.032
8540.648	0.092037	0.002065	0	0.094102	1.337391	0.008191	0	1.345583	1.981497	0.044462	0	2.02596	0	0	0	2.02596	2.255803	0.050617	0	2.30642	0	0	0	2.30642	5.540204	0.368525	0	5.908729	0.080434	0.000493	0	0.080927	2.750855	762.9327
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2246.883	0.007422	0.008002	0.031823	0.047247	0.017595	0.000213	0.05333	0.071139	0.032116	0.028573	0.151387	0.212076	0.19728	0.043905	0.254689	0.70795	0.046864	0.041694	0.165749	0.254308	0.19728	0.043905	0.254689	0.750181	1.841925	0.290867	3.504341	5.637133	0.021829	0.000102	0.000281	0.022213	0.125147	236.931
4356.227	0.035335	0.000879	0	0.036214	0.680775	0.005551	0	0.686325	0.760733	0.018934	0	0.779667	0	0	0	0.779667	0.866044	0.021556	0	0.887599	0	0	0	0.887599	1.990752	0.156938	0	2.14769	0.040944	0.000334	0	0.041277	1.255855	389.14
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935.5366	0.742609	0	0.260382	1.002991	0.173746	0	0.011164	0.18491	4.763543	0	1.919266	6.682809	3.545414	5.595382	6.023567	21.84717	5.791118	0	2.087207	7.878325	3.545414	5.595382	6.023567	23.04269	55.11706	0	12.2557	67.37276	0.008544	0	0.000705	0.009249	0.04023	98.65117
69113.56	0.511825	0	1.662968	2.174793	1.011871	0	0.766688	1.778559	2.019771	0	7.908885	9.928655	8.156175	1.93762	5.956727	25.97918	2.947245	0	8.659233	11.60648	8.156175	1.93762	5.956727	27.657	142.216	0	68.09774	210.3138	0.662893	0	0.020364	0.683258	6.699263	7287.938
985.3252	0.001414	0	0	0.001414	0.155238	0	0	0.155238	0.030448	0	0	0.030448	0	0	0	0.030448	0.034663	0	0	0.034663	0	0	0	0.034663	0.618223	0	0	0.618223	0.009336	0	0	0.009336	0.007749	88.01871
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390.2111	0.001205	0	0.011206	0.012411	0.00148	0	0.005473	0.006953	0.00388	0	0.046402	0.050282	0.02539	0.008307	0.008433	0.092412	0.005662	0	0.050804	0.056467	0.02539	0.008307	0.008433	0.098596	0.5907	0	0.356179	0.946878	0.003621	0	0.000236	0.003858	0.053606	41.14727
1292.572	0.005275	0	0.000264	0.005539	0.013071	0	0.000379	0.01345	0.019896	0	0.001034	0.02093	0.293803	0.068359	0.001661	0.384753	0.029032	0	0.001132	0.030164	0.293803	0.068359	0.001661	0.393987	0.419549	0	0.021976	0.441525	0.012776	0	2.24E-06	0.012778	0.031304	136.3001
370.7495	0.001575	0	0	0.001575	0.058412	0	0	0.058412	0.033917	0	0	0.033917	0	0	0	0.033917	0.038613	0	0	0.038613	0	0	0	0.038613	0.121632	0	0	0.121632	0.003513	0	0	0.003513	0.056267	33.11891
4228.542	0.016933	0.012845	0.040137	0.069915	0.034183	0.000341	0.029145	0.06367	0.078374	0.048579	0.20895	0.335904	0.117474	0.025761	0.214866	0.694005	0.114364	0.070887	0.228774	0.414025	0.117474	0.025761	0.214866	0.772125	1.701155	0.70709	4.344683	6.752928	0.041149	0.000247	0.000408	0.041803	0.115319	445.8945
15341.3	0.008333	0.002995	0	0.011328	2.306661	0.110368	0	2.417029	0.179403	0.064485	0	0.243888	0	0	0	0.243888	0.204236	0.073412	0	0.277648	0	0	0	0.277648	0.866891	2.424635	0	3.291526	0.138639	0.006634	0	0.145273	2.913401	1370.433
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192.6926	0.123373	0.072528	0	0.195901	0.034453	0.004829	0	0.039282	0.001763	0.001036	0	0.002799	0	0	0	0.002799	0.125911	0.07402	0	0.199931	0	0	0	0.199931	0.478686	0.171191	0	0.649877	0	0	0	0	0.200714	22.27233
826.2313	0.004773	0.002339	0.008381	0.015494	0.009195	5.78E-05	0.00708	0.016333	0.023047	0.008996	0.044856	0.0769	0.046667	0.009573	0.051507	0.184647	0.03363	0.013128	0.049112	0.09587	0.046667	0.009573	0.051507	0.203617	0.536538	0.069637	0.915528	1.521702	0.00805	4.43E-05	7.33E-05	0.008168	0.022153	87.12506
1095.294	0.002172	0.000522	0	0.002693	0.167611	0.004953	0	0.172564	0.046758	0.011229	0	0.057987	0	0	0	0.057987	0.05323	0.012784	0	0.066014	0	0	0	0.066014	0.157437	0.175378	0	0.332815	0.010074	0.000298	0	0.010372	0.173789	97.84218
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47.25259	0.033784	0.003927	0	0.037711	0.0094	0.000232	0	0.009633	0.000483	5.61E-05	0	0.000539	0	0	0	0.000539	0.034479	0.004007	0	0.038487	0	0	0	0.038487	0.140999	0.007483	0	0.148482	0	0	0	0	0.055734	5.461679
351.8795	0.004044	0.018502	0.002229	0.024775	0.010452	0.000591	0.002094	0.013136	0.019582	0.079318	0.012585	0.111486	0.022777	0.004548	0.014508	0.153319	0.028574	0.115741	0.013779	0.158094	0.022777	0.004548	0.014508	0.199928	0.460984	0.613017	0.277867	1.351869	0.003273	0.00019	1.66E-05	0.003479	0.017709	37.10526
544.2876	0.001326	0.000155	0	0.001481	0.078751	0.007002	0	0.085753	0.028544	0.00334	0	0.031884	0	0	0	0.031884	0.032496	0.003802	0	0.036298	0	0	0	0.036298	0.084691	0.096585	0	0.181276	0.004733	0.000421	0	0.005154	0.067691	48.62099
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224.4189	0.51894	0.078633	0	0.597573	0.040996	0.004753	0	0.045749	0.007415	0.001124	0	0.008538	0	0	0	0.008538	0.529617	0.080251	0	0.609868	0	0	0	0.609868	1.708683	0.142615	0	1.851298	0	0	0	0	0.139117	25.9394
338.9977	0.000718	0	0.001018	0.001736	0.003144	0	0.000844	0.003989	0.002234	0	0.004169	0.006403	0.001224	0.000346	0.001188	0.009161	0.00326	0	0.004564	0.007824	0.001224	0.000346	0.001188	0.010582	0.119913	0	0.098036	0.217949	0.003342	0	9.16E-06	0.003351	0.012029	35.74689
384.3089	0.000998	0	0	0.000998	0.060548	0	0	0.060548	0.021493	0	0	0.021493	0	0	0	0.021493	0.024468	0	0	0.024468	0	0	0	0.024468	0.024809	0	0	0.024809	0.003642	0	0	0.003642	0.071754	34.33016
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1859.179	3.293071	0	0	3.293071	0.379006	0	0	0.379006	0.04794	0	0	0.04794	0	0	0	0.04794	3.36179	0	0	3.36179	0	0	0	3.36179	40.85228	0	0	40.85228	0	0	0	0	0.902843	214.8928
14.83062	0.000696	0	1.7E-07	0.000696	0.001	0	8.71E-06	0.001009	0.003316	0	8.98E-07	0.003317	0.000291	7.17E-05	0.000628	0.004308	0.004839	0	9.83E-07	0.00484	0.000291	7.17E-05	0.000628	0.005831	0.207745	0	0.006676	0.214421	0.000146	0	7.32E-07	0.000147	0.00034	1.56387
77689.76	0.030264	0.109587	0	0.13985	11.45822	0.781832	0	12.24005	0.651566	2.359372	0	3.010938	0	0	0	3.010938	0.741759	2.685966	0	3.427724	0	0	0	3.427724	2.721591	34.6924	0	37.414	0.688684	0.046991	0	0.735676	11.10914	6939.995
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1964.26	1.874379	0.519315	0	2.393693	0.358672	0.041755	0	0.400427	0.041638	0.007986	0	0.049624	0	0	0	0.049624	1.929868	0.530644	0	2.460511	0	0	0	2.460511	12.27882	1.575063	0	13.85388	0	0	0	0	1.153567	227.0385
141988.8	0.896179	0	3.336913	4.233092	2.052816	0	1.852883	3.905699	3.11113	0	14.44777	17.5589	18.63348	4.788071	13.65813	54.63858	4.539754	0	15.81849	20.35825	18.63348	4.788071	13.65813	57.43792	325.3407	0	151.9957	477.3364	1.364462	0	0.039241	1.403704	21.26057	14972.54
181.4423	0.000657	0	0	0.000657	0.028586	0	0	0.028586	0.014151	0	0	0.014151	0	0	0	0.014151	0.01611	0	0	0.01611	0	0	0	0.01611	0.250134	0	0	0.250134	0.001719	0	0	0.001719	0.002501	16.20816
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3137.087	0.009903	0	0.090893	0.100796	0.012186	0	0.044435	0.056621	0.031821	0	0.375887	0.407708	0.294287	0.092435	0.112685	0.907115	0.046434	0	0.411549	0.457983	0.294287	0.092435	0.112685	0.957389	4.835366	0	2.885815	7.721181	0.029683	0	0.00133	0.031013	0.428127	330.8019
13852.51	0.210831	0	0.463695	0.674526	0.323879	0	0.193514	0.517393	0.908325	0	2.31622	3.224544	3.513174	0.868775	2.562613	10.16911	1.325425	0	2.535969	3.861394	3.513174	0.868775	2.562613	10.80596	50.24462	0	22.75789	73.0025	0.132657	0	0.004289	0.136946	1.68773	1460.73
0.216444	4.41E-06	0	0	4.41E-06	3.41E-05	0	0	3.41E-05	9.49E-05	0	0	9.49E-05	0	0	0	9.49E-05	0.000108	0	0	0.000108	0	0	0	0.000108	0.000677	0	0	0.000677	2.05E-06	0	0	2.05E-06	1.75E-06	0.019335
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46.08092	0.000146	0	0.001305	0.001451	0.000179	0	0.00064	0.000819	0.000468	0	0.005387	0.005855	0.002267	0.000751	0.000647	0.009521	0.000683	0	0.005898	0.006581	0.002267	0.000751	0.000647	0.010247	0.071027	0	0.041335	0.112362	0.000435	0	2.05E-05	0.000456	0.006419	4.859176
94151.22	0.648772	0	2.167137	2.815909	1.371977	0	1.144904	2.516882	2.359583	0	9.512108	11.87169	9.629324	2.38264	6.980365	30.86402	3.443098	0	10.41456	13.85766	9.629324	2.38264	6.980365	32.84999	206.7896	0	97.22455	304.0141	0.904339	0	0.026441	0.930781	11.78159	9928.128
316.295	0.000781	0	0	0.000781	0.049832	0	0	0.049832	0.016817	0	0	0.016817	0	0	0	0.016817	0.019145	0	0	0.019145	0	0	0	0.019145	0.174205	0	0	0.174205	0.002997	0	0	0.002997	0.003438	28.25451
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
678.8548	0.002127	0	0.01968	0.021807	0.002608	0	0.009612	0.012219	0.006845	0	0.081502	0.088347	0.039662	0.013043	0.012532	0.153583	0.009988	0	0.089234	0.099222	0.039662	0.013043	0.012532	0.164459	1.039651	0	0.625615	1.665266	0.006375	0	0.000336	0.006711	0.094207	71.58439
14506.58	0.081313	0.056015	0.223172	0.360501	0.122844	0.00154	0.374837	0.499221	0.381294	0.198834	1.068003	1.64813	1.341438	0.313581	1.865549	5.168699	0.556383	0.290138	1.169329	2.015849	1.341438	0.313581	1.865549	5.536418	16.96154	2.051311	25.98558	44.99843	0.140763	0.000618	0.002032	0.143412	0.921601	1529.701
8308.064	0.085006	0.002032	0	0.087038	1.300942	0.007997	0	1.308939	1.830134	0.04375	0	1.873884	0	0	0	1.873884	2.083486	0.049806	0	2.133292	0	0	0	2.133292	5.075937	0.362622	0	5.438559	0.078242	0.000481	0	0.078723	2.743774	742.1561
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2160.996	0.006292	0.007669	0.030084	0.044046	0.015669	0.000206	0.051248	0.067123	0.026522	0.027284	0.14221	0.196016	0.186284	0.041064	0.240262	0.663626	0.038701	0.039812	0.155702	0.234216	0.186284	0.041064	0.240262	0.701826	1.718204	0.28484	3.442132	5.445176	0.02099	9.95E-05	0.000274	0.021364	0.121764	227.8743
4269.916	0.033606	0.000878	0	0.034484	0.667225	0.005502	0	0.672727	0.723525	0.018895	0	0.742421	0	0	0	0.742421	0.823686	0.021511	0	0.845196	0	0	0	0.845196	1.89109	0.156612	0	2.047702	0.040129	0.000331	0	0.04046	1.25394	381.4299
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
932.3223	0.728769	0	0.255489	0.984258	0.171932	0	0.010796	0.182729	4.642231	0	1.876282	6.518514	3.476268	5.608804	6.029679	21.63327	5.659961	0	2.040669	7.700631	3.476268	5.608804	6.029679	22.81538	53.92673	0	12.24763	66.17436	0.008523	0	0.000694	0.009217	0.040337	98.31222
67992.34	0.477385	0	1.578372	2.055757	0.95812	0	0.753291	1.711411	1.85817	0	7.425968	9.284138	7.864676	1.852909	5.72718	24.7289	2.711437	0	8.1305	10.84194	7.864676	1.852909	5.72718	26.2867	136.7897	0	65.53137	202.321	0.652149	0	0.020024	0.672173	6.790644	7169.707
945.8427	0.001286	0	0	0.001286	0.149018	0	0	0.149018	0.02768	0	0	0.02768	0	0	0	0.02768	0.031511	0	0	0.031511	0	0	0	0.031511	0.585452	0	0	0.585452	0.008962	0	0	0.008962	0.007551	84.49176
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
421.3743	0.001297	0	0.012327	0.013624	0.001589	0	0.006005	0.007594	0.004187	0	0.051191	0.055378	0.027549	0.008981	0.00909	0.100998	0.006109	0	0.056048	0.062157	0.027549	0.008981	0.00909	0.107777	0.637258	0	0.392951	1.030208	0.003907	0	0.000258	0.004166	0.057846	44.4334
1251.396	0.004392	0	0.00025	0.004643	0.011893	0	0.000372	0.012265	0.015631	0	0.000966	0.016596	0.263081	0.060501	0.001472	0.341651	0.022808	0	0.001058	0.023866	0.263081	0.060501	0.001472	0.34892	0.292864	0	0.020502	0.313366	0.012369	0	2.14E-06	0.012371	0.03032	131.9582
367.3244	0.001522	0	0	0.001522	0.057872	0	0	0.057872	0.032775	0	0	0.032775	0	0	0	0.032775	0.037312	0	0	0.037312	0	0	0	0.037312	0.116826	0	0	0.116826	0.003481	0	0	0.003481	0.057096	32.81295
4031.551	0.014473	0.012482	0.038274	0.065229	0.030311	0.000327	0.027683	0.05832	0.065801	0.047137	0.197668	0.310607	0.10915	0.023599	0.198188	0.641544	0.096017	0.068783	0.216422	0.381221	0.10915	0.023599	0.198188	0.712158	1.402441	0.685936	4.072144	6.160521	0.039228	0.000237	0.000391	0.039856	0.110861	425.122
15039.77	0.007433	0.00292	0	0.010353	2.260363	0.109159	0	2.369522	0.160024	0.062869	0	0.222892	0	0	0	0.222892	0.182175	0.071571	0	0.253746	0	0	0	0.253746	0.807426	2.41898	0	3.226406	0.135857	0.006561	0	0.142418	2.880436	1343.497
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
194.2158	0.124743	0.073906	0	0.198649	0.034635	0.004957	0	0.039592	0.001782	0.001056	0	0.002838	0	0	0	0.002838	0.127309	0.075426	0	0.202735	0	0	0	0.202735	0.481069	0.177833	0	0.658902	0	0	0	0	0.202253	22.44839
768.4256	0.004134	0.002242	0.007958	0.014334	0.008125	5.44E-05	0.006688	0.014867	0.019802	0.008647	0.042581	0.07103	0.044953	0.009104	0.049515	0.174602	0.028894	0.012618	0.046621	0.088133	0.044953	0.009104	0.049515	0.191705	0.460592	0.066926	0.868326	1.395844	0.007484	4.24E-05	7E-05	0.007597	0.020768	81.02951
1090.366	0.002083	0.000528	0	0.002611	0.166812	0.004976	0	0.171788	0.044851	0.011357	0	0.056209	0	0	0	0.056209	0.05106	0.012929	0	0.063989	0	0	0	0.063989	0.152711	0.177823	0	0.330534	0.010026	0.000299	0	0.010325	0.174875	97.402
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47.25779	0.034231	0.003963	0	0.038194	0.009398	0.000236	0	0.009634	0.000489	5.66E-05	0	0.000546	0	0	0	0.000546	0.034935	0.004045	0	0.03898	0	0	0	0.03898	0.14188	0.007779	0	0.149659	0	0	0	0	0.056211	5.46228
350.334	0.003686	0.018529	0.00222	0.024434	0.009999	0.000585	0.002133	0.012716	0.017793	0.079366	0.012491	0.10965	0.02342	0.004622	0.014988	0.15268	0.025963	0.115811	0.013676	0.15545	0.02342	0.004622	0.014988	0.19848	0.417016	0.613367	0.272939	1.303322	0.003258	0.000189	1.65E-05	0.003463	0.01768	36.94229
528.1842	0.001212	0.000152	0	0.001363	0.076417	0.006799	0	0.083216	0.026088	0.003264	0	0.029352	0	0	0	0.029352	0.029699	0.003715	0	0.033415	0	0	0	0.033415	0.078633	0.097724	0	0.176357	0.004593	0.000409	0	0.005002	0.068305	47.18249
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225.4272	0.518072	0.07988	0	0.597952	0.041102	0.004853	0	0.045955	0.007402	0.001141	0	0.008544	0	0	0	0.008544	0.528731	0.081523	0	0.610254	0	0	0	0.610254	1.698825	0.147077	0	1.845902	0	0	0	0	0.140081	26.05594
324.1821	0.000671	0	0.001013	0.001683	0.003068	0	0.000826	0.003894	0.002089	0	0.004155	0.006244	0.001295	0.000343	0.001259	0.009141	0.003049	0	0.004549	0.007598	0.001295	0.000343	0.001259	0.010495	0.118674	0	0.09543	0.214104	0.003196	0	8.89E-06	0.003205	0.011746	34.1846
325.9478	0.000859	0	0	0.000859	0.051353	0	0	0.051353	0.018484	0	0	0.018484	0	0	0	0.018484	0.021042	0	0	0.021042	0	0	0	0.021042	0.021372	0	0	0.021372	0.003089	0	0	0.003089	0.062456	29.11679
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1678.078	3.161074	0	0	3.161074	0.342087	0	0	0.342087	0.046081	0	0	0.046081	0	0	0	0.046081	3.227108	0	0	3.227108	0	0	0	3.227108	38.5561	0	0	38.5561	0	0	0	0	0.827456	193.9602
14.05367	0.000639	0	1.54E-07	0.000639	0.000928	0	5.6E-06	0.000933	0.00299	0	8.09E-07	0.002991	0.00024	5.62E-05	0.000501	0.003788	0.004363	0	8.86E-07	0.004364	0.00024	5.62E-05	0.000501	0.005161	0.200664	0	0.006067	0.20673	0.000138	0	6.59E-07	0.000139	0.000328	1.481942

77738.65	0.030163	0.111187	0	0.14135	11.46623	0.781527	0	12.24776	0.649401	2.393835	0	3.043236	0	0	0	3.043236	0.739294	2.725199	0	3.464493	0	0	0	3.464493	2.676951	35.22692	0	37.90387	0.689166	0.046973	0	0.736139	11.30701	6944.363
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963.043	1.781248	0.515006	0	2.296254	0.358059	0.042121	0	0.400179	0.038973	0.007874	0	0.046847	0	0	0	0.046847	1.833302	0.526188	0	2.35949	0	0	0	2.35949	11.95963	1.596842	0	13.55648	0	0	0	0	1.162757	226.8978
139524.4	0.846911	0	3.175259	4.02217	2.001719	0	1.81835	3.820069	2.897698	0	13.63781	16.53551	18.12334	4.544078	13.29895	52.50188	4.228314	0	14.93169	19.16	18.12334	4.544078	13.29895	55.12637	315.6178	0	145.6616	461.2793	1.340868	0	0.038473	1.379341	21.48686	14712.67
160.486	0.00055	0	0	0.00055	0.025285	0	0	0.025285	0.011852	0	0	0.011852	0	0	0	0.011852	0.013493	0	0	0.013493	0	0	0	0.013493	0.216619	0	0	0.216619	0.001521	0	0	0.001521	0.002243	14.33616
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3165.539	0.009965	0	0.093467	0.103431	0.012229	0	0.045561	0.05779	0.032105	0	0.387683	0.419788	0.308229	0.093919	0.119493	0.941428	0.046847	0	0.424464	0.471311	0.308229	0.093919	0.119493	0.992952	4.877471	0	2.976487	7.853958	0.029935	0	0.001359	0.031295	0.433571	333.8021
13408.88	0.185293	0	0.424913	0.610206	0.292214	0	0.184986	0.477199	0.788279	0	2.093748	2.882027	3.270846	0.79479	2.365724	9.313386	1.150254	0	2.292391	3.442645	3.270846	0.79479	2.365724	9.874005	45.59285	0	20.63569	66.22854	0.128437	0	0.004123	0.13256	1.67129	1413.95
0.146543	1.43E-06	0	0	1.43E-06	2.31E-05	0	0	2.31E-05	3.08E-05	0	0	3.08E-05	0	0	0	3.08E-05	3.51E-05	0	0	3.51E-05	0	0	0	3.51E-05	0.000235	0	0	0.000235	1.39E-06	0	0	1.39E-06	1.22E-06	0.013091
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52.9758	0.000167	0	0.00152	0.001688	0.000205	0	0.000744	0.000949	0.000538	0	0.006287	0.006825	0.002697	0.000887	0.00078	0.01119	0.000785	0	0.006884	0.007669	0.002697	0.000887	0.00078	0.012034	0.081615	0	0.048244	0.129859	0.0005	0	2.39E-05	0.000524	0.007372	5.586232
93567.11	0.623381	0	2.103888	2.727269	1.338039	0	1.144981	2.48302	2.236246	0	9.158614	11.39486	9.574746	2.314363	6.950442	30.23441	3.263125	0	10.02753	13.29065	9.574746	2.314363	6.950442	32.13021	203.5334	0	95.11128	298.6447	0.898708	0	0.026298	0.925006	11.99475	9866.535
314.9259	0.000787	0	0	0.000787	0.049617	0	0	0.049617	0.016944	0	0	0.016944	0	0	0	0.016944	0.01929	0	0	0.01929	0	0	0	0.01929	0.17593	0	0	0.17593	0.002984	0	0	0.002984	0.003474	28.13221
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
728.7355	0.002278	0	0.021489	0.023766	0.002785	0	0.010467	0.013252	0.007347	0	0.089236	0.096583	0.045375	0.014575	0.014735	0.171268	0.01072	0	0.097702	0.108423	0.045375	0.014575	0.014735	0.183108	1.115451	0	0.685004	1.800455	0.006839	0	0.000365	0.007204	0.101015	76.84425
14010.54	0.066424	0.054086	0.21145	0.331959	0.107076	0.001497	0.362567	0.47114	0.301266	0.191069	1.001632	1.493967	1.264153	0.291418	1.753222	4.80276	0.439607	0.278807	1.096661	1.815075	1.264153	0.291418	1.753222	5.123868	14.84834	2.01599	25.46072	42.32506	0.13592	0.000603	0.001985	0.138508	0.899973	1477.394
8061.303	0.078406	0.001996	0	0.080402	1.262267	0.007795	0	1.270062	1.688037	0.042966	0	1.731003	0	0	0	1.731003	1.921717	0.048914	0	1.970632	0	0	0	1.970632	4.652968	0.356126	0	5.009094	0.075916	0.000469	0	0.076385	2.722532	720.113
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2073.671	0.005324	0.007333	0.02839	0.041046	0.013893	0.000198	0.049156	0.063247	0.021833	0.025989	0.13337	0.181192	0.178607	0.038529	0.230171	0.628499	0.031859	0.037923	0.146024	0.215805	0.178607	0.038529	0.230171	0.663112	1.597912	0.278211	3.373347	5.24947	0.020138	9.66E-05	0.000266	0.0205	0.118113	218.666
4172.353	0.031981	0.000873	0	0.032854	0.651917	0.005439	0	0.657356	0.688538	0.018795	0	0.707333	0	0	0	0.707333	0.783854	0.021397	0	0.805251	0	0	0	0.805251	1.79911	0.155783	0	1.954893	0.039208	0.000327	0	0.039535	1.245461	372.7146
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
929.3217	0.716502	0	0.250593	0.967095	0.170308	0	0.010435	0.180743	4.533634	0	1.833117	6.366751	3.410713	5.619637	6.033798	21.4309	5.542757	0	1.993934	7.536691	3.410713	5.619637	6.033798	22.60084	52.86973	0	12.23665	65.10638	0.008505	0	0.000683	0.009187	0.040436	97.99581
67002	0.448408	0	1.503308	1.951716	0.91306	0	0.742818	1.655879	1.721153	0	6.998908	8.720061	7.669405	1.777846	5.578522	23.74583	2.511502	0	7.662923	10.17443	7.669405	1.777846	5.578522	25.2002	132.3843	0	63.28712	195.6714	0.642659	0	0.019724	0.662383	6.875873	7065.278
909.0293	0.001171	0	0	0.001171	0.143218	0	0	0.143218	0.025208	0	0	0.025208	0	0	0	0.025208	0.028697	0	0	0.028697	0	0	0	0.028697	0.55505	0	0	0.55505	0.008614	0	0	0.008614	0.007366	81.20322
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
451.1256	0.001385	0	0.013417	0.014803	0.001692	0	0.006519	0.008211	0.004482	0	0.055869	0.06035	0.031835	0.009946	0.010928	0.113059	0.00654	0	0.061169	0.067709	0.031835	0.009946	0.010928	0.120417	0.681823	0	0.428867	1.11069	0.00418	0	0.00028	0.00446	0.061846	47.57064
1214.62	0.003921	0	0.000239	0.00416	0.011006	0	0.000364	0.01137	0.013636	0	0.000913	0.014548	0.24125	0.054255	0.001336	0.31139	0.019898	0	0.000999	0.020897	0.24125	0.054255	0.001336	0.317738	0.25174	0	0.019343	0.271083	0.012006	0	2.05E-06	0.012008	0.029438	128.0801
364.026	0.00147	0	0	0.00147	0.057352	0	0	0.057352	0.031653	0	0	0.031653	0	0	0	0.031653	0.036035	0	0	0.036035	0.112092	0	0	0.036035	0.112092	0	0	0.112092	0.003449	0	0	0.003449	0.057893	32.5183
3834.234	0.012529	0.012099	0.036558	0.061186	0.027031	0.000312	0.026441	0.053784	0.055976	0.04566	0.18756	0.289196	0.10331	0.02182	0.186931	0.601257	0.08168	0.066627	0.205355	0.353661	0.10331	0.02182	0.186931	0.665723	1.168388	0.664309	3.826509	5.659206	0.037303	0.000228	0.000374	0.037905	0.106273	404.3152
14755.07	0.006692	0.002855	0	0.009547	2.216873	0.107794	0	2.324667	0.144076	0.061458	0	0.205535	0	0	0	0.205535	0.16402	0.069966	0	0.233986	0	0	0	0.233986	0.757343	2.410501	0	3.167844	0.133243	0.006479	0	0.139722	2.850408	1318.065
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195.2718	0.125783	0.074987	0	0.20077	0.034739	0.005068	0	0.039807	0.001797	0.001071	0	0.002869	0	0	0	0.002869	0.128371	0.07653	0	0.2049	0	0	0	0.2049	0.482342	0.183902	0	0.666244	0	0	0	0	0.203334	22.57045
715.0335	0.003669	0.002151	0.007588	0.013408	0.007246	5.13E-05	0.006331	0.013629	0.01752	0.008323	0.040694	0.066537	0.043907	0.008739	0.048314	0.167496	0.025565	0.012144	0.044555	0.082265	0.043907	0.008739	0.048314	0.183224	0.398283	0.064412	0.832238	1.294934	0.006961	4.06E-05	6.71E-05	0.007069	0.019469	75.39939
1086.815	0.002001	0.000531	0	0.002532	0.166255	0.004973	0	0.171228	0.043089	0.01143	0	0.05452	0	0	0	0.05452	0.049054	0.013013	0	0.062066	0	0	0	0.062066	0.148205	0.179362	0	0.327568	0.009993	0.000299	0	0.010291	0.175934	97.08477
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47.27993	0.034626	0.003997	0	0.038624	0.009399	0.000239	0	0.009638	0.000495	5.71E-05	0	0.000552	0	0	0	0.000552	0.035339	0.00408	0	0.039418	0	0	0	0.039418	0.142745	0.008046	0	0.150791	0	0	0	0	0.056645	5.464838
347.2565	0.003228	0.018483	0.002198	0.023909	0.009413	0.000579	0.002159	0.012151	0.015505	0.079077	0.012328	0.106911	0.024297	0.004693	0.015628	0.151529	0.022625	0.115389	0.013497	0.151512	0.024297	0.004693	0.015628	0.19613	0.360898	0.611133	0.265835	1.237867	0.003229	0.000188	1.63E-05	0.003433	0.017575	36.61777
510.8457	0.001093	0.000148	0	0.00124	0.073906	0.006578	0	0.080484	0.023522	0.003186	0	0.026708	0	0	0	0.026708	0.026778	0.003627	0	0.030405	0	0	0	0.030405	0.07226	0.098658	0	0.170918	0.004442	0.000395	0	0.004837	0.068693	45.63365
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225.6829	0.51548	0.080916	0	0.596396	0.041068	0.004939	0	0.046007	0.007365	0.001156	0	0.008521	0	0	0	0.008521	0.526085	0.082581	0	0.608666	0	0	0	0.608666	1.683463	0.151127	0	1.83459	0	0	0	0	0.140558	26.0855
304.7442	0.000622	0	0.000919	0.001541	0.002899	0	0.000763	0.003662	0.001929	0	0.003742	0.005672	0.001086	0.000294	0.001109	0.00816	0.002815	0	0.004097	0.006913	0.001086	0.000294	0.001109	0.009401	0.116372	0	0.088787	0.205159	0.003005	0	8.06E-06	0.003013	0.011336	32.1349
283.4087	0.000737	0	0	0.000737	0.044651	0	0	0.044651	0.015858	0	0	0.015858	0	0	0	0.015858	0.018053	0	0	0.018053	0	0	0	0.018053	0.018012	0	0	0.018012	0.002685	0	0	0.002685	0.05424	25.31679
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1343.022	2.913188	0	0	2.913188	0.273784	0	0	0.273784	0.042542	0	0	0.042542	0	0	0	0.042542	2.974125	0	0	2.974125	0	0	0	2.974125	34.12549	0	0	34.12549	0	0	0	0	0.694217	155.2329
13.3135	0.000603	0	1.4E-07	0.000604	0.000862	0	5.18E-06	0.000867	0.002802	0	7.38E-07	0.002803	0.000192	4.28E-05	0.000385	0.003422	0.004089	0	8.08E-07	0.00409	0.000192	4.28E-05	0.000385	0.004709	0.195854	0	0.005667	0.201521	0.000131	0	5.99E-07	0.000132	0.000316	1.403891
77861.13	0.030097	0.112792	0	0.142889	11.48501	0.782038	0	12.26705	0.647982	2.428387	0	3.076368	0	0	0	3.076368	0.737678	2.764533	0	3.502211	0	0	0	3.502211	2.640664	35.75689	0	38.39755	0.690295	0.047004	0	0.737298	11.50318	6955.304
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1956.324	1.690976	0.5085	0	2.199476	0.356492	0.042318	0	0.398809	0.036531	0.007737	0	0.044268	0	0	0	0.044268	1.739859	0.519499	0	2.259358	0	0	0	2.259358	11.61894	1.613173	0	13.23211	0	0	0	0	1.168822	226.1212
137396.5	0.804267	0	3.02694	3.831207	1.95844	0	1.787989	3.746429	2.711867	0	12.89275	15.60462	17.88441	4.339675	13.16154	50.99025	3.95715	0	14.11594	18.07309	17.88441	4.339675	13.16154	53.45872	307.2812	0	139.9081	447.1893	1.320518	0	0.037787	1.358304	21.68928	14488.29
141.3	0.000428	0	0	0.000428	0.022262	0	0	0.022262	0.009224	0	0	0.009224	0	0	0	0.009224	0.010501	0	0	0.010501	0	0	0	0.010501	0.182565	0	0	0.182565	0.001339	0	0	0.001339	0.002008	12.62228
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3186.556	0.010005	0	0.095736	0.105741	0.012249	0	0.046541	0.05879	0.032312	0	0.398197	0.430509	0.347521	0.098277	0.139896	1.016204	0.04715	0	0.435976	0.483126	0.347521	0.098277	0.139896	1.06882	4.908438	0	3.057315	7.965753	0.030118	0	0.001384	0.031502	0.437849	336.0183
13013.31	0.163517	0	0.390592	0.554109	0.265367	0	0.177495	0.442862	0.686058	0	1.897929	2.583987	3.05362	0.727792	2.188403	8.553801	1.001095	0	2.077993	3.079088	3.05362	0.727792	2.188403	9.048902	41.6176	0	18.79292	60.41052	0.124675	0	0.003975	0.12865	1.657437	1372.238
0.126739	4.77E-07	0	0	4.77E-07	2E-05	0	0	2E-05	1.03E-05	0	0	1.03E-05	0	0	0	1.03E-05	1.17E-05	0	0	1.17E-05	0	0	0	1.17E-05	9.07E-05	0	0	9.07E-05	1.2E-06	0	0	1.2E-06	1.08E-06	0.011322
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59.49267	0.000188	0	0.00173	0.001918	0.000229	0	0.000845	0.001074	0.000604	0	0.00717	0.007774	0.003165	0.001024	0.00093	0.012893	0.000881	0	0.00785	0.008732	0.003165	0.001024	0.00093	0.013851	0.091603	0	0.055018	0.146622	0.000561	0	2.72E-05	0.000588	0.008272	6.273428
93020.27	0.600973	0	2.044198	2.645171	1.308079	0	1.146057	2.454136	2.126799	0	8.826907	10.95371	9.578863	2.255867	6.978308	29.76674	3.10342	0	9.664352	12.76777	9.578863	2.255867	6.978308	31.58081	200.7664	0	93.18382	293.9502	0.89344	0	0.02616	0.9196	12.18299	9808.871
313.3615	0.000792	0	0	0.000792	0.04937	0	0	0.04937	0.017044	0	0	0.017044	0	0	0	0.017044	0.019403	0	0	0.019403	0	0	0	0.019403	0.177332	0	0	0.177332	0.002969	0	0	0.002969	0.003503	27.99246
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
774.6608	0.002415	0	0.023214	0.025628	0.002946	0	0.011279	0.014225	0.007807	0	0.096649	0.104456	0.050637	0.01589	0.016577	0.18756	0.011392	0	0.105818	0.11721	0.050637	0.01589	0.016577	0.200315	1.185096	0	0.741929	1.927025	0.007265	0	0.000393	0.007658	0.107282	81.68701
13513.25	0.052703	0.052214	0.200656	0.305573	0.093987	0.001453	0.350496	0.445936	0.225579	0.183723	0.940699	1.350001	1.212786	0.27425	1.678293	4.515331	0.329165	0.268088	1.029947	1.6272	1.212786	0.27425	1.678293	4.79253	13.25986	1.97956	24.92871	40.16812	0.131066	0.000588	0.001938	0.133592	0.87642	1424.955
7803.284	0.07265	0.001958	0	0.074608	1.221816	0.007595	0	1.229411	1.564103	0.042159	0	1.606262	0	0	0	1.606262	1.780628	0.047995	0	1.828622	0	0	0	1.828622	4.278938	0.349432	0	4.628369	0.073483	0.000457	0	0.07394	2.687941	697.0643
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1985.038	0.004423	0.006994	0.026738	0.038156	0.012321	0.00019	0.047008	0.059519	0.017377	0.024698	0.124789	0.166865	0.172554	0.03629	0.222291	0.598	0.025357	0.03604	0.136628	0.198025	0.172554	0.03629	0.222291	0.62916	1.492931	0.271055	3.298018	5.062004	0.019273	9.36E-05	0.000258	0.019624	0.114216	209.3198
4064.024	0.030446	0.000866	0	0.031312	0.634926	0.005363	0	0.640289	0.65549	0.01864	0	0.67413	0	0	0	0.67413	0.746232	0.02122	0	0.767452	0	0	0	0.767452	1.710854	0.154496	0	1.86535	0.038186	0.000323	0	0.038509	1.230767	363.0377
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927.1356	0.706003	0	0.24663	0.952633	0.168938	0	0.010128	0.179066	4.440535	0	1.797979	6.238514	3.376197	5.638634	6.05405	21.30739	5.442321	0	1.9559	7.398221	3.376197	5.638634	6.05405	22.4671	51.95583	0	12.2454	64.20123	0.008492	0	0.000674	0.009166	0.040536	97.76529
66133.88	0.424075	0	1.436912	1.860988	0.875412	0	0.734761	1.610173	1.605376	0	6.622664	8.228041	7.538448	1.713404	5.484317	22.96421	2.342561	0	7.250984	9.593545	7.538448	1.713404	5.484317	24.32971	128.7746	0	61.34029	190.1149	0.634341	0	0.01946	0.653801	6.954524	6973.735
874.3018	0.001086	0	0	0.001086	0.137747	0	0	0.137747	0.023378	0	0	0.023378	0	0	0	0.023378	0.026615	0	0	0.026615	0	0	0	0.026615	0.529358	0	0	0.529358	0.008284	0	0	0.008284	0.007188	78.10103
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478.4857	0.001466	0	0.014454	0.01592	0.001786	0	0.007005	0.008791	0.004753	0	0.060337	0.06509	0.036189	0.010878	0.012747	0.124903	0.006935	0	0.066062	0.072996	0.036189	0.010878	0.012747	0.13281	0.722708	0	0.463182	1.18589	0.00443	0	0.0003	0.00473	0.06552	50.45572
1181.591	0.003532	0	0.000229	0.003761	0.01023	0	0.000356	0.010586	0.012003	0	0.000865	0.012868	0.22161	0.048758	0.001218	0.284455	0.017515	0	0.000947	0.018462	0.22161	0.048758	0.001218	0.290049	0.216725	0	0.018294	0.235018	0.011679	0	1.97E-06	0.011681	0.028646	124.5973
361.0918	0.001421	0	0	0.001421	0.05689	0	0	0.05689	0.030596	0	0	0.030596	0	0	0	0.030596	0.034831	0	0	0.034831	0	0	0	0.034831	0.107584	0	0	0.107584	0.003422	0	0	0.003422	0.058689	32.25619
3639.275	0.011013	0.011699	0.035012	0.057724	0.024399	0.000297	0.025346	0.050041	0.048495	0.044151	0.1787	0.271346	0.099732	0.020354	0.179874	0.571306	0.070764	0.064424	0.195654	0.330843	0.099732	0.020354	0.179874	0.630802	0.99513	0.642232	3.604688	5.24205	0.035402	0.000219	0.000357	0.035978	0.101643	383.7569
14440.16	0.006067	0.002793	0	0.00886	2.169069	0.105985	0	2.275053	0.130617	0.06014	0	0.190757	0	0	0	0.190757	0.148698	0.068464	0	0.217162	0	0	0	0.217162	0.713824	2.391666	0	3.10549	0.13037	0.00637	0	0.13674	2.813391	1289.934
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195.0196	0.125985	0.07547	0	0.201454	0.034617	0.005139	0	0.039756	0.0018	0.001078	0	0.002878	0	0	0	0.002878	0.128576	0.077022	0	0.205599	0	0	0	0.205599	0.4805	0.18858	0	0.669081	0	0	0	0	0.203081	22.54129

664.851	0.00325	0.002059	0.007245	0.012554	0.006459	4.83E-05	0.005995	0.012502	0.015402	0.008	0.038946	0.062348	0.042632	0.00836	0.046876	0.160217	0.022475	0.011674	0.042641	0.076789	0.042632	0.00836	0.046876	0.174658	0.347252	0.06191	0.801109	1.210271	0.00647	3.89E-05	6.43E-05	0.006573	0.018235	70.10771
1084.037	0.001913	0.000532	0	0.002446	0.165844	0.004947	0	0.17079	0.041197	0.011458	0	0.052655	0	0	0	0.052655	0.0469	0.013044	0	0.059944	0	0	0	0.059944	0.143192	0.180146	0	0.323338	0.009968	0.000297	0	0.010265	0.176979	96.83659
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47.3348	0.035026	0.004024	0	0.039049	0.009408	0.000242	0	0.00965	0.0005	5.75E-05	0	0.000558	0	0	0	0.000558	0.035746	0.004106	0	0.039853	0	0	0	0.039853	0.143676	0.0083	0	0.151976	0	0	0	0	0.057087	5.471181
342.6807	0.002699	0.018365	0.002159	0.023223	0.008625	0.000571	0.002178	0.011375	0.012855	0.078467	0.012049	0.10337	0.025276	0.004761	0.016332	0.149738	0.018758	0.114498	0.013192	0.146448	0.025276	0.004761	0.016332	0.192816	0.295432	0.606415	0.256571	1.158418	0.003186	0.000186	1.6E-05	0.003388	0.017397	36.13525
492.8142	0.000973	0.000144	0	0.001118	0.071297	0.006346	0	0.077643	0.020951	0.003108	0	0.02406	0	0	0	0.02406	0.023851	0.003539	0	0.02739	0	0	0	0.02739	0.065831	0.099393	0	0.165224	0.004285	0.000381	0	0.004667	0.068848	44.0229
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225.1788	0.511113	0.081722	0	0.592835	0.040893	0.005011	0	0.045904	0.007303	0.001168	0	0.00847	0	0	0	0.00847	0.521628	0.083404	0	0.605032	0	0	0	0.605032	1.662306	0.154779	0	1.817085	0	0	0	0	0.140553	26.02723
299.9514	0.000606	0	0.000924	0.00153	0.002958	0	0.000756	0.003714	0.001883	0	0.003767	0.00565	0.001146	0.0003	0.001153	0.008249	0.002748	0	0.004124	0.006872	0.001146	0.0003	0.001153	0.009471	0.117692	0	0.086774	0.204466	0.002957	0	7.86E-06	0.002965	0.011252	31.6295
230.0842	0.000603	0	0	0.000603	0.03625	0	0	0.03625	0.012993	0	0	0.012993	0	0	0	0.012993	0.014791	0	0	0.014791	0	0	0	0.014791	0.014832	0	0	0.014832	0.00218	0	0	0.00218	0.044626	20.55333
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1294.677	2.876696	0	0	2.876696	0.263928	0	0	0.263928	0.042046	0	0	0.042046	0	0	0	0.042046	2.936909	0	0	2.936909	0	0	0	2.936909	33.47703	0	0	33.47703	0	0	0	0	0.668221	149.6449
12.67336	0.000579	0	1.27E-07	0.000579	0.000817	0	3.42E-06	0.00082	0.002677	0	6.67E-07	0.002677	0.000168	3.52E-05	0.000326	0.003207	0.003906	0	7.3E-07	0.003906	0.000168	3.52E-05	0.000326	0.004436	0.190197	0	0.005233	0.19543	0.000125	0	5.54E-07	0.000125	0.000305	1.33639
78141.19	0.030064	0.114447	0	0.144511	11.5274	0.783772	0	12.31118	0.647272	2.464002	0	3.111274	0	0	0	3.111274	0.73687	2.805079	0	3.541948	0	0	0	3.541948	2.602417	36.30154	0	38.90395	0.692843	0.047108	0	0.73995	11.70944	6980.322
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1941.972	1.603742	0.500805	0	2.104547	0.353518	0.042366	0	0.395884	0.034362	0.007593	0	0.041954	0	0	0	0.041954	1.649779	0.511606	0	2.161385	0	0	0	2.161385	11.2376	1.624409	0	12.86201	0	0	0	0	1.172214	224.4624
135604.5	0.768304	0	2.893424	3.661728	1.922613	0	1.761647	3.68426	2.554288	0	12.22453	14.77882	17.6484	4.144622	13.00479	49.57664	3.727211	0	13.38433	17.11154	17.6484	4.144622	13.00479	51.90935	300.3753	0	134.8427	435.218	1.303404	0	0.037185	1.340589	21.87049	14299.33
125.5601	0.000366	0	0	0.000366	0.019782	0	0	0.019782	0.007878	0	0	0.007878	0	0	0	0.007878	0.008968	0	0	0.008968	0	0	0	0.008968	0.159298	0	0	0.159298	0.00119	0	0	0.00119	0.001811	11.21623
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3202.446	0.010037	0	0.097713	0.10775	0.012256	0	0.047382	0.059639	0.032485	0	0.40747	0.439955	0.383322	0.101659	0.158281	1.083217	0.047402	0	0.446128	0.493531	0.383322	0.101659	0.158281	1.136792	4.932489	0	3.128607	8.061095	0.030254	0	0.001405	0.031659	0.441099	337.694
12666.91	0.145182	0	0.360525	0.505707	0.24303	0	0.170992	0.414022	0.60013	0	1.727409	2.327539	2.916282	0.67535	2.080819	7.99999	0.875708	0	1.891295	2.767004	2.916282	0.67535	2.080819	8.439455	38.28467	0	17.21307	55.49774	0.121382	0	0.003844	0.125225	1.646666	1335.71
0.130399	4.58E-07	0	0	4.58E-07	2.05E-05	0	0	2.05E-05	9.85E-06	0	0	9.85E-06	0	0	0	9.85E-06	1.12E-05	0	0	1.12E-05	0	0	0	1.12E-05	8.83E-05	0	0	8.83E-05	1.24E-06	0	0	1.24E-06	1.12E-06	0.011648
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65.65298	0.000207	0	0.001934	0.002141	0.000252	0	0.000943	0.001195	0.000667	0	0.008032	0.008699	0.003646	0.001161	0.001084	0.014589	0.000973	0	0.008794	0.009767	0.003646	0.001161	0.001084	0.015657	0.101036	0	0.061637	0.162673	0.000619	0	3.04E-05	0.000649	0.009119	6.923024
92503.21	0.580121	0	1.986192	2.566312	1.280235	0	1.147361	2.427596	2.024013	0	8.505296	10.52931	9.580373	2.194513	6.997974	29.30217	2.953435	0	9.312229	12.26566	9.580373	2.194513	6.997974	31.03852	198.2706	0	91.31136	289.582	0.88847	0	0.026019	0.914488	12.34603	9754.348
311.9333	0.000797	0	0	0.000797	0.049145	0	0	0.049145	0.017158	0	0	0.017158	0	0	0	0.017158	0.019533	0	0	0.019533	0	0	0	0.019533	0.178706	0	0	0.178706	0.002956	0	0	0.002956	0.00353	27.86488
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816.7316	0.00254	0	0.02484	0.02738	0.003091	0	0.01204	0.015132	0.00823	0	0.103673	0.111904	0.056922	0.017301	0.018983	0.20511	0.01201	0	0.113509	0.125519	0.056922	0.017301	0.018983	0.218725	1.24889	0	0.795876	2.044765	0.007654	0	0.00042	0.008074	0.112986	86.12333
12984.46	0.046309	0.050265	0.192141	0.288715	0.08516	0.001405	0.336881	0.423446	0.196368	0.17628	0.89764	1.270288	1.158113	0.256014	1.596275	4.28069	0.286539	0.257228	0.982803	1.52657	1.158113	0.256014	1.596275	4.536972	12.64633	1.937861	24.47619	39.06038	0.125903	0.000573	0.001889	0.128365	0.850192	1369.195
7524.311	0.06723	0.001916	0	0.069146	1.178079	0.00738	0	1.185458	1.447428	0.041244	0	1.488672	0	0	0	1.488672	1.6478	0.046954	0	1.694754	0	0	0	1.694754	3.926528	0.341852	0	4.268379	0.070853	0.000444	0	0.071297	2.640273	672.1438
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1894.755	0.003923	0.006661	0.025213	0.035797	0.011059	0.000182	0.044848	0.056089	0.015232	0.023446	0.117107	0.155784	0.164603	0.033983	0.212439	0.566809	0.022226	0.034212	0.128217	0.184655	0.164603	0.033983	0.212439	0.59568	1.433106	0.263631	3.224236	4.920973	0.018392	9.05E-05	0.00025	0.018732	0.110158	199.7995
3944.75	0.029009	0.000856	0	0.029865	0.61622	0.005277	0	0.621497	0.62454	0.018437	0	0.642977	0	0	0	0.642977	0.710997	0.020989	0	0.731987	0	0	0	0.731987	1.627853	0.152815	0	1.780668	0.037061	0.000317	0	0.037379	1.210116	352.3829
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
925.9596	0.697552	0	0.243754	0.941306	0.167842	0	0.009883	0.177725	4.364589	0	1.772623	6.137213	3.361588	5.665261	6.086047	21.25011	5.360901	0	1.928473	7.289374	3.361588	5.665261	6.086047	22.40227	51.19945	0	12.27656	63.47601	0.008487	0	0.000667	0.009154	0.040643	97.64128
65384.86	0.402988	0	1.377239	1.780226	0.843236	0	0.72859	1.571826	1.503896	0	6.284803	7.788699	7.414476	1.650802	5.391266	22.24524	2.194482	0	6.881068	9.075549	7.414476	1.650802	5.391266	23.53209	125.7135	0	59.58343	185.297	0.627171	0	0.019224	0.646396	7.025769	6894.752
842.5258	0.001009	0	0	0.001009	0.13274	0	0	0.13274	0.021728	0	0	0.021728	0	0	0	0.021728	0.024736	0	0	0.024736	0	0	0	0.024736	0.505411	0	0	0.505411	0.007983	0	0	0.007983	0.007022	75.2625
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
503.9625	0.001541	0	0.015442	0.016983	0.001873	0	0.007466	0.009339	0.005006	0	0.06462	0.069626	0.042528	0.012041	0.015669	0.139864	0.007305	0	0.070751	0.078055	0.042528	0.012041	0.015669	0.148293	0.760784	0	0.496071	1.256855	0.004662	0	0.00032	0.004982	0.068915	53.14222
1153.769	0.003202	0	0.00022	0.003422	0.009569	0	0.000348	0.009917	0.010617	0	0.000824	0.011441	0.206069	0.044165	0.001126	0.262801	0.015492	0	0.000902	0.016395	0.206069	0.044165	0.001126	0.267755	0.187047	0	0.017397	0.204443	0.011404	0	1.9E-06	0.011406	0.027981	121.6634
358.0364	0.00137	0	0	0.00137	0.056409	0	0	0.056409	0.029504	0	0	0.029504	0	0	0	0.029504	0.033588	0	0	0.033588	0	0	0	0.033588	0.102989	0	0	0.102989	0.003393	0	0	0.003393	0.059448	31.98325
3445.577	0.009716	0.011284	0.033444	0.054444	0.022089	0.000282	0.024261	0.046631	0.042138	0.042592	0.169798	0.254528	0.095251	0.018835	0.171449	0.540063	0.061488	0.06215	0.185908	0.309546	0.095251	0.018835	0.171449	0.595081	0.853485	0.619471	3.393422	4.866378	0.033513	0.000209	0.000341	0.034063	0.096952	363.3318
14096.37	0.005525	0.002728	0	0.008252	2.117152	0.103737	0	2.220889	0.118947	0.058722	0	0.177669	0	0	0	0.177669	0.135412	0.066851	0	0.202263	0	0	0	0.202263	0.673709	2.362279	0	3.035987	0.127249	0.006235	0	0.133484	2.769609	1259.223
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193.8568	0.125444	0.075587	0	0.20103	0.034335	0.005184	0	0.039519	0.001792	0.00108	0	0.002872	0	0	0	0.002872	0.128025	0.077142	0	0.205166	0	0	0	0.205166	0.475674	0.192261	0	0.667936	0	0	0	0	0.202075	22.40689
617.8003	0.002944	0.001969	0.006936	0.01185	0.005794	4.56E-05	0.005623	0.011463	0.01395	0.007685	0.037444	0.059079	0.041442	0.007994	0.045518	0.154034	0.020356	0.011214	0.040996	0.072566	0.041442	0.007994	0.045518	0.167521	0.315781	0.059468	0.769969	1.145217	0.006009	3.72E-05	6.16E-05	0.006108	0.01706	65.14627
1081.675	0.001822	0.000531	0	0.002353	0.165521	0.004897	0	0.170418	0.039222	0.01143	0	0.050652	0	0	0	0.050652	0.044652	0.013012	0	0.057664	0	0	0	0.057664	0.13776	0.180063	0	0.317823	0.009948	0.000294	0	0.010243	0.17797	96.62561
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47.58218	0.035546	0.004046	0	0.039593	0.009455	0.000245	0	0.0097	0.000508	5.78E-05	0	0.000566	0	0	0	0.000566	0.036278	0.00413	0	0.040407	0	0	0	0.040407	0.145124	0.008562	0	0.153687	0	0	0	0	0.05774	5.499774
336.3563	0.002072	0.018158	0.002088	0.022318	0.007678	0.000563	0.002189	0.01043	0.009699	0.077437	0.011575	0.098711	0.025184	0.004671	0.016305	0.144872	0.014152	0.112996	0.012673	0.139822	0.025184	0.004671	0.016305	0.185982	0.219799	0.598459	0.244781	1.063038	0.003127	0.000183	1.56E-05	0.003325	0.017137	35.46835
474.5751	0.000859	0.000141	0	0.001	0.06866	0.006109	0	0.07477	0.018499	0.003032	0	0.02153	0	0	0	0.02153	0.021059	0.003451	0	0.024511	0	0	0	0.024511	0.059646	0.09987	0	0.159516	0.004127	0.000367	0	0.004494	0.068731	42.39361
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
223.7233	0.504523	0.082223	0	0.586746	0.040542	0.005066	0	0.045607	0.007209	0.001175	0	0.008383	0	0	0	0.008383	0.514903	0.083914	0	0.598817	0	0	0	0.598817	1.633888	0.157898	0	1.791786	0	0	0	0	0.139949	25.859
276.0911	0.000549	0	0.000825	0.001374	0.002693	0	0.000695	0.003388	0.001698	0	0.003343	0.005041	0.001081	0.000283	0.001086	0.007491	0.002478	0	0.00366	0.006138	0.001081	0.000283	0.001086	0.008588	0.114955	0	0.07933	0.194285	0.002722	0	7.02E-06	0.002729	0.010719	29.11346
209.6533	0.000555	0	0	0.000555	0.033031	0	0	0.033031	0.01195	0	0	0.01195	0	0	0	0.01195	0.013604	0	0	0.013604	0	0	0	0.013604	0.01368	0	0	0.01368	0.001987	0	0	0.001987	0.041242	18.72824
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1238.915	2.755216	0	0	2.755216	0.252561	0	0	0.252561	0.040326	0	0	0.040326	0	0	0	0.040326	2.812948	0	0	2.812948	0	0	0	2.812948	32.07193	0	0	32.07193	0	0	0	0	0.639545	143.1996
12.07742	0.000551	0	1.14E-07	0.000551	0.000776	0	2.03E-06	0.000778	0.002528	0	5.95E-07	0.002529	0.000139	2.83E-05	0.000264	0.002959	0.003689	0	6.52E-07	0.00369	0.000139	2.83E-05	0.000264	0.00412	0.184201	0	0.005124	0.189324	0.000119	0	5.22E-07	0.000119	0.000294	1.273548
78593.85	0.030103	0.116209	0	0.146312	11.59535	0.787147	0	12.38249	0.648112	2.501944	0	3.150057	0	0	0	3.150057	0.737826	2.848273	0	3.5861	0	0	0	3.5861	2.580162	36.87894	0	39.4591	0.696926	0.047311	0	0.744237	11.92936	7020.758
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1927.348	1.52627	0.493663	0	2.019933	0.350584	0.042319	0	0.392903	0.032466	0.00746	0	0.039926	0	0	0	0.039926	1.569814	0.504283	0	2.074097	0	0	0	2.074097	10.89577	1.633147	0	12.52892	0	0	0	0	1.174212	222.7721
134061.4	0.735913	0	2.770928	3.506842	1.891643	0	1.738796	3.630439	2.411591	0	11.60571	14.0173	17.23573	3.942364	12.70956	47.90496	3.518987	0	12.70679	16.22578	17.23573	3.942364	12.70956	50.11343	294.2349	0	130.1943	424.4292	1.288678	0	0.036655	1.325334	22.03014	14136.61
112.0921	0.000312	0	0	0.000312	0.01766	0	0	0.01766	0.006707	0	0	0.006707	0	0	0	0.006707	0.007636	0	0	0.007636	0	0	0	0.007636	0.138679	0	0	0.138679	0.001062	0	0	0.001062	0.001643	10.01314
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3211.064	0.010039	0	0.099427	0.109466	0.012239	0	0.048103	0.060342	0.032551	0	0.4156	0.448151	0.412453	0.104071	0.172638	1.137313	0.047498	0	0.45503	0.502528	0.412453	0.104071	0.172638	1.19169	4.943548	0	3.191121	8.134669	0.030322	0	0.001422	0.031745	0.443474	338.6027
12342.47	0.127575	0	0.33172	0.459295	0.222961	0	0.165026	0.387988	0.517284	0	1.563324	2.080609	2.697468	0.613948	1.914237	7.306261	0.75482	0	1.711643	2.466463	2.697468	0.613948	1.914237	7.692116	35.05325	0	15.6707	50.72395	0.1183	0	0.003718	0.122018	1.6358	1301.498
0.133763	4.4E-07	0	0	4.4E-07	2.11E-05	0	0	2.11E-05	9.48E-06	0	0	9.48E-06	0	0	0	9.48E-06	1.08E-05	0	0	1.08E-05	0	0	0	1.08E-05	8.62E-05	0	0	8.62E-05	1.27E-06	0	0	1.27E-06	1.16E-06	0.011949
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71.39648	0.000224	0	0.002132	0.002356	0.000273	0	0.001037	0.00131	0.000724	0	0.008871	0.009595	0.004146	0.001298	0.001246	0.016285	0.001057	0	0.009713	0.010769	0.004146	0.001298	0.001246	0.017459	0.109779	0	0.068074	0.177854	0.000672	0	3.35E-05	0.000706	0.009912	7.52867
92012.85	0.561422	0	1.932587	2.494008	1.25566	0	1.149418	2.405078	1.931866	0	8.209001	10.14087	9.556844	2.136798	7.002991	28.8375	2.818974	0	8.987823	11.8068	9.556844	2.136798	7.002991	30.50343	196.0542	0	89.62814	285.6824	0.883755	0	0.025886	0.909641	12.48881	9702.64
310.433	0.0008	0	0	0.0008	0.048909	0	0	0.048909	0.01723	0	0	0.01723	0	0	0	0.01723	0.019616	0	0	0.019616	0	0	0	0.019616	0.179575	0	0	0.179575	0.002942	0	0	0.002942	0.003553	27.73085
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
854.6504	0.002651	0	0.026371	0.029022	0.003221	0	0.012754	0.015975	0.008605	0	0.110316	0.118921	0.064891	0.018881	0.022302	0.224995	0.012556	0	0.120782	0.133339	0.064891	0.018881	0.022302	0.239413	1.305883	0	0.846897	2.152779	0.008004	0	0.000445	0.008449	0.118179	90.12182
12449.11	0.040751	0.048252	0.184487	0.27349	0.075761	0.001355	0.324158	0.401274	0.171995	0.168735	0.860282	1.201012	1.09088	0.236139	1.496822	4.024854	0.250975	0.246217	0.941901	1.439093	1.09088	0.236139	1.496822	4.262935	11.94582	1.890769	23.98651	37.8231	0.12068	0.000556	0.001836	0.123072	0.821382	1312.743
7239.736	0.062568	0.001871	0	0.064439	1.13346	0.007163	0	1.140623	1.347046	0.040285	0	1.387331	0	0	0	1.387331	1.533522	0.045862	0	1.579384	0	0	0	1.579384	3.621595	0.333905	0	3.9555	0.068169	0.000431	0	0.0686	2.580635	646.7228
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1803.771	0.003487	0.006318	0.023714	0.03352	0.009884	0.000173	0.042615	0.052671	0.013409	0.022164	0.109644	0.145217	0.158415	0.031939	0.205014	0.540585	0.019566	0.032342	0.120046	0.171954	0.158415	0.031939	0.205014	0.567323	1.371018	0.255412	3.14027	4.7667	0.017504	8.72E-05	0.000241	0.017832	0.105794	190.2054

3818.526	0.027766	0.000845	0	0.02861	0.59643	0.00518	0	0.60161	0.597784	0.018182	0	0.615966	0	0	0	0.615966	0.680537	0.020699	0	0.701236	0	0	0	0.701236	1.555401	0.150702	0	1.706103	0.035871	0.000312	0	0.036182	1.18366	341.1074
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
924.7964	0.689405	0	0.24101	0.930415	0.166852	0	0.009646	0.176499	4.292009	0	1.748153	6.040162	3.351732	5.691576	6.118499	21.20197	5.282488	0	1.902006	7.184494	3.351732	5.691576	6.118499	22.3463	50.48805	0	12.30939	62.79745	0.008481	0	0.000661	0.009143	0.040746	97.51862
64718	0.383417	0	1.322931	1.706348	0.814871	0	0.724034	1.538905	1.408688	0	5.975463	7.384151	7.330328	1.595577	5.338113	21.64817	2.055554	0	6.54238	8.597934	7.330328	1.595577	5.338113	22.86195	122.8937	0	57.93489	180.8286	0.62079	0	0.019014	0.639803	7.088922	6824.433
813.3327	0.000932	0	0	0.000932	0.128141	0	0	0.128141	0.02006	0	0	0.02006	0	0	0	0.02006	0.022837	0	0	0.022837	0	0	0	0.022837	0.481111	0	0	0.481111	0.007707	0	0	0.007707	0.00687	72.65469
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526.8876	0.001607	0	0.016372	0.017979	0.00195	0	0.007898	0.009848	0.005229	0	0.068667	0.073896	0.045748	0.012764	0.016793	0.149201	0.00763	0	0.075182	0.082812	0.045748	0.012764	0.016793	0.158117	0.794697	0	0.527153	1.32185	0.004871	0	0.000338	0.005209	0.072002	55.55964
1128.886	0.002915	0	0.000212	0.003126	0.008986	0	0.00034	0.009326	0.009408	0	0.000786	0.010194	0.190768	0.039835	0.001038	0.241835	0.013728	0	0.000861	0.014589	0.190768	0.039835	0.001038	0.24623	0.163663	0	0.01658	0.180243	0.011158	0	1.84E-06	0.01116	0.027384	119.0396
355.1327	0.001321	0	0	0.001321	0.055951	0	0	0.055951	0.028445	0	0	0.028445	0	0	0	0.028445	0.032382	0	0	0.032382	0	0	0	0.032382	0.098478	0	0	0.098478	0.003365	0	0	0.003365	0.060162	31.72386
3254.244	0.008615	0.010853	0.031945	0.051413	0.020105	0.000267	0.023241	0.043613	0.036809	0.040987	0.161421	0.239217	0.090621	0.017455	0.163735	0.511028	0.053711	0.059808	0.176736	0.290255	0.090621	0.017455	0.163735	0.562066	0.735213	0.596057	3.189078	4.520348	0.031647	0.0002	0.000325	0.032172	0.092217	343.156
13729.47	0.005067	0.002658	0	0.007725	2.06194	0.101144	0	2.163083	0.109102	0.057222	0	0.166324	0	0	0	0.166324	0.124204	0.065143	0	0.189347	0	0	0	0.189347	0.63848	2.323688	0	2.962169	0.123931	0.006079	0	0.13001	2.719205	1226.448
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
191.7719	0.124416	0.075189	0	0.199604	0.033901	0.005193	0	0.039094	0.001778	0.001074	0	0.002852	0	0	0	0.002852	0.126975	0.076735	0	0.203711	0	0	0	0.203711	0.469594	0.19457	0	0.664164	0	0	0	0.199962	22.16591
574.0283	0.002674	0.001882	0.006655	0.011211	0.005174	4.3E-05	0.005254	0.010471	0.012665	0.007378	0.036119	0.056162	0.03953	0.007568	0.043536	0.146796	0.018481	0.010765	0.039546	0.068792	0.03953	0.007568	0.043536	0.159426	0.290188	0.057082	0.735093	1.082362	0.00558	3.56E-05	5.88E-05	0.005675	0.015951	60.53057
1079.537	0.001728	0.000529	0	0.002257	0.16524	0.004842	0	0.170082	0.037207	0.011395	0	0.048602	0	0	0	0.048602	0.042357	0.012973	0	0.05533	0	0	0	0.05533	0.132109	0.179875	0	0.311984	0.009932	0.000291	0	0.010223	0.178935	96.43463
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47.89156	0.036115	0.004067	0	0.040182	0.009515	0.000248	0	0.009763	0.000516	5.81E-05	0	0.000574	0	0	0	0.000574	0.036858	0.004151	0	0.041009	0	0	0	0.041009	0.146719	0.008836	0	0.155555	0	0	0	0	0.058446	5.535534
328.9627	0.001473	0.017886	0.002015	0.021374	0.00674	0.000553	0.002193	0.009486	0.006684	0.076139	0.011094	0.093917	0.024584	0.004518	0.015939	0.138959	0.009754	0.111102	0.012146	0.133002	0.024584	0.004518	0.015939	0.178043	0.1472	0.588424	0.232586	0.968211	0.003058	0.000179	1.52E-05	0.003252	0.016822	34.6887
456.0527	0.000751	0.000137	0	0.000889	0.065982	0.00587	0	0.071851	0.016175	0.002955	0	0.019131	0	0	0	0.019131	0.018414	0.003365	0	0.021779	0	0	0	0.021779	0.053683	0.10008	0	0.153763	0.003966	0.000353	0	0.004319	0.068339	40.73901
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
221.3768	0.495883	0.082431	0	0.578314	0.040026	0.005103	0	0.045129	0.007085	0.001178	0	0.008263	0	0	0	0.008263	0.506085	0.084127	0	0.590211	0	0	0	0.590211	1.598884	0.160484	0	1.759369	0	0	0	0	0.138773	25.58778
256.7955	0.000505	0	0.000755	0.00126	0.002499	0	0.000651	0.003149	0.001554	0	0.003042	0.004596	0.001133	0.000285	0.001117	0.007132	0.002268	0	0.003331	0.005599	0.001133	0.000285	0.001117	0.008134	0.113378	0	0.073791	0.187169	0.002532	0	6.39E-06	0.002539	0.010278	27.07877
204.608	0.000543	0	0	0.000543	0.032236	0	0	0.032236	0.0117	0	0	0.0117	0	0	0	0.0117	0.013319	0	0	0.013319	0	0	0	0.013319	0.013457	0	0	0.013457	0.001939	0	0	0.001939	0.040397	18.27755
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1234.158	2.745623	0	0	2.745623	0.251591	0	0	0.251591	0.040215	0	0	0.040215	0	0	0	0.040215	2.803186	0	0	2.803186	0	0	0	2.803186	31.96269	0	0	31.96269	0	0	0	0	0.634734	142.6498
11.48064	0.000527	0	9.75E-08	0.000527	0.000738	0	1.08E-07	0.000739	0.002409	0	5.11E-07	0.002409	0.000123	2.38E-05	0.00023	0.002786	0.003515	0	5.59E-07	0.003515	0.000123	2.38E-05	0.00023	0.003892	0.178872	0	0.004894	0.183766	0.000113	0	4.91E-07	0.000113	0.000282	1.21062
79239.81	0.030251	0.118095	0	0.148346	11.69195	0.792313	0	12.48426	0.651286	2.542561	0	3.193847	0	0	0	3.193847	0.74144	2.894512	0	3.635952	0	0	0	3.635952	2.568831	37.49269	0	40.06152	0.702733	0.047621	0	0.750354	12.16385	7078.461
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1909.297	1.456872	0.486444	0	1.943316	0.347065	0.042158	0	0.389223	0.030858	0.007334	0	0.038192	0	0	0	0.038192	1.498286	0.496889	0	1.995175	0	0	0	1.995175	10.56048	1.637912	0	12.19839	0	0	0	0	1.174183	220.6857
132772.1	0.707121	0	2.658593	3.365713	1.864943	0	1.719074	3.584017	2.283056	0	11.03132	13.31438	16.8711	3.748587	12.42799	46.36206	3.33143	0	12.07791	15.40934	16.8711	3.748587	12.42799	48.45702	288.9585	0	125.9137	414.8722	1.276393	0	0.036194	1.312588	22.16993	14000.66
100.7949	0.000265	0	0	0.000265	0.01588	0	0	0.01588	0.005699	0	0	0.005699	0	0	0	0.005699	0.006488	0	0	0.006488	0	0	0	0.006488	0.121021	0	0	0.121021	0.000955	0	0	0.000955	0.001502	9.003969
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3215.535	0.01003	0	0.100891	0.110921	0.012212	0	0.048707	0.060919	0.032576	0	0.422639	0.455215	0.427437	0.104492	0.179123	1.166266	0.047535	0	0.462736	0.510271	0.427437	0.104492	0.179123	1.221322	4.948483	0	3.245245	8.193728	0.030352	0	0.001436	0.031789	0.445076	339.0742
12061.4	0.113439	0	0.3073	0.420739	0.207784	0	0.160076	0.36786	0.451099	0	1.425672	1.876771	2.707871	0.584671	1.929341	7.098653	0.658242	0	1.560931	2.219173	2.707871	0.584671	1.929341	7.441056	32.47478	0	14.41769	46.89247	0.115629	0	0.00361	0.119239	1.627803	1271.86
0.13694	4.27E-07	0	0	4.27E-07	2.16E-05	0	0	2.16E-05	9.19E-06	0	0	9.19E-06	0	0	0	9.19E-06	1.05E-05	0	0	1.05E-05	0	0	0	1.05E-05	8.48E-05	0	0	8.48E-05	1.3E-06	0	0	1.3E-06	1.19E-06	0.012233
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76.75396	0.00024	0	0.002322	0.002562	0.000292	0	0.001127	0.001419	0.000778	0	0.009682	0.01046	0.004716	0.001444	0.001441	0.018062	0.001135	0	0.010601	0.011736	0.004716	0.001444	0.001441	0.019338	0.117915	0	0.074301	0.192216	0.000722	0	3.65E-05	0.000759	0.010651	8.093609
91563.93	0.54431	0	1.882437	2.426746	1.233117	0	1.151709	2.384826	1.847055	0	7.931407	9.778461	9.446734	2.065761	6.914665	28.20562	2.695218	0	8.683892	11.37911	9.446734	2.065761	6.914665	29.80627	194.0863	0	88.06168	282.148	0.879442	0	0.025761	0.905203	12.61075	9655.302
309.2409	0.000804	0	0	0.000804	0.048721	0	0	0.048721	0.017305	0	0	0.017305	0	0	0	0.017305	0.0197	0	0	0.0197	0	0	0	0.0197	0.180454	0	0	0.180454	0.00293	0	0	0.00293	0.003575	27.62437
888.7899	0.00275	0	0.027796	0.030545	0.003336	0	0.013414	0.01675	0.008941	0	0.116528	0.125469	0.071828	0.020249	0.025032	0.242579	0.013047	0	0.127584	0.140631	0.071828	0.020249	0.025032	0.25774	1.357064	0	0.894612	2.251675	0.008319	0	0.000468	0.008787	0.122846	93.72179
11901.73	0.034911	0.046263	0.176117	0.257291	0.067636	0.001304	0.310501	0.379442	0.145136	0.16135	0.818452	1.124938	1.04717	0.21943	1.42409	3.815629	0.211782	0.235441	0.896102	1.343326	1.04717	0.21943	1.42409	4.034016	11.24771	1.840402	23.39178	36.4799	0.115344	0.000538	0.001779	0.117661	0.790485	1255.023
6936.792	0.057824	0.00182	0	0.059644	1.085972	0.006923	0	1.092894	1.244916	0.039176	0	1.284092	0	0	0	1.284092	1.417254	0.0446	0	1.461854	0	0	0	1.461854	3.322544	0.324714	0	3.647258	0.065313	0.000416	0	0.06573	2.508936	619.6609
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1712.007	0.003036	0.005978	0.022234	0.031247	0.0088	0.000165	0.040374	0.049338	0.011469	0.020898	0.102286	0.134654	0.155523	0.030238	0.201163	0.521579	0.016736	0.030494	0.111991	0.159221	0.155523	0.030238	0.201163	0.546146	1.303911	0.24673	3.045995	4.596636	0.01661	8.38E-05	0.000231	0.016925	0.101233	180.529
3679.862	0.026464	0.000829	0	0.027293	0.574701	0.005063	0	0.579764	0.569747	0.017849	0	0.587595	0	0	0	0.587595	0.648619	0.02032	0	0.668938	0	0	0	0.668938	1.480919	0.14794	0	1.628859	0.034564	0.000305	0	0.034869	1.151471	328.7206
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
924.0747	0.682475	0	0.238757	0.921232	0.16604	0	0.009439	0.175479	4.229837	0	1.727815	5.957653	3.349082	5.720961	6.155176	21.18287	5.215367	0	1.880021	7.095388	3.349082	5.720961	6.155176	22.32061	49.88098	0	12.35397	62.23494	0.008479	0	0.000656	0.009135	0.040851	97.44252
64143.23	0.366913	0	1.275371	1.642284	0.791326	0	0.721032	1.512358	1.327769	0	5.70498	7.032749	7.242953	1.540258	5.265263	21.08122	1.937478	0	6.246235	8.183713	7.242953	1.540258	5.265263	22.23219	120.5999	0	56.49891	177.0988	0.61529	0	0.018831	0.634121	7.146327	6763.823
786.997	0.000861	0	0	0.000861	0.123992	0	0	0.123992	0.018536	0	0	0.018536	0	0	0	0.018536	0.021102	0	0	0.021102	0	0	0	0.021102	0.458635	0	0	0.458635	0.007457	0	0	0.007457	0.006733	70.30213
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
547.846	0.001666	0	0.017248	0.018914	0.002019	0	0.008303	0.010322	0.005433	0	0.072499	0.077931	0.048909	0.01345	0.017864	0.158155	0.007927	0	0.079377	0.087304	0.048909	0.01345	0.017864	0.167528	0.825606	0	0.556582	1.382189	0.005061	0	0.000355	0.005416	0.074817	57.76968
1107.34	0.002693	0	0.000204	0.002898	0.008524	0	0.000331	0.008855	0.008481	0	0.000755	0.009236	0.175998	0.035898	0.000953	0.222084	0.012376	0	0.000826	0.013202	0.175998	0.035898	0.000953	0.22605	0.145741	0	0.015904	0.161645	0.010945	0	1.78E-06	0.010947	0.026867	116.7676
352.3981	0.001274	0	0	0.001274	0.05552	0	0	0.05552	0.027424	0	0	0.027424	0	0	0	0.027424	0.031221	0	0	0.031221	0	0	0	0.031221	0.094114	0	0	0.094114	0.003339	0	0	0.003339	0.060861	31.47958
3064.063	0.007727	0.010407	0.030486	0.048621	0.018409	0.000252	0.022265	0.040926	0.032561	0.03934	0.153489	0.22539	0.088037	0.01633	0.159108	0.488866	0.047513	0.057405	0.168051	0.272969	0.088037	0.01633	0.159108	0.536445	0.638582	0.572063	2.992353	4.202998	0.029792	0.000191	0.000309	0.030291	0.087417	323.1017
13351.43	0.004662	0.002585	0	0.007246	2.005226	0.098298	0	2.103524	0.100364	0.05565	0	0.156014	0	0	0	0.156014	0.114257	0.063353	0	0.17761	0	0	0	0.17761	0.606	2.278276	0	2.884276	0.120522	0.005908	0	0.12643	2.664726	1192.678
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
189.3276	0.123103	0.074527	0	0.19763	0.033416	0.00518	0	0.038596	0.001759	0.001065	0	0.002824	0	0	0	0.002824	0.125636	0.07606	0	0.201696	0	0	0	0.201696	0.462853	0.195907	0	0.65876	0	0	0	0.197512	21.88338
532.9175	0.002449	0.001799	0.006361	0.010609	0.004674	4.06E-05	0.004953	0.009667	0.011609	0.007085	0.034623	0.053317	0.038242	0.007205	0.041985	0.140749	0.01694	0.010338	0.037908	0.065186	0.038242	0.007205	0.041985	0.152618	0.269057	0.054812	0.704416	1.028284	0.005178	3.4E-05	5.63E-05	0.005268	0.014895	56.19549
1077.59	0.001638	0.000527	0	0.002165	0.164996	0.004778	0	0.169775	0.035261	0.011345	0	0.046606	0	0	0	0.046606	0.040142	0.012915	0	0.053057	0	0	0	0.053057	0.126639	0.179418	0	0.306057	0.009917	0.000287	0	0.010204	0.179884	96.26065
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.2057	0.036677	0.004086	0	0.040763	0.009577	0.00025	0	0.009827	0.000524	5.84E-05	0	0.000582	0	0	0	0.000582	0.037432	0.00417	0	0.041602	0	0	0	0.041602	0.148267	0.009112	0	0.157379	0	0	0	0	0.059141	5.571844
321.2948	0.001063	0.017584	0.001936	0.020583	0.005962	0.000543	0.002175	0.008679	0.004636	0.074761	0.010598	0.089995	0.025865	0.004588	0.016881	0.137329	0.006765	0.109091	0.011604	0.12746	0.025865	0.004588	0.016881	0.174794	0.096956	0.577775	0.22258	0.897312	0.002986	0.000176	1.47E-05	0.003176	0.016487	33.88014
437.4899	0.000653	0.000134	0	0.000787	0.063295	0.005631	0	0.068927	0.014062	0.00288	0	0.016942	0	0	0	0.016942	0.016008	0.003279	0	0.019287	0	0	0	0.019287	0.048139	0.100034	0	0.148173	0.003804	0.000338	0	0.004143	0.067672	39.0808
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
218.175	0.485279	0.082326	0	0.567605	0.039355	0.005122	0	0.044476	0.006934	0.001176	0	0.00811	0	0	0	0.00811	0.495263	0.08402	0	0.579282	0	0	0	0.579282	1.557594	0.162564	0	1.720159	0	0	0	0	0.137048	25.21771
222.7468	0.000419	0	0.00063	0.001049	0.002019	0	0.000587	0.002606	0.001276	0	0.002511	0.003787	0.001025	0.00026	0.001023	0.006095	0.001862	0	0.00275	0.004611	0.001025	0.00026	0.001023	0.006919	0.107594	0	0.067183	0.174777	0.002197	0	5.5E-06	0.002202	0.009571	23.48837
151.4071	0.000401	0	0	0.000401	0.023854	0	0	0.023854	0.008628	0	0	0.008628	0	0	0	0.008628	0.009822	0	0	0.009822	0	0	0	0.009822	0.009914	0	0	0.009914	0.001435	0	0	0.001435	0.030574	13.52514
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
997.1126	2.214136	0	0	2.214136	0.203268	0	0	0.203268	0.03262	0	0	0.03262	0	0	0	0.03262	2.260763	0	0	2.260763	0	0	0	2.260763	25.72629	0	0	25.72629	0	0	0	0	0.517529	115.251
10.91186	0.000507	0	9.29E-08	0.000507	0.000697	0	2.29E-08	0.000697	0.002316	0	4.87E-07	0.002316	0.000114	2.07E-05	0.00021	0.002662	0.003379	0	5.33E-07	0.00338	0.000114	2.07E-05	0.00021	0.003725	0.173406	0	0.004571	0.177977	0.000107	0	4.63E-07	0.000108	0.000271	1.150642
79842.21	0.030402	0.120086	0	0.150488	11.78015	0.799018	0	12.57917	0.65454	2.585426	0	3.239966	0	0	0	3.239966	0.745143	2.943311	0	3.688454	0	0	0	3.688454	2.565102	38.13654	0	40.70164	0.708034	0.048024	0	0.756058	12.38207	7132.273
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1886.849	1.391858	0.478394	0	1.870253	0.342757	0.041889	0	0.384647	0.029466	0.007201	0	0.036667	0	0	0	0.036667	1.431407	0.488653	0	1.92006	0	0	0	1.92006	10.22652	1.638594	0	11.86511	0	0	0	0	1.169704	218.091
131727.8	0.68202	0	2.55631	3.238329	1.842131	0	1.702283	3.544414	2.169131	0	10.50083	12.66996	16.52398	3.552744	12.16607	44.91275	3.165191	0	11.49709	14.66228	16.52398	3.552744	12.16607	46.90507	284.6414	0	121.9927	406.6342	1.266463	0	0.0358	1.302263	22.29187	13890.53
91.45913	0.000224	0	0	0.000224	0.014409	0	0	0.014409	0.004819	0	0	0.004819	0	0	0	0.004819	0.005486	0	0	0.005486	0	0	0	0.005486	0.106171	0	0	0.106171	0.000867	0	0	0.000867	0.001387	8.170008
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3218.819	0.010028	0	0.102137	0.112165	0.012187	0	0.049211	0.061398	0.032617	0	0.428719	0.461336	0.443043	0.1047	0.185864	1.194943	0.047595	0	0.469393	0.516988	0.443043	0.1047	0.185864	1.250596	4.953564	0	3.292007	8.245572	0.030374	0	0.001448	0.031821	0.446074	339.4204
11806.79	0.100597	0	0.284541	0.385138	0.194025	0	0.155462	0.349487	0.390783	0	1.297245	1.688028	2.657519	0.545901	1.894611	6.78606	0.57023	0	1.42032	1.99055	2.657519	0.545901	1.894611	7.088582	30.13529	0	13.24371	43.379	0.113213	0	0.00351	0.116722	1.620202	1245.011
0.136735	2.95E-07	0	0	2.95E-07	2.15E-05	0	0	2.15E-05	6.34E-06	0	0	6.34E-06	0	0	0	6.34E-06	7.22E-06	0	0	7.22E-06	0	0	0	7.22E-06	6.52E-05	0	0	6.52E-05	1.3E-06	0	0	1.3E-06	1.2E-06	0.012215
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81.77947	0.000256	0	0.002504	0.00276	0.00031	0	0.001213	0.001523	0.000829	0	0.010464	0.011293	0.005354	0.001599	0.001673	0.019919	0.00121	0	0.011457	0.012666	0.005354	0.001599	0.001673	0.021293	0.125575	0	0.080302	0.205877	0.000769	0	3.94E-05	0.000808	0.011336	8.623543
91172.48	0.529605	0	1.837086	2.366691	1.213248	0	1.154225	2.367473	1.773441	0	7.681104	9.454545	9.440355	2.005536	6.911665	27.8121	2.587801	0	8.409842	10.99764	9.440355	2.005536	6.911665	29.3552	192.5635	0	86.69741	279.261	0.875683	0	0.02565	0.901333	12.71388	9614.024
308.3958	0.00081	0	0	0.00081	0.048588	0	0	0.048588	0.01743	0	0	0.01743	0	0	0	0.01743	0.019843	0	0	0.019843	0	0	0	0.019843	0.181892	0	0	0.181892	0.002922	0	0	0.002922	0.003597	27.54887
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920.0225	0.002842	0	0.029117	0.031959	0.00344	0	0.014024	0.017464	0.009256	0	0.122322	0.131577	0.080713	0.021797	0.028804	0.262891	0.013506	0	0.133927	0.147433	0.080713	0.021797	0.028804	0.278746	1.404313	0	0.93911	2.343423	0.008606	0	0.00049	0.009095	0.127034	97.01523
11396.59	0.030235	0.044426	0.168271	0.242932	0.059711	0.001257	0.29852	0.359487	0.123462	0.154611	0.779111	1.057184	1.036256	0.207908	1.399226	3.700574	0.180156	0.225608	0.853028	1.258792	1.036256	0.207908	1.399226	3.902182	10.58028	1.792731	22.69431	35.06732	0.110422	0.000522	0.001723	0.112667	0.761763	1201.756
6650.604	0.05353	0.001769	0	0.0553	1.041115	0.00669	0	1.047805	1.15248	0.038088	0	1.190567	0	0	0	1.190567	1.312021	0.04336	0	1.355382	0	0	0	1.355382	3.052515	0.315691	0	3.368206	0.062615	0.000402	0	0.063018	2.438715	594.0958
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1625.763	0.002664	0.005651	0.020839	0.029154	0.007826	0.000156	0.038228	0.04621	0.00989	0.019688	0.095377	0.124955	0.151765	0.028457	0.196504	0.501681	0.014432	0.028729	0.104426	0.147586	0.151765	0.028457	0.196504	0.524313	1.240365	0.23819	2.94968	4.428235	0.015769	8.05E-05	0.000222	0.016072	0.096938	171.4347
3546.937	0.025216	0.000813	0	0.026029	0.553874	0.004947	0	0.558821	0.542885	0.017514	0	0.560399	0	0	0	0.560399	0.618039	0.019938	0	0.637977	0	0	0	0.637977	1.411217	0.145162	0	1.556379	0.033311	0.000298	0	0.033609	1.119715	316.8465
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923.5952	0.676515	0	0.236673	0.913188	0.165319	0	0.009246	0.174564	4.175577	0	1.708999	5.884576	3.348223	5.750261	6.191293	21.17435	5.157106	0	1.859686	7.016792	3.348223	5.750261	6.191293	22.30657	49.34926	0	12.40039	61.74965	0.008479	0	0.000652	0.009131	0.040947	97.39196
63661.92	0.353597	0	1.23461	1.588207	0.772181	0	0.719416	1.491597	1.261902	0	5.474594	6.736496	7.196869	1.489603	5.226099	20.64907	1.841365	0	5.993991	7.835356	7.196869	1.489603	5.226099	21.74793	118.8628	0	55.30515	174.168	0.610685	0	0.018678	0.629363	7.198586	6713.07
763.2733	0.000801	0	0	0.000801	0.120254	0	0	0.120254	0.017239	0	0	0.017239	0	0	0	0.017239	0.019625	0	0	0.019625	0	0	0	0.019625	0.439334	0	0	0.439334	0.007232	0	0	0.007232	0.006611	68.1829
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
567.1803	0.001722	0	0.018068	0.01979	0.002082	0	0.00868	0.010762	0.005624	0	0.076102	0.081727	0.055862	0.014501	0.021028	0.173117	0.008207	0	0.083322	0.091529	0.055862	0.014501	0.021028	0.18292	0.854367	0	0.58426	1.438627	0.005235	0	0.000372	0.005607	0.077364	59.80846
1088.844	0.002525	0	0.000198	0.002723	0.00816	0	0.000322	0.008482	0.007785	0	0.000728	0.008513	0.166944	0.032864	0.000901	0.209222	0.01136	0	0.000797	0.012157	0.166944	0.032864	0.000901	0.212866	0.132224	0	0.015348	0.147572	0.010763	0	1.73E-06	0.010764	0.026427	114.8173
349.5745	0.001229	0	0	0.001229	0.055076	0	0	0.055076	0.026468	0	0	0.026468	0	0	0	0.026468	0.030132	0	0	0.030132	0	0	0	0.030132	0.090002	0	0	0.090002	0.003312	0	0	0.003312	0.061498	31.22735
2888.401	0.006973	0.009984	0.029086	0.046043	0.016824	0.000238	0.021518	0.03858	0.029013	0.037771	0.145951	0.212735	0.086275	0.015345	0.156398	0.470754	0.042336	0.055115	0.159798	0.257249	0.086275	0.015345	0.156398	0.515268	0.562152	0.549229	2.814557	3.925939	0.02808	0.000182	0.000293	0.028555	0.082955	304.5783
12998.18	0.004347	0.002516	0	0.006863	1.952462	0.095406	0	2.047868	0.093586	0.054166	0	0.147752	0	0	0	0.147752	0.10654	0.061664	0	0.168204	0	0	0	0.168204	0.579065	2.230634	0	2.809699	0.117351	0.005734	0	0.123085	2.614099	1161.122
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186.7139	0.121743	0.073557	0	0.1953	0.032916	0.005147	0	0.038063	0.001739	0.001051	0	0.00279	0	0	0	0.00279	0.124248	0.07507	0	0.199318	0	0	0	0.199318	0.455839	0.196574	0	0.652413	0	0	0	0	0.194943	21.58128
496.3397	0.002272	0.001722	0.006078	0.010072	0.004298	3.84E-05	0.004723	0.009059	0.010777	0.006808	0.033179	0.050764	0.037084	0.006834	0.04054	0.135222	0.015726	0.009934	0.036327	0.061987	0.037084	0.006834	0.04054	0.146445	0.247934	0.052661	0.672764	0.973358	0.00482	3.26E-05	5.39E-05	0.004907	0.013951	52.3384
1076.108	0.001559	0.000525	0	0.002084	0.164828	0.004713	0	0.169541	0.033561	0.011296	0	0.044857	0	0	0	0.044857	0.038207	0.01286	0	0.051067	0	0	0	0.051067	0.121712	0.178921	0	0.300633	0.009907	0.000283	0	0.01019	0.18084	96.12833
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.52166	0.037214	0.004096	0	0.041309	0.009639	0.000253	0	0.009891	0.000532	5.85E-05	0	0.00059	0	0	0	0.00059	0.037979	0.00418	0	0.042159	0	0	0	0.042159	0.149718	0.009363	0	0.15908	0	0	0	0	0.059804	5.608363
312.1158	0.000862	0.017183	0.001875	0.019919	0.005539	0.000527	0.002144	0.008209	0.003646	0.073013	0.010234	0.086894	0.027732	0.004676	0.018291	0.137593	0.005321	0.106541	0.011205	0.123067	0.027732	0.004676	0.018291	0.173766	0.074039	0.56427	0.21471	0.853018	0.0029	0.000171	1.43E-05	0.003086	0.01608	32.91222
419.665	0.000566	0.00013	0	0.000696	0.060716	0.005402	0	0.066118	0.012179	0.002807	0	0.014986	0	0	0	0.014986	0.013865	0.003195	0	0.01706	0	0	0	0.01706	0.043103	0.099848	0	0.14295	0.003649	0.000325	0	0.003974	0.066869	37.48851
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214.4303	0.473393	0.081928	0	0.55532	0.038587	0.005126	0	0.043713	0.006764	0.001171	0	0.007934	0	0	0	0.007934	0.483132	0.083613	0	0.566745	0	0	0	0.566745	1.511982	0.164309	0	1.676291	0	0	0	0	0.135	24.78487
217.7074	0.000411	0	0.00061	0.00102	0.001987	0	0.000583	0.002571	0.001246	0	0.002431	0.003677	0.001022	0.00026	0.001022	0.005982	0.001819	0	0.002662	0.00448	0.001022	0.00026	0.001022	0.006785	0.109263	0	0.066579	0.175843	0.002147	0	5.29E-06	0.002152	0.009569	22.95698
139.7061	0.000374	0	0	0.000374	0.022011	0	0	0.022011	0.008051	0	0	0.008051	0	0	0	0.008051	0.009166	0	0	0.009166	0	0	0	0.009166	0.009363	0	0	0.009363	0.001324	0	0	0.001324	0.027797	12.47989
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909.6907	2.022877	0	0	2.022877	0.185446	0	0	0.185446	0.029914	0	0	0.029914	0	0	0	0.029914	2.065599	0	0	2.065599	0	0	0	2.065599	23.51751	0	0	23.51751	0	0	0	0	0.47123	105.1464
10.38624	0.000487	0	1.23E-07	0.000487	0.000658	0	0	0.000658	0.002224	0	6.51E-07	0.002224	0.00011	1.87E-05	0.000202	0.002554	0.003245	0	7.13E-07	0.003246	0.00011	1.87E-05	0.000202	0.003576	0.167445	0	0.004415	0.17186	0.000102	0	4.4E-07	0.000103	0.00026	1.095216
80669.05	0.030674	0.122275	0	0.152949	11.90155	0.807888	0	12.70944	0.660395	2.632547	0	3.292942	0	0	0	3.292942	0.75181	2.996954	0	3.748764	0	0	0	3.748764	2.567754	38.84147	0	41.40922	0.71533	0.048557	0	0.763888	12.61773	7206.134
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1864.051	1.33193	0.47109	0	1.80302	0.338382	0.041616	0	0.379999	0.028134	0.007078	0	0.035212	0	0	0	0.035212	1.369704	0.481178	0	1.850882	0	0	0	1.850882	9.906659	1.639316	0	11.54598	0	0	0	0	1.164555	215.4558
130889.5	0.660972	0	2.468585	3.129556	1.823806	0	1.688998	3.512804	2.073695	0	10.04593	12.11962	16.25963	3.385724	11.9693	43.73428	3.025931	0	10.99903	14.02496	16.25963	3.385724	11.9693	45.63961	281.0627	0	118.7341	399.7968	1.25849	0	0.035486	1.293976	22.40025	13802.13
84.01289	0.000191	0	0	0.000191	0.013236	0	0	0.013236	0.004118	0	0	0.004118	0	0	0	0.004118	0.004688	0	0	0.004688	0	0	0	0.004688	0.094037	0	0	0.094037	0.000796	0	0	0.000796	0.001295	7.504838
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3218.159	0.010008	0	0.103197	0.113205	0.012151	0	0.049634	0.061784	0.032595	0	0.433956	0.466551	0.484855	0.107354	0.20586	1.264619	0.047562	0	0.475127	0.522689	0.484855	0.107354	0.20586	1.320757	4.95106	0	3.332293	8.283353	0.030358	0	0.001457	0.031815	0.446605	339.3509
11585.37	0.090064	0	0.265152	0.355217	0.182659	0	0.151478	0.334137	0.341542	0	1.188768	1.53031	2.488828	0.499897	1.762486	6.281522	0.498378	0	1.301551	1.799929	2.488828	0.499897	1.762486	6.551141	28.21937	0	12.28239	40.50176	0.11111	0	0.003423	0.114533	1.614395	1221.663
0.139696	2.99E-07	0	0	2.99E-07	2.2E-05	0	0	2.2E-05	6.43E-06	0	0	6.43E-06	0	0	0	6.43E-06	7.32E-06	0	0	7.32E-06	0	0	0	7.32E-06	6.64E-05	0	0	6.64E-05	1.32E-06	0	0	1.32E-06	1.23E-06	0.012479
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86.38416	0.000269	0	0.002678	0.002948	0.000326	0	0.001295	0.001621	0.000875	0	0.011214	0.012089	0.006105	0.001762	0.001953	0.02191	0.001277	0	0.012278	0.013555	0.006105	0.001762	0.001953	0.023375	0.132534	0	0.086062	0.218596	0.000812	0	4.22E-05	0.000854	0.011968	9.109101
90818.27	0.517035	0	1.797155	2.314189	1.196341	0	1.157094	2.353435	1.710718	0	7.461098	9.171816	9.627039	1.968721	7.065984	27.83356	2.496276	0	8.168963	10.66524	9.627039	1.968721	7.065984	29.32698	191.2661	0	85.55766	276.8238	0.872274	0	0.025557	0.897831	12.80133	9576.673
307.9813	0.000814	0	0	0.000814	0.048523	0	0	0.048523	0.017519	0	0	0.017519	0	0	0	0.017519	0.019944	0	0	0.019944	0	0	0	0.019944	0.182976	0	0	0.182976	0.002918	0	0	0.002918	0.00362	27.51185
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947.2476	0.002919	0	0.03033	0.033249	0.00353	0	0.01458	0.01811	0.009522	0	0.127661	0.137183	0.088887	0.023128	0.031922	0.281119	0.013895	0	0.139772	0.153667	0.088887	0.023128	0.031922	0.297603	1.444927	0	0.980125	2.425052	0.008855	0	0.000509	0.009365	0.130739	99.88608
10946.08	0.026288	0.042725	0.161262	0.230275	0.053053	0.001212	0.287611	0.341875	0.105145	0.148414	0.744277	0.997837	1.041176	0.198928	1.396611	3.634551	0.153428	0.216566	0.81489	1.184883	1.041176	0.198928	1.396611	3.821598	10.00912	1.747723	22.05454	33.81139	0.106037	0.000506	0.00167	0.108213	0.735666	1154.251
6382.79	0.049423	0.001717	0	0.05114	0.999158	0.006453	0	1.005611	1.064048	0.036966	0	1.101014	0	0	0	1.101014	1.211348	0.042083	0	1.253431	0	0	0	1.253431	2.795975	0.306394	0	3.102368	0.060092	0.000388	0	0.06048	2.372052	570.1721
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1549.705	0.002381	0.00535	0.019592	0.027323	0.007041	0.000149	0.036243	0.043433	0.008714	0.018575	0.08923	0.116519	0.149984	0.027011	0.194539	0.488052	0.012715	0.027105	0.097695	0.137515	0.149984	0.027011	0.194539	0.509049	1.189966	0.230279	2.86389	4.284134	0.015029	7.75E-05	0.000214	0.01532	0.093095	163.4144
3420.784	0.023968	0.000797	0	0.024764	0.534121	0.004824	0	0.538946	0.516013	0.017151	0	0.533164	0	0	0	0.533164	0.587446	0.019526	0	0.606972	0	0	0	0.606972	1.341737	0.142159	0	1.483896	0.032124	0.00029	0	0.032414	1.089369	305.5773
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923.2887	0.671113	0	0.235038	0.906151	0.164711	0	0.009079	0.17379	4.126723	0	1.693915	5.820638	3.348949	5.782925	6.229913	21.18243	5.104439	0	1.843399	6.947839	3.348949	5.782925	6.229913	22.30963	48.87451	0	12.45774	61.33226	0.008479	0	0.000649	0.009128	0.04104	97.35964
63241.3	0.340914	0	1.197553	1.538468	0.755186	0	0.718648	1.473834	1.198395	0	5.26268	6.461075	7.213213	1.44429	5.23641	20.35499	1.748695	0	5.761973	7.510668	7.213213	1.44429	5.23641	21.40458	117.2099	0	54.16375	171.3737	0.606661	0	0.018544	0.625205	7.245009	6668.716
742.5803	0.000741	0	0	0.000741	0.116994	0	0	0.116994	0.015961	0	0	0.015961	0	0	0	0.015961	0.018171	0	0	0.018171	0	0	0	0.018171	0.420577	0	0	0.420577	0.007036	0	0	0.007036	0.006504	66.3344
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584.5775	0.001771	0	0.01884	0.020611	0.002138	0	0.009034	0.011172	0.005792	0	0.079513	0.085305	0.063218	0.015547	0.024255	0.188324	0.008452	0	0.087056	0.095508	0.063218	0.015547	0.024255	0.198528	0.879868	0	0.610457	1.490325	0.005392	0	0.000387	0.005779	0.079687	61.64297
1073.119	0.002381	0	0.000193	0.002574	0.007844	0	0.000313	0.008157	0.007188	0	0.000705	0.007893	0.1627	0.030522	0.000876	0.201992	0.010489	0	0.000772	0.011261	0.1627	0.030522	0.000876	0.205359	0.120719	0	0.014844	0.135563	0.010607	0	1.69E-06	0.010609	0.026049	113.159
346.608	0.001184	0	0	0.001184	0.054608	0	0	0.054608	0.025499	0	0	0.025499	0	0	0	0.025499	0.029028	0	0	0.029028	0	0	0	0.029028	0.08586	0	0	0.08586	0.003284	0	0	0.003284	0.062058	30.96236
2727.885	0.006296	0.009576	0.027792	0.043663	0.0155	0.000224	0.020552	0.036277	0.025842	0.036252	0.138993	0.201087	0.085224	0.014461	0.154973	0.455746	0.037709	0.052899	0.15218	0.242788	0.085224	0.014461	0.154973	0.497446	0.495869	0.52714	2.645459	3.668469	0.026516	0.000173	0.000279	0.026968	0.078841	287.652
12684.85	0.004083	0.002452	0	0.006535	1.905894	0.09261	0	1.998504	0.087912	0.052781	0	0.140693	0	0	0	0.140693	0.100081	0.060087	0	0.160168	0	0	0	0.160168	0.555726	2.184059	0	2.739785	0.114552	0.005566	0	0.120118	2.5694	1133.133
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184.2683	0.120504	0.072464	0	0.192968	0.032459	0.005105	0	0.037564	0.001722	0.001035	0	0.002757	0	0	0	0.002757	0.122983	0.073955	0	0.196938	0	0	0	0.196938	0.449494	0.19683	0	0.646325	0	0	0	0	0.192583	21.29861
464.6943	0.002131	0.001654	0.005873	0.009657	0.003998	3.64E-05	0.004539	0.008573	0.010121	0.006572	0.032162	0.048855	0.036339	0.006568	0.039671	0.131433	0.014769	0.00959	0.035213	0.059572	0.036339	0.006568	0.039671	0.14215	0.232129	0.050833	0.647288	0.930249	0.004511	3.13E-05	5.18E-05	0.004594	0.013131	49.00143
1074.872	0.001476	0.000523	0	0.001999	0.164692	0.004654	0	0.169346	0.031781	0.011261	0	0.043042	0	0	0	0.043042	0.03618	0.012819	0	0.049	0	0	0	0.049	0.11663	0.178638	0	0.295268	0.009899	0.00028	0	0.010178	0.181823	96.01785
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48.75155	0.037669	0.004102	0	0.041771	0.009684	0.000255	0	0.009938	0.000538	5.86E-05	0	0.000597	0	0	0	0.000597	0.038444	0.004186	0	0.04263	0	0	0	0.04263	0.150877	0.009604	0	0.160481	0	0	0	0.060336	5.634936	
301.2179	0.000828	0.016683	0.001817	0.019328	0.005357	0.000507	0.002114	0.007978	0.003504	0.070899	0.009919	0.084322	0.029388	0.004732	0.019579	0.138021	0.005113	0.103456	0.01086	0.119429	0.029388	0.004732	0.019579	0.173128	0.071624	0.547931	0.209301	0.828857	0.002799	0.000165	1.39E-05	0.002978	0.01559	31.76306
402.5816	0.000487	0.000127	0	0.000614	0.058247	0.005179	0	0.063427	0.010478	0.002732	0	0.01321	0	0	0	0.01321	0.011929	0.00311	0	0.015039	0	0	0	0.015039	0.038487	0.099522	0	0.138009	0.003501	0.000311	0	0.003812	0.065968	35.96246

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210.1555	0.460303	0.081224	0	0.541527	0.037728	0.005114	0	0.042842	0.006577	0.001161	0	0.007737	0	0	0	0.007737	0.469773	0.082895	0	0.552668	0	0	0	0	0.552668	1.462323	0.165696	0	0	1.628019	0	0	0	0	0.13264	24.29077
189.1676	0.00034	0	0.000504	0.000844	0.001556	0	0.000532	0.002087	0.001017	0	0.00198	0.002997	0.000961	0.000248	0.000965	0.005171	0.001483	0	0.002168	0.003651	0.000961	0.000248	0.000965	0.005825	0.105877	0	0.060885	0.166762	0.001866	0	4.54E-06	0.00187	0.009039	19.94749
128.0098	0.000346	0	0	0.000346	0.020168	0	0	0.020168	0.007457	0	0	0.007457	0	0	0	0.007457	0.008489	0	0	0.008489	0	0	0	0.008489	0.008811	0	0	0.008811	0.001213	0	0	0.001213	0.025171	11.43507
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
720.5954	1.643629	0	0	1.643629	0.146898	0	0	0.146898	0.024518	0	0	0.024518	0	0	0	0.024518	1.678572	0	0	1.678572	0	0	0	0	1.678572	19.07167	0	0	19.07167	0	0	0	0	0.385914	83.28983
9.900736	0.000467	0	1.24E-07	0.000467	0.000621	0	3.95E-07	0.000621	0.002129	0	6.53E-07	0.002424	0.003107	0	7.15E-07	0.003107	9.79E-05	1.63E-05	0.00018	0.003107	9.79E-05	1.63E-05	0.00018	0.003401	0.161184	0	0.004276	0.16546	9.75E-05	0	4.2E-07	9.79E-05	0.00025	1.04402
81662.49	0.030968	0.124671	0	0.155639	12.04708	0.81888	0	12.86596	0.666726	2.684138	0	3.350864	0	0	0	3.350864	0.759017	3.055687	0	3.814703	0	0	0	0	3.814703	2.58838	39.61098	0	42.19936	0.724077	0.049218	0	0.773295	12.86954	7294.878
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1836.783	1.272456	0.463712	0	1.736168	0.333141	0.041299	0	0.37444	0.026775	0.006955	0	0.03373	0	0	0	0.03373	1.308427	0.473627	0	1.782054	0	0	0	0	1.782054	9.552707	1.638285	0	11.19099	0	0	0	0	1.158274	212.3041
130223.6	0.643018	0	2.391551	3.034569	1.808694	0	1.678485	3.487179	1.991077	0	9.641234	11.63231	15.79213	3.212185	11.60525	42.24188	2.905375	0	10.55594	13.46131	15.79213	3.212185	11.60525	44.07088	278.5068	0	115.8775	394.3843	1.252154	0	0.035239	1.287392	22.49547	13731.91
78.15425	0.000167	0	0	0.000167	0.012313	0	0	0.012313	0.003604	0	0	0.003604	0	0	0	0.003604	0.004103	0	0	0.004103	0	0	0	0.004103	0.084732	0	0	0.084732	0.000741	0	0	0.000741	0.001223	6.981488
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3219.172	0.010002	0	0.104101	0.114103	0.012126	0	0.049985	0.062112	0.032612	0	0.438491	0.471103	0.510306	0.108313	0.216929	1.30665	0.047587	0	0.480092	0.527679	0.510306	0.108313	0.216929	1.363227	4.954139	0	3.367178	8.321317	0.030361	0	0.001464	0.031825	0.446807	339.4576
11387.09	0.080496	0	0.24725	0.327747	0.172162	0	0.147811	0.319973	0.296792	0	1.088559	1.38535	2.376427	0.46013	1.679048	5.900956	0.433078	0	1.191835	1.624912	2.376427	0.46013	1.679048	6.140518	26.62408	0	11.4509	38.07499	0.109227	0	0.003346	0.112573	1.608636	1200.754
0.142267	3.03E-07	0	0	3.03E-07	2.24E-05	0	0	2.24E-05	6.52E-06	0	0	6.52E-06	0	0	0	6.52E-06	7.42E-06	0	0	7.42E-06	0	0	0	7.42E-06	6.76E-05	0	0	6.76E-05	1.35E-06	0	0	1.35E-06	1.26E-06	0.012709
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90.71355	0.000283	0	0.002844	0.003126	0.000341	0	0.001372	0.001714	0.000919	0	0.011932	0.012851	0.006909	0.001928	0.002252	0.023939	0.001341	0	0.013064	0.014404	0.006909	0.001928	0.002252	0.025493	0.139153	0	0.091571	0.230724	0.000852	0	4.48E-05	0.000897	0.012549	9.565631
90512.06	0.505333	0	1.760867	2.2662	1.180404	0	1.160045	2.340449	1.651468	0	7.25887	8.910338	9.669066	1.920699	7.101316	27.60142	2.409818	0	7.947549	10.35737	9.669066	1.920699	7.101316	29.04845	190.285	0	84.49983	274.7848	0.869324	0	0.02548	0.894804	12.87604	9544.384
307.7689	0.00082	0	0	0.00082	0.048489	0	0	0.048489	0.01766	0	0	0.01766	0	0	0	0.01766	0.020105	0	0	0.020105	0	0	0	0.020105	0.184634	0	0	0.184634	0.002916	0	0	0.002916	0.003642	27.49288
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
972.158	0.002992	0	0.031434	0.034425	0.003611	0	0.015083	0.018694	0.009774	0	0.132548	0.142321	0.098526	0.024562	0.035814	0.301223	0.014262	0	0.145123	0.159385	0.098526	0.024562	0.035814	0.318286	1.482984	0	1.01767	2.500654	0.009084	0	0.000527	0.009611	0.133989	102.5128
10505.85	0.021909	0.041096	0.154511	0.217515	0.046263	0.001169	0.277404	0.324835	0.084544	0.142439	0.710302	0.937285	1.024334	0.187063	1.363225	3.511907	0.123367	0.207847	0.777691	1.108904	1.024334	0.187063	1.363225	3.683526	9.393099	1.702867	21.38069	32.47666	0.101753	0.000491	0.001616	0.103861	0.711322	1107.829
6127.762	0.045597	0.001667	0	0.047263	0.959204	0.006227	0	0.965431	0.981668	0.035885	0	1.017553	0	0	0	1.017553	1.117564	0.040853	0	1.158417	0	0	0	1.158417	2.560673	0.297432	0	2.858106	0.057689	0.000375	0	0.058064	2.308534	547.3905
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1476.98	0.002128	0.005066	0.018433	0.025626	0.006358	0.000142	0.03435	0.04085	0.007662	0.017522	0.083521	0.108705	0.144401	0.02528	0.187995	0.466381	0.01118	0.025569	0.091445	0.128194	0.144401	0.02528	0.187995	0.485869	1.143767	0.222692	2.783113	4.149572	0.014321	7.45E-05	0.000206	0.014601	0.089577	155.7456
3296.685	0.022687	0.000779	0	0.023466	0.514695	0.004699	0	0.519394	0.488435	0.016775	0	0.505209	0	0	0	0.505209	0.55605	0.019097	0	0.575147	0	0	0	0.575147	1.26996	0.139039	0	1.408999	0.030955	0.000283	0	0.031238	1.06027	294.4916
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923.0186	0.666438	0	0.233474	0.899912	0.164166	0	0.00892	0.173086	4.083748	0	1.679451	5.7632	3.348114	5.814384	6.266282	21.19198	5.058454	0	1.827787	6.886241	3.348114	5.814384	6.266282	22.31502	48.47828	0	12.5156	60.99388	0.008479	0	0.000646	0.009125	0.041124	97.33116
62886.11	0.329849	0	1.165198	1.495046	0.740717	0	0.718654	1.459372	1.142282	0	5.077275	6.219557	7.15715	1.395652	5.1867	19.95906	1.666815	0	5.558977	7.225792	7.15715	1.395652	5.1867	20.96529	115.9849	0	53.17059	169.1555	0.603258	0	0.018435	0.621693	7.285842	6631.262
724.1288	0.000697	0	0	0.000697	0.114087	0	0	0.114087	0.015003	0	0	0.015003	0	0	0	0.015003	0.01708	0	0	0.01708	0	0	0	0.01708	0.405603	0	0	0.405603	0.006861	0	0	0.006861	0.00641	64.68614
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
600.7639	0.001817	0	0.019556	0.021373	0.002189	0	0.009359	0.011549	0.005953	0	0.082688	0.088641	0.074095	0.016904	0.029403	0.209043	0.008687	0	0.090533	0.09922	0.074095	0.016904	0.029403	0.219622	0.904154	0	0.634853	1.539007	0.005538	0	0.000401	0.005939	0.081762	63.3498
1058.994	0.002263	0	0.000188	0.002452	0.007578	0	0.000304	0.007882	0.006706	0	0.000685	0.007391	0.155692	0.028127	0.000839	0.192049	0.009786	0	0.00075	0.010535	0.155692	0.028127	0.000839	0.195194	0.111441	0	0.014416	0.125858	0.010468	0	1.66E-06	0.010469	0.025718	111.6696
343.3605	0.001138	0	0	0.001138	0.054097	0	0	0.054097	0.024492	0	0	0.024492	0	0	0	0.024492	0.027882	0	0	0.027882	0	0	0	0.027882	0.081654	0	0	0.081654	0.003254	0	0	0.003254	0.06256	30.67226
2581.854	0.005741	0.009194	0.026572	0.041507	0.01427	0.000211	0.019781	0.034263	0.023257	0.034831	0.132509	0.190597	0.08271	0.013502	0.150978	0.437787	0.033937	0.050825	0.145081	0.229843	0.08271	0.013502	0.150978	0.477032	0.441193	0.506474	2.497793	3.44546	0.025093	0.000165	0.000266	0.025524	0.075096	272.2533
12399.43	0.003859	0.002393	0	0.006252	1.863545	0.08999	0	1.953536	0.083081	0.051513	0	0.134594	0	0	0	0.134594	0.094581	0.058643	0	0.153225	0	0	0	0.153225	0.534099	2.140194	0	2.674292	0.112006	0.005409	0	0.117415	2.529912	1107.636
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
181.3094	0.118805	0.071177	0	0.189982	0.031914	0.005047	0	0.036961	0.001697	0.001017	0	0.002714	0	0	0	0.002714	0.121249	0.072641	0	0.193891	0	0	0	0.193891	0.440318	0.196379	0	0.636697	0	0	0	0	0.190022	20.9566
436.7383	0.002002	0.001591	0.005614	0.009208	0.003717	3.47E-05	0.004283	0.008035	0.009506	0.006344	0.030775	0.046626	0.035095	0.006223	0.038177	0.126121	0.013871	0.009258	0.033695	0.056824	0.035095	0.006223	0.038177	0.136319	0.216064	0.049065	0.619155	0.884284	0.004238	3.01E-05	4.98E-05	0.004318	0.012405	46.05351
1073.696	0.001384	0.000521	0	0.001905	0.164565	0.004597	0	0.169161	0.029791	0.011222	0	0.041013	0	0	0	0.041013	0.033915	0.012775	0	0.04669	0	0	0	0.04669	0.11123	0.178308	0	0.289539	0.009891	0.000276	0	0.010167	0.182822	95.91281
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.96068	0.03807	0.004116	0	0.042186	0.009724	0.000257	0	0.009981	0.000544	5.88E-05	0	0.000603	0	0	0	0.000603	0.038853	0.004201	0	0.043054	0	0	0	0.043054	0.151977	0.009833	0	0.161809	0	0	0	0	0.060797	5.659108
288.7496	0.000793	0.016104	0.001749	0.018646	0.005104	0.000485	0.002046	0.007635	0.003355	0.06845	0.009549	0.081354	0.029255	0.004583	0.019628	0.134821	0.004895	0.099883	0.010455	0.115233	0.029255	0.004583	0.019628	0.1687	0.068827	0.529005	0.202481	0.800313	0.002683	0.000159	1.33E-05	0.002855	0.015022	30.44829
386.0291	0.000413	0.000123	0	0.000536	0.055857	0.004962	0	0.060819	0.008883	0.002654	0	0.011537	0	0	0	0.011537	0.010113	0.003021	0	0.013134	0	0	0	0.013134	0.034153	0.099007	0	0.13316	0.003357	0.000298	0	0.003655	0.064996	34.48383
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205.4695	0.446529	0.080095	0	0.526625	0.036808	0.005079	0	0.041886	0.00638	0.001144	0	0.007524	0	0	0	0.007524	0.455716	0.081743	0	0.537459	0	0	0	0.537459	1.410657	0.166542	0	1.577199	0	0	0	0	0.130044	23.74914
173.8189	0.000299	0	0.000445	0.000744	0.001345	0	0.000503	0.001849	0.00088	0	0.001725	0.002605	0.000888	0.000235	0.00091	0.004638	0.001284	0	0.001889	0.003172	0.000888	0.000235	0.00091	0.005206	0.10394	0	0.057933	0.161874	0.001714	0	4.12E-06	0.001718	0.008833	18.32899
118.1374	0.000322	0	0	0.000322	0.018613	0	0	0.018613	0.006924	0	0	0.006924	0	0	0	0.006924	0.007882	0	0	0.007882	0	0	0	0.007882	0.008253	0	0	0.008253	0.001119	0	0	0.001119	0.023133	10.55317
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592.7922	1.331452	0	0	1.331452	0.120845	0	0	0.120845	0.020074	0	0	0.020074	0	0	0	0.020074	1.35999	0	0	1.35999	0	0	0	1.35999	15.41637	0	0	15.41637	0	0	0	0	0.315109	68.51774
9.44842	0.000447	0	1.29E-07	0.000448	0.000586	0	1.49E-06	0.000588	0.002037	0	6.77E-07	0.002038	8.86E-05	1.45E-05	0.000164	0.002305	0.002973	0	7.41E-07	0.002973	8.86E-05	1.45E-05	0.000164	0.00324	0.155077	0	0.004141	0.159218	9.3E-05	0	4.02E-07	9.34E-05	0.00024	0.996324
82845.55	0.03137	0.127269	0	0.158639	12.22055	0.831796	0	13.05235	0.675389	2.740076	0	3.415465	0	0	0	3.415465	0.768879	3.119368	0	3.888246	0	0	0	3.888246	2.605882	40.44369	0	43.04957	0.734504	0.049994	0	0.784498	13.13687	7400.56
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1813.928	1.221628	0.457364	0	1.678992	0.328779	0.041002	0	0.369781	0.025486	0.006842	0	0.032328	0	0	0	0.032328	1.255911	0.467123	0	1.723034	0	0	0	1.723034	9.26953	1.636904	0	10.90643	0	0	0	0	1.151904	209.6624
129733.6	0.627246	0	2.324196	2.951442	1.796106	0	1.67041	3.466516	1.917566	0	9.280551	11.19812	15.27617	3.049292	11.1961	40.71967	2.798108	0	10.16104	12.95914	15.27617	3.049292	11.1961	42.4807	276.093	0	113.3815	389.4745	1.247501	0	0.035048	1.282549	22.58035	13680.25
73.6477	0.000148	0	0	0.000148	0.011603	0	0	0.011603	0.003195	0	0	0.003195	0	0	0	0.003195	0.003637	0	0	0.003637	0	0	0	0.003637	0.077318	0	0	0.077318	0.000698	0	0	0.000698	0.001168	6.57892
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3216.592	0.009981	0	0.104877	0.114858	0.012092	0	0.050284	0.062376	0.032573	0	0.442419	0.474992	0.520247	0.107962	0.219115	1.322315	0.04753	0	0.484393	0.531923	0.520247	0.107962	0.219115	1.379247	4.949024	0	3.3974	8.346424	0.030329	0	0.00147	0.031799	0.446808	339.1856
11212.88	0.071867	0	0.2311	0.302968	0.16314	0	0.144612	0.307752	0.256472	0	0.998043	1.254516	2.207324	0.416706	1.548529	5.427075	0.374244	0	1.092732	1.466976	2.207324	0.416706	1.548529	5.639535	25.20358	0	10.72628	35.92986	0.107574	0	0.003277	0.110851	1.603445	1182.384
0.144606	3.06E-07	0	0	3.06E-07	2.28E-05	0	0	2.28E-05	6.59E-06	0	0	6.59E-06	0	0	0	6.59E-06	7.5E-06	0	0	7.5E-06	0	0	0	7.5E-06	6.86E-05	0	0	6.86E-05	1.37E-06	0	0	1.37E-06	1.28E-06	0.012918
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94.6037	0.000294	0	0.003001	0.003295	0.000355	0	0.001445	0.0018	0.000957	0	0.012615	0.013572	0.007781	0.002098	0.002577	0.026029	0.001397	0	0.013811	0.015208	0.007781	0.002098	0.002577	0.027665	0.145006	0	0.096814	0.24182	0.000888	0	4.74E-05	0.000935	0.013081	9.975842
90280.61	0.494715	0	1.729787	2.224502	1.166254	0	1.163531	2.329785	1.597758	0	7.08323	8.680987	9.662552	1.874636	7.092216	27.31039	2.331444	0	7.755245	10.08669	9.662552	1.874636	7.092216	28.71609	189.2743	0	83.64761	272.9219	0.867086	0	0.025429	0.892516	12.94321	9519.977
307.8522	0.000824	0	0	0.000824	0.048502	0	0	0.048502	0.017751	0	0	0.017751	0	0	0	0.017751	0.020208	0	0	0.020208	0	0	0	0.020208	0.185777	0	0	0.185777	0.002917	0	0	0.002917	0.003663	27.50032
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
993.0854	0.00305	0	0.032432	0.035482	0.003677	0	0.015537	0.019214	0.009977	0	0.136986	0.146963	0.110358	0.026166	0.040874	0.324361	0.014558	0	0.149982	0.164541	0.110358	0.026166	0.040874	0.341938	1.514048	0	1.05177	2.565818	0.009274	0	0.000543	0.009818	0.136822	104.7196
10129.48	0.018272	0.039609	0.148518	0.206398	0.040542	0.001129	0.268166	0.309837	0.067377	0.137036	0.680492	0.884905	1.005995	0.176366	1.328505	3.395771	0.098316	0.199963	0.745053	1.043332	1.005995	0.176366	1.328505	3.554198	8.853929	1.661025	20.75627	31.27123	0.098096	0.000477	0.001566	0.10014	0.689104	1068.141
5899.206	0.042345	0.001619	0	0.043963	0.923411	0.006012	0	0.929422	0.911659	0.034845	0	0.946505	0	0	0	0.946505	1.037863	0.039669	0	1.077533	0	0	0	1.077533	2.356557	0.288817	0	2.645374	0.055536	0.000362	0	0.055898	2.248973	526.9737
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1414.183	0.001867	0.004803	0.017369	0.024038	0.005708	0.000135	0.03261	0.038454	0.006531	0.016548	0.07827	0.101349	0.141636	0.023842	0.18466	0.451488	0.009531	0.024146	0.085695	0.119373	0.141636	0.023842	0.18466	0.469511	1.09641	0.215534	2.703424	4.015368	0.01371	7.18E-05	0.000199	0.013981	0.086369	149.1238
3184.875	0.021566	0.000762	0	0.022328	0.497203	0.004575	0	0.501778	0.464307	0.016402	0	0.480709	0	0	0	0.480709	0.528583	0.018673	0	0.547256	0	0	0	0.547256	1.205768	0.13595	0	1.341718	0.029903	0.000275	0	0.030178	1.033063	284.5036
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922.7587	0.662015	0	0.232045	0.894061	0.163679	0	0.00877	0.172449	4.043566	0	1.666078	5.709644	3.341618	5.845299	6.299677	21.19624	5.015174	0	1.813356	6.82853	3.341618	5.845299	6.299677	22.31512	48.08814	0	12.57459	60.66273	0.008479	0	0.000643	0.009122	0.041202	97.30375
62567.18	0.315889	0	1.131497	1.447386	0.724498	0	0.718396	1.442895	1.070565	0	4.877344	5.947909	7.017247	1.33344	5.066247	19.36484	1.562165	0	5.340078	6.902243	7.017247	1.33344	5.066247	20.31918	114.2	0	51.95799	166.158	0.600211	0	0.018329	0.61854	7.318377	6597.631
708.2777	0.000655	0	0	0.000655	0.111589	0	0	0.111589	0.014093	0	0	0.014093	0	0	0	0.014093	0.016043	0	0	0.016043	0	0	0	0.016043	0.391136	0	0	0.391136	0.006711	0	0	0.006711	0.006329	63.27017
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

614.6927	0.001855	0	0.020216	0.022072	0.002233	0	0.009658	0.011891	0.006086	0	0.085633	0.091719	0.079271	0.017682	0.031277	0.21995	0.008881	0	0.093757	0.102638	0.079271	0.017682	0.031277	0.230869	0.924441	0	0.65747	1.581911	0.005662	0	0.000414	0.006077	0.083608	64.81858
1046.554	0.002149	0	0.000184	0.002333	0.007327	0	0.000294	0.007621	0.006226	0	0.000666	0.006892	0.144015	0.025366	0.000774	0.177047	0.009085	0	0.000729	0.009814	0.144015	0.025366	0.000774	0.17997	0.102657	0	0.014004	0.116661	0.010345	0	1.62E-06	0.010346	0.025418	110.3578
340.4385	0.001095	0	0	0.001095	0.053636	0	0	0.053636	0.02358	0	0	0.02358	0	0	0	0.02358	0.026844	0	0	0.026844	0	0	0	0.026844	0.077758	0	0	0.077758	0.003226	0	0	0.003226	0.063015	30.41124
2450.78	0.005222	0.008835	0.025411	0.039467	0.013182	0.0002	0.01897	0.032352	0.020868	0.033485	0.126334	0.180687	0.080036	0.012584	0.146551	0.419858	0.030451	0.048861	0.138319	0.217631	0.080036	0.012584	0.146551	0.456802	0.393464	0.486892	2.361447	3.241804	0.023818	0.000158	0.000253	0.024228	0.071691	258.4316
12155.32	0.003675	0.00234	0	0.006016	1.827486	0.087591	0	1.915076	0.079125	0.050388	0	0.129513	0	0	0	0.129513	0.090078	0.057363	0	0.147441	0	0	0	0.147441	0.517095	2.100051	0	2.617146	0.109839	0.005265	0	0.115104	2.496588	1085.83
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178.6367	0.117422	0.069839	0	0.187261	0.031434	0.004983	0	0.036416	0.001678	0.000998	0	0.002676	0	0	0	0.002676	0.119838	0.071276	0	0.191113	0.071276	0	0	0.191113	0.433614	0.195568	0	0.629181	0	0	0	0	0.187494	20.64768
412.2922	0.001866	0.001534	0.005385	0.008784	0.003445	3.33E-05	0.004009	0.007487	0.008838	0.006133	0.029517	0.044488	0.034052	0.005891	0.036804	0.121236	0.012896	0.00895	0.032317	0.054163	0.034052	0.005891	0.036804	0.130911	0.200092	0.047424	0.58925	0.836767	0.003999	2.9E-05	4.79E-05	0.004076	0.011768	43.4757
1072.977	0.0013	0.00052	0	0.001819	0.164502	0.004546	0	0.169048	0.027981	0.011192	0	0.039173	0	0	0	0.039173	0.031854	0.012741	0	0.044596	0	0	0	0.044596	0.106301	0.178086	0	0.284387	0.009887	0.000273	0	0.01016	0.183806	95.8486
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49.12866	0.03839	0.004137	0	0.042527	0.009756	0.000259	0	0.010015	0.000549	5.91E-05	0	0.000608	0	0	0	0.000608	0.03918	0.004222	0	0.043402	0	0	0	0.043402	0.152834	0.01005	0	0.162884	0	0	0	0	0.061183	5.678524
275.1412	0.000758	0.015454	0.001683	0.017895	0.004851	0.000461	0.001977	0.007289	0.00321	0.065703	0.009188	0.0781	0.028055	0.004321	0.018923	0.129399	0.004684	0.095873	0.01006	0.110617	0.028055	0.004321	0.018923	0.161916	0.06598	0.507769	0.194567	0.768316	0.002556	0.000151	1.27E-05	0.00272	0.0144	29.0133
370.0172	0.000342	0.000119	0	0.000462	0.053546	0.00475	0	0.058296	0.007373	0.00257	0	0.009943	0	0	0	0.009943	0.008393	0.002926	0	0.011319	0	0	0	0.011319	0.030083	0.098233	0	0.128316	0.003218	0.000286	0	0.003504	0.063929	33.05349
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200.0468	0.431226	0.078454	0	0.50968	0.035766	0.005015	0	0.040781	0.006161	0.001121	0	0.007282	0	0	0	0.007282	0.440098	0.080068	0	0.520166	0	0	0	0.520166	1.353901	0.166735	0	1.520636	0	0	0	0	0.127046	23.12236
147.07	0.000226	0	0.00034	0.000566	0.000937	0	0.000447	0.001384	0.000633	0	0.001267	0.0019	0.00084	0.000219	0.000863	0.003823	0.000924	0	0.001387	0.002311	0.00084	0.000219	0.000863	0.004234	0.099687	0	0.052378	0.152065	0.001451	0	3.43E-06	0.001454	0.00839	15.50835
91.51364	0.000255	0	0	0.000255	0.014418	0	0	0.014418	0.005482	0	0	0.005482	0	0	0	0.005482	0.00624	0	0	0.00624	0	0	0	0.00624	0.00673	0	0	0.00673	0.000867	0	0	0.000867	0.017652	8.174877
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
476.5721	1.059108	0	0	1.059108	0.097152	0	0	0.097152	0.016174	0	0	0.016174	0	0	0	0.016174	1.082035	0	0	1.082035	0	0	0	1.082035	12.27945	0	0	12.27945	0	0	0	0	0.251111	55.08446
9.022053	0.00043	0	1.11E-07	0.00043	0.000554	0	3.09E-06	0.000557	0.001957	0	5.76E-07	0.001958	8.37E-05	1.31E-05	0.000155	0.00221	0.002856	0	6.31E-07	0.002857	8.37E-05	1.31E-05	0.000155	0.003109	0.149125	0	0.003984	0.153109	8.88E-05	0	3.84E-07	8.92E-05	0.000231	0.951364
84187.54	0.031822	0.130086	0	0.161908	12.41714	0.846637	0	13.26378	0.685125	2.80071	0	3.485835	0	0	0	3.485835	0.779963	3.188395	0	3.968357	0	0	0	3.968357	2.629184	41.34533	0	43.97451	0.746319	0.050886	0	0.797206	13.4205	7520.44
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1791.707	1.176406	0.451967	0	1.628374	0.324533	0.040719	0	0.365251	0.024142	0.006738	0	0.030881	0	0	0	0.030881	1.208965	0.461586	0	1.67055	0	0	0	1.67055	9.013844	1.635229	0	10.64907	0	0	0	0	1.145487	207.094
129374.8	0.612944	0	2.263828	2.876773	1.785178	0	1.664166	3.449344	1.849437	0	8.94738	10.79682	14.65627	2.881431	10.70349	39.03801	2.698694	0	9.796255	12.49495	14.65627	2.881431	10.70349	40.73614	274.0179	0	111.0718	385.0896	1.2441	0	0.034902	1.279002	22.65565	13642.41
70.10114	0.000132	0	0	0.000132	0.011044	0	0	0.011044	0.002846	0	0	0.002846	0	0	0	0.002846	0.00324	0	0	0.00324	0	0	0	0.00324	0.071194	0	0	0.071194	0.000664	0	0	0.000664	0.001125	6.262107
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3214.017	0.009961	0	0.105551	0.115513	0.01206	0	0.050542	0.062602	0.032535	0	0.445861	0.478396	0.526834	0.107311	0.219363	1.331903	0.047474	0	0.488162	0.535636	0.526834	0.107311	0.219363	1.389144	4.944051	0	3.423884	8.367935	0.030299	0	0.001475	0.031774	0.446718	338.914
11063.67	0.064801	0	0.217373	0.282175	0.155575	0	0.141877	0.297452	0.22361	0	0.921613	1.145223	2.063671	0.379279	1.439727	5.027901	0.326292	0	1.00905	1.335342	2.063671	0.379279	1.439727	5.218019	24.06176	0	10.13998	34.20174	0.106157	0	0.003219	0.109376	1.599487	1166.65
0.146718	3.09E-07	0	0	3.09E-07	2.31E-05	0	0	2.31E-05	6.66E-06	0	0	6.66E-06	0	0	0	6.66E-06	7.58E-06	0	0	7.58E-06	0	0	0	7.58E-06	6.96E-05	0	0	6.96E-05	1.39E-06	0	0	1.39E-06	1.3E-06	0.013106
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98.15113	0.000304	0	0.003149	0.003453	0.000367	0	0.001514	0.001881	0.000993	0	0.013261	0.014254	0.008829	0.002282	0.00298	0.028345	0.001448	0	0.014519	0.015968	0.008829	0.002282	0.00298	0.030059	0.15033	0	0.101778	0.252108	0.000921	0	4.98E-05	0.00097	0.013564	10.34991
90100.26	0.484249	0	1.702126	2.186375	1.15392	0	1.167402	2.321322	1.544515	0	6.923592	8.468106	9.496279	1.81325	6.951962	26.7296	2.253752	0	7.580461	9.834214	9.496279	1.81325	6.951962	28.0957	188.3023	0	82.88519	271.1874	0.865338	0	0.025395	0.890733	13.00281	9500.96
308.011	0.000828	0	0	0.000828	0.048527	0	0	0.048527	0.017833	0	0	0.017833	0	0	0	0.017833	0.020301	0	0	0.020301	0	0	0	0.020301	0.186816	0	0	0.186816	0.002919	0	0	0.002919	0.003682	27.5145
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1011.328	0.0031	0	0.033331	0.036432	0.003735	0	0.015943	0.019678	0.010153	0	0.141005	0.151159	0.120099	0.027494	0.044747	0.343498	0.014816	0	0.154383	0.169199	0.120099	0.027494	0.044747	0.361539	1.541044	0	1.082654	2.623698	0.00944	0	0.000558	0.009998	0.139287	106.6433
9765.065	0.014953	0.038077	0.141756	0.194786	0.034915	0.001089	0.258782	0.294787	0.052257	0.131335	0.645903	0.829495	0.964018	0.160318	1.253166	3.206998	0.076253	0.191644	0.707183	0.97508	0.964018	0.160318	1.253166	3.352583	8.367956	1.615599	20.12701	30.11056	0.094561	0.000463	0.001514	0.096538	0.667705	1029.714
5687.152	0.039401	0.001572	0	0.040973	0.890209	0.005804	0	0.896013	0.848284	0.033835	0	0.882119	0	0	0	0.882119	0.965715	0.038519	0	1.004233	0	0	0	1.004233	2.172338	0.280441	0	2.452779	0.05354	0.000349	0	0.053889	2.192123	508.031
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1357.179	0.001661	0.004558	0.016371	0.02259	0.005157	0.000129	0.030986	0.036272	0.005673	0.015637	0.073331	0.094642	0.135485	0.022083	0.176557	0.428768	0.008279	0.022818	0.080289	0.111385	0.135485	0.022083	0.176557	0.445511	1.056352	0.208733	2.629864	3.894949	0.013156	6.92E-05	0.000192	0.013417	0.08344	143.1128
3084.877	0.020632	0.000746	0	0.021378	0.481559	0.004464	0	0.486024	0.444199	0.016065	0	0.460264	0	0	0	0.460264	0.505691	0.018289	0	0.52398	0	0	0	0.52398	1.150637	0.133154	0	1.283791	0.028962	0.000268	0	0.029231	1.008011	275.5708
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
922.5695	0.658123	0	0.23071	0.888832	0.163231	0	0.00864	0.171871	4.008617	0	1.653634	5.662251	3.322956	5.875687	6.327867	21.18876	4.977056	0	1.799897	6.776952	3.322956	5.875687	6.327867	22.30346	47.74526	0	12.61793	60.36319	0.00848	0	0.000641	0.009121	0.04127	97.2838
62301.55	0.304569	0	1.10353	1.408099	0.710897	0	0.718741	1.429637	1.013328	0	4.713655	5.726983	6.80568	1.267185	4.887102	18.68695	1.478646	0	5.160859	6.639505	6.80568	1.267185	4.887102	19.59947	112.9171	0	51.05865	163.9758	0.597668	0	0.018247	0.615914	7.34638	6569.621
694.8813	0.00062	0	0	0.00062	0.109479	0	0	0.109479	0.013351	0	0	0.013351	0	0	0	0.013351	0.015199	0	0	0.015199	0	0	0	0.015199	0.379137	0	0	0.379137	0.006584	0	0	0.006584	0.006261	62.07347
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
627.0126	0.001889	0	0.02082	0.022709	0.002271	0	0.00993	0.012201	0.006203	0	0.088338	0.094541	0.084316	0.018411	0.033033	0.2303	0.009052	0	0.096719	0.105771	0.084316	0.018411	0.033033	0.24153	0.942318	0	0.678253	1.620571	0.005772	0	0.000426	0.006199	0.085236	66.11769
1035.152	0.002069	0	0.00018	0.002249	0.007106	0	0.000285	0.007391	0.005911	0	0.000648	0.006559	0.133885	0.022936	0.000719	0.1641	0.008626	0	0.000709	0.009335	0.133885	0.022936	0.000719	0.166876	0.09539	0	0.013638	0.109028	0.010232	0	1.59E-06	0.010234	0.025144	109.1555
337.822	0.001057	0	0	0.001057	0.053224	0	0	0.053224	0.022749	0	0	0.022749	0	0	0	0.022749	0.025898	0	0	0.025898	0	0	0	0.025898	0.074155	0	0	0.074155	0.003201	0	0	0.003201	0.063457	30.17751
2333.288	0.004808	0.008502	0.024333	0.037643	0.012251	0.00019	0.018183	0.030624	0.018969	0.03224	0.120704	0.171913	0.076175	0.01171	0.140507	0.400305	0.02768	0.047045	0.132155	0.20688	0.076175	0.01171	0.140507	0.435272	0.355413	0.468797	2.243943	3.068153	0.022674	0.000151	0.000242	0.023067	0.068616	246.0423
11938.82	0.003504	0.002292	0	0.005796	1.795604	0.085362	0	1.880965	0.075444	0.049344	0	0.124789	0	0	0	0.124789	0.085887	0.056175	0	0.142062	0	0	0	0.142062	0.501603	2.062828	0	2.564431	0.107923	0.005131	0	0.113053	2.467861	1066.49
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175.9956	0.116042	0.068487	0	0.184529	0.030965	0.004913	0	0.035878	0.001658	0.000979	0	0.002637	0	0	0	0.002637	0.11843	0.069896	0	0.188326	0	0	0	0.188326	0.427108	0.194358	0	0.621466	0	0	0	0	0.185044	20.34241
390.9088	0.001745	0.001481	0.005158	0.008384	0.003209	3.19E-05	0.003821	0.007062	0.008254	0.005936	0.028263	0.042452	0.032729	0.005538	0.035097	0.115817	0.012044	0.008662	0.030944	0.05165	0.032729	0.005538	0.035097	0.125014	0.187155	0.04589	0.562157	0.795203	0.00379	2.8E-05	4.6E-05	0.003865	0.011209	41.22084
1072.714	0.001206	0.000519	0	0.001726	0.1645	0.004507	0	0.169007	0.025974	0.011182	0	0.037156	0	0	0	0.037156	0.029569	0.01273	0	0.042299	0	0	0	0.042299	0.100968	0.178158	0	0.279126	0.009887	0.000271	0	0.010158	0.184812	95.82516
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.27343	0.038656	0.004164	0	0.04282	0.009783	0.000262	0	0.010045	0.000552	5.95E-05	0	0.000612	0	0	0	0.000612	0.039452	0.00425	0	0.043701	0	0	0	0.043701	0.153599	0.010246	0	0.163844	0	0	0	0	0.061519	5.695256
259.3098	0.000717	0.014688	0.0016	0.017004	0.004513	0.000434	0.001869	0.006816	0.003036	0.062452	0.008737	0.074224	0.026347	0.003986	0.017878	0.122435	0.00443	0.09113	0.009566	0.105125	0.026347	0.003986	0.017878	0.153336	0.062312	0.482649	0.185135	0.730095	0.002409	0.000143	1.21E-05	0.002564	0.013671	27.3439
354.5984	0.000278	0.000115	0	0.000393	0.051323	0.004545	0	0.055867	0.005982	0.002482	0	0.008464	0	0	0	0.008464	0.00681	0.002825	0	0.009635	0	0	0	0.009635	0.026351	0.09713	0	0.123481	0.003085	0.000273	0	0.003358	0.062736	31.67614
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193.5847	0.413565	0.076233	0	0.489797	0.034544	0.00492	0	0.039464	0.005909	0.001089	0	0.006998	0	0	0	0.006998	0.422073	0.077801	0	0.499874	0	0	0	0.499874	1.288987	0.166185	0	1.455172	0	0	0	0	0.123491	22.37544
125.8189	0.000167	0	0.000226	0.000393	0.000575	0	0.000386	0.000962	0.00043	0	0.000763	0.001193	0.000705	0.00019	0.000747	0.002835	0.000627	0	0.000835	0.001462	0.000705	0.00019	0.000747	0.003105	0.095968	0	0.046468	0.142436	0.001241	0	2.71E-06	0.001244	0.008057	13.26745
72.38933	0.000203	0	0	0.000203	0.011405	0	0	0.011405	0.004381	0	0	0.004381	0	0	0	0.004381	0.004987	0	0	0.004987	0	0	0	0.004987	0.005506	0	0	0.005506	0.000686	0	0	0.000686	0.014137	6.46651
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
394.5598	0.873002	0	0	0.873002	0.080434	0	0	0.080434	0.013513	0	0	0.013513	0	0	0	0.013513	0.892097	0	0	0.892097	0	0	0	0.892097	10.1724	0	0	10.1724	0	0	0	0	0.206407	45.6051
8.627896	0.000412	0	1.02E-07	0.000412	0.000524	0	5.49E-06	0.000529	0.001874	0	5.32E-07	0.001875	8.06E-05	1.22E-05	0.000151	0.002119	0.002735	0	5.82E-07	0.002735	8.06E-05	1.22E-05	0.000151	0.002979	0.14324	0	0.003887	0.147127	8.49E-05	0	3.67E-07	8.53E-05	0.000222	0.909801
85691.77	0.032335	0.133136	0	0.16547	12.63734	0.86343	0	13.50077	0.696158	2.866373	0	3.562531	0	0	0	3.562531	0.792523	3.263147	0	4.05567	0	0	0	4.05567	2.65857	42.32041	0	44.97898	0.759554	0.051896	0	0.81145	13.72127	7654.812
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1770.418	1.138065	0.447461	0	1.585526	0.320461	0.04045	0	0.360911	0.022827	0.006644	0	0.029472	0	0	0	0.029472	1.16896	0.456953	0	1.625913	0	0	0	1.625913	8.78711	1.633599	0	10.42071	0	0	0	0	1.139162	204.6333
129091.5	0.599864	0	2.210882	2.810746	1.775944	0	1.659557	3.435501	1.786984	0	8.642822	10.42981	14.26449	2.783904	10.46645	37.94464	2.607563	0	9.462802	12.07036	14.26449	2.783904	10.46645	39.5852	272.1032	0	109.2196	381.3228	1.241396	0	0.034805	1.276201	22.72331	13612.54
67.39928	0.000119	0	0	0.000119	0.010619	0	0	0.010619	0.002567	0	0	0.002567	0	0	0	0.002567	0.002923	0	0	0.002923	0	0	0	0.002923	0.066204	0	0	0.066204	0.000639	0	0	0.000639	0.001093	6.020751
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3208.862	0.00992	0	0.106148	0.116068	0.012019	0	0.05077	0.062789	0.032422	0	0.448908	0.48133	0.537158	0.10722	0.221775	1.347483	0.047311	0	0.491498	0.538808	0.537158	0.10722	0.221775	1.404961	4.932792	0	3.447328	8.38012	0.030243	0	0.00148	0.031723	0.44659	338.3704
10930.48	0.05851	0	0.204655	0.263165	0.148888	0	0.139337	0.288226	0.194199	0	0.849858	1.044057	1.947415	0.355168	1.373166	4.719805	0.283375	0	0.930488	1.213863	1.947415	0.355168	1.373166	4.889611	23.02012	0	9.632099	32.65221	0.104891	0	0.003168	0.108059	1.596125	1152.606
0.148535	3.11E-07	0	0	3.11E-07	2.34E-05	0	0	2.34E-05	6.69E-06	0	0	6.69E-06	0	0	0	6.69E-06	7.61E-06	0	0	7.61E-06	0	0	0	7.61E-06	7.02E-05	0	0	7.02E-05	1.41E-06	0	0	1.41E-06	1.32E-06	0.013269
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101.2867	0.000313	0	0.003288	0.003601	0.000377	0	0.001578	0.001955	0.001022	0	0.01387	0.014892	0.009996	0.002471	0.003448	0.030806	0.001491	0	0.015186	0.016677	0.009996	0.002471	0.003448	0.032592	0.15495	0	0.106455	0.261405	0.000949	0	5.2E-05	0.001001	0.014001	10.68056
89940.19	0.474518	0	1.67801	2.152528	1.14289	0	1.171124	2.314014	1.495558	0	6.780921	8.276478	9.421685	1.777961	6.912882	26.38901	2.182314	0	7.424255	9.606569	9.421685	1.777961	6.912882	27.7191	187.2943	0	82.28229	269.5766	0.863772	0	0.025378	0.88915	13.05538	9484.08

308.1063	0.000828	0	0	0.000828	0.048542	0	0	0.048542	0.017824	0	0	0.017824	0	0	0	0.017824	0.020291	0	0	0.020291	0	0	0	0.020291	0.186888	0	0	0.186888	0.002919	0	0	0.002919	0.003698	27.52301
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1026.345	0.003137	0	0.034138	0.037275	0.003779	0	0.016307	0.020086	0.010284	0	0.144625	0.154909	0.131875	0.028961	0.049739	0.365484	0.015006	0	0.158346	0.173352	0.131875	0.028961	0.049739	0.383928	1.562473	0	1.110471	2.672944	0.009575	0	0.000571	0.010146	0.141415	108.2268
9439.551	0.014192	0.036664	0.13563	0.186487	0.032511	0.001052	0.249644	0.283206	0.049354	0.126174	0.615717	0.791246	0.937349	0.152906	1.234998	3.116499	0.072018	0.184113	0.674133	0.930264	0.937349	0.152906	1.234998	3.255517	8.148211	1.573411	19.68069	29.40232	0.091402	0.000449	0.001469	0.09332	0.648289	995.3888
5491.503	0.036897	0.001527	0	0.038424	0.859579	0.005609	0	0.865189	0.794377	0.032874	0	0.827251	0	0	0	0.827251	0.904345	0.037425	0	0.94177	0	0	0	0.94177	2.01197	0.272479	0	2.284449	0.051697	0.000337	0	0.052035	2.138165	490.5538
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1306.027	0.001554	0.004334	0.015474	0.021363	0.004778	0.000123	0.029489	0.03439	0.005269	0.014808	0.06895	0.089028	0.131008	0.020794	0.171769	0.412599	0.007689	0.021608	0.075492	0.104789	0.131008	0.020794	0.171769	0.42836	1.026625	0.202402	2.564543	3.793571	0.012659	6.68E-05	0.000185	0.012911	0.080772	137.7189
2993.234	0.019846	0.000731	0	0.020577	0.467226	0.004359	0	0.471585	0.42727	0.015741	0	0.443011	0	0	0	0.443011	0.486418	0.017921	0	0.504339	0	0	0	0.504339	1.101274	0.130473	0	1.231748	0.0281	0.000262	0	0.028362	0.984516	267.3844
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921.9984	0.653685	0	0.229381	0.883066	0.162788	0	0.008508	0.171296	3.970511	0	1.641	5.611511	3.311614	5.904839	6.357565	21.18553	4.93461	0	1.786233	6.720842	3.311614	5.904839	6.357565	22.29486	47.39122	0	12.65958	60.0508	0.008477	0	0.000638	0.009115	0.04133	97.22358
62077.06	0.298814	0	1.083702	1.382517	0.701202	0	0.719445	1.420647	0.986202	0	4.602909	5.589111	6.67879	1.231439	4.812476	18.31182	1.439064	0	5.039606	6.478669	6.67879	1.231439	4.812476	19.20137	112.2817	0	50.57413	162.8559	0.595504	0	0.018191	0.613695	7.371422	6545.949
683.6679	0.000589	0	0	0.000589	0.107712	0	0	0.107712	0.012679	0	0	0.012679	0	0	0	0.012679	0.014435	0	0	0.014435	0	0	0	0.014435	0.367544	0	0	0.367544	0.006478	0	0	0.006478	0.006206	61.07178
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637.4083	0.001914	0	0.021373	0.023286	0.002301	0	0.010178	0.012479	0.006293	0	0.090824	0.097117	0.089368	0.019114	0.034857	0.240456	0.009183	0	0.099441	0.108624	0.089368	0.019114	0.034857	0.251962	0.95687	0	0.697355	1.654225	0.005864	0	0.000438	0.006301	0.08667	67.21391
1025.739	0.002014	0	0.000177	0.002191	0.006943	0	0.000276	0.007219	0.005697	0	0.000634	0.006332	0.126271	0.021269	0.000685	0.154557	0.008314	0	0.000694	0.009008	0.126271	0.021269	0.000685	0.157233	0.090532	0	0.013388	0.103919	0.010139	0	1.57E-06	0.01014	0.024917	108.1629
335.2983	0.00102	0	0	0.00102	0.052826	0	0	0.052826	0.021966	0	0	0.021966	0	0	0	0.021966	0.025006	0	0	0.025006	0.070732	0	0	0.025006	0.070732	0	0	0.070732	0.003177	0	0	0.003177	0.063865	29.95206
2227.544	0.004423	0.00819	0.023329	0.035941	0.011464	0.00018	0.017248	0.028892	0.017235	0.03106	0.115467	0.163762	0.073156	0.010958	0.135895	0.383771	0.02515	0.045323	0.126422	0.196894	0.073156	0.010958	0.135895	0.416903	0.322997	0.451647	2.137438	2.912082	0.021646	0.000144	0.000231	0.022022	0.065829	234.8917
11747.54	0.003362	0.00225	0	0.005612	1.767473	0.083357	0	1.85083	0.072378	0.048439	0	0.120817	0	0	0	0.120817	0.082397	0.055145	0	0.137541	0	0	0	0.137541	0.488103	2.029744	0	2.517846	0.106232	0.00501	0	0.111242	2.443007	1049.403
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173.4098	0.114701	0.067115	0	0.181816	0.03051	0.004841	0	0.035351	0.001639	0.000959	0	0.002598	0	0	0	0.002598	0.117061	0.068495	0	0.185556	0	0	0	0.185556	0.420791	0.193008	0	0.613799	0	0	0	0	0.182645	20.04353
372.9718	0.001661	0.001435	0.004993	0.008089	0.003063	3.07E-05	0.003684	0.006778	0.007852	0.005765	0.027385	0.041002	0.031828	0.005346	0.034296	0.112472	0.011457	0.008413	0.029983	0.049853	0.031828	0.005346	0.034296	0.121323	0.177858	0.044567	0.541732	0.764157	0.003616	2.71E-05	4.45E-05	0.003687	0.010738	39.32941
1073.17	0.00112	0.000519	0	0.001639	0.164601	0.004478	0	0.169078	0.024114	0.011182	0	0.035296	0	0	0	0.035296	0.027452	0.01273	0	0.040182	0	0	0	0.040182	0.096155	0.178372	0	0.274527	0.009893	0.000269	0	0.010162	0.18581	95.86584
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.37755	0.038855	0.004191	0	0.043047	0.009802	0.000264	0	0.010066	0.000555	5.99E-05	0	0.000615	0	0	0	0.000615	0.039655	0.004278	0	0.043932	0	0	0	0.043932	0.154173	0.010414	0	0.164587	0	0	0	0	0.061762	5.707292
240.3282	0.000665	0.013755	0.00149	0.01591	0.004066	0.000404	0.001692	0.006161	0.002815	0.058487	0.008136	0.069438	0.024288	0.003583	0.016605	0.113915	0.004108	0.085345	0.008908	0.09836	0.024288	0.003583	0.016605	0.142837	0.057813	0.452008	0.174108	0.683929	0.002232	0.000133	1.12E-05	0.002376	0.012793	25.34231
339.8384	0.00022	0.000111	0	0.000331	0.049199	0.004343	0	0.053542	0.004739	0.00239	0	0.007129	0	0	0	0.007129	0.005395	0.002721	0	0.008116	0	0	0	0.008116	0.022979	0.095611	0	0.11859	0.002957	0.000261	0	0.003218	0.061391	30.35763
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186.3634	0.394391	0.073447	0	0.467838	0.033198	0.004793	0	0.037991	0.005635	0.001049	0	0.006684	0	0	0	0.006684	0.402505	0.074958	0	0.477463	0	0	0	0.477463	1.219036	0.164898	0	1.383935	0	0	0	0	0.119538	21.54077
127.8631	0.000164	0	0.000227	0.000391	0.000571	0	0.000387	0.000958	0.000423	0	0.00076	0.001183	0.000761	0.000198	0.000792	0.002933	0.000617	0	0.000832	0.001449	0.000761	0.000198	0.000792	0.003199	0.097345	0	0.046565	0.143909	0.001261	0	2.73E-06	0.001264	0.008223	13.483
59.29861	0.00017	0	0	0.00017	0.009343	0	0	0.009343	0.003651	0	0	0.003651	0	0	0	0.003651	0.004157	0	0	0.004157	0	0	0	0.004157	0.004743	0	0	0.004743	0.000562	0	0	0.000562	0.011598	5.297122
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
341.2632	0.744756	0	0	0.744756	0.069569	0	0	0.069569	0.011722	0	0	0.011722	0	0	0	0.011722	0.761259	0	0	0.761259	0	0	0	0.761259	8.689269	0	0	8.689269	0	0	0	0	0.178512	39.44482
8.273082	0.000395	0	1.02E-07	0.000395	0.000488	0	9.47E-06	0.000497	0.001795	0	5.3E-07	0.001795	7.84E-05	1.14E-05	0.000148	0.002033	0.002619	0	5.81E-07	0.00262	7.84E-05	1.14E-05	0.000148	0.002858	0.137957	0	0.003774	0.141731	8.14E-05	0	3.51E-07	8.18E-05	0.000214	0.872386
87359.53	0.032909	0.136399	0	0.169308	12.88155	0.881981	0	13.76353	0.708518	2.936641	0	3.645159	0	0	0	3.645159	0.806594	3.343142	0	4.149736	0	0	0	4.149736	2.694238	43.36263	0	46.05687	0.774232	0.053011	0	0.827242	14.04033	7803.792
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1750.574	1.104882	0.444149	0	1.549032	0.316645	0.040221	0	0.356866	0.021535	0.006566	0	0.0281	0	0	0	0.0281	1.134162	0.453537	0	1.5877	0	0	0	1.5877	8.582279	1.633387	0	10.21567	0	0	0	0	1.133479	202.3397
128943.5	0.589888	0	2.165768	2.755656	1.768897	0	1.656075	3.424972	1.738299	0	8.380562	10.11886	13.95912	2.698348	10.30374	37.08007	2.536521	0	9.17566	11.71218	13.95912	2.698348	10.30374	38.67339	270.8274	0	107.6697	378.4971	1.239996	0	0.034742	1.274738	22.78584	13596.93
65.37401	0.00011	0	0	0.00011	0.0103	0	0	0.0103	0.002361	0	0	0.002361	0	0	0	0.002361	0.002688	0	0	0.002688	0	0	0	0.002688	0.062628	0	0	0.062628	0.000619	0	0	0.000619	0.001069	5.839834
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3207.474	0.009907	0	0.106681	0.116588	0.011998	0	0.050973	0.062971	0.032398	0	0.45164	0.484039	0.549694	0.107239	0.224042	1.365014	0.047276	0	0.494489	0.541765	0.549694	0.107239	0.224042	1.422741	4.929862	0	3.468352	8.398215	0.030225	0	0.001484	0.031709	0.446542	338.2241
10814.5	0.053531	0	0.193574	0.247105	0.143126	0	0.136994	0.28012	0.171456	0	0.788485	0.959941	1.841431	0.332228	1.315372	4.448972	0.250188	0	0.863292	1.11348	1.841431	0.332228	1.315372	4.602511	22.18244	0	9.2017	31.38414	0.103789	0	0.003123	0.106912	1.59286	1140.376
0.150188	3.13E-07	0	0	3.13E-07	2.37E-05	0	0	2.37E-05	6.74E-06	0	0	6.74E-06	0	0	0	6.74E-06	7.68E-06	0	0	7.68E-06	0	0	0	7.68E-06	7.11E-05	0	0	7.11E-05	1.42E-06	0	0	1.42E-06	1.34E-06	0.013416
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104.203	0.000321	0	0.003417	0.003738	0.000387	0	0.001637	0.002024	0.001051	0	0.014442	0.015492	0.011335	0.002666	0.003981	0.033474	0.001533	0	0.015812	0.017345	0.011335	0.002666	0.003981	0.035326	0.159302	0	0.110842	0.270143	0.000976	0	5.41E-05	0.00103	0.014397	10.98808
89818.52	0.464651	0	1.653924	2.118575	1.130497	0	1.173659	2.304157	1.445907	0	6.636664	8.082571	9.343383	1.740285	6.889322	26.05556	2.109864	0	7.266312	9.376176	9.343383	1.740285	6.889322	27.34917	186.2374	0	81.62808	267.8655	0.862587	0	0.02536	0.887947	13.09911	9471.25
308.3114	0.000831	0	0	0.000831	0.048575	0	0	0.048575	0.017885	0	0	0.017885	0	0	0	0.017885	0.020361	0	0	0.020361	0	0	0	0.020361	0.187673	0	0	0.187673	0.002921	0	0	0.002921	0.003712	27.54133
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1040.182	0.003174	0	0.034862	0.038037	0.003821	0	0.016631	0.020452	0.010416	0	0.147885	0.158302	0.143703	0.030318	0.05438	0.386703	0.0152	0	0.161916	0.177115	0.143703	0.030318	0.05438	0.405516	1.582817	0	1.135532	2.718349	0.0097	0	0.000583	0.010283	0.143278	109.6859
9137.573	0.013483	0.035313	0.129497	0.178293	0.030229	0.001015	0.240974	0.272219	0.046616	0.121193	0.585126	0.752935	0.913646	0.145481	1.220675	3.032736	0.068023	0.176844	0.640639	0.885506	0.913646	0.145481	1.220675	3.165307	7.938987	1.531646	19.23635	28.70698	0.088474	0.000436	0.001424	0.090334	0.630231	963.5457
5309.368	0.034555	0.001483	0	0.036038	0.831075	0.005418	0	0.836493	0.743948	0.031924	0	0.775871	0	0	0	0.775871	0.846935	0.036343	0	0.883278	0	0	0	0.883278	1.862722	0.264599	0	2.127321	0.049983	0.000326	0	0.050309	2.086832	474.2838
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1260.053	0.001462	0.00413	0.014645	0.020236	0.004451	0.000118	0.028137	0.032706	0.004918	0.01405	0.064886	0.083854	0.127518	0.019624	0.168311	0.399307	0.007176	0.020501	0.071042	0.09872	0.127518	0.019624	0.168311	0.414173	0.998755	0.196459	2.501786	3.697	0.012213	6.46E-05	0.000179	0.012457	0.078343	132.871
2910.412	0.019162	0.000717	0	0.019879	0.454274	0.004262	0	0.458537	0.412544	0.015441	0	0.427985	0	0	0	0.427985	0.469654	0.017578	0	0.487233	0	0	0	0.487233	1.057386	0.127981	0	1.185367	0.027321	0.000256	0	0.027578	0.962543	259.986
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921.9518	0.650548	0	0.228319	0.878867	0.162445	0	0.008392	0.170836	3.942022	0	1.630886	5.572908	3.311316	5.93686	6.393584	21.21467	4.903661	0	1.775304	6.678965	3.311316	5.93686	6.393584	22.32072	47.11571	0	12.70937	59.82508	0.008478	0	0.000637	0.009114	0.041393	97.21867
61912.17	0.293547	0	1.065574	1.359121	0.691832	0	0.720081	1.411914	0.960801	0	4.500162	5.460963	6.575445	1.198145	4.759454	17.99401	1.401998	0	4.927111	6.329109	6.575445	1.198145	4.759454	18.86215	111.7336	0	50.11433	161.8479	0.593917	0	0.018148	0.612065	7.393012	6528.561
674.8521	0.000566	0	0	0.000566	0.106323	0	0	0.106323	0.012178	0	0	0.012178	0	0	0	0.012178	0.013864	0	0	0.013864	0	0	0	0.013864	0.359535	0	0	0.359535	0.006395	0	0	0.006395	0.006164	60.28427
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
647.0414	0.001939	0	0.021874	0.023814	0.002329	0	0.010402	0.012732	0.006384	0	0.093093	0.099477	0.096254	0.019915	0.037406	0.253052	0.009315	0	0.101926	0.11124	0.096254	0.019915	0.037406	0.264815	0.970737	0	0.714791	1.685528	0.005949	0	0.000448	0.006397	0.087936	68.22971
1017.145	0.001954	0	0.000173	0.002128	0.007463	0	0.000259	0.007722	0.005462	0	0.00062	0.006082	0.119515	0.019705	0.000655	0.145958	0.00797	0	0.000679	0.00865	0.119515	0.019705	0.000655	0.148525	0.085165	0	0.013135	0.0983	0.010054	0	1.55E-06	0.010056	0.024708	107.2567
332.8816	0.000986	0	0	0.000986	0.052446	0	0	0.052446	0.021238	0	0	0.021238	0	0	0	0.021238	0.024178	0	0	0.024178	0.067516	0	0	0.024178	0.067516	0	0	0.067516	0.003154	0	0	0.003154	0.064232	29.73618
2133.621	0.004108	0.007899	0.022391	0.034397	0.010785	0.000172	0.01639	0.027346	0.01582	0.029959	0.110624	0.156402	0.071017	0.010304	0.132612	0.370335	0.023084	0.043716	0.121119	0.187919	0.071017	0.010304	0.132612	0.401852	0.296719	0.435659	2.044794	2.777172	0.020733	0.000139	0.000222	0.021093	0.063334	224.9877
11582.59	0.003229	0.002212	0	0.005441	1.743295	0.081546	0	1.824841	0.06952	0.047627	0	0.117147	0	0	0	0.117147	0.079143	0.05422	0	0.133362	0	0	0	0.133362	0.475435	2.000259	0	2.475693	0.104779	0.004901	0	0.10968	2.422458	1034.668
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.8582	0.113372	0.06576	0	0.179133	0.030065	0.004765	0	0.034831	0.00162	0.00094	0	0.002559	0	0	0	0.002559	0.115705	0.067113	0	0.182818	0	0	0	0.182818	0.414679	0.19136	0	0.606038	0	0	0	0	0.180317	19.7486
356.7154	0.001551	0.001388	0.004827	0.007765	0.003014	2.93E-05	0.003562	0.006605	0.007308	0.005583	0.026445	0.039335	0.030661	0.005111	0.033333	0.10844	0.010663	0.008147	0.028953	0.047763	0.030661	0.005111	0.033333	0.116868	0.162629	0.043146	0.516018	0.721792	0.003458	2.61E-05	4.28E-05	0.003526	0.010313	37.61519
1073.932	0.001017	0.00052	0	0.001537	0.164739	0.004459	0	0.169198	0.021888	0.011195	0	0.033083	0	0	0	0.033083	0.024918	0.012744	0	0.037662	0	0	0	0.037662	0.09043	0.178804	0	0.269234	0.009901	0.000268	0	0.010169	0.186834	95.93394
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.54307	0.039079	0.004227	0	0.043306	0.009833	0.000266	0	0.0101	0.000558	6.04E-05	0	0.000619	0	0	0	0.000619	0.039883	0.004314	0	0.044197	0	0	0	0.044197	0.154905	0.01058	0	0.165486	0	0	0	0	0.062059	5.726423
227.4637	0.000632	0.013134	0.001412	0.015178	0.003744	0.000383	0.00157	0.005697	0.002675	0.055847	0.007713	0.066235	0.023154	0.003326	0.015932	0.108647	0.003903	0.081492	0.008445	0.09384	0.023154	0.003326	0.015932	0.136252	0.055014	0.431604	0.166679	0.653297	0.002112	0.000126	1.07E-05	0.002249	0.012199	23.98577
325.8278	0.000172	0.000107	0	0.000279	0.047188	0.004147	0	0.051334	0.003704	0.002296	0	0.006001	0	0	0	0.006001	0.004217	0.002614	0	0.006831	0	0	0	0.006831	0.020083	0.093632	0	0.113716	0.002836	0.000249	0	0.003085	0.059876	29.10607
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178.2881	0.373294	0.070115	0	0.443409	0.031708	0.004637	0	0.036345	0.005334	0.001002	0	0.006335	0	0	0	0.006335	0.380974	0.071558	0	0.452532	0	0	0	0.452532	1.142446	0.162914	0	1.305359	0	0	0	0	0.115133	20.60738
130.0132	0.000166	0	0.00023	0.000395	0.000576	0	0.000393	0.00097	0.000425	0	0.000768	0.001193	0.000708	0.000193	0.000753	0.002847	0.00062	0	0.000841	0.001461	0.000708	0.000193	0.000753	0.003115	0.098767	0	0.047391	0.146158	0.001283	0	2.78E-06	0.001285	0.008391	13.70973
45.07922	0.000129	0	0	0.000129	0.007102	0	0	0.007102	0.002774	0	0	0.002774	0	0	0	0.002774	0.003158	0	0	0.003158	0	0	0	0.003158	0.00337	0	0	0.00337	0.000427	0	0	0.000427	0.009029	4.026909
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
264.569	0.568441	0	0	0.568441	0.053934	0	0	0.053934	0.009219	0	0	0.009219	0	0	0	0.009219	0.581334	0	0	0.581334	0	0	0	0.581334	6.642554	0	0	6.642554	0	0	0	0	0.140494	30.58014

7.968987	0.00038	0	1.01E-07	0.00038	0.000466	0	1.39E-05	0.000479	0.001724	0	5.22E-07	0.001725	7.74E-05	1.08E-05	0.000147	0.00196	0.002516	0	5.72E-07	0.002516	7.74E-05	1.08E-05	0.000147	0.002752	0.133094	0	0.003669	0.136763	7.84E-05	0	3.38E-07	7.88E-05	0.000207	0.84032
89179.91	0.033543	0.13988	0	0.173423	13.14808	0.902248	0	14.05033	0.72218	3.011571	0	3.733751	0	0	0	3.733751	0.822147	3.428444	0	4.250591	0	0	0	4.250591	2.735814	44.47297	0	47.20878	0.790252	0.054229	0	0.84448	14.37802	7966.406
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1733.254	1.077682	0.441967	0	1.519649	0.313294	0.040042	0	0.353335	0.020366	0.006505	0	0.02687	1.105514	0.451275	0	0.02687	1.105514	0.451275	0	1.556789	0	0	0	1.556789	8.405149	1.634502	0	10.03965	0	0	0	0	1.128978	200.3378
128864.1	0.582432	0	2.129699	2.712132	1.763612	0	1.653819	3.41743	1.70248	0	8.170994	9.873474	13.75021	2.628749	10.17127	36.4237	2.484255	0	8.94621	11.43046	13.75021	2.628749	10.17127	37.98069	269.9516	0	106.4929	376.4445	1.239242	0	0.03471	1.273952	22.84429	13588.55
63.79449	0.000102	0	0	0.000102	0.010051	0	0	0.010051	0.002187	0	0	0.002187	0	0	0	0.002187	0.00249	0	0	0.00249	0	0	0	0.00249	0.05971	0	0	0.05971	0.000604	0	0	0.000604	0.001051	5.698736
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3206.795	0.009898	0	0.107167	0.117065	0.011982	0	0.051158	0.06314	0.032382	0	0.454124	0.486506	0.560274	0.107328	0.225472	1.37958	0.047252	0	0.497209	0.544461	0.560274	0.107328	0.225472	1.437535	4.92809	0	3.487466	8.415557	0.030214	0	0.001488	0.031702	0.446554	338.1525
10709.79	0.049488	0	0.183849	0.233337	0.13806	0	0.134794	0.272855	0.153427	0	0.735433	0.888859	1.756276	0.311291	1.261843	4.218269	0.22388	0	0.805206	1.029086	1.756276	0.311291	1.261843	4.358496	21.4828	0	8.8352	30.318	0.102795	0	0.003082	0.105877	1.59109	1129.334
0.151636	3.16E-07	0	0	3.16E-07	2.39E-05	0	0	2.39E-05	6.79E-06	0	0	6.79E-06	0	0	0	6.79E-06	7.73E-06	0	0	7.73E-06	0	0	0	7.73E-06	7.18E-05	0	0	7.18E-05	1.44E-06	0	0	1.44E-06	1.36E-06	0.013546
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106.8301	0.000329	0	0.003538	0.003866	0.000395	0	0.001692	0.002087	0.001076	0	0.014975	0.016051	0.012813	0.002868	0.004569	0.036302	0.001571	0	0.016396	0.017966	0.012813	0.002868	0.004569	0.038217	0.163211	0	0.114937	0.278149	0.001	0	5.61E-05	0.001056	0.014753	11.2651
89727.22	0.457034	0	1.634107	2.091142	1.119548	0	1.175782	2.29533	1.408305	0	6.518048	7.926354	9.300516	1.708171	6.867021	25.80206	2.054996	0	7.136442	9.191439	9.300516	1.708171	6.867021	27.06715	185.4418	0	81.14311	266.5849	0.861689	0	0.025356	0.887045	13.14026	9461.623
308.5495	0.000833	0	0	0.000833	0.048612	0	0	0.048612	0.017939	0	0	0.017939	0	0	0	0.017939	0.020423	0	0	0.020423	0	0	0	0.020423	0.18837	0	0	0.18837	0.002924	0	0	0.002924	0.003725	27.5626
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1052.296	0.003207	0	0.035514	0.038721	0.003858	0	0.016921	0.020779	0.010532	0	0.150833	0.161364	0.154995	0.031606	0.058711	0.406675	0.015368	0	0.165143	0.180511	0.154995	0.031606	0.058711	0.425822	1.600566	0	1.158188	2.758754	0.009809	0	0.000594	0.010403	0.144904	110.9633
8873.564	0.012911	0.034148	0.124447	0.171506	0.028446	0.000984	0.23345	0.26288	0.044433	0.116957	0.560396	0.721786	0.904434	0.13999	1.211898	2.978108	0.064837	0.170663	0.613563	0.849063	0.904434	0.13999	1.211898	3.105385	7.747331	1.494854	18.83291	28.0751	0.085915	0.000424	0.001385	0.087724	0.614139	935.7062
5149.528	0.0327	0.001445	0	0.034145	0.806055	0.005255	0	0.81131	0.704014	0.031103	0	0.735117	0	0	0	0.735117	0.801473	0.035409	0	0.836882	0	0	0	0.836882	1.745778	0.2578	0	2.003579	0.048478	0.000316	0	0.048794	2.039332	460.0053
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1218.804	0.001384	0.003944	0.013909	0.019236	0.004182	0.000113	0.026915	0.03121	0.004623	0.013363	0.061305	0.079291	0.12466	0.018591	0.165144	0.387685	0.006747	0.019499	0.067121	0.093366	0.12466	0.018591	0.165144	0.401761	0.972481	0.190958	2.441905	3.605344	0.011813	6.25E-05	0.000174	0.012049	0.076132	128.5214
2838.843	0.018622	0.000706	0	0.019328	0.443078	0.004183	0	0.447261	0.400927	0.015192	0	0.416118	0	0	0	0.416118	0.456428	0.017295	0	0.473723	0	0	0	0.473723	1.02295	0.125917	0	1.148868	0.026648	0.000252	0	0.026899	0.94253	253.5927
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921.7215	0.647437	0	0.226989	0.874426	0.162095	0	0.008262	0.170357	3.913764	0	1.618419	5.532183	3.306644	5.965593	6.425504	21.22992	4.872933	0	1.761821	6.634754	3.306644	5.965593	6.425504	22.33249	46.84112	0	12.75002	59.59114	0.008478	0	0.000634	0.009112	0.041448	97.19438
61782.24	0.28886	0	1.048914	1.337775	0.683366	0	0.720498	1.403864	0.937978	0	4.403739	5.341716	6.508593	1.170144	4.712478	17.73293	1.368695	0	4.82154	6.190234	6.508593	1.170144	4.712478	18.58145	111.2735	0	49.72789	161.0014	0.592663	0	0.018117	0.61078	7.414497	6514.86
667.8309	0.000547	0	0	0.000547	0.105217	0	0	0.105217	0.011772	0	0	0.011772	0	0	0	0.011772	0.013401	0	0	0.013401	0	0	0	0.013401	0.35312	0	0	0.35312	0.006328	0	0	0.006328	0.006132	59.65707
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
655.5585	0.001962	0	0.022332	0.024294	0.002354	0	0.010606	0.01296	0.006463	0	0.095172	0.101636	0.102837	0.020677	0.039785	0.264935	0.009431	0	0.104202	0.113633	0.102837	0.020677	0.039785	0.276933	0.982943	0	0.730767	1.71371	0.006024	0	0.000457	0.006481	0.089051	69.12782
1010.436	0.00194	0	0.000171	0.002111	0.00822	0	0.000241	0.008461	0.005421	0	0.000612	0.006032	0.114731	0.018471	0.000633	0.139866	0.00791	0	0.00067	0.00858	0.114731	0.018471	0.000633	0.142413	0.084419	0	0.013	0.097418	0.009988	0	1.53E-06	0.009989	0.024547	106.5492
330.4292	0.000954	0	0	0.000954	0.052059	0	0	0.052059	0.020529	0	0	0.020529	0	0	0	0.020529	0.023371	0	0	0.023371	0	0	0	0.023371	0.064403	0	0	0.064403	0.003131	0	0	0.003131	0.064555	29.51711
2048.989	0.003811	0.007621	0.021446	0.032877	0.010142	0.000164	0.015637	0.025944	0.014453	0.028889	0.105665	0.149007	0.068695	0.009658	0.128883	0.356243	0.02109	0.042155	0.11569	0.178935	0.068695	0.009658	0.128883	0.386171	0.269657	0.420123	1.952449	2.642229	0.019911	0.000133	0.000212	0.020256	0.061084	216.0633
11451.83	0.003124	0.002181	0	0.005305	1.724279	0.079961	0	1.80424	0.06726	0.046959	0	0.114219	0	0	0	0.114219	0.07657	0.05346	0	0.13003	0	0	0	0.13003	0.464944	1.975221	0	2.440165	0.103636	0.004806	0	0.108442	2.40796	1022.987
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168.6828	0.112274	0.064514	0	0.176788	0.029691	0.004696	0	0.034387	0.001604	0.000922	0	0.002526	0	0	0	0.002526	0.114584	0.065841	0	0.180425	0	0	0	0.180425	0.40953	0.189831	0	0.599362	0	0	0	0	0.178378	19.49716
342.2418	0.001443	0.001342	0.004608	0.007394	0.003215	2.8E-05	0.003413	0.006657	0.006769	0.005393	0.025217	0.037379	0.029633	0.00488	0.032296	0.104187	0.009877	0.00787	0.027609	0.045356	0.029633	0.00488	0.032296	0.112165	0.148808	0.041679	0.493361	0.683849	0.003317	2.52E-05	4.12E-05	0.003383	0.009935	36.08897
1075.096	0.000928	0.000521	0	0.001449	0.164932	0.00445	0	0.169382	0.019979	0.011225	0	0.031204	0	0	0	0.031204	0.022744	0.012779	0	0.035523	0	0	0	0.035523	0.085427	0.179454	0	0.264882	0.009913	0.000267	0	0.010181	0.187807	96.03789
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49.72086	0.039284	0.004268	0	0.043552	0.009867	0.000269	0	0.010136	0.000561	6.1E-05	0	0.000622	0	0	0	0.000622	0.040092	0.004356	0	0.044448	0	0	0	0.044448	0.15563	0.010737	0	0.166367	0	0	0	0	0.062351	5.746973
220.466	0.000609	0.012818	0.001391	0.014818	0.003609	0.000369	0.001528	0.005507	0.00258	0.054532	0.007601	0.064713	0.022838	0.003212	0.015786	0.106549	0.003765	0.079573	0.008322	0.09166	0.022838	0.003212	0.015786	0.133496	0.053551	0.42144	0.162044	0.637035	0.002047	0.000122	1.04E-05	0.00218	0.01187	23.24786
312.2611	0.000135	0.000102	0	0.000238	0.045243	0.003954	0	0.049197	0.002911	0.002203	0	0.005114	0	0	0	0.005114	0.003314	0.002508	0	0.005822	0	0	0	0.005822	0.017721	0.091148	0	0.108869	0.002719	0.000238	0	0.002957	0.05815	27.89416
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169.6262	0.350883	0.066343	0	0.417226	0.030121	0.004458	0	0.034579	0.005013	0.000948	0	0.005961	0	0	0	0.005961	0.358102	0.067708	0	0.42581	0	0	0	0.42581	1.061338	0.16034	0	1.221677	0	0	0	0	0.110432	19.6062
132.1584	0.000165	0	0.000234	0.000399	0.000584	0	0.000398	0.000981	0.000424	0	0.00078	0.001204	0.000739	0.000201	0.000777	0.00292	0.000618	0	0.000854	0.001472	0.000739	0.000201	0.000777	0.003189	0.100927	0	0.047588	0.148515	0.001304	0	2.81E-06	0.001307	0.008559	13.93594
19.4656	6.15E-05	0	0	6.15E-05	0.003067	0	0	0.003067	0.001323	0	0	0.001323	0	0	0	0.001323	0.001506	0	0	0.001506	0	0	0	0.001506	0.001786	0	0	0.001786	0.000184	0	0	0.000184	0.004175	1.738855
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152.4417	0.311579	0	0	0.311579	0.031076	0	0	0.031076	0.005587	0	0	0.005587	0	0	0	0.005587	0.319228	0	0	0.319228	0	0	0	0.319228	3.658531	0	0	3.658531	0	0	0	0	0.085	17.61994
7.703406	0.000367	0	9.66E-08	0.000367	0.000448	0	1.94E-05	0.000468	0.001662	0	5.01E-07	0.001663	7.62E-05	1.04E-05	0.000145	0.001895	0.002426	0	5.48E-07	0.002426	7.62E-05	1.04E-05	0.000145	0.002658	0.128445	0	0.003574	0.13202	7.58E-05	0	3.27E-07	7.62E-05	0.000201	0.812314
91139.99	0.034228	0.143561	0	0.177789	13.43508	0.924061	0	14.35914	0.736913	3.090833	0	3.827745	0	0	0	3.827745	0.838919	3.518678	0	4.357597	0	0	0	4.357597	2.782501	45.64726	0	48.42977	0.807502	0.05554	0	0.863041	14.73408	8141.499
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1719.798	1.054622	0.441084	0	1.495705	0.310656	0.039936	0	0.350592	0.019358	0.006466	0	0.025824	0	0	0	0.025824	1.081206	0.450345	0	1.531551	0	0	0	1.531551	8.25177	1.638571	0	9.890341	0	0	0	0	1.126417	198.7824
128844.2	0.577579	0	2.102745	2.680325	1.760197	0	1.652693	3.41289	1.679699	0	8.01588	9.69558	13.59204	2.571935	10.06678	35.92634	2.451013	0	8.77638	11.22739	13.59204	2.571935	10.06678	37.45815	269.4759	0	105.7003	375.1763	1.239049	0	0.034707	1.273756	22.89825	13586.46
62.57421	9.5E-05	0	0	9.5E-05	0.009859	0	0	0.009859	0.002046	0	0	0.002046	0	0	0	0.002046	0.002329	0	0	0.002329	0	0	0	0.002329	0.057386	0	0	0.057386	0.000593	0	0	0.000593	0.001037	5.589729
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3207.046	0.009891	0	0.107622	0.117513	0.011971	0	0.051334	0.063305	0.032376	0	0.456431	0.488808	0.569125	0.107475	0.226205	1.391613	0.047244	0	0.499735	0.546979	0.569125	0.107475	0.226205	1.449783	4.927808	0	3.505223	8.433031	0.030212	0	0.001493	0.031705	0.446666	338.179
10627.06	0.047118	0	0.176748	0.223866	0.134575	0	0.133075	0.267649	0.143263	0	0.697926	0.841189	1.691358	0.29443	1.219082	4.046059	0.209049	0	0.764141	0.97319	1.691358	0.29443	1.219082	4.178061	21.03855	0	8.584692	29.62324	0.102008	0	0.003051	0.105059	1.590389	1120.61
0.152546	3.15E-07	0	0	3.15E-07	2.4E-05	0	0	2.4E-05	6.78E-06	0	0	6.78E-06	0	0	0	6.78E-06	7.72E-06	0	0	7.72E-06	0	0	0	7.72E-06	7.17E-05	0	0	7.17E-05	1.45E-06	0	0	1.45E-06	1.37E-06	0.013627
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109.1908	0.000335	0	0.003649	0.003984	0.000403	0	0.001743	0.002145	0.001099	0	0.015471	0.01657	0.014417	0.003076	0.005203	0.039265	0.001604	0	0.016938	0.018542	0.014417	0.003076	0.005203	0.041237	0.166716	0	0.118742	0.285458	0.001022	0	5.79E-05	0.001079	0.015072	11.51403
89664.19	0.451656	0	1.618007	2.069663	1.110018	0	1.177445	2.287464	1.382197	0	6.421744	7.80394	9.265397	1.679194	6.846096	25.59463	2.016898	0	7.031001	9.047899	9.265397	1.679194	6.846096	26.83859	184.8992	0	80.80249	265.7017	0.86106	0	0.025362	0.886422	13.17712	9454.976
308.8241	0.000836	0	0	0.000836	0.048655	0	0	0.048655	0.017989	0	0	0.017989	0	0	0	0.017989	0.020479	0	0	0.020479	0	0	0	0.020479	0.189012	0	0	0.189012	0.002926	0	0	0.002926	0.003737	27.58713
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1062.972	0.003235	0	0.036103	0.039338	0.003889	0	0.017183	0.021072	0.010633	0	0.153504	0.164137	0.164797	0.032748	0.062324	0.424006	0.015515	0	0.168068	0.183583	0.164797	0.032748	0.062324	0.443452	1.616159	0	1.178725	2.794884	0.009905	0	0.000604	0.010509	0.146334	112.0891
8618.278	0.012309	0.032957	0.118718	0.163985	0.026459	0.000952	0.225891	0.253302	0.042071	0.112519	0.531448	0.686038	0.886507	0.133256	1.18933	2.895131	0.06139	0.164188	0.581868	0.807447	0.886507	0.133256	1.18933	3.016539	7.561835	1.455896	18.41322	27.43095	0.083444	0.000412	0.001345	0.0852	0.598745	908.7867
5001.652	0.030853	0.001406	0	0.032259	0.78292	0.005093	0	0.788012	0.664238	0.03028	0	0.694518	0	0	0	0.694518	0.756191	0.034472	0	0.790663	0	0	0	0.790663	1.628945	0.250978	0	1.879923	0.047087	0.000306	0	0.047393	1.995871	446.7956
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1181.016	0.001312	0.003769	0.013193	0.018274	0.003934	0.000109	0.025785	0.029828	0.004351	0.012713	0.057784	0.074847	0.121425	0.017565	0.161331	0.375168	0.006348	0.01855	0.063266	0.088165	0.121425	0.017565	0.161331	0.388486	0.947864	0.185663	2.383872	3.517398	0.011446	6.06E-05	0.000169	0.011676	0.074096	124.5366
2766.307	0.017922	0.000691	0	0.018612	0.431751	0.004081	0	0.435833	0.385841	0.014872	0	0.400713	0	0	0	0.400713	0.439254	0.01693	0	0.456185	0	0	0	0.456185	0.971611	0.123263	0	1.094875	0.025967	0.000245	0	0.026212	0.923922	247.1131
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
921.1768	0.644267	0	0.225103	0.86937	0.161725	0	0.008105	0.16983	3.884985	0	1.601073	5.486058	3.291248	5.986641	6.448069	21.21202	4.841542	0	1.743039	6.584581	3.291248	5.986641	6.448069	22.31054	46.55784	0	12.76947	59.32731	0.008477	0	0.00063	0.009107	0.041494	97.13694
61652.12	0.282472	0	1.027644	1.310117	0.671626	0	0.718771	1.390398	0.90695	0	4.276279	5.183229	6.4225	1.138577	4.654201	17.39851	1.32342	0	4.681987	6.005407	6.4225	1.138577	4.654201	18.22069	110.5664	0	49.22085	159.7873	0.591414	0	0.01808	0.609494	7.431053	6501.139
662.2669	0.000531	0	0	0.000531	0.10434	0	0	0.10434	0.011439	0	0	0.011439	0	0	0	0.011439	0.013022	0	0	0.013022	0	0	0	0.013022	0.347966	0	0	0.347966	0.006275	0	0	0.006275	0.006108	59.16004
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
663.0915	0.001981	0	0.022748	0.024729	0.002376	0	0.01079	0.013165	0.006533	0	0.097069	0.103603	0.111027	0.021556	0.04281	0.278995	0.009533	0	0.106279	0.115812	0.111027	0.021556	0.04281	0.291205	0.993697	0	0.745345	1.739041	0.00609	0	0.000465	0.006555	0.090034	69.92217
1004.109	0.001926	0	0.000169	0.002094	0.00893	0	0.000232	0.009162	0.00538	0	0.000602	0.005982	0.110055	0.017263	0.00061	0.13391	0.00785	0	0.000659	0.008509	0.110055	0.017263	0.00061	0.136438	0.083674	0	0.012864	0.096538	0.009925	0	1.52E-06	0.009927	0.024394	105.8821
328.046	0.000923	0	0	0.000923	0.051684	0	0	0.051684	0.019871	0	0	0.019871	0	0	0	0.019871	0.022622	0	0	0.022622	0	0	0	0.022622	0.061487	0	0	0.061487	0.003108	0	0	0.003108	0.064835	29.30422
1974.338	0.003537	0.007363	0.020616	0.031516	0.009472	0.000157	0.015616	0.025245	0.013214	0.027895	0.101344	0.142453	0.066202	0.00905	0.124753	0.342458	0.019282	0.040704	0.110959	0.170945	0.066202	0.00905	0.124753	0.37095	0.246968	0.405686	1.870777	2.523431	0.019187	0.000127	0.000204	0.019518	0.059087	208.1914
11352.3	0.003028	0.002155	0	0.005183	1.709959	0.0786	0	1.788559	0.065192	0.046397	0	0.111589	0	0	0	0.111589	0.074216	0.052819	0	0.127035	0	0	0	0.127035	0.455962	1.954474	0	2.410436	0.102775	0.004724	0	0.107499	2.399267	1014.096
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

166.7783	0.111335	0.063365	0	0.1747	0.029368	0.004631	0	0.033999	0.001591	0.000905	0	0.002496	0	0	0	0.002496	0.113625	0.064668	0	0.178294	0	0	0	0.178294	0.405105	0.188316	0	0.593422	0	0	0	0	0.176727	19.27703
327.3642	0.001212	0.001282	0.004304	0.006798	0.003247	2.65E-05	0.003286	0.00656	0.005576	0.00513	0.02329	0.033996	0.027899	0.004503	0.03042	0.096818	0.008137	0.007486	0.025499	0.041122	0.027899	0.004503	0.03042	0.103944	0.118633	0.039649	0.447693	0.605975	0.003174	2.38E-05	3.86E-05	0.003236	0.009555	34.52015
1076.691	0.000838	0.000523	0	0.001362	0.165184	0.004449	0	0.169633	0.018048	0.011268	0	0.029315	0	0	0	0.029315	0.020546	0.012827	0	0.033373	0	0	0	0.033373	0.080606	0.180282	0	0.260888	0.009928	0.000267	0	0.010196	0.188771	96.18038
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49.8923	0.03948	0.004307	0	0.043788	0.009899	0.000272	0	0.010171	0.000564	6.15E-05	0	0.000626	0	0	0	0.000626	0.040293	0.004396	0	0.044689	0	0	0	0.044689	0.156318	0.010887	0	0.167205	0	0	0	0	0.062621	5.766789
211.996	0.000593	0.012425	0.001357	0.014375	0.003434	0.000357	0.001431	0.005222	0.002516	0.052897	0.007418	0.062831	0.022244	0.003063	0.015452	0.10359	0.003671	0.077187	0.008122	0.08898	0.022244	0.003063	0.015452	0.129739	0.051597	0.408805	0.159056	0.619458	0.001968	0.000118	1E-05	0.002096	0.011464	22.35471
298.9038	0.000109	9.8E-05	0	0.000207	0.04333	0.003762	0	0.047092	0.002352	0.002109	0	0.004461	0	0	0	0.004461	0.002677	0.002401	0	0.005079	0	0	0	0.005079	0.015866	0.088181	0	0.104046	0.002604	0.000226	0	0.00283	0.056224	26.70096
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160.6564	0.327776	0.062336	0	0.390111	0.028485	0.004266	0	0.032751	0.004683	0.000891	0	0.005574	0	0	0	0.005574	0.334519	0.063618	0	0.398137	0	0	0	0.398137	0.978018	0.157341	0	1.135359	0	0	0	0	0.10553	18.56943
134.0311	0.000165	0	0.000233	0.000398	0.000588	0	0.0004	0.000988	0.000421	0	0.000769	0.00119	0.000753	0.000206	0.000786	0.002936	0.000615	0	0.000842	0.001456	0.000753	0.000206	0.000786	0.003203	0.10318	0	0.047618	0.150798	0.001322	0	2.82E-06	0.001325	0.00872	14.13341
2.67526	1.8E-05	0	0	1.8E-05	0.000421	0	0	0.000421	0.000388	0	0	0.000388	0	0	0	0.000388	0.000441	0	0	0.000441	0	0	0	0.000441	0.000777	0	0	0.000777	2.53E-05	0	0	2.53E-05	0.00089	0.23898
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.1815	5.43E-05	0	0	5.43E-05	0.002483	0	0	0.002483	0.001169	0	0	0.001169	0	0	0	0.001169	0.001331	0	0	0.001331	0	0	0	0.001331	0.00206	0	0	0.00206	0	0	0	0	0.01927	1.407996
7.467186	0.000354	0	1.13E-07	0.000354	0.000434	0	2.55E-05	0.000459	0.001603	0	5.91E-07	0.001603	7.4E-05	9.83E-06	0.000142	0.001829	0.002338	0	6.47E-07	0.002339	7.4E-05	9.83E-06	0.000142	0.002565	0.123975	0	0.003509	0.127483	7.35E-05	0	3.15E-07	7.38E-05	0.000196	0.787405
93240.57	0.034968	0.147429	0	0.182397	13.7428	0.947286	0	14.69009	0.75286	3.174099	0	3.926959	0	0	0	3.926959	0.857074	3.61347	0	4.470544	0	0	0	4.470544	2.834302	46.88041	0	49.71471	0.825997	0.056936	0	0.882932	15.10853	8329.143
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1708.143	1.03559	0.440601	0	1.476191	0.308349	0.039867	0	0.348216	0.018494	0.006437	0	0.024931	0	0	0	0.024931	1.061108	0.449827	0	1.510935	0	0	0	1.510935	8.113769	1.643138	0	9.756907	0	0	0	0	1.124888	197.4353
128865.4	0.574832	0	2.082488	2.657319	1.758055	0	1.652024	3.410079	1.667048	0	7.900324	9.567372	13.44974	2.521431	9.977014	35.51556	2.432553	0	8.64986	11.08241	13.44974	2.521431	9.977014	37.0306	269.2908	0	105.1854	374.4761	1.239245	0	0.034721	1.273966	22.94798	13588.7
61.65272	9E-05	0	0	9E-05	0.009713	0	0	0.009713	0.001938	0	0	0.001938	0	0	0	0.001938	0.002206	0	0	0.002206	0	0	0	0.002206	0.055615	0	0	0.055615	0.000584	0	0	0.000584	0.001026	5.507413
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3208.24	0.009889	0	0.108057	0.117946	0.011965	0	0.051505	0.06347	0.03238	0	0.458618	0.490998	0.577111	0.107722	0.226602	1.402434	0.047249	0	0.502129	0.549378	0.577111	0.107722	0.226602	1.460814	4.92902	0	3.522049	8.451069	0.030219	0	0.001497	0.031717	0.446887	338.3049
10555.96	0.045694	0	0.171118	0.216813	0.131896	0	0.131577	0.263472	0.137401	0	0.668968	0.806369	1.6344	0.279561	1.182269	3.902599	0.200495	0	0.732436	0.932931	1.6344	0.279561	1.182269	4.029161	20.73196	0	8.398424	29.13039	0.101331	0	0.003025	0.104356	1.590123	1113.113
0.153482	3.15E-07	0	0	3.15E-07	2.42E-05	0	0	2.42E-05	6.79E-06	0	0	6.79E-06	0	0	0	6.79E-06	7.73E-06	0	0	7.73E-06	0	0	0	7.73E-06	7.19E-05	0	0	7.19E-05	1.45E-06	0	0	1.45E-06	1.38E-06	0.01371
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111.3066	0.000341	0	0.003752	0.004093	0.000409	0	0.001789	0.002199	0.00112	0	0.015929	0.017049	0.016158	0.00329	0.005881	0.042377	0.001634	0	0.01744	0.019074	0.016158	0.00329	0.005881	0.044403	0.169848	0	0.122262	0.292111	0.001041	0	5.96E-05	0.0011	0.015357	11.73714
89614.67	0.44823	0	1.604201	2.052431	1.100862	0	1.17806	2.278922	1.365779	0	6.339873	7.705652	9.221073	1.650334	6.821386	25.39845	1.992941	0	6.941363	8.934304	9.221073	1.650334	6.821386	26.6271	184.5341	0	80.55749	265.0916	0.860561	0	0.025371	0.885932	13.20955	9449.755
309.1327	0.000838	0	0	0.000838	0.048704	0	0	0.048704	0.018035	0	0	0.018035	0	0	0	0.018035	0.020532	0	0	0.020532	0	0	0	0.020532	0.189607	0	0	0.189607	0.002929	0	0	0.002929	0.003748	27.6147
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1072.405	0.003259	0	0.036636	0.039895	0.003917	0	0.017418	0.021335	0.010722	0	0.155928	0.16665	0.174579	0.033865	0.065842	0.440936	0.015645	0	0.170722	0.186367	0.174579	0.033865	0.065842	0.460652	1.629893	0	1.19736	2.827253	0.009989	0	0.000613	0.010602	0.147594	113.0838
8376.383	0.011713	0.031777	0.112697	0.156187	0.02441	0.000921	0.218456	0.243787	0.039692	0.108047	0.500507	0.648247	0.862587	0.125826	1.158545	2.795205	0.057919	0.157663	0.547993	0.763574	0.862587	0.125826	1.158545	2.910532	7.385963	1.416278	17.99209	26.79434	0.081105	0.0004	0.001305	0.082809	0.58425	883.2791
4870.113	0.029342	0.001372	0	0.030714	0.76234	0.004948	0	0.767288	0.631706	0.029541	0	0.661247	0	0	0	0.661247	0.719155	0.033631	0	0.752786	0	0	0	0.752786	1.53261	0.244853	0	1.777463	0.045849	0.000298	0	0.046147	1.955795	435.0452
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1146.515	0.001251	0.003607	0.012548	0.017405	0.003727	0.000105	0.024736	0.028568	0.004119	0.012112	0.054638	0.070869	0.118099	0.016612	0.157375	0.362955	0.00601	0.017674	0.059822	0.083507	0.118099	0.016612	0.157375	0.375592	0.924462	0.180632	2.327272	3.432365	0.011112	5.87E-05	0.000164	0.011334	0.072213	120.8986
2702.306	0.01734	0.000678	0	0.018018	0.421756	0.003994	0	0.425749	0.37332	0.014594	0	0.387914	0	0	0	0.387914	0.425	0.016615	0	0.441614	0	0	0	0.441614	0.929689	0.120965	0	1.050654	0.025366	0.00024	0	0.025606	0.906759	241.3959
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
920.0138	0.640758	0	0.222163	0.862921	0.161285	0	0.007898	0.169183	3.853335	0	1.574496	5.427832	3.257153	5.993462	6.45331	21.13176	4.806799	0	1.714232	6.521031	3.257153	5.993462	6.45331	22.22496	46.24004	0	12.74909	58.98913	0.008472	0	0.000623	0.009095	0.041528	97.0143
61530.15	0.275953	0	1.004725	1.280678	0.65949	0	0.715835	1.375326	0.875027	0	4.135651	5.010678	6.334964	1.107872	4.597551	17.05107	1.276837	0	4.528018	5.804855	6.334964	1.107872	4.597551	17.84524	109.8611	0	48.73357	158.5946	0.590247	0	0.018041	0.608288	7.445163	6488.277
658.0498	0.000519	0	0	0.000519	0.103676	0	0	0.103676	0.011178	0	0	0.011178	0	0	0	0.011178	0.012726	0	0	0.012726	0	0	0	0.012726	0.344027	0	0	0.344027	0.006235	0	0	0.006235	0.006092	58.78333
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
669.7679	0.001998	0	0.023126	0.025124	0.002395	0	0.010956	0.013351	0.006595	0	0.098798	0.105393	0.119029	0.022409	0.045682	0.292514	0.009624	0	0.108172	0.117795	0.119029	0.022409	0.045682	0.304916	1.003192	0	0.758632	1.761823	0.006148	0	0.000473	0.006621	0.090902	70.62619
999.2774	0.001914	0	0.000167	0.002081	0.009459	0	0.000224	0.009683	0.005348	0	0.000595	0.005943	0.10638	0.01629	0.000592	0.129206	0.007803	0	0.000652	0.008455	0.10638	0.01629	0.000592	0.131718	0.083093	0	0.012763	0.095856	0.009877	0	1.5E-06	0.009879	0.024277	105.3726
325.7269	0.000894	0	0	0.000894	0.051318	0	0	0.051318	0.019241	0	0	0.019241	0	0	0	0.019241	0.021905	0	0	0.021905	0	0	0	0.021905	0.058706	0	0	0.058706	0.003086	0	0	0.003086	0.065081	29.09706
1909.439	0.003352	0.007131	0.01985	0.030333	0.008906	0.00015	0.015807	0.024863	0.012367	0.027001	0.097397	0.136765	0.063924	0.008521	0.120941	0.330151	0.018046	0.0394	0.106637	0.164083	0.063924	0.008521	0.120941	0.35747	0.230016	0.392717	1.802063	2.424796	0.018558	0.000123	0.000196	0.018877	0.057341	201.3479
11288.31	0.002975	0.002136	0	0.005111	1.700993	0.077485	0	1.778478	0.064051	0.045983	0	0.110034	0	0	0	0.110034	0.072917	0.052348	0	0.125265	0	0	0	0.125265	0.450554	1.9387	0	2.389253	0.102236	0.004657	0	0.106894	2.39713	1008.38
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165.2616	0.110627	0.062342	0	0.172969	0.029117	0.004573	0	0.03369	0.001581	0.000891	0	0.002471	0	0	0	0.002471	0.112903	0.063624	0	0.176528	0	0	0	0.176528	0.401649	0.18696	0	0.588609	0	0	0	0	0.175484	19.10172
315.3872	0.001043	0.001238	0.004045	0.006325	0.003237	2.54E-05	0.003224	0.006486	0.004691	0.004926	0.02174	0.031357	0.026597	0.00422	0.029025	0.091198	0.006845	0.007188	0.023802	0.037836	0.026597	0.00422	0.029025	0.097677	0.098902	0.03807	0.410077	0.547048	0.003059	2.28E-05	3.66E-05	0.003118	0.009248	33.25719
1078.667	0.000761	0.000526	0	0.001287	0.165488	0.004457	0	0.169944	0.016384	0.011324	0	0.027708	0	0	0	0.027708	0.018652	0.012892	0	0.031543	0	0	0	0.031543	0.076442	0.181299	0	0.257741	0.009946	0.000268	0	0.010214	0.189697	96.35691
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.03577	0.039657	0.00434	0	0.043998	0.009926	0.000274	0	0.0102	0.000567	6.2E-05	0	0.000629	0	0	0	0.000629	0.040473	0.00443	0	0.044903	0	0	0	0.044903	0.156907	0.011026	0	0.167933	0	0	0	0	0.062857	5.783372
202.6619	0.000552	0.011989	0.001291	0.013832	0.003217	0.000341	0.00136	0.004918	0.00234	0.051054	0.00706	0.060454	0.0215	0.002895	0.015013	0.099862	0.003414	0.074498	0.00773	0.085643	0.0215	0.002895	0.015013	0.125051	0.049664	0.394562	0.15361	0.597836	0.00188	0.000113	9.66E-06	0.002004	0.011011	21.37045
285.4633	9.21E-05	9.36E-05	0	0.000186	0.041403	0.003572	0	0.044975	0.001982	0.002016	0	0.003998	0	0	0	0.003998	0.002257	0.002295	0	0.004552	0	0	0	0.004552	0.014432	0.084835	0	0.099267	0.002488	0.000215	0	0.002703	0.054117	25.50032
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151.77	0.304913	0.058221	0	0.363134	0.026874	0.004065	0	0.030939	0.004357	0.000832	0	0.005188	0	0	0	0.005188	0.311186	0.059418	0	0.370605	0	0	0	0.370605	0.895765	0.153909	0	1.049674	0	0	0	0	0.100645	17.5423
136.315	0.000167	0	0.000237	0.000404	0.000601	0	0.000406	0.001007	0.000426	0	0.000782	0.001208	0.000838	0.00022	0.000855	0.00312	0.000621	0	0.000856	0.001478	0.000838	0.00022	0.000855	0.00339	0.105804	0	0.04809	0.153893	0.001345	0	2.86E-06	0.001348	0.008891	14.37424
2.676834	1.84E-05	0	0	1.84E-05	0.000422	0	0	0.000422	0.000395	0	0	0.000395	0	0	0	0.000395	0.00045	0	0	0.00045	0	0	0	0.00045	0.000844	0	0	0.000844	2.54E-05	0	0	2.54E-05	0.000891	0.239121
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.44155	5.62E-05	0	0	5.62E-05	0.002536	0	0	0.002536	0.001209	0	0	0.001209	0	0	0	0.001209	0.001377	0	0	0.001377	0	0	0	0.001377	0.002219	0	0	0.002219	0	0	0	0	0.019722	1.438054
7.267614	0.000344	0	9.77E-08	0.000345	0.000423	0	3.2E-05	0.000455	0.001558	0	5.07E-07	0.001558	7.12E-05	9.28E-06	0.000138	0.001776	0.002273	0	5.55E-07	0.002274	7.12E-05	9.28E-06	0.000138	0.002492	0.120211	0	0.003427	0.123638	7.15E-05	0	3.04E-07	7.18E-05	0.000191	0.766361
95468.45	0.035761	0.151476	0	0.187237	14.06925	0.971841	0	15.04109	0.769926	3.26124	0	4.031166	0	0	0	4.031166	0.876502	3.712673	0	4.589175	0	0	0	4.589175	2.890648	48.17065	0	51.0613	0.845618	0.058412	0	0.904029	15.50085	8528.159
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1699.104	1.017521	0.441142	0	1.458664	0.306515	0.039859	0	0.346373	0.017435	0.006415	0	0.02385	0	0	0	0.02385	1.041756	0.450345	0	1.492101	0	0	0	1.492101	7.993647	1.650058	0	9.643705	0	0	0	0	1.125058	196.3905
128916.5	0.572766	0	2.066822	2.639588	1.756694	0	1.652407	3.409101	1.657342	0	7.808344	9.465686	13.32369	2.481538	9.922733	35.19365	2.41839	0	8.549154	10.96754	13.32369	2.481538	9.922733	36.69551	269.2076	0	104.8166	374.0241	1.23972	0	0.03475	1.274471	22.9934	13594.08
60.95116	8.59E-05	0	0	8.59E-05	0.009603	0	0	0.009603	0.00185	0	0	0.00185	0	0	0	0.00185	0.002107	0	0	0.002107	0	0	0	0.002107	0.054214	0	0	0.054214	0.000578	0	0	0.000578	0.001018	5.444743
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3210.103	0.009889	0	0.108478	0.118367	0.011962	0	0.051672	0.063634	0.032391	0	0.460716	0.493107	0.581196	0.107815	0.226068	1.408186	0.047265	0	0.504426	0.551691	0.581196	0.107815	0.226068	1.46677	4.931276	0	3.538191	8.469467	0.030233	0	0.001502	0.031735	0.447184	338.5014
10498.55	0.044554	0	0.166532	0.211086	0.129775	0	0.130435	0.26021	0.132721	0	0.645409	0.77813	1.58194	0.267167	1.152654	3.779891	0.193666	0	0.706642	0.900308	1.58194	0.267167	1.152654	3.902069	20.48365	0	8.249917	28.73357	0.100784	0	0.003005	0.103789	1.590254	1107.059
0.154314	3.16E-07	0	0	3.16E-07	2.43E-05	0	0	2.43E-05	6.8E-06	0	0	6.8E-06	0	0	0	6.8E-06	7.74E-06	0	0	7.74E-06	0	0	0	7.74E-06	7.22E-05	0	0	7.22E-05	1.46E-06	0	0	1.46E-06	1.39E-06	0.013785
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113.1886	0.000346	0	0.003846	0.004192	0.000415	0	0.001831	0.002247	0.001138	0	0.016351	0.017489	0.017793	0.003489	0.006518	0.045289	0.001661	0	0.017902	0.019563	0.017793	0.003489	0.006518	0.047362	0.172627	0	0.125503	0.298129	0.001058	0	6.12E-05	0.001119	0.01561	11.93559
89591.62	0.445628	0	1.593533	2.039161	1.093758	0	1.179383	2.27314	1.353165	0	6.275321	7.628486	9.171729	1.626564	6.807205	25.23398	1.974536	0	6.870686	8.845222	9.171729	1.626564	6.807205	26.45072	184.2704	0	80.40122	264.6716	0.860312	0	0.025392	0.885704	13.23943	9447.325
309.4743	0.00084	0	0	0.00084	0.048758	0	0	0.048758	0.018077	0	0	0.018077	0	0	0	0.018077	0.02058	0	0	0.02058	0	0	0	0.02058	0.190167	0	0	0.190167	0.002932	0	0	0.002932	0.003758	27.64522
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1080.655	0.003281	0	0.037116	0.040397	0.00394	0	0.01763	0.02157	0.010799	0	0.158124	0.168923	0.182798	0.034826	0.068794	0.455342	0.015758	0	0.173126	0.188884	0.182798	0.034826	0.068794	0.475302	1.641853	0	1.214248	2.856101	0.010063	0	0.000621	0.010683	0.148694	113.9537
8154.532	0.011156	0.030672	0.106899	0.148727	0.02247	0.000892	0.211506	0.234868	0.037451	0.103833	0.470498	0.611782	0.834157	0.118535	1.124969	2.689443	0.054649	0.151513	0.515136	0.721297	0.834157	0.118535	1.124969	2.798958	7.223144	1.378434	17.59041	26.19199	0.078961	0.000388	0.001267	0.080616	0.570958	859.8852
4747.658	0.027894	0.001338	0	0.029232	0.74319	0.004806	0	0.747995	0.600539	0.028813	0	0.629352	0	0	0	0.629352	0.683673	0.032802	0	0.716475	0	0	0	0.716475	1.440763	0.238819	0	1.679583	0.044697	0.000289	0	0.044986	1.918527	424.1064
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1115.621	0.001197	0.00346	0.011951	0.016608	0.003541	0.000101	0.02378	0.027422	0.003912	0.011567	0.051714	0.067193	0.114563	0.015734	0.153478	0.350969	0.005709	0.016878	0.05662	0.079207	0.114563	0.015734	0.153478	0.362983	0.903158	0.175986	2.275123	3.354267	0.010813	5.7E-05	0.000159	0.011029	0.070518	117.6408
2640.323	0.016719	0.000664	0	0.017383	0.412084	0.0039	0	0.415984	0.359948	0.014298	0	0.374246	0	0	0	0.374246	0.409777	0.016278	0	0.426054	0	0	0	0.426054	0.883397	0.118511	0	1.001908	0.024784	0.000235	0	0.025018	0.890789	235.859
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
918.3578	0.63704	0	0.218405	0.855445	0.160797	0	0.00765	0.168447	3.819949	0	1.540663	5.360612	3.207018	5.989194	6.445131	21.00195	4.769992	0	1.677544	6.447535	3.207018	5.989194	6.445131	22.08888	45.9005	0	12.6977	58.5982	0.008464	0	0.000615	0.009079	0.04155	96.83968
61405.41	0.268828	0	0.97802	1.246848	0.64599	0	0.711014	1.357004	0.840081	0	3.969021	4.809102	6.214403	1.075263	4.53762	16.63639	1.225845	0	4.345578	5.571423	6.214403	1.075263	4.53762	17.39871	109.037	0	48.21323	157.2502	0.589057	0	0.017998	0.607055	7.45556	6475.124
654.7311	0.00051	0	0	0.00051	0.103153	0	0	0.103153	0.010971	0	0	0.010971	0	0	0	0.010971	0.01249	0	0	0.01249	0	0	0	0.01249	0.340923	0	0	0.340923	0.006204	0	0	0.006204	0.00608	58.48687
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
675.5789	0.002013	0	0.023465	0.025478	0.002411	0	0.011105	0.013515	0.006648	0	0.100357	0.107006	0.125576	0.023128	0.048008	0.303718	0.009701	0	0.109879	0.11958	0.125576	0.023128	0.048008	0.316292	1.011417	0	0.770614	1.782031	0.006199	0	0.00048	0.006679	0.091655	71.23895
995.9453	0.001907	0	0.000166	0.002072	0.009803	0	0.00022	0.010023	0.005326	0	0.000592	0.005917	0.103466	0.015566	0.00058	0.125529	0.007772	0	0.000648	0.008419	0.103466	0.015566	0.00058	0.128031	0.08268	0	0.012703	0.095384	0.009844	0	1.5E-06	0.009846	0.024196	105.0212
323.7982	0.000869	0	0	0.000869	0.051015	0	0	0.051015	0.018718	0	0	0.018718	0	0	0	0.018718	0.021309	0	0	0.021309	0	0	0	0.021309	0.056367	0	0	0.056367	0.003068	0	0	0.003068	0.065307	28.92476
1853.051	0.003238	0.006917	0.019182	0.029337	0.008457	0.000144	0.016083	0.024683	0.011822	0.026185	0.093979	0.131986	0.061556	0.00805	0.117384	0.318976	0.017251	0.038209	0.102895	0.158355	0.061556	0.00805	0.117384	0.345345	0.217596	0.380862	1.738435	2.336893	0.018012	0.000118	0.000189	0.018319	0.055818	195.4019
11256.83	0.002934	0.002122	0	0.005055	1.696931	0.076587	0	1.773518	0.063162	0.045678	0	0.10884	0	0	0	0.10884	0.071905	0.052001	0	0.123906	0	0	0	0.123906	0.44672	1.927263	0	2.373983	0.101992	0.004603	0	0.106595	2.401154	1005.568
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163.9587	0.110064	0.061366	0	0.17143	0.028906	0.004519	0	0.033424	0.001573	0.000877	0	0.002449	0	0	0	0.002449	0.112329	0.062629	0	0.174957	0	0	0	0.174957	0.398719	0.185716	0	0.584435	0	0	0	0	0.174459	18.95112
304.1632	0.000838	0.001188	0.003785	0.005811	0.0032	2.43E-05	0.003075	0.006299	0.003633	0.004706	0.020062	0.028401	0.024674	0.003898	0.027408	0.084382	0.005301	0.006868	0.021965	0.034134	0.024674	0.003898	0.027408	0.090114	0.076821	0.036373	0.368251	0.481445	0.002951	2.16E-05	3.44E-05	0.003007	0.008962	32.07363
1080.862	0.000682	0.000529	0	0.001211	0.165821	0.004469	0	0.17029	0.014689	0.011388	0	0.026077	0	0	0	0.026077	0.016722	0.012964	0	0.029687	0	0	0	0.029687	0.072174	0.182423	0	0.254597	0.009967	0.000269	0	0.010235	0.190613	96.55297
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.19878	0.039854	0.004372	0	0.044225	0.009957	0.000276	0	0.010233	0.000569	6.25E-05	0	0.000632	0	0	0	0.000632	0.040674	0.004462	0	0.045135	0	0	0	0.045135	0.157535	0.011167	0	0.168702	0	0	0	0	0.063114	5.802213
192.3864	0.000532	0.011469	0.001274	0.013275	0.003025	0.000322	0.001263	0.00461	0.002258	0.048888	0.006976	0.058122	0.020488	0.002703	0.014429	0.095741	0.003295	0.071337	0.007638	0.082269	0.020488	0.002703	0.014429	0.119889	0.047349	0.377821	0.146113	0.571283	0.001785	0.000108	9.2E-06	0.001902	0.010503	20.2869
272.1628	8.12E-05	8.93E-05	0	0.00017	0.039497	0.003382	0	0.042879	0.001748	0.001923	0	0.003671	0	0	0	0.003671	0.00199	0.002189	0	0.004179	0	0	0	0.004179	0.01333	0.081196	0	0.094526	0.002374	0.000203	0	0.002577	0.051941	24.31219
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143.163	0.283109	0.05417	0	0.337279	0.025323	0.003862	0	0.029185	0.004045	0.000774	0	0.004819	0	0	0	0.004819	0.288934	0.055284	0	0.344218	0	0	0	0.344218	0.818087	0.150017	0	0.968104	0	0	0	0.095833	16.54746
138.6003	0.000174	0	0.000242	0.000416	0.000628	0	0.000419	0.001046	0.000445	0	0.0008	0.001244	0.000855	0.000224	0.000872	0.003195	0.000649	0	0.000875	0.001524	0.000855	0.000224	0.000872	0.003475	0.108026	0	0.049623	0.157649	0.001367	0	2.92E-06	0.00137	0.009062	14.61523
2.678425	1.82E-05	0	0	1.82E-05	0.000422	0	0	0.000422	0.000391	0	0	0.000391	0	0	0	0.000391	0.000446	0	0	0.000446	0	0	0	0.000446	0.000809	0	0	0.000809	2.54E-05	0	0	2.54E-05	0.000891	0.239263
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.70155	5.68E-05	0	0	5.68E-05	0.002589	0	0	0.002589	0.001222	0	0	0.001222	0	0	0	0.001222	0.001391	0	0	0.001391	0	0	0	0.001391	0.002165	0	0	0.002165	0	0	0	0	0.020174	1.468106
7.10252	0.000337	0	9.64E-08	0.000337	0.000415	0	3.93E-05	0.000455	0.001524	0	5E-07	0.001524	6.92E-05	8.87E-06	0.000134	0.001736	0.002223	0	5.47E-07	0.002224	6.92E-05	8.87E-06	0.000134	0.002436	0.117292	0	0.003363	0.120655	6.99E-05	0	2.95E-07	7.02E-05	0.000187	0.748952
97822.28	0.036607	0.155693	0	0.1923	14.41431	0.997635	0	15.41194	0.788128	3.352035	0	4.140164	0	0	0	4.140164	0.897224	3.816037	0	4.713261	0	0	0	4.713261	2.951335	49.5146	0	52.46593	0.866357	0.059962	0	0.926319	15.91055	8738.426
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1691.538	1.000569	0.442392	0	1.44296	0.304941	0.03989	0	0.344831	0.016278	0.006397	0	0.022676	0	0	0	0.022676	1.023412	0.45158	0	1.474992	0	0	0	1.474992	7.884651	1.658333	0	9.542983	0	0	0	0	1.126386	195.516
128983.7	0.571177	0	2.054653	2.625831	1.755778	0	1.653511	3.409289	1.649727	0	7.734203	9.38393	13.25557	2.448519	9.883541	34.97156	2.407278	0	8.467978	10.87526	13.25557	2.448519	9.883541	36.46288	269.1863	0	104.5559	373.7423	1.240343	0	0.034792	1.275135	23.03425	13601.17
60.34065	8.17E-05	0	0	8.17E-05	0.009507	0	0	0.009507	0.00176	0	0	0.00176	0	0	0	0.00176	0.002003	0	0	0.002003	0	0	0	0.002003	0.052851	0	0	0.052851	0.000572	0	0	0.000572	0.001012	5.390207
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3212.386	0.00989	0	0.108887	0.118777	0.011961	0	0.051836	0.063797	0.032406	0	0.462738	0.495144	0.585568	0.108012	0.225991	1.414714	0.047287	0	0.50664	0.553927	0.585568	0.108012	0.225991	1.473497	4.934184	0	3.553755	8.487939	0.030251	0	0.001507	0.031758	0.447526	338.7421
10452.82	0.043618	0	0.162735	0.206352	0.128047	0	0.129557	0.257604	0.128872	0	0.625798	0.75467	1.544698	0.256659	1.128887	3.684914	0.18805	0	0.68517	0.87322	1.544698	0.256659	1.128887	3.803464	20.28069	0	8.129394	28.41009	0.100347	0	0.002989	0.103337	1.590832	1102.237
0.154843	3.15E-07	0	0	3.15E-07	2.44E-05	0	0	2.44E-05	6.78E-06	0	0	6.78E-06	0	0	0	6.78E-06	7.71E-06	0	0	7.71E-06	0	0	0	7.71E-06	7.2E-05	0	0	7.2E-05	1.47E-06	0	0	1.47E-06	1.39E-06	0.013832
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114.854	0.000351	0	0.003931	0.004282	0.00042	0	0.00187	0.00229	0.001154	0	0.016738	0.017892	0.019445	0.003685	0.007165	0.048187	0.001684	0	0.018326	0.02001	0.019445	0.003685	0.007165	0.050305	0.175078	0	0.128473	0.303551	0.001073	0	6.26E-05	0.001135	0.015833	12.11121
89575.11	0.443289	0	1.584323	2.027612	1.087304	0	1.180726	2.26803	1.341905	0	6.218781	7.560686	9.146925	1.604699	6.794413	25.10672	1.958105	0	6.808782	8.766887	9.146925	1.604699	6.794413	26.31292	184.0118	0	80.27539	264.2871	0.860125	0	0.025416	0.885541	13.26584	9445.583
309.8169	0.000841	0	0	0.000841	0.048812	0	0	0.048812	0.018116	0	0	0.018116	0	0	0	0.018116	0.020623	0	0	0.020623	0	0	0	0.020623	0.190676	0	0	0.190676	0.002936	0	0	0.002936	0.003767	27.67582
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1087.83	0.003299	0	0.03755	0.040849	0.00396	0	0.01782	0.021781	0.010865	0	0.160115	0.17098	0.190823	0.035745	0.071724	0.469271	0.015855	0	0.175305	0.19116	0.190823	0.035745	0.071724	0.489451	1.652206	0	1.229553	2.881759	0.010126	0	0.000628	0.010754	0.149646	114.7104
7960.874	0.010685	0.029702	0.102419	0.142806	0.021032	0.000867	0.205653	0.227551	0.035588	0.100185	0.448017	0.58379	0.810033	0.112186	1.093102	2.599112	0.05193	0.14619	0.490522	0.688642	0.810033	0.112186	1.093102	2.703963	7.080863	1.344942	17.22951	25.65531	0.077091	0.000377	0.001233	0.078701	0.55921	839.4643
4634.076	0.026768	0.001306	0	0.028074	0.725429	0.004672	0	0.730101	0.576301	0.028122	0	0.604423	0	0	0	0.604423	0.656081	0.032015	0	0.688096	0	0	0	0.688096	1.363323	0.23309	0	1.596413	0.043629	0.000281	0	0.04391	1.882738	413.9602
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1087.671	0.00115	0.003326	0.011435	0.015911	0.003392	9.76E-05	0.022914	0.026403	0.003738	0.01107	0.049224	0.064032	0.111235	0.014913	0.149367	0.339547	0.005454	0.016153	0.053895	0.075502	0.111235	0.014913	0.149367	0.351017	0.88333	0.171653	2.225319	3.280302	0.010542	5.54E-05	0.000155	0.010753	0.068965	114.6936
2585.67	0.016239	0.000652	0	0.016892	0.403554	0.00382	0	0.407373	0.349625	0.014041	0	0.363666	0	0	0	0.363666	0.398025	0.015985	0	0.41401	0	0	0	0.41401	0.844332	0.116378	0	0.96071	0.024271	0.00023	0	0.024501	0.876308	230.9769
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916.2206	0.633082	0	0.213815	0.846897	0.160259	0	0.00736	0.167619	3.784474	0	1.499383	5.283857	3.14228	5.974485	6.424318	20.82494	4.730789	0	1.63277	6.363559	3.14228	5.974485	6.424318	21.90464	45.53691	0	12.61678	58.15369	0.008455	0	0.000603	0.009058	0.041562	96.61432
61296.32	0.262164	0	0.953562	1.215726	0.633366	0	0.706545	1.339911	0.807533	0	3.815737	4.62327	6.125262	1.04537	4.483698	16.2776	1.178351	0	4.177752	5.356103	6.125262	1.04537	4.483698	17.01043	108.1897	0	47.73577	155.9255	0.588013	0	0.017963	0.605977	7.464096	6463.621
652.159	0.000502	0	0	0.000502	0.102748	0	0	0.102748	0.010805	0	0	0.010805	0	0	0	0.010805	0.0123	0	0	0.0123	0	0	0	0.0123	0.338498	0	0	0.338498	0.00618	0	0	0.00618	0.006072	58.2571
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680.6033	0.002025	0	0.023769	0.025794	0.002424	0	0.011237	0.013661	0.006694	0	0.101757	0.108452	0.131734	0.023798	0.05022	0.314203	0.009768	0	0.111412	0.12118	0.131734	0.023798	0.05022	0.326931	1.01849	0	0.781376	1.799866	0.006242	0	0.000486	0.006728	0.092304	71.76877
992.7505	0.001902	0	0.000165	0.002067	0.009985	0	0.000216	0.010201	0.005313	0	0.000589	0.005901	0.101016	0.014869	0.000568	0.122355	0.007752	0	0.000645	0.008397	0.101016	0.014869	0.000568	0.12485	0.082336	0	0.012664	0.094999	0.009813	0	1.49E-06	0.009814	0.024118	104.6843
322.1066	0.000848	0	0	0.000848	0.050748	0	0	0.050748	0.018259	0	0	0.018259	0	0	0	0.018259	0.020786	0	0	0.020786	0	0	0	0.020786	0.054327	0	0	0.054327	0.003052	0	0	0.003052	0.0655	28.77366
1804.806	0.003211	0.006725	0.018608	0.028544	0.00813	0.000139	0.016213	0.024482	0.01165	0.025456	0.091093	0.128199	0.059574	0.007634	0.113931	0.309337	0.016999	0.037146	0.099735	0.15388	0.059574	0.007634	0.113931	0.335019	0.207986	0.370291	1.691263	2.26954	0.017544	0.000115	0.000183	0.017842	0.05451	190.3145
11258	0.002905	0.002113	0	0.005018	1.697791	0.075911	0	1.773702	0.06255	0.045486	0	0.108036	0	0	0	0.108036	0.071208	0.051782	0	0.12299	0	0	0	0.12299	0.444357	1.920315	0	2.364672	0.102044	0.004563	0	0.106607	2.411155	1005.672
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162.782	0.109576	0.060441	0	0.170017	0.028718	0.004466	0	0.033184	0.001566	0.000864	0	0.002429	0	0	0	0.002429	0.11183	0.061684	0	0.173515	0	0	0	0.173515	0.396131	0.18447	0	0.580601	0	0	0	0	0.173576	18.81512
294.3136	0.00065	0.001145	0.003512	0.005307	0.003077	2.34E-05	0.002975	0.006074	0.002654	0.004503	0.01835	0.025507	0.023287	0.003592	0.025858	0.078244	0.003873	0.006571	0.020091	0.030534	0.023287	0.003592	0.025858	0.083271	0.055355	0.034802	0.327136	0.417294	0.002857	2.06E-05	3.24E-05	0.00291	0.008713	31.035
1083.044	0.000602	0.000532	0	0.001135	0.166148	0.004486	0	0.170634	0.01297	0.011461	0	0.024431	0	0	0	0.024431	0.014765	0.013048	0	0.027813	0	0	0	0.027813	0.067869	0.183665	0	0.251534	0.009986	0.00027	0	0.010256	0.191485	96.74792
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50.39943	0.040092	0.0044	0	0.044492	0.009996	0.000279	0	0.010274	0.000573	6.29E-05	0	0.000636	0	0	0	0.000636	0.040917	0.004491	0	0.045408	0	0	0	0.045408	0.1583	0.011308	0	0.169607	0	0	0	0	0.063428	5.825406
175.8866	0.000499	0.01061	0.001166	0.012275	0.00266	0.000293	0.001118	0.004071	0.002123	0.045251	0.006389	0.053762	0.018624	0.002368	0.013202	0.087957	0.003097	0.06603	0.006995	0.076122	0.018624	0.002368	0.013202	0.110317	0.043428	0.349712	0.137972	0.531112	0.001631	9.93E-05	8.51E-06	0.001739	0.009674	18.54702
258.9256	7.41E-05	8.51E-05	0	0.000159	0.037597	0.003197	0	0.040794	0.001595	0.001831	0	0.003426	0	0	0	0.003426	0.001816	0.002085	0	0.0039	0	0	0	0.0039	0.012442	0.077451	0	0.089893	0.00226	0.000192	0	0.002452	0.049721	23.12973
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134.9216	0.262863	0.050319	0	0.313183	0.023844	0.00366	0	0.027505	0.003756	0.000719	0	0.004475	0	0	0	0.004475	0.268271	0.051355	0	0.319626	0	0	0	0.319626	0.74725	0.145657	0	0.892907	0	0	0	0	0.091109	15.59488
140.8859	0.000183	0	0.000249	0.000432	0.000653	0	0.000433	0.001086	0.00047	0	0.000822	0.001292	0.000836	0.000224	0.000863	0.003215	0.000685	0	0.0009	0.001586	0.000836	0.000224	0.000863	0.003509	0.110551	0	0.051418	0.161968	0.00139	0	2.98E-06	0.001393	0.009233	14.85625
2.679978	1.83E-05	0	0	1.83E-05	0.000422	0	0	0.000422	0.000394	0	0	0.000394	0	0	0	0.000394	0.000449	0	0	0.000449	0	0	0	0.000449	0.00083	0	0	0.00083	2.54E-05	0	0	2.54E-05	0.000892	0.239401
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12.96142	5.79E-05	0	0	5.79E-05	0.002642	0	0	0.002642	0.001247	0	0	0.001247	0	0	0	0.001247	0.001419	0	0	0.001419	0	0	0	0.001419	0.002208	0	0	0.002208	0	0	0	0	0.020626	1.498143
6.967688	0.000332	0	3.02E-09	0.000332	0.000414	0	4.58E-05	0.000459	0.001502	0	1.62E-08	0.001503	6.68E-05	8.49E-06	0.00013	0.001708	0.002192	0	1.78E-08	0.002192	6.68E-05	8.49E-06	0.00013	0.002398	0.115938	0	0.003283	0.11922	6.86E-05	0	2.86E-07	6.89E-05	0.000184	0.734734
100295.7	0.037515	0.160073	0	0.197587	14.77704	1.024591	0	15.80163	0.807679	3.446321	0	4.254	0	0	0	4.254	0.919481	3.923374	0	4.842855	0	0	0	4.842855	3.0167	50.90961	0	53.92631	0.888159	0.061582	0	0.949741	16.33736	8959.377
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1687.097	0.987809	0.444486	0	1.432295	0.303939	0.039987	0	0.343926	0.015585	0.006406	0	0.021992	0	0	0	0.021992	1.009808	0.453694	0	1.463502	0	0	0	1.463502	7.788209	1.668657	0	9.456866	0	0	0	1.12929	195.0027
129063.9	0.569993	0	2.045388	2.615381	1.755273	0	1.655143	3.410416	1.643905	0	7.675458	9.319363	13.18502	2.41976	9.854049	34.77819	2.398782	0	8.40366	10.80244	13.18502	2.41976	9.854049	36.26127	269.2247	0	104.3835	373.6082	1.241087	0	0.034841	1.275928	23.07184	13609.63
59.81339	7.77E-05	0	0	7.77E-05	0.009424	0	0	0.009424	0.001672	0	0	0.001672	0	0	0	0.001672	0.001903	0	0	0.001903	0	0	0	0.001903	0.05158	0	0	0.05158	0.000567	0	0	0.000567	0.001006	5.343107

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3215.128	0.009893	0	0.109289	0.119182	0.011963	0	0.051998	0.063961	0.032426	0	0.464712	0.497138	0.589692	0.108294	0.226279	1.421404	0.047316	0	0.508802	0.556117	0.589692	0.108294	0.226279	1.480383	4.937803	0	3.568948	8.506751	0.030273	0	0.001512	0.031785	0.447923	339.0312
10423	0.043097	0	0.160327	0.203424	0.127164	0	0.129147	0.256311	0.12676	0	0.613558	0.740318	1.518993	0.249543	1.113675	3.622529	0.184967	0	0.671769	0.856736	1.518993	0.249543	1.113675	3.738948	20.17136	0	8.057969	28.22933	0.100061	0	0.002981	0.103042	1.592459	1099.092
0.155705	3.17E-07	0	0	3.17E-07	2.45E-05	0	0	2.45E-05	6.82E-06	0	0	6.82E-06	0	0	0	6.82E-06	7.77E-06	0	0	7.77E-06	0	0	0	7.77E-06	7.27E-05	0	0	7.27E-05	1.48E-06	0	0	1.48E-06	1.4E-06	0.013909
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116.3245	0.000355	0	0.00401	0.004364	0.000425	0	0.001905	0.00233	0.001168	0	0.017091	0.018259	0.0211	0.003875	0.007815	0.051048	0.001705	0	0.018712	0.020417	0.0211	0.003875	0.007815	0.053206	0.177236	0	0.131185	0.308421	0.001086	0	6.39E-05	0.00115	0.01603	12.26627
89566.15	0.441001	0	1.575956	2.016958	1.081009	0	1.18187	2.262879	1.330939	0	6.166484	7.497423	9.11276	1.584509	6.783568	24.97826	1.942102	0	6.751524	8.693627	9.11276	1.584509	6.783568	26.17446	183.761	0	80.15971	263.9208	0.86001	0	0.025442	0.885453	13.28981	9444.638
310.1568	0.000843	0	0	0.000843	0.048865	0	0	0.048865	0.01815	0	0	0.01815	0	0	0	0.01815	0.020663	0	0	0.020663	0	0	0	0.020663	0.191143	0	0	0.191143	0.002939	0	0	0.002939	0.003775	27.70618
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1094.066	0.003314	0	0.03794	0.041254	0.003977	0	0.017991	0.021968	0.010923	0	0.161912	0.172835	0.198503	0.03661	0.074557	0.482505	0.015939	0	0.177274	0.193212	0.198503	0.03661	0.074557	0.502882	1.661161	0	1.24338	2.904541	0.010181	0	0.000635	0.010816	0.150472	115.3679
7774.569	0.010195	0.028718	0.097642	0.136555	0.019482	0.000841	0.199773	0.220096	0.03362	0.096411	0.423632	0.553663	0.777761	0.104931	1.051892	2.488247	0.049059	0.140683	0.463823	0.653565	0.777761	0.104931	1.051892	2.588149	6.949901	1.310556	16.86822	25.12868	0.075293	0.000367	0.0012	0.07686	0.548077	819.8186
4528.73	0.025756	0.001275	0	0.027031	0.70896	0.004543	0	0.713503	0.554518	0.027452	0	0.58197	0	0	0	0.58197	0.631282	0.031252	0	0.662534	0	0	0	0.662534	1.291549	0.227534	0	1.519083	0.042639	0.000273	0	0.042912	1.849173	404.5497
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1062.543	0.001109	0.003204	0.010959	0.015272	0.003261	9.44E-05	0.022132	0.025487	0.003584	0.010616	0.046922	0.061122	0.107605	0.014137	0.145021	0.327884	0.005229	0.015491	0.051373	0.072094	0.107605	0.014137	0.145021	0.338856	0.865173	0.167622	2.178415	3.21121	0.010299	5.4E-05	0.000151	0.010504	0.067557	112.0439
2533.694	0.015769	0.00064	0	0.016409	0.395446	0.003738	0	0.399185	0.339498	0.01378	0	0.353278	0	0	0	0.353278	0.386496	0.015687	0	0.402183	0	0	0	0.402183	0.805008	0.114214	0	0.919221	0.023783	0.000225	0	0.024008	0.862684	226.3339
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
913.7796	0.629077	0	0.208648	0.837725	0.159706	0	0.00704	0.166746	3.748547	0	1.452831	5.201378	3.066314	5.951877	6.394063	20.61363	4.691036	0	1.582274	6.27331	3.066314	5.951877	6.394063	21.68556	45.16734	0	12.51437	57.68171	0.008443	0	0.00059	0.009034	0.041567	96.35692
61194.17	0.256469	0	0.931861	1.18833	0.622594	0	0.70291	1.325504	0.780235	0	3.681282	4.461517	6.025611	1.016103	4.431222	15.93445	1.138517	0	4.030541	5.169058	6.025611	1.016103	4.431222	16.64199	107.0096	0	47.27965	154.2893	0.587036	0	0.017931	0.604967	7.470732	6452.849
650.2453	0.000496	0	0	0.000496	0.102446	0	0	0.102446	0.010671	0	0	0.010671	0	0	0	0.010671	0.012148	0	0	0.012148	0	0	0	0.012148	0.336622	0	0	0.336622	0.006161	0	0	0.006161	0.006067	58.08616
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
684.9699	0.002036	0	0.02404	0.026076	0.002436	0	0.011355	0.013791	0.006734	0	0.103016	0.10975	0.13746	0.02442	0.052306	0.323936	0.009826	0	0.11279	0.122616	0.13746	0.02442	0.052306	0.336802	1.024606	0	0.791054	1.81566	0.00628	0	0.000492	0.006772	0.092865	72.22922
990.1629	0.001723	0	0.00017	0.001893	0.010055	0	0.000212	0.010268	0.004809	0	0.000592	0.0054	0.09881	0.014276	0.000559	0.119045	0.007017	0	0.000648	0.007665	0.09881	0.014276	0.000559	0.121309	0.082733	0	0.011976	0.094709	0.009787	0	1.48E-06	0.009789	0.024054	104.4114
320.5971	0.000834	0	0	0.000834	0.05051	0	0	0.05051	0.017952	0	0	0.017952	0	0	0	0.017952	0.020438	0	0	0.020438	0	0	0	0.020438	0.052782	0	0	0.052782	0.003038	0	0	0.003038	0.065665	28.63881
1763.482	0.00309	0.006553	0.018192	0.027834	0.00788	0.000134	0.016499	0.024513	0.011259	0.024793	0.088942	0.124994	0.057303	0.007245	0.110202	0.299744	0.016429	0.036178	0.097381	0.149988	0.057303	0.007245	0.110202	0.324737	0.202657	0.360656	1.603453	2.166766	0.017145	0.000111	0.000177	0.017434	0.053388	185.957
11290.63	0.002888	0.002109	0	0.004997	1.703377	0.075466	0	1.778843	0.06218	0.045411	0	0.10759	0	0	0	0.10759	0.070787	0.051697	0	0.122483	0	0	0	0.122483	0.443396	1.91818	0	2.361576	0.10238	0.004536	0	0.106916	2.427008	1008.587
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161.8305	0.109222	0.059613	0	0.168835	0.028571	0.004419	0	0.03299	0.001561	0.000852	0	0.002412	0	0	0	0.002412	0.111469	0.06084	0	0.172308	0	0	0	0.172308	0.394117	0.183348	0	0.577465	0	0	0	0	0.172928	18.70514
285.2717	0.000413	0.001101	0.003276	0.00479	0.002859	2.26E-05	0.002883	0.005764	0.001491	0.004298	0.01679	0.022579	0.021619	0.003273	0.024199	0.071671	0.002176	0.006272	0.018383	0.02683	0.021619	0.003273	0.024199	0.075923	0.033113	0.033219	0.277645	0.343977	0.002771	1.95E-05	3.01E-05	0.00282	0.008486	30.08155
1085.289	0.000547	0.000536	0	0.001083	0.166483	0.004505	0	0.170988	0.011777	0.01154	0	0.023317	0	0	0	0.023317	0.013407	0.013138	0	0.026545	0	0	0	0.026545	0.064551	0.18495	0	0.249501	0.010006	0.000271	0	0.010277	0.192292	96.9484
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.57844	0.040344	0.004418	0	0.044762	0.01003	0.00028	0	0.010311	0.000576	6.31E-05	0	0.00064	0	0	0	0.00064	0.041174	0.004509	0	0.045683	0	0	0	0.045683	0.159037	0.011445	0	0.170483	0	0	0	0	0.063738	5.846096
152.2894	0.000425	0.009373	0.001016	0.010813	0.002099	0.000253	0.000901	0.003254	0.001807	0.040002	0.005573	0.047381	0.015653	0.001902	0.011261	0.076197	0.002636	0.05837	0.006102	0.067108	0.015653	0.001902	0.011261	0.095924	0.037296	0.309144	0.11781	0.46425	0.001412	8.66E-05	7.38E-06	0.001506	0.008484	16.05873
246.0134	6.9E-05	8.09E-05	0	0.00015	0.035741	0.003018	0	0.03876	0.001485	0.001742	0	0.003227	0	0	0	0.003227	0.001691	0.001983	0	0.003674	0	0	0	0.003674	0.011692	0.073727	0	0.085419	0.002148	0.000181	0	0.00233	0.047535	21.97628
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127.3142	0.244949	0.046812	0	0.291762	0.022487	0.003467	0	0.025954	0.0035	0.000669	0	0.004169	0	0	0	0.004169	0.249988	0.047776	0	0.297764	0	0	0	0.297764	0.686057	0.14095	0	0.827007	0	0	0	0	0.086641	14.71558
143.1699	0.000188	0	0.000254	0.000442	0.000669	0	0.000443	0.001111	0.000482	0	0.00084	0.001322	0.000868	0.000232	0.000892	0.003315	0.000703	0	0.00092	0.001623	0.000868	0.000232	0.000892	0.003616	0.112799	0	0.052572	0.165371	0.001412	0	3.03E-06	0.001415	0.009404	15.09709
2.681559	1.87E-05	0	0	1.87E-05	0.000422	0	0	0.000422	0.000402	0	0	0.000402	0	0	0	0.000402	0.000457	0	0	0.000457	0	0	0	0.000457	0.000899	0	0	0.000899	2.54E-05	0	0	2.54E-05	0.000892	0.239543
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13.22121	5.89E-05	0	0	5.89E-05	0.002695	0	0	0.002695	0.001269	0	0	0.001269	0	0	0	0.001269	0.001445	0	0	0.001445	0	0	0	0.001445	0.002258	0	0	0.002258	0	0	0	0	0.021078	1.52817
6.855846	0.000327	0	3.11E-07	0.000328	0.000412	0	5.26E-05	0.000465	0.00148	0	1.77E-06	0.001482	6.44E-05	8.12E-06	0.000125	0.00168	0.002159	0	1.94E-06	0.002161	6.44E-05	8.12E-06	0.000125	0.002359	0.113559	0	0.003212	0.116771	6.75E-05	0	2.79E-07	6.78E-05	0.000181	0.72294
102889.1	0.038466	0.164616	0	0.203082	15.1575	1.052725	0	16.21022	0.828161	3.54414	0	4.3723	0	0	0	4.3723	0.942798	4.034733	0	4.977531	0	0	0	4.977531	3.085877	52.35661	0	55.44249	0.911026	0.063273	0	0.974298	16.78114	9191.045
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1684.188	0.97424	0.447415	0	1.421655	0.303201	0.040132	0	0.343333	0.014589	0.006417	0	0.021006	0	0	0	0.021006	0.995046	0.456648	0	1.451694	0	0	0	1.451694	7.701985	1.680925	0	9.38291	0	0	0	0	1.133452	194.6665
129149.6	0.5698	0	2.041924	2.611725	1.756554	0	1.658777	3.41533	1.642642	0	7.651951	9.294594	13.15407	2.401434	9.840836	34.69094	2.39694	0	8.377924	10.77486	13.15407	2.401434	9.840836	36.17121	269.4206	0	104.3696	373.7902	1.241877	0	0.034898	1.276775	23.10821	13618.66
59.4737	7.55E-05	0	0	7.55E-05	0.00937	0	0	0.00937	0.001626	0	0	0.001626	0	0	0	0.001626	0.001851	0	0	0.001851	0	0	0	0.001851	0.050858	0	0	0.050858	0.000564	0	0	0.000564	0.001002	5.312762
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3218.116	0.009897	0	0.109686	0.119583	0.011966	0	0.05216	0.064125	0.032448	0	0.466657	0.499105	0.594081	0.108652	0.226885	1.428722	0.047348	0	0.510931	0.558278	0.594081	0.108652	0.226885	1.487896	4.941793	0	3.583912	8.525705	0.030297	0	0.001517	0.031814	0.448346	339.3463
10400.44	0.042894	0	0.158834	0.201728	0.126936	0	0.129064	0.256	0.125969	0	0.606296	0.732266	1.502649	0.244356	1.102463	3.581734	0.183814	0	0.663818	0.847632	1.502649	0.244356	1.102463	3.697101	20.12155	0	8.013972	28.13552	0.099843	0	0.002976	0.102819	1.594749	1096.714
0.156454	3.19E-07	0	0	3.19E-07	2.46E-05	0	0	2.46E-05	6.86E-06	0	0	6.86E-06	0	0	0	6.86E-06	7.81E-06	0	0	7.81E-06	0	0	0	7.81E-06	7.32E-05	0	0	7.32E-05	1.48E-06	0	0	1.48E-06	1.41E-06	0.013976
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117.6152	0.000358	0	0.00408	0.004439	0.000429	0	0.001936	0.002365	0.00118	0	0.017412	0.018593	0.022762	0.00406	0.008471	0.053886	0.001723	0	0.019064	0.020787	0.022762	0.00406	0.008471	0.05608	0.179123	0	0.133653	0.312776	0.001098	0	6.51E-05	0.001163	0.016202	12.40238
89558.56	0.441045	0	1.573122	2.014167	1.08128	0	1.186026	2.267306	1.330543	0	6.148522	7.479065	9.085597	1.568101	6.773133	24.9059	1.941525	0	6.731857	8.673383	9.085597	1.568101	6.773133	26.10021	183.8416	0	80.17191	264.0135	0.859906	0	0.025472	0.885378	13.31511	9443.838
310.485	0.000844	0	0	0.000844	0.048917	0	0	0.048917	0.018181	0	0	0.018181	0	0	0	0.018181	0.020698	0	0	0.020698	0	0	0	0.020698	0.191571	0	0	0.191571	0.002942	0	0	0.002942	0.003783	27.7355
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1099.448	0.003327	0	0.038291	0.041618	0.003991	0	0.018143	0.022134	0.010972	0	0.163536	0.174508	0.205868	0.037425	0.077296	0.495097	0.01601	0	0.179051	0.195061	0.205868	0.037425	0.077296	0.51565	1.668847	0	1.255869	2.924716	0.010228	0	0.000641	0.010869	0.151182	115.9354
7614.124	0.009862	0.02785	0.094439	0.13215	0.01845	0.00082	0.193201	0.212472	0.032349	0.093182	0.408236	0.533767	0.748771	0.099462	1.015124	2.397124	0.047204	0.135971	0.446967	0.630142	0.748771	0.099462	1.015124	2.493498	6.835801	1.280601	16.57309	24.68949	0.073746	0.000357	0.00117	0.075273	0.538386	802.8999
4433.319	0.024647	0.001245	0	0.025893	0.694049	0.004422	0	0.698471	0.530644	0.026812	0	0.557457	0	0	0	0.557457	0.604103	0.030524	0	0.634627	0	0	0	0.634627	1.227769	0.222235	0	1.450004	0.041742	0.000266	0	0.042008	1.817898	396.0266
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1039.494	0.001075	0.003089	0.010538	0.014702	0.003151	9.15E-05	0.021356	0.024599	0.003456	0.010192	0.044918	0.058566	0.103853	0.013402	0.140305	0.316127	0.005043	0.014872	0.049179	0.069094	0.103853	0.013402	0.140305	0.326655	0.848304	0.163778	2.13408	3.146162	0.010077	5.26E-05	0.000147	0.010276	0.066257	109.6133
2484.238	0.015109	0.000628	0	0.015737	0.387734	0.003659	0	0.391393	0.325278	0.013523	0	0.3388	0	0	0	0.3388	0.370307	0.015395	0	0.385702	0	0	0	0.385702	0.767965	0.112082	0	0.880047	0.023319	0.00022	0	0.023539	0.850208	221.916
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
911.9217	0.625913	0	0.204991	0.830904	0.159288	0	0.006757	0.166045	3.719802	0	1.419581	5.139384	3.010505	5.942599	6.380343	20.47283	4.659641	0	1.54624	6.205881	3.010505	5.942599	6.380343	21.53933	44.90751	0	12.46974	57.37726	0.008435	0	0.00058	0.009015	0.041579	96.161
61103.36	0.255546	0	0.927293	1.182839	0.620742	0	0.704599	1.325341	0.776434	0	3.656696	4.433131	5.942678	0.994282	4.386871	15.75696	1.132971	0	4.003622	5.136593	5.942678	0.994282	4.386871	16.46042	106.8388	0	47.15549	153.9942	0.58616	0	0.017908	0.604069	7.482306	6443.273
648.816	0.000491	0	0	0.000491	0.102221	0	0	0.102221	0.01056	0	0	0.01056	0	0	0	0.01056	0.012022	0	0	0.012022	0	0	0	0.012022	0.335139	0	0	0.335139	0.006148	0	0	0.006148	0.006065	57.95847
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
688.7624	0.002045	0	0.024285	0.02633	0.002446	0	0.011461	0.013906	0.006767	0	0.104153	0.11092	0.142837	0.024997	0.054279	0.333033	0.009875	0	0.114034	0.123909	0.142837	0.024997	0.054279	0.346022	1.029885	0	0.799792	1.829677	0.006312	0	0.000497	0.006809	0.093351	72.62913
987.6985	0.001513	0	0.000174	0.001686	0.009937	0	0.000209	0.010146	0.004206	0	0.000586	0.004792	0.096919	0.013761	0.00055	0.116022	0.006137	0	0.000642	0.006779	0.096919	0.013761	0.00055	0.118009	0.082098	0	0.011077	0.093175	0.009763	0	1.46E-06	0.009764	0.023994	104.1516
319.1203	0.00082	0	0	0.00082	0.050278	0	0	0.050278	0.017664	0	0	0.017664	0	0	0	0.017664	0.020109	0	0	0.020109	0	0	0	0.020109	0.05131	0	0	0.05131	0.003024	0	0	0.003024	0.065799	28.50689
1728.24	0.002921	0.006402	0.017772	0.027095	0.007665	0.00013	0.016881	0.024675	0.010706	0.024188	0.086758	0.121652	0.055062	0.006868	0.106164	0.289745	0.015622	0.035295	0.094989	0.145906	0.055062	0.006868	0.106164	0.313999	0.193759	0.351875	1.495462	2.041097	0.016806	0.000108	0.000171	0.017085	0.052432	182.2407
11352.95	0.002882	0.002111	0	0.004993	1.713413	0.075249	0	1.788662	0.062052	0.045451	0	0.107503	0	0	0	0.107503	0.070642	0.051742	0	0.122384	0	0	0	0.122384	0.443885	1.920753	0	2.364638	0.102983	0.004523	0	0.107506	2.448333	1014.155
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161.1393	0.109022	0.058903	0	0.167925	0.028471	0.004378	0	0.032849	0.001558	0.000842	0	0.002399	0	0	0	0.002399	0.111265	0.060115	0	0.171379	0	0	0	0.171379	0.392763	0.182394	0	0.575157	0	0	0	0	0.172547	18.62525
277.082	0.000342	0.001058	0.003054	0.004454	0.002759	2.17E-05	0.002701	0.005482	0.00124	0.004095	0.01551	0.020845	0.020099	0.002997	0.022564	0.066505	0.001809	0.005975	0.016981	0.024766	0.020099	0.002997	0.022564	0.070426	0.031203	0.031646	0.253206	0.316054	0.002692	1.84E-05	2.83E-05	0.002739	0.00828	29.21795
1087.632	0.000511	0.00054	0	0.001051	0.166833	0.004524	0	0.171357	0.010998	0.01162	0	0.022619	0	0	0	0.022619	0.012521	0.013229	0	0.02575	0	0	0	0.02575	0.062267	0.186207	0	0.248474	0.010027	0.000272	0	0.010299	0.192999	97.15772
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.76073	0.040628	0.004429	0	0.045056	0.010066	0.000282	0	0.010348	0.00058	6.33E-05	0	0.000644	0	0	0	0.000644	0.041464	0.00452	0	0.045983	0	0	0	0.045983	0.159811	0.011586	0	0.171397	0	0	0	0	0.064076	5.867166
129.2621	0.000355	0.008154	0.000913	0.009422	0.001606	0.000212	0.000692	0.00251	0.001515	0.034854	0.005018	0.041387	0.012803	0.001478	0.009309	0.064976	0.00221	0.050859	0.005494	0.058563	0.012803	0.001478	0.009309	0.082153	0.031404	0.269362	0.098415	0.399181	0.001197	7.44E-05	6.29E-06	0.001278	0.00731	13.63053

233.8891	6.5E-05	7.7E-05	0	0.000142	0.033997	0.002853	0	0.036849	0.001398	0.001658	0	0.003056	0	0	0	0.003056	0.001592	0.001887	0	0.003479	0	0	0	0.003479	0.011046	0.070195	0	0.081242	0.002043	0.000171	0	0.002215	0.045467	20.89322
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120.4014	0.229561	0.043711	0	0.273272	0.021262	0.003283	0	0.024545	0.00328	0.000625	0	0.003905	0	0	0	0.003905	0.234284	0.04461	0	0.278894	0	0	0	0.278894	0.635217	0.135885	0	0.771102	0	0	0	0	0.08248	13.91657
145.4525	0.000191	0	0.000257	0.000449	0.000688	0	0.00045	0.001139	0.00049	0	0.000851	0.001341	0.000835	0.00023	0.000876	0.003281	0.000715	0	0.000931	0.001647	0.000835	0.00023	0.000876	0.003587	0.114169	0	0.053582	0.16775	0.001435	0	3.08E-06	0.001438	0.009575	15.33778
2.683154	1.88E-05	0	0	1.88E-05	0.000423	0	0	0.000423	0.000405	0	0	0.000405	0	0	0	0.000405	0.000461	0	0	0.000461	0	0	0	0.000461	0.000922	2.54E-05	0	0	0.000922	2.54E-05	0	0	2.54E-05	0.000893	0.239685
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13.48089	6E-05	0	0	6E-05	0.002748	0	0	0.002748	0.001291	0	0	0.001291	0	0	0	0.001291	0.00147	0	0	0.00147	0	0	0	0.00147	0.002276	0	0	0.002276	0	0	0	0	0.02153	1.558185
6.759567	0.00031	0	7.9E-07	0.000311	0.0004	0	5.98E-05	0.000459	0.001403	0	4.54E-06	0.001408	6.16E-05	7.76E-06	0.00012	0.001598	0.002048	0	4.97E-06	0.002053	6.16E-05	7.76E-06	0.00012	0.002243	0.108234	0	0.003161	0.111395	6.66E-05	0	2.73E-07	6.68E-05	0.000179	0.712788
105594.8	0.039456	0.169317	0	0.208773	15.55455	1.08196	0	16.63651	0.849479	3.645345	0	4.494824	0	0	0	4.494824	0.967068	4.149947	0	5.117015	0	0	0	5.117015	3.158673	53.85373	0	57.01241	0.93489	0.06503	0	0.99992	17.24195	9432.744
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1683.409	0.963045	0.451058	0	1.414103	0.302866	0.040308	0	0.343174	0.013906	0.006451	0	0.020358	0	0	0	0.020358	0.983025	0.460345	0	1.44337	0	0	0	1.44337	7.621041	1.694567	0	9.315609	0	0	0	0	1.138774	194.5764
129227.4	0.569683	0	2.039691	2.609374	1.757672	0	1.662396	3.420069	1.641799	0	7.634821	9.27662	13.1066	2.384091	9.828385	34.59569	2.395709	0	8.359168	10.75488	13.1066	2.384091	9.828385	36.07395	269.6078	0	104.3934	374.0012	1.242589	0	0.034956	1.277545	23.13979	13626.87
59.16117	7.32E-05	0	0	7.32E-05	0.009321	0	0	0.009321	0.001575	0	0	0.001575	0	0	0	0.001575	0.001793	0	0	0.001793	0	0	0	0.001793	0.05012	0	0	0.05012	0.000561	0	0	0.000561	0.000999	5.284844
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3221.08	0.009901	0	0.110076	0.119976	0.011968	0	0.052319	0.064287	0.03247	0	0.468566	0.501035	0.598124	0.109062	0.227717	1.435939	0.047379	0	0.513021	0.5604	0.598124	0.109062	0.227717	1.495304	4.945731	0	3.598603	8.544334	0.030321	0	0.001523	0.031844	0.448758	339.6589
10384.13	0.042735	0	0.157717	0.200452	0.126776	0	0.129068	0.255844	0.125354	0	0.600816	0.72617	1.488659	0.240379	1.094434	3.549643	0.182917	0	0.657818	0.840735	1.488659	0.240379	1.094434	3.664207	20.08945	0	7.985153	28.0746	0.099684	0	0.002973	0.102658	1.596884	1094.993
0.157095	3.2E-07	0	0	3.2E-07	2.48E-05	0	0	2.48E-05	6.89E-06	0	0	6.89E-06	0	0	0	6.89E-06	7.85E-06	0	0	7.85E-06	0	0	0	7.85E-06	7.37E-05	0	0	7.37E-05	1.49E-06	0	0	1.49E-06	1.42E-06	0.014033
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118.7383	0.000361	0	0.004144	0.004505	0.000432	0	0.001964	0.002396	0.001191	0	0.017704	0.018895	0.02444	0.004242	0.009135	0.056711	0.001738	0	0.019383	0.021121	0.02444	0.004242	0.009135	0.058938	0.180759	0	0.135891	0.31665	0.001108	0	6.62E-05	0.001174	0.016351	12.52081
89555.18	0.441098	0	1.571221	2.012319	1.08156	0	1.189958	2.271518	1.330311	0	6.135411	7.465722	9.052264	1.553701	6.766369	24.83806	1.941187	0	6.717502	8.658689	9.052264	1.553701	6.766369	26.03102	183.9489	0	80.2212	264.1701	0.859839	0	0.025505	0.885344	13.33751	9443.481
310.7175	0.000845	0	0	0.000845	0.048954	0	0	0.048954	0.018197	0	0	0.018197	0	0	0	0.018197	0.020717	0	0	0.020717	0	0	0	0.020717	0.191816	0	0	0.191816	0.002944	0	0	0.002944	0.003789	27.75627
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1104.067	0.003338	0	0.038608	0.041946	0.004003	0	0.01828	0.022283	0.011013	0	0.165011	0.176025	0.213009	0.038205	0.079988	0.507227	0.016071	0	0.180667	0.196737	0.213009	0.038205	0.079988	0.52794	1.675396	0	1.267218	2.942614	0.010268	0	0.000647	0.010915	0.151789	116.4225
7484.081	0.00961	0.027175	0.091938	0.128724	0.017697	0.000803	0.188117	0.206617	0.031402	0.090697	0.396368	0.518466	0.723379	0.095201	0.984119	2.321165	0.045822	0.132345	0.433973	0.612139	0.723379	0.095201	0.984119	2.414837	6.737604	1.25673	16.32722	24.32155	0.072492	0.00035	0.001146	0.073988	0.530318	789.187
4349.314	0.02375	0.001219	0	0.024969	0.68092	0.004316	0	0.685236	0.511319	0.026249	0	0.537568	0	0	0	0.537568	0.582103	0.029883	0	0.611986	0	0	0	0.611986	1.175608	0.217564	0	1.393172	0.040952	0.00026	0	0.041212	1.789618	388.5225
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1018.712	0.001044	0.002985	0.010155	0.014184	0.003053	8.89E-05	0.02065	0.023792	0.003342	0.009807	0.043089	0.056238	0.099795	0.012706	0.135354	0.304094	0.004877	0.01431	0.047177	0.066364	0.099795	0.012706	0.135354	0.31422	0.832875	0.160202	2.09262	3.085697	0.009876	5.13E-05	0.000144	0.010071	0.065076	107.4219
2432.715	0.014197	0.000614	0	0.014811	0.379715	0.00356	0	0.383275	0.30566	0.013212	0	0.318872	0	0	0	0.318872	0.347974	0.015041	0	0.363015	0	0	0	0.363015	0.717694	0.109507	0	0.827201	0.022837	0.000214	0	0.023051	0.839061	217.3135
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909.1585	0.622159	0	0.199987	0.822146	0.158758	0	0.006396	0.165154	3.686115	0	1.374446	5.060561	2.927705	5.914473	6.343728	20.24647	4.622605	0	1.497304	6.119909	2.927705	5.914473	6.343728	21.30582	44.59652	0	12.37765	56.97416	0.008423	0	0.000565	0.008988	0.041573	95.86963
61047.31	0.255014	0	0.923984	1.178999	0.619657	0	0.706507	1.326165	0.774147	0	3.638178	4.412325	5.878301	0.978113	4.358184	15.62692	1.129633	0	3.983347	5.11298	5.878301	0.978113	4.358184	16.32758	106.7343	0	47.07517	153.8095	0.585612	0	0.017903	0.603515	7.493243	6437.363
646.54	0.000477	0	0	0.000477	0.101863	0	0	0.101863	0.010262	0	0	0.010262	0	0	0	0.010262	0.011682	0	0	0.011682	0	0	0	0.011682	0.331398	0	0	0.331398	0.006126	0	0	0.006126	0.006057	57.75516
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692.0331	0.002053	0	0.024505	0.026557	0.002454	0	0.011555	0.014009	0.006796	0	0.105182	0.111978	0.147922	0.025544	0.056185	0.34163	0.009917	0	0.115161	0.125078	0.147922	0.025544	0.056185	0.35473	1.0344	0	0.807705	1.842105	0.00634	0	0.000502	0.006841	0.093767	72.97403
986.0778	0.001325	0	0.000164	0.001489	0.009254	0	0.000194	0.009448	0.003671	0	0.00055	0.004221	0.095578	0.013393	0.000544	0.113736	0.005357	0	0.000602	0.005959	0.095578	0.013393	0.000544	0.115474	0.074286	0	0.010199	0.084485	0.009747	0	1.44E-06	0.009748	0.023953	103.9807
317.8446	0.000809	0	0	0.000809	0.050077	0	0	0.050077	0.017414	0	0	0.017414	0	0	0	0.017414	0.019824	0	0	0.019824	0	0	0	0.019824	0.050026	0	0	0.050026	0.003012	0	0	0.003012	0.065908	28.39293
1698.104	0.002793	0.006294	0.017109	0.026195	0.007551	0.000127	0.017014	0.024691	0.010369	0.023626	0.083741	0.117736	0.052456	0.006488	0.101706	0.278386	0.01513	0.034474	0.091686	0.141291	0.052456	0.006488	0.101706	0.301941	0.176547	0.34371	1.404143	1.9244	0.016517	0.000105	0.000166	0.016787	0.051615	179.063
11441.46	0.002883	0.002118	0	0.005001	1.727371	0.075236	0	1.802607	0.06207	0.045597	0	0.107667	0	0	0	0.107667	0.070662	0.051909	0	0.12257	0	0	0	0.12257	0.445472	1.927756	0	2.373229	0.103822	0.004522	0	0.108344	2.474589	1022.061
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160.7841	0.109026	0.058335	0	0.16736	0.028431	0.004346	0	0.032777	0.001558	0.000833	0	0.002391	0	0	0	0.002391	0.111269	0.059535	0	0.170804	0	0	0	0.170804	0.392225	0.181731	0	0.573956	0	0	0	0	0.17251	18.58419
270.4197	0.000285	0.001025	0.00288	0.00419	0.002641	2.45E-05	0.002453	0.005119	0.001038	0.003933	0.014647	0.019617	0.018698	0.002774	0.021229	0.062317	0.001515	0.005739	0.016036	0.02329	0.018698	0.002774	0.021229	0.06599	0.028233	0.030393	0.233108	0.291734	0.002629	1.76E-05	2.69E-05	0.002673	0.008112	28.51541
1089.672	0.00048	0.000543	0	0.001024	0.167136	0.004542	0	0.171678	0.010342	0.011699	0	0.022042	0	0	0	0.022042	0.011774	0.013319	0	0.025093	0	0	0	0.025093	0.060246	0.187419	0	0.247666	0.010046	0.000273	0	0.010319	0.193657	97.33999
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.9277	0.040945	0.004426	0	0.045371	0.010099	0.000283	0	0.010382	0.000585	6.32E-05	0	0.000648	0	0	0	0.000648	0.041788	0.004517	0	0.046304	0	0	0	0.046304	0.160584	0.011733	0	0.172317	0	0	0	0	0.064426	5.886466
113.6272	0.000306	0.007309	0.000793	0.008408	0.001217	0.000189	0.000534	0.00194	0.001305	0.031252	0.004359	0.036916	0.010784	0.001192	0.007937	0.05683	0.001904	0.045603	0.004773	0.05228	0.010784	0.001192	0.007937	0.072194	0.02696	0.241526	0.085592	0.354078	0.001052	6.59E-05	5.55E-06	0.001123	0.006505	11.98185
222.6772	6.15E-05	7.34E-05	0	0.000135	0.032382	0.002701	0	0.035083	0.001324	0.00158	0	0.002904	0	0	0	0.002904	0.001508	0.001798	0	0.003306	0	0	0	0.003306	0.010475	0.066886	0	0.077361	0.001946	0.000162	0	0.002109	0.043534	19.89167
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114.2255	0.216622	0.041037	0	0.257659	0.020174	0.003112	0	0.023286	0.003095	0.000586	0	0.003681	0	0	0	0.003681	0.221079	0.041881	0	0.26296	0	0	0	0.26296	0.594155	0.13061	0	0.724765	0	0	0	0	0.078677	13.20272
147.7345	0.000193	0	0.00026	0.000453	0.000697	0	0.000454	0.001151	0.000494	0	0.000859	0.001352	0.00086	0.000232	0.000896	0.00334	0.00072	0	0.00094	0.001661	0.00086	0.000232	0.000896	0.003648	0.11581	0	0.054046	0.169856	0.001457	0	3.13E-06	0.001461	0.009746	15.57842
2.684784	1.91E-05	0	0	1.91E-05	0.000423	0	0	0.000423	0.000411	0	0	0.000411	0	0	0	0.000411	0.000467	0	0	0.000467	0	0	0	0.000467	0.000974	0	0	0.000974	2.54E-05	0	0	2.54E-05	0.000893	0.239831
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13.74052	5.96E-05	0	0	5.96E-05	0.002801	0	0	0.002801	0.001283	0	0	0.001283	0	0	0	0.001283	0.00146	0	0	0.00146	0	0	0	0.00146	0.002157	0	0	0.002157	0	0	0	0	0.021981	1.588195

Model Output: OFFROAD2021 (v1.0.3) Emissions Inventory
Region Type: Statewide
Region: California
Calendar Year: 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Y	Vehicle Cat	Model Year	Horsepowe	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consu	Total_Activ	Total_Popu	Horsepower_Hours_hhpy
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.07761	0.093909	0.111759	0.460286	1.132357	74.47712	0.047989	0.04415	0.006188	0.000608	2416328	420068.8	1265.819	92847821
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.320869	0.388251	0.462051	2.607886	4.116558	176.3284	0.213555	0.196471	0.014613	0.001439	5720781	1659298	3812.204	3.83E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.697907	0.844467	1.004986	5.523112	9.004673	436.1535	0.464122	0.426992	0.036172	0.00356	14150521	2996601	7022.222	6.38E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.945008	1.14346	1.360812	5.053674	12.00584	784.1666	0.563342	0.518275	0.065117	0.0064	25441422	8122057	13656.1	1.28E+09
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.505521	0.61168	0.72795	3.070142	6.46099	294.8717	0.344064	0.316539	0.024446	0.002407	9566787	2400280	4415.618	4.5E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.004238	0.005097	0.006092	0.01203	0.017071	2.57E-05	0.001362	0.001029	3.13E-06	3.12E-07	1239.605	0	87.90519	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.004211	0.005065	0.006053	0.013861	0.024434	2.9E-05	0.001857	0.001403	3.36E-06	3.34E-07	1329.017	0	556.03	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.004297	0.005122	0.006187	0.012912	0.012519	0.838582	0.001366	0.001224	9.84E-05	7.22E-06	28702.15	19866.95	50.65144	655609.4
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.000478	0.000575	0.000688	0.00132	0.001803	2.82E-06	0.000145	0.00011	3.49E-07	3.47E-08	138.0259	0	23.20976	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.003116	0.003748	0.00448	0.008784	0.012792	2.04E-05	0.000995	0.000752	2.3E-06	2.28E-07	908.4899	0	36.88	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.007638	0.009187	0.01098	0.026625	0.046948	5.95E-05	0.003499	0.002643	6.29E-06	6.25E-07	2486.401	0	340.4002	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.000893	0.001074	0.001283	0.002463	0.003362	5.26E-06	0.000269	0.000204	6.51E-07	6.47E-08	257.5132	0	14.27	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.001519	0.001827	0.002183	0.004213	0.005848	9.18E-06	0.000467	0.000353	1.11E-06	1.1E-07	439.225	0	36.45254	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.002585	0.003109	0.003715	0.009236	0.017083	2.01E-05	0.001278	0.000966	2.16E-06	2.14E-07	852.9101	0	321.99	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.019996	0.02405	0.028744	0.063468	0.103311	0.00014	0.007911	0.005977	1.57E-05	1.56E-06	6191.21	0	994.5975	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.000549	0.00066	0.000789	0.001525	0.002136	3.35E-06	0.000171	0.000129	4.02E-07	3.99E-08	158.8658	0	8.604266	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.036087	0.043385	0.05188	0.138176	0.244961	0.370984	0.01772	0.013471	7.34E-05	6.08E-06	24190.92	7018.95	2828.193	259701.2
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.183914	0.221208	0.264379	0.510652	0.710019	0.001118	0.05625	0.0425	0.000135	1.34E-05	53215.89	0	4037.732	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.016199	0.019484	0.023287	0.044736	0.061265	9.58E-05	0.004927	0.003723	1.18E-05	1.17E-06	4674.877	0	266.4917	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.019672	0.023661	0.028279	0.058793	0.08975	0.000135	0.006878	0.005197	1.49E-05	1.48E-06	5905.169	0	457.4707	0
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.292306	0.35369	0.420921	1.712616	2.877981	165.6389	0.165177	0.151963	0.01373	0.001352	5373972	1902924	3106.786	2.35E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	1.432076	1.732812	2.06219	13.79477	19.75005	995.559	0.926745	0.852606	0.082609	0.008126	32299815	4050019	3251.802	1.63E+09
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.350503	0.424109	0.504725	2.47705	4.236792	222.1023	0.21814	0.200689	0.018421	0.001813	7205865	1935543	4703.193	3.33E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.071769	0.086841	0.103348	0.357019	0.883989	52.30395	0.045891	0.04222	0.004341	0.000427	1696944	608609.3	1670.143	78821433
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.045091	0.05456	0.064931	0.249338	0.528567	30.4406	0.028253	0.025993	0.002526	0.000248	987611.8	406238.2	946.2917	53455047
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.247929	0.299994	0.357018	1.121715	2.238057	135.6266	0.138639	0.127548	0.01124	0.001107	4400256	2758120	8698.51	2.21E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.207626	0.251227	0.298981	1.000289	2.178813	147.2603	0.150206	0.138189	0.01222	0.001202	4777699	2282668	8771.018	2.29E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.167348	0.202491	0.240981	1.761565	2.087675	86.83739	0.11142	0.102506	0.007194	0.000709	2817343	550478.8	775.4676	1.37E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	1.905909	2.30615	2.744509	14.18684	24.48054	1197.714	1.288236	1.185177	0.099333	0.009776	38858512	10284676	11367.79	2.08E+09
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	1.231253	1.489816	1.773004	13.39917	16.90123	779.508	0.807079	0.742512	0.064651	0.006362	25290280	2757446	6384.397	1.01E+09
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.235732	0.285236	0.339455	1.055714	2.034382	142.7984	0.156918	0.144365	0.011841	0.001166	4632937	3651241	11373.94	2.39E+08
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.018227	0.022055	0.026247	0.1132	0.266081	16.40925	0.011115	0.010226	0.001363	0.000134	532379.9	129506.4	522.3039	34098270
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	1.88648	2.282641	2.716532	8.92637	19.45971	1094.038	1.310448	1.205612	0.090695	0.008929	35494855	18925157	34303.69	1.85E+09
Statewide	2000	Constructic	Aggregate	Aggregate	Diesel	0.089641	0.108466	0.129084	0.388673	0.694074	45.08143	0.045551	0.041907	0.003734	0.000368	1462617	689103.5	2060.95	54172752
Statewide	2000	Industrial -	Aggregate	Aggregate	Diesel	0.120666	0.146006	0.173759	0.520974	0.911739	69.38271	0.070685	0.06503	0.00573	0.000566	2251046	2167297	7729.512	1.36E+08
Statewide	2000	Industrial -	Aggregate	Aggregate	Diesel	0.611371	0.739759	0.880374	2.674289	5.931071	291.9599	0.414098	0.38097	0.024084	0.002383	9472318	10131860	14497.45	9.07E+08
Statewide	2000	Industrial -	Aggregate	Aggregate	Diesel	0.01293	0.015552	0.018587	0.052911	0.079747	0.000114	0.004902	0.003704	1.17E-05	1.16E-06	4608.858	0	1180.026	0

Statewide	2000	Industrial -	Aggregate	Aggregate	Diesel	0.011125	0.01338	0.015992	0.056109	0.086373	0.000132	0.005063	0.003825	1.14E-05	1.13E-06	4505.569	0	341.3333	0
Statewide	2000	Industrial -	Aggregate	Aggregate	Diesel	0.004553	0.005476	0.006545	0.022819	0.035622	5.25E-05	0.002045	0.001545	4.64E-06	4.62E-07	1836.56	0	217.1159	0
Statewide	2000	Industrial -	Aggregate	Aggregate	Diesel	0.286163	0.346257	0.412075	1.429123	2.34241	140.99	0.150522	0.13848	0.011633	0.001151	4574265	2858355	3691.377	2.52E+08
Statewide	2000	Industrial -	Aggregate	Aggregate	Diesel	0.130925	0.158419	0.188532	0.905747	1.592616	82.66279	0.087284	0.080302	0.00683	0.000675	2681903	781272.3	1110.364	1.31E+08
Statewide	2000	Light Comn	Aggregate	Aggregate	Diesel	0.118133	0.140665	0.170097	0.353677	0.306061	25.18884	0.036147	0.033855	0.002873	0.000218	868257	759054	1084.913	28084998
Statewide	2000	Light Comn	Aggregate	Aggregate	Diesel	0.358887	0.428721	0.516481	1.183875	1.453285	118.338	0.114138	0.11959	0.012032	0.001003	3990254	1527897	13330.43	50420611
Statewide	2000	Light Comn	Aggregate	Aggregate	Diesel	0.001623	0.00194	0.002335	0.005592	0.00787	0.612361	0.000547	0.00059	6.15E-05	5.06E-06	20132.28	15264.3	397.0479	580043.4
Statewide	2000	Light Comn	Aggregate	Aggregate	Diesel	0.22001	0.262808	0.316624	0.680045	0.823518	65.35391	0.069684	0.073119	0.006719	0.000556	2209980	797525	6941.191	29508425
Statewide	2000	Light Comn	Aggregate	Aggregate	Diesel	0.546094	0.650786	0.786201	1.650155	1.592356	130.8378	0.169088	0.163111	0.014473	0.001127	4478788	2992956	7906.851	1.38E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.081408	0.098503	0.117227	0.480016	1.192419	79.33369	0.050501	0.046461	0.006589	0.000648	2573894	447004.7	1318.171	98800667
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.327309	0.396043	0.471324	2.654426	4.239311	187.6726	0.217237	0.199858	0.015551	0.001532	6088832	1765751	3969.87	4.08E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.705177	0.853264	1.015455	5.394251	9.169578	463.558	0.468571	0.431086	0.038439	0.003783	15039628	3188659	7312.649	6.78E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.979907	1.185688	1.411066	5.001277	12.45128	834.5046	0.58149	0.534971	0.069276	0.006811	27074582	8643762	14220.89	1.36E+09
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.516416	0.624863	0.743639	3.116596	6.654926	313.7682	0.350716	0.322658	0.026007	0.002561	10179864	2554041	4598.241	4.79E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.003839	0.004618	0.005519	0.011175	0.01644	2.56E-05	0.00126	0.000952	2.88E-06	2.86E-07	1137.21	0	87.85563	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.003955	0.004757	0.005686	0.013479	0.023639	2.96E-05	0.001763	0.001332	3.22E-06	3.2E-07	1271.829	0	566.74	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.004251	0.005067	0.00612	0.012859	0.012578	0.855004	0.001364	0.001224	0.0001	7.34E-06	29195.09	20253.85	51.94073	668377.1
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.000453	0.000545	0.000651	0.001269	0.001814	2.88E-06	0.000141	0.000106	3.33E-07	3.31E-08	131.6227	0	23.74577	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.002596	0.003122	0.003732	0.007669	0.012538	2.08E-05	0.00088	0.000665	1.96E-06	1.95E-07	774.8123	0	37.64	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.006323	0.007606	0.00909	0.024361	0.042085	6.08E-05	0.002923	0.002209	5.5E-06	5.47E-07	2176.911	0	347.8	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.000844	0.001015	0.001213	0.002363	0.003363	5.34E-06	0.000261	0.000197	6.2E-07	6.16E-08	245.184	0	14.49	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.001386	0.001667	0.001992	0.003935	0.005829	9.37E-06	0.000441	0.000333	1.03E-06	1.02E-07	405.4829	0	37.20946	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.002245	0.0027	0.003227	0.008688	0.015653	2.04E-05	0.001119	0.000845	1.96E-06	1.95E-07	774.752	0	328.25	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.017169	0.020651	0.024681	0.058144	0.095592	0.000142	0.006873	0.005193	1.39E-05	1.38E-06	5502.598	0	1010.772	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.000442	0.000531	0.000635	0.001268	0.001935	3.14E-06	0.000144	0.000109	3.29E-07	3.27E-08	129.9105	0	8.043752	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.026257	0.031562	0.037749	0.121206	0.202068	0.378249	0.013036	0.009932	6.84E-05	5.56E-06	22120.87	7186.85	2883.702	265913.5
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.165557	0.199129	0.237991	0.472099	0.705661	0.001141	0.052497	0.039665	0.000123	1.22E-05	48541.1	0	4121.579	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.015142	0.018212	0.021766	0.04256	0.06131	9.76E-05	0.00474	0.003582	1.11E-05	1.11E-06	4407.821	0	271.5612	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.015242	0.018333	0.021911	0.049108	0.080873	0.000133	0.005562	0.004202	1.2E-05	1.2E-06	4757.34	0	451.9606	0
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.302578	0.36612	0.435713	1.713626	2.982936	176.2665	0.170957	0.15728	0.014607	0.001439	5718773	2024915	3235.278	2.5E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	1.40777	1.703401	2.027188	12.11942	19.86525	1060.054	0.903139	0.830888	0.087956	0.008652	34392277	4309560	3386.292	1.74E+09
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.359929	0.435514	0.518297	2.506869	4.368852	236.268	0.224305	0.206361	0.019591	0.001928	7665456	2059566	4897.709	3.55E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.075217	0.091012	0.108312	0.372631	0.920554	55.6742	0.048357	0.044488	0.004619	0.000454	1806288	647581.9	1739.218	83870799
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.047054	0.056936	0.067758	0.255495	0.550324	32.38968	0.029607	0.027239	0.002686	0.000264	1050848	432264.9	985.4288	56903055
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.260425	0.315115	0.375013	1.174934	2.333221	144.3148	0.146458	0.134741	0.011956	0.001178	4682134	2934870	9058.266	2.36E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.221925	0.26853	0.319573	1.066367	2.29901	156.7162	0.162008	0.149047	0.012999	0.001279	5084484	2427850	9133.773	2.44E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.171912	0.208013	0.247553	1.800011	2.15807	92.47571	0.11448	0.105321	0.00766	0.000755	3000273	585764.7	807.5397	1.46E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	1.923992	2.32803	2.770548	13.74864	25.02562	1275.613	1.299928	1.195934	0.105779	0.010411	41385847	10943571	11837.94	2.22E+09
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	1.261038	1.525856	1.815894	13.52549	17.45566	829.2312	0.825588	0.759541	0.068761	0.006768	26903493	2934068	6648.445	1.08E+09
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.250567	0.303186	0.360817	1.121596	2.116733	151.9852	0.168907	0.155394	0.012598	0.00124	4930991	3885424	11844.34	2.54E+08
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.018734	0.022668	0.026977	0.112825	0.276126	17.46387	0.011451	0.010535	0.00145	0.000143	566596.1	137819.4	543.9055	36330995
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	1.979708	2.395447	2.850779	9.300333	20.23431	1164.332	1.389507	1.278347	0.096491	0.009503	37775465	20138759	35722.43	1.97E+09
Statewide	2001	Constructic	Aggregate	Aggregate	Diesel	0.094484	0.114326	0.136058	0.406403	0.724549	47.95546	0.047974	0.044136	0.003971	0.000391	1555862	733209.7	2146.187	57642455
Statewide	2001	Industrial -	Aggregate	Aggregate	Diesel	0.124103	0.150165	0.178709	0.539871	0.919584	73.83593	0.074985	0.068986	0.006111	0.000603	2395525	2306401	8049.935	1.45E+08
Statewide	2001	Industrial -	Aggregate	Aggregate	Diesel	0.635059	0.768421	0.914485	2.784044	6.139362	310.6989	0.434636	0.399865	0.025683	0.002536	10080284	10782157	15098.43	9.65E+08
Statewide	2001	Industrial -	Aggregate	Aggregate	Diesel	0.012111	0.014566	0.017409	0.049902	0.077117	0.000114	0.004704	0.003554	1.1E-05	1.09E-06	4334.523	0	1190.312	0
Statewide	2001	Industrial -	Aggregate	Aggregate	Diesel	0.010074	0.012116	0.014481	0.048075	0.080636	0.000134	0.004675	0.003532	9.97E-06	9.91E-07	3941.204	0	346.0786	0

Statewide	2001	Industrial -	Aggregate	Aggregate	Diesel	0.004038	0.004857	0.005805	0.019745	0.032227	5.26E-05	0.001888	0.001427	4.06E-06	4.03E-07	1603.963	0	217.1481	0
Statewide	2001	Industrial -	Aggregate	Aggregate	Diesel	0.300547	0.363662	0.432788	1.473962	2.441921	150.0392	0.157943	0.145307	0.012404	0.001225	4867857	3041814	3844.401	2.68E+08
Statewide	2001	Industrial -	Aggregate	Aggregate	Diesel	0.133603	0.16166	0.192389	0.877074	1.62745	87.96837	0.089534	0.082372	0.007284	0.000718	2854037	831417.1	1156.394	1.39E+08
Statewide	2001	Light Comn	Aggregate	Aggregate	Diesel	0.11774	0.140194	0.169531	0.353394	0.305833	25.49399	0.036213	0.033902	0.002908	0.000221	878196.4	768284.9	1098.113	28426539
Statewide	2001	Light Comn	Aggregate	Aggregate	Diesel	0.353739	0.422535	0.50908	1.174956	1.447377	119.7722	0.113517	0.118683	0.012174	0.001015	4035757	1546363	13492.03	51029967
Statewide	2001	Light Comn	Aggregate	Aggregate	Diesel	0.001597	0.001909	0.002298	0.005553	0.007811	0.61972	0.000543	0.000584	6.22E-05	5.12E-06	20343.24	15454.1	401.8276	587255.8
Statewide	2001	Light Comn	Aggregate	Aggregate	Diesel	0.217273	0.259518	0.312688	0.675961	0.819508	66.14564	0.06932	0.072585	0.006798	0.000562	2235139	807292.4	7025.144	29869819
Statewide	2001	Light Comn	Aggregate	Aggregate	Diesel	0.542946	0.64701	0.781674	1.646303	1.589447	132.4213	0.169096	0.162955	0.014646	0.001139	4530006	3029255	8002.386	1.39E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.078505	0.094991	0.113047	0.457426	1.163221	78.8853	0.048907	0.044994	0.006537	0.000644	2559347	443561.5	1311.569	98089574
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.305121	0.369196	0.439374	2.454861	4.014365	186.2592	0.201789	0.185646	0.015403	0.00152	6042975	1752094	3949.987	4.05E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.649566	0.785974	0.935375	4.68975	8.572985	460.153	0.431412	0.396899	0.038082	0.003756	14929157	3164132	7276.024	6.73E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.937902	1.134861	1.350578	4.610146	11.98551	827.9548	0.554774	0.510392	0.068583	0.006758	26862081	8577163	14149.66	1.35E+09
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.480267	0.581123	0.691585	2.886477	6.273522	311.4	0.324427	0.298473	0.02576	0.002542	10103031	2534477	4575.211	4.75E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.003444	0.004143	0.004951	0.010324	0.015827	2.56E-05	0.001157	0.000874	2.62E-06	2.6E-07	1035.534	0	87.77215	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.0037	0.00445	0.005319	0.0131	0.022823	3.02E-05	0.00166	0.001254	3.07E-06	3.05E-07	1214.855	0	577.7199	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.004205	0.00501	0.006054	0.012805	0.012622	0.871422	0.001361	0.001224	0.000102	7.48E-06	29741.48	20691.85	53.06525	682831.1
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.000427	0.000514	0.000614	0.001219	0.001826	2.95E-06	0.000137	0.000103	3.17E-07	3.15E-08	125.3146	0	24.27832	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.002099	0.002524	0.003017	0.0066	0.012271	2.11E-05	0.000769	0.000581	1.64E-06	1.63E-07	646.9155	0	38.29	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.00515	0.006195	0.007404	0.022376	0.037876	6.21E-05	0.002415	0.001825	4.81E-06	4.78E-07	1902.62	0	355.5849	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.000798	0.00096	0.001147	0.00227	0.003371	5.43E-06	0.000253	0.000191	5.91E-07	5.87E-08	233.6678	0	14.74	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.001248	0.001501	0.001795	0.003645	0.005787	9.53E-06	0.000412	0.000312	9.37E-07	9.31E-08	370.3878	0	37.83001	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.001922	0.002312	0.002763	0.008172	0.014298	2.08E-05	0.000966	0.00073	1.77E-06	1.76E-07	700.8188	0	334.53	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.014494	0.017434	0.020836	0.053079	0.088545	0.000144	0.005907	0.004463	1.23E-05	1.22E-06	4849.46	0	1026.076	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.000345	0.000415	0.000496	0.001038	0.001764	2.96E-06	0.000119	9.02E-05	2.63E-07	2.61E-08	103.9047	0	7.599763	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.024269	0.02917	0.034891	0.118862	0.194703	0.385513	0.012101	0.009226	6.82E-05	5.53E-06	21983.27	7332.85	2939.055	271315.5
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.147685	0.177633	0.2123	0.4348	0.702534	0.001166	0.048821	0.036887	0.000111	1.11E-05	44001.84	0	4212.45	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.013991	0.016828	0.020112	0.040177	0.061273	9.95E-05	0.004532	0.003424	1.04E-05	1.03E-06	4116.497	0	276.6273	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.011494	0.013825	0.016523	0.040843	0.076147	0.000132	0.00461	0.003483	9.57E-06	9.51E-07	3782.629	0	451.2779	0
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.29104	0.352159	0.419098	1.597256	2.883388	174.834	0.165041	0.151838	0.014457	0.001427	5672296	2009322	3219.074	2.48E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	1.333926	1.614051	1.920854	10.99212	19.13789	1051.63	0.852021	0.78386	0.087072	0.008583	34118976	4276342	3369.332	1.72E+09
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.338072	0.409067	0.486824	2.285462	4.141539	234.3779	0.210919	0.194045	0.019395	0.001913	7604133	2043716	4873.179	3.52E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.071993	0.087111	0.103669	0.34978	0.879438	55.21801	0.046554	0.04283	0.004571	0.000451	1791488	642621.6	1730.507	83245941
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.045364	0.05489	0.065324	0.242083	0.530448	32.14137	0.028676	0.026382	0.00266	0.000262	1042791	428903.1	980.4933	56470377
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.253124	0.306281	0.364499	1.140344	2.24262	143.2322	0.143422	0.131948	0.01184	0.001169	4647012	2912296	9012.898	2.34E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.220443	0.266736	0.317438	1.057851	2.249157	155.5243	0.162631	0.149621	0.012871	0.001269	5045814	2409287	9088.027	2.42E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.157641	0.190746	0.227003	1.572872	2.006331	91.83601	0.104774	0.096392	0.007593	0.00075	2979518	581257	803.4952	1.45E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	1.795363	2.172389	2.585323	12.18671	23.72714	1267.027	1.213615	1.116526	0.104856	0.010341	41107304	10859644	11778.65	2.2E+09
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	1.193436	1.444057	1.718547	12.58749	16.71922	822.734	0.779717	0.717339	0.06808	0.006715	26692698	2911616	6615.146	1.07E+09
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.247817	0.299858	0.356856	1.109598	2.054194	150.8082	0.169339	0.155792	0.012471	0.001231	4892807	3854224	11785.02	2.52E+08
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.017607	0.021305	0.025355	0.104527	0.263487	17.28862	0.010771	0.00991	0.001433	0.000141	560910.1	136750.4	541.1814	35985210
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	1.934887	2.341213	2.786237	9.021089	19.57744	1154.953	1.37238	1.262589	0.0955	0.009427	37471191	19983500	35543.52	1.95E+09
Statewide	2002	Constructic	Aggregate	Aggregate	Diesel	0.092389	0.11179	0.13304	0.39441	0.703853	47.56747	0.047038	0.043275	0.00393	0.000388	1543274	727575.7	2135.438	57163765
Statewide	2002	Industrial -	Aggregate	Aggregate	Diesel	0.120516	0.145825	0.173544	0.526603	0.877802	73.26586	0.074583	0.068617	0.006062	0.000598	2377030	2288594	8009.356	1.44E+08
Statewide	2002	Industrial -	Aggregate	Aggregate	Diesel	0.61178	0.740254	0.880963	2.691179	5.882248	308.3001	0.42374	0.389841	0.025479	0.002516	10002456	10698910	15022.32	9.58E+08
Statewide	2002	Industrial -	Aggregate	Aggregate	Diesel	0.011406	0.013719	0.016397	0.047	0.074516	0.000115	0.004527	0.00342	1.03E-05	1.03E-06	4082.692	0	1197.726	0
Statewide	2002	Industrial -	Aggregate	Aggregate	Diesel	0.009393	0.011298	0.013503	0.0417	0.077634	0.000135	0.00435	0.003287	8.89E-06	8.84E-07	3516.009	0	347.5473	0
Statewide	2002	Industrial -	Aggregate	Aggregate	Diesel	0.00363	0.004366	0.005218	0.016786	0.029858	5.15E-05	0.001713	0.001294	3.52E-06	3.5E-07	1392.883	0	212.1993	0

Statewide	2002	Industrial -	Aggregate	Aggregate	Diesel	0.290555	0.351571	0.418399	1.364918	2.353161	148.8808	0.152688	0.140473	0.012305	0.001215	4830274	3018329	3825.022	2.66E+08
Statewide	2002	Industrial -	Aggregate	Aggregate	Diesel	0.127107	0.153799	0.183034	0.793964	1.553093	87.28918	0.085289	0.078465	0.007226	0.000712	2832001	824997.9	1150.564	1.38E+08
Statewide	2002	Light Comn	Aggregate	Aggregate	Diesel	0.117371	0.139753	0.169001	0.353181	0.305709	25.79831	0.036288	0.033959	0.002943	0.000223	888090.3	777336.9	1111.103	28761463
Statewide	2002	Light Comn	Aggregate	Aggregate	Diesel	0.348743	0.416531	0.501897	1.166276	1.441747	121.1961	0.112929	0.117814	0.012315	0.001026	4081084	1564813	13652.34	51638842
Statewide	2002	Light Comn	Aggregate	Aggregate	Diesel	0.001572	0.00188	0.002263	0.005516	0.007754	0.627022	0.000539	0.000578	6.29E-05	5.16E-06	20538.57	15684.05	406.5872	595993.9
Statewide	2002	Light Comn	Aggregate	Aggregate	Diesel	0.214589	0.256294	0.30883	0.671989	0.815646	66.93014	0.068969	0.072065	0.006877	0.000568	2260184	816837.2	7108.578	30222975
Statewide	2002	Light Comn	Aggregate	Aggregate	Diesel	0.539902	0.643358	0.777297	1.642725	1.586922	133.9956	0.169141	0.162835	0.014819	0.001152	4580910	3065255	8097.542	1.41E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.078668	0.095189	0.113283	0.460926	1.175754	81.17297	0.049349	0.045401	0.006727	0.000663	2633568	456381	1336.1	1.01E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.289691	0.350526	0.417154	2.245832	3.893445	191.659	0.190613	0.175364	0.015856	0.001564	6218165	1802772	4023.865	4.17E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.62362	0.75458	0.898012	4.317809	8.373909	472.938	0.414955	0.381759	0.03915	0.00386	15343953	3255672	7412.109	6.92E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.920787	1.114152	1.325933	4.426439	11.90784	852.3447	0.546886	0.503135	0.070613	0.006957	27653385	8825240	14414.31	1.39E+09
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.455203	0.550796	0.655492	2.746502	6.074767	320.3173	0.305851	0.281383	0.026507	0.002614	10392342	2607759	4660.782	4.9E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.003047	0.003665	0.004381	0.00945	0.015348	2.55E-05	0.001063	0.000803	2.36E-06	2.34E-07	932.3654	0	87.54844	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.003446	0.004145	0.004954	0.012725	0.021999	3.07E-05	0.001555	0.001175	2.93E-06	2.91E-07	1158.177	0	588.6599	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.004159	0.004955	0.005988	0.012751	0.012681	0.887841	0.001358	0.001224	0.000104	7.62E-06	30296.47	21067.8	54.18821	695237.4
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.000399	0.00048	0.000574	0.001162	0.001832	3.01E-06	0.000132	9.95E-05	2.99E-07	2.97E-08	118.214	0	24.77097	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.001663	0.002	0.002391	0.005671	0.012078	2.15E-05	0.000672	0.000508	1.35E-06	1.35E-07	535.2179	0	39.01	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.004818	0.005795	0.006926	0.021996	0.037372	6.36E-05	0.002301	0.001738	4.64E-06	4.61E-07	1834.217	0	363.9634	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.000755	0.000908	0.001085	0.002183	0.003385	5.53E-06	0.000246	0.000186	5.64E-07	5.6E-08	222.886	0	15.01	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.00112	0.001347	0.00161	0.003376	0.005756	9.69E-06	0.000386	0.000292	8.54E-07	8.49E-08	337.7241	0	38.46748	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.00164	0.001972	0.002357	0.007732	0.013125	2.12E-05	0.000832	0.000629	1.61E-06	1.6E-07	636.7887	0	340.83	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.012853	0.015459	0.018476	0.049917	0.086263	0.000146	0.00544	0.00411	1.12E-05	1.12E-06	4445.995	0	1040.808	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.000282	0.00034	0.000406	0.000898	0.001703	2.95E-06	0.000105	7.92E-05	2.21E-07	2.2E-08	87.51196	0	7.568538	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.024133	0.029007	0.034696	0.119976	0.195735	0.392776	0.012051	0.00919	6.91E-05	5.6E-06	22284.42	7471.55	2994.385	276447.4
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.131256	0.157872	0.188682	0.400619	0.700216	0.00119	0.045452	0.034342	0.000101	1E-05	39834.47	0	4300.167	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.012813	0.015411	0.018419	0.037737	0.06117	0.000101	0.004295	0.003245	9.66E-06	9.6E-07	3818.289	0	281.7759	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.009633	0.011586	0.013847	0.036862	0.074773	0.000133	0.00418	0.003158	8.36E-06	8.31E-07	3304.917	0	456.0421	0
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.288348	0.348902	0.415222	1.512081	2.859186	179.7961	0.163762	0.150661	0.01487	0.001467	5833286	2067450	3279.281	2.56E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	1.308588	1.583392	1.884367	10.38427	19.09532	1081.544	0.833309	0.766644	0.089563	0.008827	35089500	4400035	3432.349	1.77E+09
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.331349	0.400933	0.477143	2.186301	4.091058	241.0843	0.207413	0.19082	0.019954	0.001968	7821715	2102858	4964.323	3.62E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.070542	0.085356	0.101581	0.340695	0.864511	56.80431	0.046112	0.042423	0.004704	0.000464	1842953	661233.2	1762.873	85646059
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.044202	0.053485	0.063651	0.221662	0.51817	33.06534	0.02805	0.025806	0.002737	0.00027	1072769	441334.2	998.8317	58081528
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.252477	0.305497	0.363566	1.140352	2.226934	147.4055	0.144756	0.133176	0.012187	0.001203	4782409	2996559	9181.468	2.41E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.226836	0.274471	0.326644	1.088646	2.287087	160.0151	0.16904	0.155517	0.013242	0.001306	5191514	2479585	9258.002	2.49E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.156641	0.189536	0.225564	1.535096	2.009319	94.48926	0.104217	0.09588	0.007813	0.000771	3065600	598057.3	818.5231	1.49E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	1.741051	2.106672	2.507114	11.48133	23.38859	1304.006	1.180393	1.085961	0.107942	0.010643	42307055	11173683	11998.95	2.27E+09
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	1.142924	1.382938	1.645811	11.78741	16.34865	846.3597	0.745592	0.685945	0.070056	0.006908	27459207	2995799	6738.871	1.1E+09
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.25527	0.308876	0.367589	1.141705	2.081376	155.1065	0.176318	0.162213	0.012826	0.001266	5032260	3966981	12005.44	2.6E+08
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.017134	0.020732	0.024673	0.096421	0.259473	17.77817	0.010464	0.009627	0.001473	0.000145	576793.1	140683.8	551.3032	37043789
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	1.926526	2.331096	2.774197	8.978446	19.31019	1187.919	1.386489	1.27557	0.098241	0.009696	38540735	20560797	36208.3	2.01E+09
Statewide	2003	Constructic	Aggregate	Aggregate	Diesel	0.092592	0.112037	0.133333	0.391866	0.702186	48.93699	0.047339	0.043552	0.004044	0.000399	1587707	748590.8	2175.378	58841379
Statewide	2003	Industrial -	Aggregate	Aggregate	Diesel	0.124676	0.150858	0.179534	0.543612	0.891939	75.389	0.077712	0.071495	0.006235	0.000615	2445913	2354914	8159.576	1.48E+08
Statewide	2003	Industrial -	Aggregate	Aggregate	Diesel	0.610336	0.738507	0.878884	2.694773	5.817301	317.2342	0.428259	0.393998	0.026214	0.002589	10292313	11008949	15304.07	9.85E+08
Statewide	2003	Industrial -	Aggregate	Aggregate	Diesel	0.0107	0.01287	0.015381	0.044323	0.072209	0.000116	0.00436	0.003294	9.72E-06	9.66E-07	3842.015	0	1205.776	0
Statewide	2003	Industrial -	Aggregate	Aggregate	Diesel	0.008966	0.010784	0.012889	0.037353	0.07584	0.000135	0.004124	0.003116	8.17E-06	8.12E-07	3231.485	0	347.3891	0
Statewide	2003	Industrial -	Aggregate	Aggregate	Diesel	0.003393	0.004081	0.004877	0.015117	0.028454	5E-05	0.001601	0.001209	3.22E-06	3.2E-07	1272.85	0	205.9209	0
Statewide	2003	Industrial -	Aggregate	Aggregate	Diesel	0.288414	0.348981	0.415316	1.332496	2.340481	153.1952	0.152258	0.140077	0.012661	0.00125	4970248	3105796	3896.762	2.74E+08

Statewide	2003	Industrial -	Aggregate	Aggregate	Diesel	0.124867	0.151089	0.179808	0.729371	1.530491	89.81869	0.084146	0.077415	0.007435	0.000733	2914069	848905.1	1172.144	1.42E+08
Statewide	2003	Light Comn	Aggregate	Aggregate	Diesel	0.117073	0.139395	0.168571	0.353173	0.305915	26.12682	0.036391	0.034042	0.00298	0.000226	898821.6	787148.1	1125.412	29124478
Statewide	2003	Light Comn	Aggregate	Aggregate	Diesel	0.344068	0.410912	0.495176	1.15849	1.437493	122.7299	0.112445	0.117056	0.012468	0.001039	4130067	1584611	13825.13	52292163
Statewide	2003	Light Comn	Aggregate	Aggregate	Diesel	0.001549	0.001852	0.002229	0.005482	0.007704	0.634881	0.000535	0.000573	6.37E-05	5.22E-06	20764.68	15881.15	411.6769	603483.7
Statewide	2003	Light Comn	Aggregate	Aggregate	Diesel	0.212077	0.253274	0.305218	0.668553	0.812607	67.77985	0.068675	0.071606	0.006962	0.000575	2287374	827181.3	7199.041	30605706
Statewide	2003	Light Comn	Aggregate	Aggregate	Diesel	0.537195	0.640108	0.773404	1.640192	1.586002	135.6923	0.169317	0.16284	0.015006	0.001166	4635966	3104099	8199.867	1.43E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.078282	0.094721	0.112726	0.463159	1.201978	86.77657	0.049536	0.045573	0.007196	0.000708	2815370	487102.8	1393.552	1.08E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.285371	0.345299	0.410934	2.149111	3.912776	204.5589	0.187579	0.172573	0.016935	0.00167	6636688	1924075	4196.891	4.45E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.603485	0.730217	0.869019	4.083818	8.338391	504.9819	0.405113	0.372704	0.041834	0.004122	16383583	3474667	7730.83	7.4E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.892632	1.080084	1.28539	4.328773	12.00965	909.7897	0.538547	0.495463	0.075423	0.007426	29517126	9419132	15034.12	1.49E+09
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.429254	0.519397	0.618126	2.607221	5.936889	342.1086	0.288286	0.265223	0.028336	0.002792	11099335	2783170	4861.196	5.24E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.002678	0.003221	0.00385	0.008638	0.014971	2.54E-05	0.000977	0.000738	2.12E-06	2.1E-07	836.4071	0	87.53415	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.003201	0.003851	0.004602	0.012366	0.021212	3.13E-05	0.001454	0.001098	2.79E-06	2.77E-07	1103.814	0	599.54	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.004023	0.004793	0.005793	0.012576	0.012678	0.904259	0.001337	0.001208	0.000106	7.75E-06	30799.95	21480.25	55.24195	708848.3
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.000367	0.000442	0.000528	0.001096	0.001828	3.05E-06	0.000125	9.47E-05	2.79E-07	2.77E-08	110.1937	0	25.15433	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.001544	0.001857	0.002219	0.005441	0.012159	2.19E-05	0.000649	0.000491	1.28E-06	1.27E-07	505.8954	0	39.7	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.004644	0.005586	0.006676	0.021875	0.037428	6.48E-05	0.002254	0.001703	4.56E-06	4.53E-07	1802.322	0	371.1408	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.000712	0.000856	0.001023	0.002098	0.003408	5.65E-06	0.000239	0.00018	5.36E-07	5.33E-08	212.1528	0	15.33	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.000997	0.0012	0.001434	0.003118	0.005727	9.85E-06	0.000361	0.000273	7.75E-07	7.7E-08	306.465	0	39.09471	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.001569	0.001888	0.002256	0.007689	0.012913	2.16E-05	0.000799	0.000604	1.58E-06	1.57E-07	624.1903	0	347.27	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.011543	0.013884	0.016593	0.047434	0.085281	0.000148	0.005112	0.003862	1.04E-05	1.04E-06	4126.076	0	1056.959	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.00023	0.000277	0.000331	0.000785	0.001673	2.98E-06	9.31E-05	7.03E-05	1.87E-07	1.86E-08	74.09918	0	7.656891	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.02452	0.029472	0.035251	0.122087	0.199275	0.40004	0.012262	0.009348	7.04E-05	5.71E-06	22713.71	7599.3	3049.728	281174.1
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.123052	0.148004	0.176888	0.384556	0.704622	0.001213	0.04399	0.033237	9.56E-05	9.5E-06	37805.02	0	4383.42	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.011628	0.013986	0.016716	0.03529	0.061103	0.000103	0.004054	0.003063	8.9E-06	8.84E-07	3518.683	0	287.2253	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.009213	0.011081	0.013243	0.036167	0.075376	0.000135	0.004111	0.003106	8.11E-06	8.06E-07	3207.515	0	463.2472	0
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.287118	0.347412	0.413449	1.469715	2.892446	191.8509	0.164656	0.151484	0.015878	0.001566	6224391	2206520	3420.29	2.73E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	1.266302	1.532226	1.823475	9.391539	19.10389	1154.571	0.801161	0.737068	0.095679	0.009423	37458784	4696023	3579.94	1.89E+09
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.331942	0.401649	0.477996	2.16538	4.160476	257.437	0.209627	0.192856	0.02132	0.002101	8352259	2244314	5177.789	3.86E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.073041	0.08838	0.10518	0.357014	0.898584	60.60854	0.048249	0.044389	0.005021	0.000495	1966377	705666.9	1838.677	91365866
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.045343	0.054865	0.065294	0.231057	0.538346	35.28929	0.029174	0.02684	0.002923	0.000288	1144922	471028.6	1041.781	62002848
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.251756	0.304624	0.362528	1.180157	2.251348	157.377	0.147359	0.13557	0.01302	0.001284	5105923	3198043	9576.272	2.57E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.233283	0.282273	0.335928	1.157995	2.370475	170.8205	0.176865	0.162716	0.014144	0.001394	5542085	2646307	9656.096	2.66E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.159314	0.19277	0.229413	1.543502	2.067836	101.0038	0.106055	0.097571	0.008357	0.000824	3276956	638315.6	853.7196	1.59E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	1.665189	2.014879	2.397873	10.55569	23.12523	1392.738	1.136822	1.045876	0.115379	0.011367	45185855	11925276	12514.91	2.42E+09
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	1.101963	1.333375	1.586827	11.03134	16.22656	903.1443	0.720267	0.662646	0.074814	0.007371	29301522	3197242	7028.642	1.17E+09
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.25731	0.311346	0.370527	1.198108	2.134101	165.5706	0.182834	0.168208	0.0137	0.001351	5371755	4233707	12521.67	2.77E+08
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.016596	0.020081	0.023898	0.089872	0.259706	18.98398	0.010237	0.009418	0.001574	0.000155	615914.2	150163.7	575.0092	39530429
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	1.930605	2.336033	2.780072	9.255767	19.56168	1267.978	1.413263	1.300202	0.104932	0.010349	41138149	21944372	37765.25	2.14E+09
Statewide	2004	Constructic	Aggregate	Aggregate	Diesel	0.093235	0.112814	0.134258	0.404467	0.730822	52.24646	0.049012	0.045091	0.00432	0.000426	1695079	798970	2268.919	62820450
Statewide	2004	Industrial -	Aggregate	Aggregate	Diesel	0.128586	0.15559	0.185164	0.576409	0.937964	80.46759	0.081163	0.07467	0.006657	0.000657	2610682	2513553	8511.205	1.58E+08
Statewide	2004	Industrial -	Aggregate	Aggregate	Diesel	0.598982	0.724768	0.862534	2.74559	5.792534	338.6047	0.429507	0.395146	0.027996	0.002764	10985657	11750569	15963.59	1.05E+09
Statewide	2004	Industrial -	Aggregate	Aggregate	Diesel	0.010239	0.012315	0.014718	0.042928	0.070979	0.000117	0.004269	0.003225	9.36E-06	9.31E-07	3702.831	0	1214.419	0
Statewide	2004	Industrial -	Aggregate	Aggregate	Diesel	0.008823	0.010612	0.012683	0.036083	0.075105	0.000135	0.004049	0.003059	7.95E-06	7.91E-07	3145.678	0	345.7461	0
Statewide	2004	Industrial -	Aggregate	Aggregate	Diesel	0.003133	0.003769	0.004504	0.01359	0.026562	4.71E-05	0.001473	0.001113	2.92E-06	2.91E-07	1156.631	0	193.4276	0
Statewide	2004	Industrial -	Aggregate	Aggregate	Diesel	0.285434	0.345375	0.411025	1.299898	2.363831	163.5152	0.152486	0.140287	0.01352	0.001335	5305070	3315019	4064.689	2.92E+08
Statewide	2004	Industrial -	Aggregate	Aggregate	Diesel	0.121509	0.147026	0.174973	0.692632	1.529706	95.86935	0.082868	0.076238	0.007939	0.000782	3110375	906091.8	1222.656	1.52E+08

Statewide	2004	Light Comn	Aggregate	Aggregate	Diesel	0.114661	0.136523	0.165099	0.350562	0.304964	26.45272	0.036063	0.033728	0.003017	0.000229	908960.2	796941	1139.372	29486817
Statewide	2004	Light Comn	Aggregate	Aggregate	Diesel	0.333859	0.398707	0.480486	1.143953	1.430198	124.2562	0.110814	0.115253	0.012619	0.00105	4177384	1604365	13997	52944038
Statewide	2004	Light Comn	Aggregate	Aggregate	Diesel	0.0015	0.001793	0.002159	0.005419	0.007643	0.642879	0.000526	0.000563	6.45E-05	5.28E-06	20992.68	16092.85	417.0464	611528.3
Statewide	2004	Light Comn	Aggregate	Aggregate	Diesel	0.206283	0.246349	0.29688	0.661089	0.807739	68.62077	0.067704	0.070527	0.007047	0.000582	2313478	837467	7288.044	30986277
Statewide	2004	Light Comn	Aggregate	Aggregate	Diesel	0.52494	0.625495	0.755762	1.625939	1.579864	137.3818	0.167534	0.161048	0.015192	0.001179	4688326	3142738	8302.093	1.45E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.072573	0.087813	0.104505	0.450236	1.18603	92.03292	0.047301	0.043517	0.007651	0.000751	2985907	518530.8	1450.702	1.15E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.282301	0.341585	0.406514	2.095472	3.946479	217.6484	0.187279	0.172297	0.018065	0.001776	7061364	2048351	4369.007	4.73E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.558348	0.675601	0.804021	3.756193	8.104489	537.7565	0.381095	0.350607	0.044671	0.004389	17446918	3699041	8047.875	7.87E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.807388	0.97694	1.162639	4.251091	11.75256	969.0938	0.510015	0.469214	0.080556	0.00791	31441182	10027025	15650.68	1.58E+09
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.382572	0.462913	0.550904	2.391025	5.64533	366.1683	0.259941	0.239145	0.030417	0.002989	11879928	2962841	5060.555	5.61E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.002299	0.002765	0.003304	0.007888	0.014188	2.55E-05	0.000892	0.000674	1.88E-06	1.87E-07	742.1523	0	87.86634	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.002933	0.003528	0.004216	0.012064	0.019854	3.19E-05	0.001338	0.001011	2.65E-06	2.64E-07	1048.821	0	610.3499	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.003858	0.004595	0.005554	0.012378	0.012578	0.920678	0.001312	0.001187	0.000108	7.89E-06	31346.57	21867.15	56.25376	721616
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.000334	0.000402	0.000481	0.001035	0.001788	3.12E-06	0.000119	9.01E-05	2.58E-07	2.57E-08	102.1927	0	25.67993	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.001446	0.001739	0.002079	0.005352	0.011659	2.23E-05	0.000641	0.000484	1.23E-06	1.22E-07	486.9182	0	40.46	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.004335	0.005214	0.006231	0.021993	0.034682	6.61E-05	0.002134	0.001612	4.46E-06	4.43E-07	1762.738	0	378.4585	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.000659	0.000792	0.000947	0.002003	0.003354	5.78E-06	0.00023	0.000174	5.04E-07	5.01E-08	199.4752	0	15.68	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.00088	0.001059	0.001265	0.002901	0.005561	1.01E-05	0.00034	0.000257	7.03E-07	6.99E-08	278.106	0	39.91887	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.001463	0.00176	0.002104	0.007711	0.011962	2.2E-05	0.000747	0.000564	1.54E-06	1.53E-07	609.6508	0	353.44	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.01027	0.012353	0.014763	0.045925	0.079897	0.000151	0.004765	0.0036	9.76E-06	9.71E-07	3861.265	0	1074.294	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.000214	0.000257	0.000307	0.000768	0.001633	3.08E-06	9.16E-05	6.92E-05	1.79E-07	1.78E-08	70.80949	0	7.909764	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.022736	0.027328	0.032688	0.12419	0.175901	0.407304	0.011365	0.00867	7.09E-05	5.73E-06	22802.61	7730.7	3105.149	286035.9
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.115223	0.138588	0.165636	0.372137	0.685018	0.001232	0.042894	0.032409	9.11E-05	9.05E-06	36016.63	0	4452.374	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.0104	0.012509	0.01495	0.03298	0.059426	0.000105	0.003825	0.00289	8.14E-06	8.09E-07	3219.651	0	292.8234	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.008809	0.010595	0.012663	0.036399	0.07115	0.000138	0.004042	0.003054	7.99E-06	7.94E-07	3159.761	0	471.6937	0
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.271056	0.327977	0.39032	1.456769	2.905502	204.3658	0.160511	0.147671	0.016961	0.001668	6630423	2348932	3560.558	2.9E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	1.188299	1.437842	1.71115	7.987702	18.69301	1230.003	0.745094	0.685487	0.1022	0.010039	39906084	4999263	3726.755	2.01E+09
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.30852	0.373309	0.444269	2.017904	4.058877	274.2747	0.199018	0.183096	0.022777	0.002239	8898541	2389209	5390.132	4.11E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.070888	0.085775	0.102079	0.36037	0.899654	64.54176	0.04766	0.043847	0.00536	0.000527	2093986	751261.5	1914.081	97218044
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.042159	0.051012	0.060709	0.232361	0.529467	37.58126	0.027941	0.025705	0.003121	0.000307	1219283	501418.9	1084.505	65963870
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.238818	0.28897	0.343898	1.207616	2.256329	167.6171	0.145658	0.134005	0.013906	0.001368	5438152	3404483	9968.998	2.74E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.215428	0.260667	0.310216	1.207407	2.325485	181.9144	0.170347	0.15672	0.015104	0.001485	5902011	2817295	10052.1	2.83E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.152711	0.18478	0.219904	1.449044	2.035611	107.4889	0.102384	0.094193	0.008918	0.000877	3487357	679496.2	888.731	1.7E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	1.513056	1.830798	2.178801	9.355524	22.13183	1481.751	1.042982	0.959543	0.123095	0.012094	48073774	12695164	13028.15	2.57E+09
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.991754	1.200022	1.428125	9.613649	15.47312	961.9015	0.654534	0.602171	0.079907	0.007851	31207835	3403869	7316.89	1.25E+09
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.229521	0.277721	0.330511	1.224838	2.115998	176.3086	0.170441	0.156805	0.014633	0.001439	5720137	4507056	13035.19	2.95E+08
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.016372	0.01981	0.023575	0.089785	0.265678	20.22007	0.010243	0.009423	0.001681	0.000165	656018	159845.4	598.5906	42070274
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	1.755416	2.124053	2.527798	9.212588	18.93642	1351.873	1.328782	1.222479	0.112204	0.011034	43860038	23361366	39314.02	2.29E+09
Statewide	2005	Constructic	Aggregate	Aggregate	Diesel	0.086196	0.104297	0.124122	0.400881	0.752487	55.64889	0.048733	0.044834	0.004615	0.000454	1805467	850571.7	2361.968	66966596
Statewide	2005	Industrial -	Aggregate	Aggregate	Diesel	0.125321	0.151638	0.180462	0.602758	0.972859	85.6506	0.081364	0.074855	0.007075	0.000699	2778839	2675454	8859.032	1.68E+08
Statewide	2005	Industrial -	Aggregate	Aggregate	Diesel	0.574972	0.695716	0.827959	2.82394	5.759322	360.4146	0.420274	0.386652	0.029759	0.002942	11693256	12507437	16615.97	1.12E+09
Statewide	2005	Industrial -	Aggregate	Aggregate	Diesel	0.009694	0.01166	0.013935	0.041871	0.06789	0.000117	0.004145	0.003132	9.02E-06	8.97E-07	3568.601	0	1223.392	0
Statewide	2005	Industrial -	Aggregate	Aggregate	Diesel	0.008121	0.009768	0.011675	0.034965	0.067833	0.000132	0.003844	0.002904	7.55E-06	7.5E-07	2984.981	0	340.2485	0
Statewide	2005	Industrial -	Aggregate	Aggregate	Diesel	0.002712	0.003262	0.003899	0.012421	0.022764	4.38E-05	0.001308	0.000988	2.62E-06	2.6E-07	1034.793	0	179.2221	0
Statewide	2005	Industrial -	Aggregate	Aggregate	Diesel	0.255125	0.308701	0.36738	1.243966	2.28314	174.0474	0.142111	0.130742	0.014377	0.001421	5646775	3528543	4230.801	3.11E+08
Statewide	2005	Industrial -	Aggregate	Aggregate	Diesel	0.112537	0.13617	0.162054	0.652172	1.481888	102.0444	0.078338	0.072071	0.008439	0.000833	3310718	964454.2	1272.623	1.61E+08
Statewide	2005	Light Comn	Aggregate	Aggregate	Diesel	0.111482	0.132737	0.160522	0.347113	0.303293	26.75844	0.035601	0.033291	0.003052	0.000231	918145.7	806142.7	1152.432	29827278

Statewide	2005	Light Comn	Aggregate	Aggregate	Diesel	0.321002	0.383342	0.461983	1.127086	1.412156	125.6868	0.108688	0.112937	0.012761	0.001061	4220948	1622786	14158.32	53551950
Statewide	2005	Light Comn	Aggregate	Aggregate	Diesel	0.001437	0.001718	0.002068	0.005344	0.007516	0.650304	0.000514	0.000549	6.52E-05	5.33E-06	21187.5	16304.55	421.8458	619572.9
Statewide	2005	Light Comn	Aggregate	Aggregate	Diesel	0.199026	0.237679	0.286437	0.652238	0.79711	69.41063	0.066428	0.069128	0.007126	0.000588	2337522	847070.1	7371.927	31341594
Statewide	2005	Light Comn	Aggregate	Aggregate	Diesel	0.508982	0.606473	0.732789	1.607534	1.567551	138.9618	0.165074	0.158609	0.015365	0.001191	4736115	3178869	8397.698	1.46E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.066873	0.080917	0.096298	0.441715	1.123043	95.0691	0.044863	0.041274	0.007939	0.000776	3084412	534802.3	1479.64	1.18E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.268994	0.325482	0.387351	1.934083	3.808837	224.4746	0.179986	0.165587	0.018715	0.001832	7282832	2112606	4456.157	4.88E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.5014	0.606694	0.722016	3.383933	7.558584	555.2019	0.348903	0.320991	0.046332	0.004531	18012914	3815035	8208.408	8.12E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.714388	0.864409	1.028719	4.153903	11.07604	999.3074	0.475351	0.437323	0.083445	0.008156	32421429	10341579	15962.87	1.63E+09
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.360767	0.436529	0.519505	2.257969	5.464744	378.3568	0.246686	0.226951	0.031569	0.003088	12275371	3055809	5161.5	5.79E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.002001	0.002407	0.002876	0.007329	0.013544	2.57E-05	0.000827	0.000625	1.95E-07	1.68E-07	669.7091	0	88.5959	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.002692	0.003238	0.003869	0.011814	0.018618	3.24E-05	0.001234	0.000932	2.92E-07	2.51E-07	1000.433	0	621.41	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.003729	0.004441	0.005369	0.012283	0.012525	0.937094	0.001297	0.001173	0.000109	8.01E-06	31821.47	22290.55	57.34288	735588.2
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.000301	0.000362	0.000432	0.000971	0.00174	3.17E-06	0.000113	8.53E-05	2.74E-08	2.36E-08	93.9528	0	26.09536	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.001387	0.001668	0.001993	0.005341	0.011195	2.27E-05	0.000641	0.000485	1.39E-07	1.2E-07	477.5934	0	41.16	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.004131	0.004969	0.005939	0.022299	0.032301	6.74E-05	0.00205	0.001549	5.1E-07	4.39E-07	1748.28	0	385.6603	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.000599	0.000721	0.000862	0.00189	0.003273	5.87E-06	0.000219	0.000165	5.4E-08	4.65E-08	184.996	0	15.92	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.000815	0.00098	0.001172	0.002795	0.005415	1.02E-05	0.00033	0.000249	7.68E-08	6.61E-08	263.0988	0	40.52399	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.00139	0.001672	0.001998	0.007791	0.011179	2.24E-05	0.00071	0.000537	1.76E-07	1.52E-07	602.8765	0	359.83	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.009743	0.011719	0.014006	0.046009	0.075637	0.000153	0.004612	0.003485	1.11E-06	9.52E-07	3787.779	0	1091.729	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.000209	0.000251	0.0003	0.000787	0.001638	3.27E-06	9.42E-05	7.12E-05	2.07E-08	1.78E-08	70.99167	0	8.400286	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.02123	0.025517	0.030522	0.126285	0.156051	0.414566	0.010612	0.0081	5.1E-05	5.77E-06	22962.18	7876.7	3160.499	291437.9
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.109021	0.131128	0.156719	0.36309	0.666444	0.00125	0.042141	0.03184	1.01E-05	8.71E-06	34640.02	0	4514.903	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.009247	0.011122	0.013292	0.030837	0.057881	0.000107	0.003612	0.002729	8.58E-07	7.39E-07	2940.167	0	298.6468	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.008482	0.010202	0.012193	0.036799	0.067129	0.00014	0.003998	0.00302	9.14E-07	7.87E-07	3131.936	0	480.7248	0
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.250885	0.303571	0.361275	1.374667	2.807001	210.9003	0.15222	0.140042	0.017584	0.001721	6842427	2422655	3631.581	3E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	1.073041	1.29838	1.545179	7.020579	17.46337	1270.333	0.669623	0.616053	0.106031	0.010368	41214540	5156089	3801.094	2.08E+09
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.280128	0.338955	0.403384	1.869981	3.831637	283.1642	0.185271	0.170449	0.023624	0.002311	9186952	2464088	5497.651	4.25E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.063855	0.077264	0.091951	0.344446	0.846387	66.5688	0.044306	0.040761	0.005554	0.000543	2159751	774815.5	1952.262	1E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.039683	0.048016	0.057143	0.233374	0.519835	38.76166	0.027058	0.024893	0.003233	0.000316	1257579	517106	1106.138	68016996
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.225786	0.273201	0.325132	1.213361	2.229621	172.8647	0.142691	0.131276	0.014407	0.001411	5608404	3511383	10167.85	2.82E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.176138	0.213127	0.253638	1.210559	2.231885	187.6695	0.145779	0.134117	0.015659	0.001532	6088731	2905865	10252.61	2.92E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.148034	0.179122	0.213169	1.37436	1.983704	110.9029	0.099696	0.09172	0.009242	0.000905	3598123	700812.5	906.4588	1.75E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	1.353537	1.63778	1.949093	8.290966	20.56928	1527.294	0.941676	0.866342	0.127462	0.012466	49551374	13093361	13288.03	2.65E+09
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.850941	1.029638	1.225355	8.118924	13.82369	992.0046	0.573463	0.527586	0.082796	0.008097	32184497	3510634	7462.842	1.29E+09
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.201292	0.243563	0.289861	1.232709	2.067186	181.9146	0.154872	0.142483	0.015171	0.001485	5902020	4648834	13295.21	3.04E+08
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.01483	0.017944	0.021355	0.084542	0.249401	20.87203	0.009569	0.008803	0.001743	0.00017	677169.9	164881	610.5309	43419291
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	1.57708	1.908266	2.270995	9.146631	18.09532	1395.139	1.232541	1.133938	0.11634	0.011387	45263752	24094192	40098.23	2.36E+09
Statewide	2006	Constructic	Aggregate	Aggregate	Diesel	0.079466	0.096153	0.114431	0.39536	0.747412	57.39276	0.047124	0.043354	0.004782	0.000468	1862045	877298.1	2409.083	69097561
Statewide	2006	Industrial -	Aggregate	Aggregate	Diesel	0.107548	0.130133	0.154869	0.598034	0.959821	88.34901	0.074705	0.068728	0.007319	0.000721	2866386	2759744	9036.92	1.74E+08
Statewide	2006	Industrial -	Aggregate	Aggregate	Diesel	0.525652	0.636039	0.756939	2.83556	5.497709	371.7695	0.393707	0.36221	0.030778	0.003034	12061651	12901482	16949.62	1.15E+09
Statewide	2006	Industrial -	Aggregate	Aggregate	Diesel	0.009225	0.011095	0.013261	0.041101	0.06531	0.000118	0.004031	0.003046	1.01E-06	8.7E-07	3460.051	0	1225.667	0
Statewide	2006	Industrial -	Aggregate	Aggregate	Diesel	0.007441	0.008949	0.010696	0.033858	0.060716	0.000128	0.003639	0.002749	8.25E-07	7.11E-07	2827.927	0	331.7794	0
Statewide	2006	Industrial -	Aggregate	Aggregate	Diesel	0.002313	0.002782	0.003325	0.011309	0.019131	4.01E-05	0.001149	0.000868	2.68E-07	2.31E-07	918.9592	0	164.3356	0
Statewide	2006	Industrial -	Aggregate	Aggregate	Diesel	0.245999	0.297659	0.354238	1.259673	2.24519	179.5307	0.141561	0.130236	0.014865	0.001465	5824676	3639709	4315.755	3.21E+08
Statewide	2006	Industrial -	Aggregate	Aggregate	Diesel	0.090096	0.109016	0.129738	0.60277	1.293854	105.2593	0.065609	0.06036	0.00873	0.000859	3415022	994839.2	1298.177	1.67E+08
Statewide	2006	Light Comn	Aggregate	Aggregate	Diesel	0.108006	0.128597	0.155517	0.343128	0.300825	26.95384	0.03505	0.03277	0.002912	0.000232	923741.5	812037.4	1160.922	30045384
Statewide	2006	Light Comn	Aggregate	Aggregate	Diesel	0.30735	0.367032	0.442338	1.107415	1.390754	126.6073	0.106239	0.11031	0.00856	0.001068	4247555	1634685	14261.89	53944617

Statewide	2006	Light Comn	Aggregate	Aggregate	Diesel	0.001371	0.001638	0.001972	0.005254	0.007373	0.65514	0.000501	0.000534	4.16E-05	5.36E-06	21330.17	16446.9	424.9657	624982.2
Statewide	2006	Light Comn	Aggregate	Aggregate	Diesel	0.191243	0.228383	0.275236	0.641758	0.784639	69.91929	0.064959	0.067544	0.00497	0.000592	2352195	853366.4	7426.003	31574555
Statewide	2006	Light Comn	Aggregate	Aggregate	Diesel	0.491373	0.585485	0.707438	1.585367	1.551121	139.9809	0.162099	0.155689	0.013537	0.001199	4765138	3202207	8459.216	1.47E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.052232	0.0632	0.075214	0.402705	0.918868	90.63482	0.037357	0.034368	0.000836	0.00074	2940547	511255.1	1437.626	1.13E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.23443	0.28366	0.337579	1.675598	3.365033	214.5273	0.158995	0.146276	0.001976	0.001751	6960102	2019620	4329.628	4.67E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.449389	0.543761	0.647121	3.095273	6.860881	530.7765	0.316584	0.291258	0.004894	0.004332	17220458	3647087	7975.337	7.76E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.619388	0.74946	0.891919	3.865897	9.993853	954.79	0.429872	0.395482	0.008809	0.007793	30977111	9886601	15509.62	1.56E+09
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.329586	0.3988	0.474605	2.066376	5.012959	361.7445	0.225852	0.207784	0.003335	0.002953	11736403	2921196	5014.943	5.54E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.00183	0.002201	0.00263	0.007082	0.013134	2.61E-05	0.000774	0.000585	1.84E-07	1.59E-07	631.8641	0	90.3022	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.002566	0.003086	0.003689	0.011775	0.017911	3.3E-05	0.001152	0.00087	2.86E-07	2.46E-07	979.9264	0	632.25	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.003593	0.004279	0.005173	0.012177	0.012457	0.953512	0.001238	0.001118	1.24E-05	8.13E-06	32325.53	22673.8	58.27629	748235.4
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.000269	0.000323	0.000386	0.000909	0.001693	3.21E-06	0.000104	7.85E-05	2.51E-08	2.16E-08	86.08938	0	26.46957	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.001368	0.001645	0.001966	0.005418	0.010823	2.32E-05	0.000634	0.000479	1.4E-07	1.2E-07	478.7765	0	41.93	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.00397	0.004776	0.005708	0.022654	0.030285	6.87E-05	0.00193	0.001458	5.08E-07	4.38E-07	1742.652	0	393.2116	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.000546	0.000657	0.000785	0.001795	0.003216	6E-06	0.000204	0.000154	5.03E-08	4.33E-08	172.307	0	16.27	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.000761	0.000915	0.001094	0.002711	0.005277	1.04E-05	0.000313	0.000236	7.32E-08	6.3E-08	250.8393	0	41.12292	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.001342	0.001614	0.001929	0.007911	0.010545	2.28E-05	0.000668	0.000505	1.76E-07	1.51E-07	601.9305	0	366.06	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.009352	0.011249	0.013444	0.046364	0.071962	0.000156	0.004382	0.003311	1.09E-06	9.42E-07	3748.205	0	1110.945	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.000214	0.000258	0.000308	0.000836	0.001686	3.54E-06	9.76E-05	7.38E-05	2.17E-08	1.87E-08	74.38402	0	9.075897	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.021108	0.02537	0.030346	0.128406	0.153348	0.421829	0.010278	0.007844	8.14E-06	5.86E-06	23310.2	8026.35	3215.766	296975
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.104118	0.125231	0.149672	0.356635	0.649235	0.001265	0.040487	0.03059	9.8E-06	8.44E-06	33587.52	0	4571.668	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.008273	0.009951	0.011893	0.029095	0.056614	0.00011	0.003347	0.002529	7.9E-07	6.81E-07	2707.716	0	304.7861	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.008332	0.010022	0.011978	0.037451	0.064485	0.000143	0.003935	0.002973	9.17E-07	7.9E-07	3143.165	0	491.9399	0
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.220273	0.266531	0.317194	1.24632	2.51267	201.6852	0.135904	0.125032	0.001858	0.001646	6543453	2316090	3528.465	2.86E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.860511	1.041218	1.239136	5.794521	14.68391	1215.007	0.549795	0.505812	0.011208	0.009917	39419571	4929057	3693.164	1.99E+09
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.235695	0.285191	0.339401	1.612289	3.337626	270.702	0.160711	0.147854	0.002496	0.002209	8782627	2355618	5341.549	4.06E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.05699	0.068958	0.082066	0.322399	0.762848	63.63845	0.040617	0.037367	0.000587	0.000519	2064679	740747.1	1896.829	95814741
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.034965	0.042308	0.050349	0.215826	0.475006	37.05469	0.02457	0.022604	0.000342	0.000302	1202199	494388.1	1074.73	65007883
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.201695	0.244051	0.290441	1.14609	2.04268	165.2121	0.130871	0.120401	0.001521	0.001348	5360125	3356771	9879.145	2.7E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.152497	0.184521	0.219596	1.147208	2.0654	179.3126	0.129606	0.119237	0.001653	0.001464	5817600	2777899	9961.494	2.79E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.136324	0.164952	0.196306	1.250494	1.825371	106.0746	0.091616	0.084287	0.000977	0.000866	3441474	669965.5	880.7206	1.68E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	1.185084	1.433952	1.706521	7.319073	18.25695	1459.801	0.829055	0.762731	0.013461	0.011915	47361629	12517172	12910.72	2.53E+09
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.746338	0.903069	1.074726	7.101119	12.34697	949.0557	0.50754	0.466937	0.008752	0.007746	30791068	3356111	7250.941	1.23E+09
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.166702	0.20171	0.240051	1.157742	1.89341	173.9469	0.133259	0.122598	0.001603	0.00142	5643517	4443916	12917.7	2.91E+08
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.011363	0.013749	0.016363	0.069972	0.206471	19.95599	0.007747	0.007128	0.000184	0.000163	647450.1	157621.6	593.1953	41491637
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	1.382633	1.672986	1.990991	8.552768	16.35031	1334.718	1.110751	1.021891	0.012299	0.010894	43303443	23033558	38959.67	2.26E+09
Statewide	2007	Constructic	Aggregate	Aggregate	Diesel	0.069214	0.083749	0.099669	0.359393	0.662188	54.91413	0.042347	0.038959	0.000506	0.000448	1781628	838623.3	2340.679	66079401
Statewide	2007	Industrial -	Aggregate	Aggregate	Diesel	0.079728	0.096471	0.114808	0.546903	0.866753	84.45712	0.060922	0.056049	0.000778	0.000689	2740118	2638174	8780.021	1.66E+08
Statewide	2007	Industrial -	Aggregate	Aggregate	Diesel	0.490746	0.593802	0.706674	2.714351	5.121595	355.3925	0.371476	0.341758	0.003271	0.002901	11530319	12333155	16467.78	1.1E+09
Statewide	2007	Industrial -	Aggregate	Aggregate	Diesel	0.008686	0.010448	0.012487	0.040174	0.062637	0.000117	0.003792	0.002865	9.73E-07	8.38E-07	3333.282	0	1220.786	0
Statewide	2007	Industrial -	Aggregate	Aggregate	Diesel	0.006992	0.00841	0.010052	0.032781	0.055789	0.000125	0.00341	0.002576	7.9E-07	6.8E-07	2706.69	0	322.4049	0
Statewide	2007	Industrial -	Aggregate	Aggregate	Diesel	0.002122	0.002552	0.00305	0.010823	0.01721	3.84E-05	0.001055	0.000797	2.53E-07	2.18E-07	865.9482	0	158.3582	0
Statewide	2007	Industrial -	Aggregate	Aggregate	Diesel	0.202167	0.244622	0.291121	1.144116	2.001459	171.6222	0.124494	0.114534	0.001581	0.001401	5568092	3479375	4193.068	3.07E+08
Statewide	2007	Industrial -	Aggregate	Aggregate	Diesel	0.082562	0.099901	0.11889	0.572961	1.175685	100.6225	0.061452	0.056536	0.000928	0.000821	3264586	951015.2	1261.273	1.59E+08
Statewide	2007	Light Comn	Aggregate	Aggregate	Diesel	0.105316	0.125394	0.151644	0.341171	0.299259	27.14998	0.033504	0.031321	0.000344	0.000234	929497.2	817924.9	1169.312	30263219
Statewide	2007	Light Comn	Aggregate	Aggregate	Diesel	0.2959	0.353352	0.42586	1.092372	1.373378	127.5272	0.100837	0.104656	0.001456	0.001075	4274807	1646614	14365.3	54338247
Statewide	2007	Light Comn	Aggregate	Aggregate	Diesel	0.001313	0.00157	0.00189	0.005182	0.007255	0.659976	0.000474	0.000505	7.45E-06	5.39E-06	21448.09	16556.4	428.2253	629143.2

Statewide	2007	Light Comn	Aggregate	Aggregate	Diesel	0.184725	0.220597	0.265855	0.634015	0.774536	70.42755	0.061686	0.064107	0.000812	0.000595	2367178	859607.9	7479.898	31805490
Statewide	2007	Light Comn	Aggregate	Aggregate	Diesel	0.477149	0.568531	0.686961	1.571441	1.539107	140.9979	0.154512	0.14836	0.001736	0.001206	4795038	3225556	8520.543	1.48E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.039698	0.048035	0.057165	0.346623	0.729052	80.27789	0.02972	0.027343	0.000741	0.000655	2604528	451199.4	1326.172	99929270
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.196463	0.237721	0.282907	1.430074	2.843317	189.3584	0.134397	0.123645	0.001745	0.001546	6143526	1782183	3993.968	4.12E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.370997	0.448906	0.534235	2.552363	5.709719	468.6385	0.264442	0.243287	0.004322	0.003825	15204460	3218455	7357.038	6.85E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.510696	0.617943	0.735403	3.369521	8.449613	842.3304	0.363389	0.334318	0.007772	0.006875	27328481	8724638	14307.21	1.37E+09
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.266129	0.322016	0.383226	1.533285	4.093747	317.985	0.182971	0.168333	0.002932	0.002595	10316672	2577988	4626.153	4.88E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.001717	0.002066	0.002469	0.006973	0.012894	2.67E-05	0.000699	0.000528	1.78E-07	1.53E-07	609.7362	0	92.53725	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.002457	0.002955	0.003532	0.011766	0.017295	3.36E-05	0.00105	0.000794	2.81E-07	2.42E-07	963.366	0	643.13	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.003438	0.004096	0.004951	0.012054	0.012399	0.96993	0.001192	0.001077	1.26E-05	8.26E-06	32819.35	23071.65	59.46154	761364.5
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.00024	0.000288	0.000344	0.000856	0.001652	3.27E-06	9.31E-05	7.03E-05	2.31E-08	1.99E-08	79.06987	0	26.89088	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.001361	0.001637	0.001956	0.005511	0.010506	2.36E-05	0.000563	0.000425	1.41E-07	1.21E-07	482.5018	0	42.65	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.00396	0.004762	0.005692	0.02303	0.030048	7.01E-05	0.001636	0.001236	5.14E-07	4.42E-07	1760.248	0	400.8108	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.000499	0.000601	0.000718	0.001715	0.003177	6.15E-06	0.000187	0.000141	4.71E-08	4.05E-08	161.3194	0	16.69	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.000718	0.000864	0.001033	0.002655	0.005163	1.05E-05	0.000286	0.000216	7.05E-08	6.07E-08	241.7011	0	41.78844	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.00131	0.001575	0.001883	0.008048	0.010035	2.32E-05	0.000571	0.000432	1.76E-07	1.52E-07	604.158	0	372.4	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.009218	0.011088	0.013251	0.046921	0.070717	0.000158	0.003837	0.002899	1.1E-06	9.44E-07	3756.811	0	1131.666	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.000223	0.000269	0.000321	0.000894	0.001745	3.82E-06	9.22E-05	6.96E-05	2.3E-08	1.98E-08	78.66372	0	9.787619	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.021307	0.02561	0.030632	0.130528	0.154684	0.429092	0.007995	0.006117	8.27E-06	5.96E-06	23695.03	8165.05	3271.095	302106.9
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.099847	0.120094	0.143531	0.351364	0.633687	0.001281	0.037213	0.028117	9.54E-06	8.22E-06	32688.48	0	4627.643	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.007879	0.009477	0.011326	0.028605	0.0558	0.000112	0.003111	0.00235	7.66E-07	6.6E-07	2624.603	0	310.238	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.008362	0.010058	0.01202	0.038259	0.063897	0.000147	0.003417	0.002582	9.3E-07	8.01E-07	3188.784	0	503.9785	0
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.181499	0.219614	0.261358	1.074931	2.081133	178.056	0.114344	0.105196	0.001641	0.001453	5776831	2043928	3254.916	2.53E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.755564	0.914232	1.088012	5.029257	12.6091	1072.782	0.477977	0.439739	0.009896	0.008756	34805233	4349656	3406.847	1.76E+09
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.193981	0.234717	0.279333	1.372326	2.812925	238.9632	0.135114	0.124305	0.002204	0.00195	7752898	2078780	4927.438	3.59E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.046922	0.056775	0.067567	0.280618	0.635198	56.15467	0.034164	0.031431	0.000518	0.000458	1821876	653654	1749.775	84544421
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.028631	0.034644	0.041229	0.179442	0.393582	32.70602	0.020636	0.018985	0.000302	0.000267	1061111	436283.8	991.4104	57370990
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.171543	0.207567	0.247022	1.00668	1.762851	145.8002	0.113248	0.104188	0.001343	0.00119	4730328	2962262	9113.25	2.38E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.127247	0.153969	0.183235	1.011495	1.764535	158.2056	0.110318	0.101492	0.001459	0.001291	5132805	2451119	9189.216	2.46E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.114483	0.138525	0.164856	1.048256	1.531809	93.51427	0.077201	0.071025	0.000861	0.000763	3033968	591208.6	812.4415	1.48E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.997878	1.207432	1.436944	6.262917	15.37471	1288.512	0.698715	0.642818	0.011883	0.010517	41804366	11046093	11909.8	2.23E+09
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.644102	0.779363	0.927506	6.071001	10.6386	837.577	0.437663	0.40265	0.007724	0.006836	27174262	2961423	6688.801	1.09E+09
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.132633	0.160487	0.190992	1.014026	1.577835	153.5537	0.10896	0.100244	0.001416	0.001253	4981880	3921870	11916.24	2.57E+08
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.009471	0.01146	0.013639	0.060898	0.172827	17.60219	0.006595	0.006067	0.000162	0.000144	571083.5	139084	547.207	36600976
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	1.137833	1.376778	1.63848	7.495519	13.64148	1179.185	0.933551	0.858867	0.010868	0.009624	38257364	20326774	35939.27	2E+09
Statewide	2008	Constructic	Aggregate	Aggregate	Diesel	0.059641	0.072165	0.085883	0.318221	0.560289	48.42758	0.036927	0.033973	0.000446	0.000395	1571180	740073.1	2159.215	58305280
Statewide	2008	Industrial -	Aggregate	Aggregate	Diesel	0.058225	0.070452	0.083844	0.470905	0.725388	74.52715	0.048029	0.044187	0.000687	0.000608	2417951	2327992	8098.858	1.46E+08
Statewide	2008	Industrial -	Aggregate	Aggregate	Diesel	0.432643	0.523499	0.623007	2.41348	4.48088	313.6075	0.329139	0.302808	0.002886	0.00256	10174651	10883094	15190.19	9.74E+08
Statewide	2008	Industrial -	Aggregate	Aggregate	Diesel	0.008255	0.009929	0.011866	0.03891	0.059889	0.000117	0.003557	0.002688	9.35E-07	8.06E-07	3205.144	0	1213.867	0
Statewide	2008	Industrial -	Aggregate	Aggregate	Diesel	0.006671	0.008024	0.00959	0.03184	0.052387	0.000121	0.003305	0.002497	7.62E-07	6.56E-07	2611.222	0	313.7187	0
Statewide	2008	Industrial -	Aggregate	Aggregate	Diesel	0.002038	0.002451	0.002929	0.010611	0.016358	3.76E-05	0.001029	0.000777	2.46E-07	2.12E-07	842.7311	0	156.0338	0
Statewide	2008	Industrial -	Aggregate	Aggregate	Diesel	0.176636	0.213729	0.254355	1.015236	1.746419	151.4438	0.109262	0.100521	0.001395	0.001236	4913428	3070291	3867.765	2.71E+08
Statewide	2008	Industrial -	Aggregate	Aggregate	Diesel	0.073002	0.088333	0.105123	0.5083	1.027433	88.79188	0.054585	0.050218	0.000819	0.000725	2880755	839200.4	1163.422	1.4E+08
Statewide	2008	Light Comn	Aggregate	Aggregate	Diesel	0.102517	0.12206	0.147614	0.339482	0.29788	27.34455	0.032823	0.030675	0.000346	0.000235	935291.9	823867.1	1177.742	30483081
Statewide	2008	Light Comn	Aggregate	Aggregate	Diesel	0.284515	0.339755	0.409476	1.078187	1.357255	128.4446	0.098151	0.10192	0.001466	0.001082	4301981	1658549	14468.72	54732119
Statewide	2008	Light Comn	Aggregate	Aggregate	Diesel	0.001256	0.001501	0.001808	0.005111	0.00714	0.664422	0.000459	0.00049	7.5E-06	5.43E-06	21601.29	16680.5	430.9752	633859
Statewide	2008	Light Comn	Aggregate	Aggregate	Diesel	0.178186	0.212789	0.256445	0.62675	0.765156	70.93475	0.059781	0.062058	0.000818	0.000599	2382271	865739.8	7533.704	32032374

Statewide	2008	Light Comn	Aggregate	Aggregate	Diesel	0.46259	0.55118	0.666001	1.558816	1.528226	142.0167	0.150755	0.14466	0.001748	0.001214	4824994	3248785	8582.26	1.49E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.024524	0.029674	0.035314	0.20338	0.494085	63.15604	0.019215	0.017678	0.000583	0.000515	2049028	356500.6	1135.092	78835592
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.15238	0.18438	0.219428	1.109363	2.204431	149.0856	0.103862	0.095553	0.001374	0.001217	4836918	1404251	3414.828	3.25E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.290217	0.351162	0.417912	1.977858	4.431134	369.0004	0.206201	0.189705	0.003403	0.003012	11971813	2536321	6290.064	5.4E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.405378	0.490508	0.583745	2.680667	6.625299	663.104	0.285695	0.262839	0.006119	0.005412	21513680	6867991	12225.54	1.08E+09
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.199981	0.241977	0.287972	1.089224	3.065637	250.7162	0.134175	0.123441	0.002312	0.002046	8134213	2029295	3952.3	3.85E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.001658	0.001994	0.002383	0.006991	0.012784	2.75E-05	0.00064	0.000484	1.76E-07	1.51E-07	601.9194	0	95.23884	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.00236	0.002838	0.003392	0.011776	0.016745	3.41E-05	0.000954	0.000721	2.77E-07	2.39E-07	949.5279	0	653.92	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.003279	0.003905	0.00472	0.011924	0.012339	0.986348	0.001144	0.001035	1.28E-05	8.39E-06	33356.74	23447.6	60.50109	773770.8
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.000231	0.000278	0.000332	0.000848	0.00164	3.34E-06	8.73E-05	6.6E-05	2.26E-08	1.95E-08	77.43064	0	27.47884	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.001371	0.001649	0.001971	0.005593	0.010502	2.39E-05	0.000494	0.000373	1.42E-07	1.23E-07	488.2071	0	43.28	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.003984	0.004792	0.005727	0.023429	0.030154	7.14E-05	0.001376	0.00104	5.21E-07	4.48E-07	1784.179	0	408.4404	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.000452	0.000543	0.000649	0.001628	0.003112	6.24E-06	0.000168	0.000127	4.37E-08	3.77E-08	149.847	0	16.94	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.000683	0.000821	0.000982	0.002614	0.005065	1.07E-05	0.00026	0.000197	6.84E-08	5.89E-08	234.361	0	42.48555	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.001314	0.001581	0.001889	0.008184	0.009985	2.36E-05	0.000496	0.000375	1.78E-07	1.54E-07	611.7557	0	378.69	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.00919	0.011053	0.013211	0.047625	0.070175	0.000161	0.003354	0.002534	1.11E-06	9.52E-07	3788.617	0	1153.088	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.000236	0.000284	0.00034	0.000961	0.001818	4.11E-06	8.77E-05	6.63E-05	2.45E-08	2.11E-08	84.03005	0	10.538	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.021601	0.025964	0.031055	0.132649	0.157244	0.436356	0.006078	0.004668	8.42E-06	6.06E-06	24094.5	8343.9	3326.466	308724.3
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.096249	0.115766	0.138359	0.346485	0.627374	0.001297	0.034014	0.025699	9.31E-06	8.02E-06	31908.95	0	4686.56	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.007592	0.009131	0.010913	0.028343	0.055103	0.000113	0.002898	0.00219	7.5E-07	6.46E-07	2568.833	0	315.5959	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.008551	0.010285	0.012292	0.03928	0.065098	0.000151	0.00293	0.002214	9.54E-07	8.22E-07	3268.831	0	516.7691	0
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.139568	0.168878	0.200978	0.84113	1.592081	140.5064	0.088551	0.081466	0.001295	0.001147	4558575	1610413	2783.106	2E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.613548	0.742393	0.883509	3.985849	9.941472	844.5751	0.380014	0.349613	0.00779	0.006893	27401308	3427757	2912.885	1.39E+09
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.150965	0.182668	0.21739	1.079234	2.17083	188.193	0.104272	0.09593	0.001735	0.001536	6105713	1637474	4211.974	2.83E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.036589	0.044273	0.052688	0.221238	0.490956	44.22621	0.026666	0.024533	0.000408	0.000361	1434871	514518.1	1494.9	66567221
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.021937	0.026543	0.031589	0.139163	0.298892	25.74698	0.015943	0.014668	0.000237	0.00021	835332.5	343447.1	847	45152484
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.134353	0.162567	0.193468	0.797921	1.372588	114.7747	0.088726	0.081628	0.001057	0.000937	3723739	2333889	7792.837	1.88E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.100468	0.121566	0.144674	0.800467	1.387072	124.5447	0.087373	0.080384	0.001148	0.001017	4040717	1929626	7850.7	1.94E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.090515	0.109523	0.130341	0.819947	1.201231	73.61993	0.06079	0.055927	0.000678	0.000601	2388518	465416.4	694.1	1.16E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.78869	0.954315	1.135714	4.955581	11.90411	1013.804	0.538093	0.495046	0.009349	0.008275	32891758	8692792	10175	1.76E+09
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.514524	0.622574	0.740915	4.797356	8.395653	659.3629	0.344503	0.316943	0.006081	0.005382	21392304	2332311	5716.8	8.56E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.100384	0.121464	0.144552	0.800133	1.215333	120.8796	0.083331	0.076664	0.001115	0.000987	3921805	3084588	10180.5	2.02E+08
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.00678	0.008204	0.009763	0.045723	0.12622	13.85917	0.00483	0.004443	0.000128	0.000113	449645.4	109495.2	467.5	28781436
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.879115	1.063729	1.265925	5.933162	10.56099	928.8289	0.71994	0.662345	0.008561	0.007581	30134829	16002653	30706.64	1.57E+09
Statewide	2009	Constructic	Aggregate	Aggregate	Diesel	0.047603	0.057599	0.068548	0.253692	0.442628	38.12397	0.029422	0.027069	0.000351	0.000311	1236890	582586.7	1844.7	45900437
Statewide	2009	Industrial -	Aggregate	Aggregate	Diesel	0.046889	0.056736	0.06752	0.375112	0.573552	58.62765	0.038431	0.035356	0.000541	0.000479	1902110	1831507	6919.165	1.15E+08
Statewide	2009	Industrial -	Aggregate	Aggregate	Diesel	0.347631	0.420633	0.500588	1.92352	3.553951	246.8488	0.264148	0.243016	0.002272	0.002015	8008739	8568295	12979.91	7.67E+08
Statewide	2009	Industrial -	Aggregate	Aggregate	Diesel	0.007923	0.009529	0.011389	0.03763	0.057875	0.000116	0.003238	0.002446	9.02E-07	7.77E-07	3090.852	0	1209.068	0
Statewide	2009	Industrial -	Aggregate	Aggregate	Diesel	0.006445	0.007752	0.009265	0.030932	0.050426	0.000117	0.002654	0.002006	7.39E-07	6.36E-07	2531.446	0	305.3799	0
Statewide	2009	Industrial -	Aggregate	Aggregate	Diesel	0.001997	0.002402	0.002871	0.010476	0.015924	3.71E-05	0.000845	0.000639	2.42E-07	2.09E-07	829.7941	0	154.2213	0
Statewide	2009	Industrial -	Aggregate	Aggregate	Diesel	0.143898	0.174116	0.207213	0.816019	1.386518	119.2209	0.087577	0.08057	0.001098	0.000973	3867991	2417021	3304.38	2.13E+08
Statewide	2009	Industrial -	Aggregate	Aggregate	Diesel	0.058967	0.07135	0.084913	0.403931	0.814646	69.89951	0.043706	0.040209	0.000644	0.000571	2267813	660642.6	993.9558	1.11E+08
Statewide	2009	Light Comn	Aggregate	Aggregate	Diesel	0.099387	0.118333	0.143107	0.337221	0.296483	27.53934	0.032066	0.029959	0.000349	0.000237	940902.5	829776.4	1186.192	30701727
Statewide	2009	Light Comn	Aggregate	Aggregate	Diesel	0.273006	0.326011	0.392911	1.063606	1.341285	129.3649	0.094833	0.098374	0.001476	0.001089	4329166	1670466	14572.44	55125388
Statewide	2009	Light Comn	Aggregate	Aggregate	Diesel	0.001199	0.001434	0.001726	0.00504	0.007029	0.669035	0.000441	0.00047	7.55E-06	5.47E-06	21770.84	16800.95	434.015	638436.1
Statewide	2009	Light Comn	Aggregate	Aggregate	Diesel	0.171453	0.204749	0.246754	0.619209	0.755843	71.44485	0.057824	0.059959	0.000823	0.000603	2397291	871871.9	7588.06	32259258
Statewide	2009	Light Comn	Aggregate	Aggregate	Diesel	0.447127	0.532752	0.643738	1.544889	1.517453	143.0375	0.146783	0.140761	0.001761	0.001221	4854787	3272126	8644.057	1.51E+08

Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.022181	0.026839	0.031941	0.18312	0.435531	56.78613	0.017123	0.015754	0.000524	0.000463	1842364	320759.2	1057.659	70959658
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.137654	0.166562	0.198222	1.000095	1.978028	134.1827	0.093619	0.08613	0.001236	0.001095	4353409	1263909	3181.875	2.92E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.264862	0.320482	0.381401	1.787443	3.991319	332.1298	0.187479	0.17248	0.003063	0.002711	10775586	2282959	5860.97	4.86E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.364418	0.440945	0.524762	2.427279	5.845404	596.8664	0.254608	0.23424	0.005507	0.004872	19364674	6183115	11391.54	9.74E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.183687	0.222262	0.26451	0.988159	2.771333	225.6616	0.122224	0.112446	0.002081	0.001842	7321343	1826492	3682.682	3.46E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.001658	0.001994	0.002383	0.007141	0.012809	2.83E-05	0.000598	0.000452	1.78E-07	1.53E-07	609.5977	0	98.20853	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.002273	0.002734	0.003268	0.011805	0.016272	3.47E-05	0.000864	0.000653	2.74E-07	2.36E-07	938.2447	0	664.97	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.003113	0.003709	0.004482	0.011785	0.012285	1.002767	0.001095	0.000991	1.3E-05	8.52E-06	33849.87	23867.35	61.40193	787622.6
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.000224	0.000269	0.000322	0.000844	0.001625	3.39E-06	8.19E-05	6.19E-05	2.22E-08	1.91E-08	76.18236	0	27.94014	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.00139	0.001672	0.001999	0.005693	0.010599	2.43E-05	0.000431	0.000326	1.45E-07	1.25E-07	496.1766	0	44.06	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.004033	0.004851	0.005797	0.023829	0.030492	7.27E-05	0.001155	0.000873	5.29E-07	4.55E-07	1811.853	0	415.7811	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.000436	0.000524	0.000626	0.001612	0.00308	6.35E-06	0.000158	0.000119	4.28E-08	3.69E-08	146.6815	0	17.22	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.000658	0.000791	0.000946	0.002595	0.004989	1.09E-05	0.000238	0.00018	6.7E-08	5.77E-08	229.7171	0	43.18246	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.001326	0.001594	0.001905	0.00832	0.010018	2.4E-05	0.000429	0.000324	1.81E-07	1.56E-07	620.3675	0	385	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.009253	0.011129	0.013301	0.048435	0.070326	0.000164	0.002935	0.002218	1.12E-06	9.65E-07	3839.282	0	1174.702	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.000251	0.000302	0.000361	0.001026	0.001921	4.38E-06	8.3E-05	6.27E-05	2.61E-08	2.25E-08	89.49871	0	11.24536	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.021884	0.026305	0.031462	0.134746	0.159792	0.443619	0.005681	0.004366	8.56E-06	6.14E-06	24435.27	8497.2	3381.746	314396.4
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.092858	0.111688	0.133485	0.341842	0.623462	0.001314	0.030921	0.023362	9.1E-06	7.83E-06	31172.08	0	4747.536	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.007355	0.008847	0.010573	0.028195	0.054462	0.000115	0.002694	0.002036	7.37E-07	6.35E-07	2526.434	0	321.0088	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.00877	0.010548	0.012607	0.040297	0.066665	0.000155	0.002513	0.001899	9.78E-07	8.43E-07	3353.138	0	528.6369	0
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.125096	0.151366	0.180138	0.750847	1.417838	126.4427	0.079269	0.072928	0.001165	0.001032	4102294	1449422	2593.248	1.8E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.56703	0.686106	0.816523	3.60446	8.936857	760.0456	0.344976	0.317378	0.00701	0.006203	24658844	3084981	2714.174	1.25E+09
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.136912	0.165663	0.197153	0.975209	1.945631	169.3254	0.094254	0.086713	0.001561	0.001382	5493578	1473919	3924.642	2.54E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.033138	0.040097	0.047718	0.200205	0.44065	39.80312	0.024149	0.022218	0.000367	0.000325	1291368	463109.4	1392.921	59912984
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.019778	0.023932	0.028481	0.125582	0.267425	23.1697	0.014382	0.013231	0.000214	0.000189	751715.4	309118.8	789.2194	40623033
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.120883	0.146269	0.174072	0.721676	1.226448	103.2862	0.079964	0.073567	0.000951	0.000843	3351007	2100705	7261.227	1.69E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.085684	0.103678	0.123385	0.717751	1.20396	112.0722	0.076022	0.069941	0.001034	0.000915	3636059	1736253	7315.142	1.74E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.081382	0.098473	0.11719	0.728468	1.07098	66.21148	0.054366	0.050017	0.00061	0.00054	2148158	418894.8	646.75	1.05E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.725346	0.877669	1.044499	4.509997	10.72713	912.2833	0.488949	0.449833	0.008413	0.007446	29598027	7823432	9480.883	1.58E+09
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.469419	0.567997	0.675964	4.339906	7.564621	593.3834	0.312199	0.287223	0.005472	0.004843	19251670	2099067	5326.812	7.71E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.084506	0.102253	0.121689	0.716823	1.054135	108.7645	0.071876	0.066126	0.001003	0.000888	3528745	2778037	9486.008	1.82E+08
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.006114	0.007398	0.008804	0.041023	0.112694	12.46819	0.004332	0.003986	0.000115	0.000102	404516.5	98537.9	435.6081	25892833
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.788974	0.954658	1.136122	5.382192	9.411756	835.7972	0.648362	0.596493	0.007704	0.006822	27116520	14399691	28611.89	1.42E+09
Statewide	2010	Constructic	Aggregate	Aggregate	Diesel	0.04297	0.051994	0.061877	0.230313	0.394176	34.30482	0.026486	0.024368	0.000316	0.00028	1112982	524356.2	1718.858	41301637
Statewide	2010	Industrial -	Aggregate	Aggregate	Diesel	0.035278	0.042687	0.050801	0.329625	0.486137	52.76548	0.030958	0.028481	0.000487	0.000431	1711918	1647752	6447.155	1.04E+08
Statewide	2010	Industrial -	Aggregate	Aggregate	Diesel	0.309698	0.374734	0.445964	1.733947	3.155078	222.164	0.237022	0.21806	0.002045	0.001813	7207865	7711465	12094.45	6.9E+08
Statewide	2010	Industrial -	Aggregate	Aggregate	Diesel	0.007664	0.009219	0.011018	0.036577	0.056453	0.000117	0.002947	0.002227	8.75E-07	7.54E-07	2999.067	0	1211.994	0
Statewide	2010	Industrial -	Aggregate	Aggregate	Diesel	0.006264	0.007534	0.009005	0.030168	0.04894	0.000114	0.00208	0.001571	7.19E-07	6.2E-07	2465.722	0	298.4174	0
Statewide	2010	Industrial -	Aggregate	Aggregate	Diesel	0.00194	0.002333	0.002788	0.010183	0.015428	3.61E-05	0.000671	0.000507	2.35E-07	2.03E-07	806.3751	0	149.8739	0
Statewide	2010	Industrial -	Aggregate	Aggregate	Diesel	0.1305	0.157905	0.18792	0.742481	1.241431	107.2988	0.0792	0.072864	0.000988	0.000876	3481192	2175319	3078.962	1.92E+08
Statewide	2010	Industrial -	Aggregate	Aggregate	Diesel	0.053271	0.064457	0.07671	0.361823	0.727065	62.90956	0.03933	0.036184	0.00058	0.000513	2041031	594578.3	926.1503	99495939
Statewide	2010	Light Comn	Aggregate	Aggregate	Diesel	0.09526	0.113419	0.137165	0.332879	0.294543	27.73392	0.031069	0.029021	0.000351	0.000238	946324	835667.5	1194.501	30919698
Statewide	2010	Light Comn	Aggregate	Aggregate	Diesel	0.260011	0.310498	0.374208	1.045663	1.323188	130.2845	0.091089	0.094408	0.001486	0.001095	4355865	1682259	14675.94	55514562
Statewide	2010	Light Comn	Aggregate	Aggregate	Diesel	0.001137	0.001359	0.001637	0.004957	0.006905	0.67366	0.000422	0.000449	7.6E-06	5.51E-06	21918.62	16910.45	436.9148	642597.1
Statewide	2010	Light Comn	Aggregate	Aggregate	Diesel	0.163628	0.195408	0.235492	0.609562	0.745195	71.95153	0.055567	0.057556	0.000829	0.000607	2411920	878091.5	7641.706	32489384
Statewide	2010	Light Comn	Aggregate	Aggregate	Diesel	0.428135	0.510123	0.616395	1.523957	1.504212	144.053	0.141924	0.136021	0.001773	0.001228	4883292	3295432	8705.114	1.52E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.022763	0.027543	0.032779	0.191324	0.440953	59.65542	0.017198	0.015822	0.000551	0.000487	1935454	337618.8	1094.73	74606952

Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.142707	0.172676	0.205498	1.033268	2.044465	141.2395	0.096861	0.089112	0.001302	0.001153	4582361	1330266	3293.401	3.08E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.278225	0.336652	0.400644	1.871257	4.160032	349.614	0.196351	0.180643	0.003224	0.002854	11342841	2402871	6066.399	5.11E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.365468	0.442216	0.526273	2.527087	5.79588	628.2495	0.251849	0.231702	0.005798	0.005128	20382862	6507960	11790.81	1.03E+09
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.195232	0.23623	0.281133	1.044908	2.909603	237.52	0.12885	0.118542	0.00219	0.001939	7706074	1922499	3811.762	3.64E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.00168	0.00202	0.002415	0.007332	0.012942	2.92E-05	0.000567	0.000428	1.82E-07	1.56E-07	622.562	0	101.3024	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.002202	0.002649	0.003166	0.011854	0.015896	3.53E-05	0.000787	0.000595	2.71E-07	2.34E-07	930.2878	0	675.94	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.002947	0.00351	0.004243	0.011642	0.012303	1.019184	0.001047	0.000948	1.32E-05	8.64E-06	34336.42	24257.9	62.20866	800510.7
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.000218	0.000262	0.000314	0.000841	0.00161	3.45E-06	7.72E-05	5.83E-05	2.19E-08	1.89E-08	75.16793	0	28.38416	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.001411	0.001697	0.002028	0.00579	0.010731	2.47E-05	0.000382	0.000289	1.47E-07	1.27E-07	504.1855	0	44.81	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.004101	0.004932	0.005895	0.024252	0.03099	7.4E-05	0.001119	0.000845	5.38E-07	4.63E-07	1843.42	0	423.2707	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.000425	0.000511	0.000611	0.00161	0.003072	6.48E-06	0.00015	0.000113	4.23E-08	3.65E-08	145.056	0	17.59	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.000642	0.000772	0.000923	0.002587	0.004982	1.11E-05	0.000218	0.000165	6.62E-08	5.7E-08	226.9559	0	43.89467	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.001342	0.001614	0.001929	0.008455	0.010112	2.44E-05	0.000377	0.000285	1.84E-07	1.58E-07	629.6165	0	391.24	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.009401	0.011307	0.013514	0.049321	0.071369	0.000168	0.002762	0.002087	1.14E-06	9.82E-07	3906.381	0	1196.555	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.00026	0.000312	0.000373	0.001063	0.001979	4.54E-06	7.73E-05	5.84E-05	2.7E-08	2.33E-08	92.66474	0	11.65694	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.022151	0.026628	0.031846	0.136813	0.162333	0.450882	0.005804	0.004456	8.7E-06	6.24E-06	24823.72	8643.2	3437.166	319798.4
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.089725	0.10792	0.128981	0.337585	0.621583	0.001331	0.028233	0.021331	8.9E-06	7.66E-06	30493.02	0	4810.122	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.007178	0.008633	0.010318	0.028177	0.053876	0.000117	0.002517	0.001902	7.29E-07	6.28E-07	2499.389	0	326.4204	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.008944	0.010758	0.012857	0.04111	0.067916	0.000158	0.002336	0.001765	9.98E-07	8.6E-07	3420.386	0	538.3533	0
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.127922	0.154785	0.184208	0.771641	1.445208	133.0527	0.080769	0.074308	0.001226	0.001086	4316748	1525584	2684.142	1.89E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.595981	0.721137	0.858213	3.755053	9.193482	799.6696	0.356006	0.327526	0.007375	0.006527	25944401	3247069	2809.306	1.31E+09
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.138596	0.167702	0.199579	0.979509	1.960529	178.2304	0.095559	0.087914	0.001644	0.001455	5782491	1551336	4062.202	2.68E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.034089	0.041248	0.049088	0.210531	0.451221	41.89207	0.024778	0.022796	0.000386	0.000342	1359142	487480	1441.743	63043379
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.020067	0.024281	0.028896	0.128501	0.271173	24.38823	0.01462	0.013451	0.000225	0.000199	791249.4	325385.4	816.8819	42768638
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.121777	0.14735	0.175359	0.750836	1.239315	108.6685	0.080874	0.074404	0.001001	0.000887	3525629	2211033	7515.735	1.78E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.081615	0.098754	0.117525	0.747147	1.185604	117.9268	0.073078	0.067232	0.001088	0.000963	3826005	1828230	7571.54	1.84E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.085469	0.103417	0.123075	0.76162	1.117784	69.71583	0.056814	0.052269	0.000642	0.000569	2261853	440910.6	669.4188	1.1E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.763764	0.924154	1.09982	4.718879	11.11669	959.8327	0.508622	0.467932	0.008851	0.007834	31140714	8234492	9813.191	1.66E+09
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.4926	0.596046	0.709344	4.536336	7.863932	624.5839	0.325162	0.299149	0.00576	0.005098	20263937	2209226	5513.519	8.11E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.08055	0.097465	0.115991	0.74575	1.051016	114.4233	0.069636	0.064065	0.001055	0.000934	3712338	2923875	9818.496	1.92E+08
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.006347	0.00768	0.00914	0.042576	0.116436	13.11244	0.004454	0.004098	0.000121	0.000107	425418.6	103728.2	450.8763	27240319
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.803124	0.97178	1.156498	5.648635	9.618276	878.7237	0.663909	0.610797	0.0081	0.007172	28509222	15156397	29614.75	1.49E+09
Statewide	2011	Constructic	Aggregate	Aggregate	Diesel	0.044048	0.053298	0.063429	0.240543	0.400922	36.11747	0.027143	0.024971	0.000333	0.000295	1171791	551918.9	1779.105	43471340
Statewide	2011	Industrial -	Aggregate	Aggregate	Diesel	0.030365	0.036741	0.043725	0.338438	0.481859	55.53826	0.028312	0.026047	0.000513	0.000453	1801878	1734340	6673.129	1.09E+08
Statewide	2011	Industrial -	Aggregate	Aggregate	Diesel	0.319379	0.386449	0.459906	1.81843	3.249978	233.8385	0.246168	0.226474	0.002152	0.001909	7586633	8116696	12518.37	7.26E+08
Statewide	2011	Industrial -	Aggregate	Aggregate	Diesel	0.007514	0.009037	0.010801	0.035881	0.05595	0.000118	0.002717	0.002053	8.58E-07	7.39E-07	2941.388	0	1226.879	0
Statewide	2011	Industrial -	Aggregate	Aggregate	Diesel	0.00613	0.007373	0.008812	0.029593	0.047877	0.000112	0.001776	0.001342	7.05E-07	6.07E-07	2416.514	0	293.2866	0
Statewide	2011	Industrial -	Aggregate	Aggregate	Diesel	0.001865	0.002244	0.002681	0.009791	0.014816	3.47E-05	0.000561	0.000424	2.26E-07	1.95E-07	775.3882	0	144.0752	0
Statewide	2011	Industrial -	Aggregate	Aggregate	Diesel	0.133948	0.162077	0.192884	0.767576	1.263821	112.9373	0.081076	0.07459	0.00104	0.000922	3664126	2289630	3186.881	2.02E+08
Statewide	2011	Industrial -	Aggregate	Aggregate	Diesel	0.054858	0.066378	0.078995	0.373984	0.747193	66.21541	0.040344	0.037116	0.000611	0.00054	2148286	625823	958.6121	1.05E+08
Statewide	2011	Light Comn	Aggregate	Aggregate	Diesel	0.089755	0.106865	0.129237	0.325555	0.291673	27.92209	0.029762	0.027794	0.000353	0.000239	951051.8	841409	1202.571	31132131
Statewide	2011	Light Comn	Aggregate	Aggregate	Diesel	0.245517	0.293209	0.353345	1.022387	1.301557	131.1682	0.08693	0.090082	0.001496	0.001102	4380943	1693735	14775.25	55893257
Statewide	2011	Light Comn	Aggregate	Aggregate	Diesel	0.001071	0.00128	0.001541	0.004857	0.006764	0.678169	0.000401	0.000427	7.65E-06	5.55E-06	22091.27	17049.15	439.9447	647867.7
Statewide	2011	Light Comn	Aggregate	Aggregate	Diesel	0.154182	0.184134	0.221897	0.596628	0.732249	72.44095	0.052898	0.054729	0.000834	0.00061	2425505	884092	7693.381	32711406
Statewide	2011	Light Comn	Aggregate	Aggregate	Diesel	0.403873	0.48122	0.581465	1.491942	1.486528	145.032	0.13585	0.130127	0.001785	0.001235	4909078	3317792	8764.112	1.53E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.0243	0.029403	0.034992	0.203014	0.457641	62.62738	0.017892	0.016461	0.000578	0.000511	2031876	354460.1	1130.992	78361007
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.149804	0.181263	0.215718	1.079148	2.135223	148.2729	0.101414	0.093301	0.001366	0.00121	4810552	1396694	3402.494	3.23E+08

Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.296202	0.358405	0.426531	1.975471	4.375126	367.054	0.208185	0.191531	0.003385	0.002996	11908662	2522778	6267.345	5.37E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.387401	0.468756	0.557858	2.678438	6.007442	659.6478	0.262075	0.241109	0.006087	0.005384	21401546	6832932	12181.38	1.08E+09
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.208038	0.251726	0.299575	1.103136	3.058667	249.381	0.13613	0.125239	0.002299	0.002035	8090893	2018403	3938.024	3.83E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.001719	0.002067	0.002471	0.007538	0.013167	3.01E-05	0.000539	0.000407	1.86E-07	1.61E-07	638.8618	0	104.1383	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.002166	0.002606	0.003114	0.011931	0.015834	3.59E-05	0.000728	0.00055	2.71E-07	2.33E-07	928.8878	0	686.9	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.002773	0.003304	0.003992	0.011487	0.012321	1.035601	0.000997	0.000904	1.34E-05	8.77E-06	34852	24688.6	63.09632	814723.8
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.000214	0.000257	0.000307	0.000841	0.001598	3.51E-06	7.26E-05	5.48E-05	2.17E-08	1.87E-08	74.53021	0	28.86868	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.001432	0.001722	0.002058	0.005878	0.010883	2.51E-05	0.000373	0.000282	1.49E-07	1.29E-07	511.7438	0	45.49	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.004169	0.005014	0.005992	0.024668	0.031482	7.53E-05	0.001111	0.000839	5.47E-07	4.71E-07	1874.72	0	430.5414	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.000417	0.000502	0.0006	0.00161	0.003052	6.58E-06	0.000142	0.000107	4.2E-08	3.62E-08	143.8401	0	17.86	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.00065	0.000782	0.000934	0.002633	0.005015	1.13E-05	0.000205	0.000155	6.72E-08	5.79E-08	230.456	0	44.66656	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.001362	0.001639	0.001958	0.008595	0.010261	2.48E-05	0.000369	0.000279	1.87E-07	1.61E-07	639.8098	0	397.71	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.009565	0.011504	0.013749	0.050217	0.072505	0.000171	0.002642	0.001996	1.16E-06	9.99E-07	3976.298	0	1217.82	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.000263	0.000316	0.000378	0.001079	0.002001	4.61E-06	7.07E-05	5.34E-05	2.74E-08	2.36E-08	93.96268	0	11.82772	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.022406	0.026935	0.032212	0.138857	0.16487	0.458145	0.00601	0.004608	8.84E-06	6.34E-06	25194.11	8822.05	3492.682	326415.8
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.086836	0.104445	0.124828	0.33356	0.620679	0.001348	0.026644	0.020131	8.71E-06	7.51E-06	29861.72	0	4868.259	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.007065	0.008497	0.010156	0.028288	0.053445	0.000119	0.002355	0.001779	7.26E-07	6.25E-07	2488.375	0	331.8262	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.009089	0.010932	0.013065	0.041777	0.068969	0.000161	0.002339	0.001767	1.01E-06	8.74E-07	3475.768	0	546.4068	0
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.134516	0.162764	0.193703	0.812811	1.500709	139.708	0.084315	0.07757	0.001288	0.00114	4532674	1601808	2773.053	1.99E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.635246	0.768647	0.914754	3.971085	9.591877	839.533	0.374271	0.344329	0.007743	0.006852	27237722	3409141	2902.363	1.38E+09
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.147213	0.178128	0.211987	1.039535	2.054601	187.1206	0.100916	0.092843	0.001726	0.001527	6070922	1628799	4196.76	2.81E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.036134	0.043722	0.052033	0.222492	0.473137	43.98412	0.026156	0.024064	0.000406	0.000359	1427016	511776.9	1489.5	66185034
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.021334	0.025814	0.03072	0.135961	0.285302	25.60389	0.015526	0.014284	0.000236	0.000209	830689.9	341628.2	843.9407	44902403
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.12853	0.155522	0.185084	0.794484	1.29258	114.0806	0.084957	0.07816	0.001051	0.000931	3701218	2321404	7764.69	1.87E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.083133	0.100591	0.119711	0.784731	1.214082	123.7939	0.074228	0.06829	0.001142	0.00101	4016358	1919180	7822.344	1.93E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.090353	0.109328	0.130109	0.797496	1.172679	73.18733	0.059802	0.055018	0.000674	0.000597	2374482	462911.1	691.5929	1.16E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.816539	0.988012	1.175816	5.002684	11.65054	1007.613	0.536626	0.493696	0.009291	0.008224	32690893	8645708	10138.25	1.75E+09
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.523226	0.633103	0.753445	4.786234	8.259881	655.8089	0.343003	0.315563	0.006048	0.005353	21276997	2319660	5696.151	8.52E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.081835	0.099021	0.117843	0.783012	1.072806	120.0848	0.070168	0.064555	0.001108	0.00098	3896019	3070055	10143.73	2.01E+08
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.006654	0.008051	0.009582	0.044372	0.120628	13.75636	0.004632	0.004262	0.000127	0.000112	446309.8	108905.9	465.8114	28578472
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.84552	1.02308	1.217549	5.980918	10.03613	922.4189	0.696626	0.640896	0.008503	0.007529	29926865	15913078	30595.72	1.56E+09
Statewide	2012	Constructic	Aggregate	Aggregate	Diesel	0.046539	0.056313	0.067017	0.252936	0.41705	37.92327	0.028546	0.026262	0.000349	0.00031	1230379	579475.1	1838.037	45643631
Statewide	2012	Industrial -	Aggregate	Aggregate	Diesel	0.028124	0.03403	0.040499	0.352712	0.477447	58.31105	0.026322	0.024217	0.000538	0.000476	1891838	1820928	6894.174	1.14E+08
Statewide	2012	Industrial -	Aggregate	Aggregate	Diesel	0.336906	0.407656	0.485144	1.923812	3.400653	245.513	0.259811	0.239027	0.00226	0.002004	7965400	8521928	12933.03	7.63E+08
Statewide	2012	Industrial -	Aggregate	Aggregate	Diesel	0.007387	0.008885	0.010619	0.035203	0.055529	0.000119	0.002524	0.001907	8.43E-07	7.26E-07	2888.217	0	1240.168	0
Statewide	2012	Industrial -	Aggregate	Aggregate	Diesel	0.006008	0.007226	0.008636	0.029065	0.046924	0.00011	0.001617	0.001221	6.92E-07	5.96E-07	2371.473	0	288.623	0
Statewide	2012	Industrial -	Aggregate	Aggregate	Diesel	0.001775	0.002135	0.002551	0.009328	0.014088	3.31E-05	0.000506	0.000382	2.15E-07	1.86E-07	738.4164	0	137.2825	0
Statewide	2012	Industrial -	Aggregate	Aggregate	Diesel	0.142302	0.172185	0.204914	0.816688	1.31939	118.5758	0.08544	0.078604	0.001092	0.000968	3847060	2403941	3292.445	2.12E+08
Statewide	2012	Industrial -	Aggregate	Aggregate	Diesel	0.057082	0.069069	0.082198	0.384634	0.771938	69.52126	0.041661	0.038328	0.000641	0.000567	2255541	657067.6	990.3657	1.1E+08
Statewide	2012	Light Comn	Aggregate	Aggregate	Diesel	0.083139	0.098988	0.119711	0.315544	0.287513	28.02802	0.028173	0.026305	0.000355	0.00024	952734	844573.5	1207.021	31249220
Statewide	2012	Light Comn	Aggregate	Aggregate	Diesel	0.229478	0.274081	0.330256	0.993148	1.274482	131.6634	0.082264	0.085269	0.001501	0.001105	4392478	1700061	14831	56101997
Statewide	2012	Light Comn	Aggregate	Aggregate	Diesel	0.000999	0.001195	0.001438	0.004735	0.006599	0.68116	0.000379	0.000404	7.68E-06	5.57E-06	22167.17	17118.5	441.9443	650503
Statewide	2012	Light Comn	Aggregate	Aggregate	Diesel	0.143351	0.171207	0.206307	0.580098	0.716043	72.71333	0.049825	0.051485	0.000837	0.000611	2431625	887468.3	7722.519	32836327
Statewide	2012	Light Comn	Aggregate	Aggregate	Diesel	0.37522	0.447086	0.540211	1.449095	1.462404	145.5781	0.128619	0.12313	0.001792	0.001237	4919264	3330260	8797.45	1.53E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.02449	0.029632	0.035265	0.211377	0.45202	65.57289	0.017452	0.016056	0.000606	0.000535	2127440	371297.8	1166.497	82146333
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.154025	0.18637	0.221796	1.104712	2.181589	155.3253	0.103897	0.095586	0.001431	0.001268	5039357	1463116	3509.305	3.38E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.309195	0.374127	0.445242	2.049129	4.522986	384.4794	0.216524	0.199202	0.003545	0.003138	12474010	2642813	6464.09	5.62E+08

Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.386363	0.467499	0.556363	2.76456	5.868432	691.1641	0.254328	0.233982	0.006379	0.005641	22424058	7157800	12563.78	1.13E+09
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.219046	0.265046	0.315427	1.155614	3.179855	261.1621	0.142133	0.130762	0.002408	0.002132	8473116	2114382	4061.647	4E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.00175	0.002105	0.002516	0.007695	0.013348	3.07E-05	0.000512	0.000386	1.9E-07	1.64E-07	651.4801	0	106.3006	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.002143	0.002578	0.003081	0.012023	0.015851	3.64E-05	0.000677	0.000512	2.71E-07	2.34E-07	930.1418	0	697.69	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.002592	0.003089	0.003732	0.011324	0.012105	1.052019	0.00093	0.000844	1.36E-05	8.9E-06	35360.15	25028.05	63.96349	825925.7
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.000211	0.000253	0.000303	0.000844	0.001586	3.56E-06	6.83E-05	5.16E-05	2.17E-08	1.87E-08	74.20572	0	29.28052	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.001456	0.001751	0.002093	0.005976	0.011065	2.55E-05	0.000373	0.000282	1.52E-07	1.31E-07	520.2935	0	46.25	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.00424	0.0051	0.006095	0.025099	0.032004	7.66E-05	0.001124	0.000849	5.56E-07	4.79E-07	1907.216	0	438.0621	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.00041	0.000493	0.000589	0.001611	0.003035	6.68E-06	0.000135	0.000102	4.17E-08	3.59E-08	142.8025	0	18.12	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.000657	0.000791	0.000945	0.002675	0.005048	1.14E-05	0.000193	0.000146	6.82E-08	5.87E-08	233.7241	0	45.38097	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.001383	0.001664	0.001989	0.008729	0.010421	2.52E-05	0.000367	0.000278	1.9E-07	1.63E-07	649.7839	0	403.91	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.009718	0.011688	0.013969	0.051043	0.073589	0.000174	0.002577	0.001947	1.18E-06	1.02E-06	4041.016	0	1237.424	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.000263	0.000316	0.000378	0.001078	0.001996	4.61E-06	6.88E-05	5.2E-05	2.74E-08	2.36E-08	93.85948	0	11.81857	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.022655	0.027236	0.03257	0.140892	0.167294	0.465408	0.006102	0.004673	8.98E-06	6.43E-06	25575.4	8953.45	3548.142	331277.6
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.08576	0.10315	0.123281	0.333464	0.621857	0.001364	0.025709	0.019424	8.67E-06	7.46E-06	29698.39	0	4925.932	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.007049	0.008478	0.010132	0.028526	0.053746	0.000121	0.002211	0.001671	7.29E-07	6.28E-07	2498.185	0	337.297	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.0092	0.011066	0.013225	0.042299	0.069792	0.000163	0.002378	0.001796	1.03E-06	8.84E-07	3518.863	0	553.0829	0
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.133106	0.161058	0.191673	0.802006	1.473014	146.3753	0.082774	0.076152	0.001349	0.001195	4748985	1677951	2860.105	2.08E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.64503	0.780486	0.928843	4.00289	9.611666	879.5313	0.373049	0.343205	0.008112	0.007179	28535425	3571370	2993.475	1.45E+09
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.14902	0.180315	0.214589	1.049289	2.053634	195.9325	0.101258	0.093157	0.001807	0.001599	6356813	1706304	4328.505	2.94E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.035948	0.043497	0.051765	0.231421	0.472508	46.09161	0.025828	0.023762	0.000425	0.000376	1495392	536149.6	1536.259	69393568
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.020686	0.02503	0.029788	0.137489	0.28052	26.80055	0.014961	0.013764	0.000247	0.000219	869514.4	357818.6	870.4337	47031018
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.128281	0.15522	0.184724	0.818739	1.285593	119.5038	0.083955	0.077239	0.001101	0.000975	3877168	2431725	8008.44	1.95E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.076394	0.092436	0.110007	0.809362	1.168379	129.657	0.067533	0.062131	0.001196	0.001058	4206579	2010708	8067.903	2.02E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.093395	0.113008	0.134488	0.815447	1.202448	76.65912	0.06155	0.056626	0.000706	0.000626	2487121	484931.4	713.3035	1.21E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.8509	1.029588	1.225295	5.199502	11.94722	1055.402	0.551144	0.507052	0.009732	0.008614	34241353	9056777	10456.51	1.83E+09
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.542101	0.655943	0.780626	4.929975	8.4765	687.0039	0.35219	0.324015	0.006335	0.005607	22289085	2429949	5874.965	8.93E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.077295	0.093527	0.111304	0.8098	1.051903	125.733	0.065288	0.060065	0.00116	0.001026	4079270	3216092	10462.16	2.11E+08
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.006675	0.008076	0.009612	0.045514	0.121284	14.40722	0.004625	0.004255	0.000133	0.000118	467426.2	114083.4	480.4342	29932936
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.856066	1.035839	1.232734	6.240862	10.18348	965.7608	0.699899	0.643907	0.008903	0.007882	31333045	16669620	31556.19	1.64E+09
Statewide	2013	Constructic	Aggregate	Aggregate	Diesel	0.048035	0.058123	0.069171	0.265301	0.429052	39.71377	0.029351	0.027003	0.000366	0.000324	1288469	607019.7	1895.737	47827817
Statewide	2013	Industrial -	Aggregate	Aggregate	Diesel	0.024327	0.029436	0.035032	0.362484	0.453825	61.08383	0.022136	0.020365	0.000564	0.000499	1981798	1907516	7110.596	1.2E+08
Statewide	2013	Industrial -	Aggregate	Aggregate	Diesel	0.341137	0.412776	0.491237	1.999196	3.452016	257.1876	0.263761	0.24266	0.002368	0.002099	8344168	8927159	13339.03	7.99E+08
Statewide	2013	Industrial -	Aggregate	Aggregate	Diesel	0.007316	0.008799	0.010516	0.035079	0.055281	0.000121	0.002399	0.001813	8.38E-07	7.22E-07	2871.357	0	1253.77	0
Statewide	2013	Industrial -	Aggregate	Aggregate	Diesel	0.00592	0.00712	0.00851	0.028682	0.04625	0.000108	0.001581	0.001195	6.82E-07	5.88E-07	2338.907	0	285.2353	0
Statewide	2013	Industrial -	Aggregate	Aggregate	Diesel	0.001698	0.002043	0.002441	0.008946	0.013476	3.17E-05	0.000471	0.000356	2.06E-07	1.78E-07	707.5455	0	131.6925	0
Statewide	2013	Industrial -	Aggregate	Aggregate	Diesel	0.142646	0.172602	0.205411	0.842687	1.300332	124.2142	0.084875	0.078085	0.001144	0.001014	4029994	2518252	3395.802	2.22E+08
Statewide	2013	Industrial -	Aggregate	Aggregate	Diesel	0.055874	0.067607	0.080458	0.384331	0.757368	72.82711	0.03969	0.036515	0.000672	0.000594	2362795	688312.2	1021.455	1.15E+08
Statewide	2013	Light Comn	Aggregate	Aggregate	Diesel	0.076091	0.090598	0.109563	0.304772	0.27767	28.1335	0.026062	0.024336	0.000356	0.00024	954283.5	847676	1211.681	31364012
Statewide	2013	Light Comn	Aggregate	Aggregate	Diesel	0.213032	0.254471	0.306581	0.963016	1.231883	132.1495	0.076361	0.079322	0.001506	0.001107	4403729	1706470	14885.9	56313507
Statewide	2013	Light Comn	Aggregate	Aggregate	Diesel	0.000926	0.001108	0.001333	0.004608	0.006355	0.683621	0.000351	0.000375	7.71E-06	5.59E-06	22237.31	17191.5	443.3942	653277
Statewide	2013	Light Comn	Aggregate	Aggregate	Diesel	0.132152	0.157841	0.190187	0.562946	0.690709	72.98246	0.045997	0.047541	0.00084	0.000613	2437451	890764.2	7750.887	32958277
Statewide	2013	Light Comn	Aggregate	Aggregate	Diesel	0.344921	0.410994	0.496587	1.403326	1.412253	146.1167	0.119092	0.114018	0.001798	0.00124	4928773	3342633	8829.859	1.54E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.024054	0.029106	0.034638	0.217027	0.435724	68.52641	0.016463	0.015146	0.000633	0.000559	2223264	388144.2	1201.288	85848787
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.156453	0.189308	0.225292	1.123717	2.202949	162.3722	0.10508	0.096674	0.001497	0.001325	5267987	1529535	3613.973	3.54E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.318104	0.384906	0.45807	2.113256	4.600129	401.8099	0.221694	0.203958	0.003705	0.00328	13036281	2762781	6656.887	5.88E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.378752	0.45829	0.545403	2.838406	5.584873	722.6323	0.242642	0.22323	0.00667	0.005898	23445009	7482782	12938.5	1.18E+09

Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.229545	0.277749	0.330545	1.207381	3.299344	272.9187	0.14753	0.135728	0.002516	0.002228	8854546	2210457	4182.789	4.19E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.001772	0.002131	0.002547	0.007798	0.013478	3.12E-05	0.00049	0.00037	1.93E-07	1.66E-07	660.0087	0	107.7008	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.002148	0.002583	0.003087	0.012171	0.015941	3.7E-05	0.000638	0.000482	2.74E-07	2.36E-07	938.4163	0	708.63	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.002409	0.002871	0.003469	0.011165	0.0119	1.068437	0.00087	0.000788	1.38E-05	9.02E-06	35839.42	25480.65	64.93931	840861.4
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.00021	0.000253	0.000302	0.000852	0.001598	3.62E-06	6.46E-05	4.88E-05	2.18E-08	1.87E-08	74.58625	0	29.77368	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.001479	0.001779	0.002127	0.006073	0.011244	2.6E-05	0.000377	0.000285	1.54E-07	1.33E-07	528.7307	0	47	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.004311	0.005185	0.006197	0.025528	0.032532	7.79E-05	0.001141	0.000862	5.66E-07	4.88E-07	1939.678	0	445.5592	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.000404	0.000486	0.00058	0.001614	0.003018	6.77E-06	0.000128	9.66E-05	4.14E-08	3.57E-08	142.0548	0	18.37	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.000666	0.000801	0.000957	0.002719	0.00509	1.16E-05	0.000189	0.000143	6.92E-08	5.96E-08	237.2024	0	46.12701	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.001405	0.00169	0.00202	0.008865	0.010584	2.55E-05	0.000371	0.00028	1.93E-07	1.66E-07	659.951	0	410.2299	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.009862	0.011861	0.014176	0.051807	0.074633	0.000176	0.002598	0.001963	1.2E-06	1.03E-06	4101.344	0	1255.587	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.00026	0.000313	0.000374	0.001067	0.001975	4.56E-06	6.71E-05	5.07E-05	2.71E-08	2.33E-08	92.87922	0	11.69565	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.022904	0.027536	0.032927	0.142929	0.169721	0.472671	0.00617	0.004719	9.12E-06	6.52E-06	25927.48	9110.4	3603.656	337084.8
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.085294	0.102589	0.122611	0.334848	0.62398	0.001381	0.025095	0.018961	8.67E-06	7.47E-06	29700.52	0	4987.752	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.007089	0.008526	0.01019	0.028871	0.054228	0.000123	0.002085	0.001575	7.36E-07	6.34E-07	2521.769	0	342.7837	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.009285	0.011168	0.013348	0.042677	0.070432	0.000164	0.002401	0.001814	1.04E-06	8.92E-07	3550.768	0	557.4701	0
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.129002	0.156092	0.185763	0.800704	1.410317	152.9929	0.078969	0.072651	0.001411	0.001249	4963686	1754143	2945.41	2.18E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.617128	0.746725	0.888665	3.846273	9.154347	917.7588	0.348914	0.321001	0.008467	0.007491	29775675	3733437	3082.758	1.51E+09
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.145078	0.175544	0.208912	1.016811	1.979364	204.6119	0.097657	0.089844	0.001887	0.00167	6638406	1783747	4457.607	3.08E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.036128	0.043715	0.052024	0.240778	0.472352	48.18317	0.025812	0.023747	0.000444	0.000393	1563250	560475.9	1582.079	72572100
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.02032	0.024587	0.029261	0.140954	0.276225	28.01691	0.014686	0.013511	0.000258	0.000229	908977.7	374076	896.3952	49172887
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.127936	0.154802	0.184228	0.84785	1.268737	124.9013	0.082848	0.07622	0.001151	0.001019	4052286	2542171	8247.298	2.04E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.071052	0.085973	0.102315	0.835622	1.105808	135.5345	0.061703	0.056767	0.001251	0.001106	4397269	2101628	8308.535	2.11E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.095864	0.115996	0.138045	0.820878	1.222421	80.07784	0.062713	0.057696	0.000737	0.000654	2598037	506944	734.5784	1.27E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.85987	1.040442	1.238213	5.27272	11.91085	1102.265	0.547005	0.503245	0.010165	0.008997	35761777	9467828	10768.38	1.91E+09
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.544764	0.659165	0.784461	4.899836	8.450384	718.0311	0.350259	0.322238	0.006622	0.00586	23295728	2540228	6050.191	9.33E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.071722	0.086783	0.103279	0.835502	0.99953	131.4506	0.058863	0.054154	0.001213	0.001073	4264770	3362019	10774.2	2.2E+08
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.006601	0.007988	0.009506	0.046669	0.119689	15.06629	0.004512	0.004151	0.000139	0.000123	488809	119255	494.7636	31299739
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.842599	1.019545	1.213342	6.452073	10.08164	1008.15	0.684619	0.629849	0.009296	0.008228	32708314	17426398	32497.38	1.71E+09
Statewide	2014	Constructic	Aggregate	Aggregate	Diesel	0.048629	0.058841	0.070026	0.276054	0.43056	41.47732	0.029589	0.027222	0.000382	0.000339	1345686	634570.1	1952.279	49976773
Statewide	2014	Industrial -	Aggregate	Aggregate	Diesel	0.021432	0.025932	0.030861	0.374074	0.422006	63.85662	0.01857	0.017084	0.00059	0.000521	2071758	1994104	7322.676	1.25E+08
Statewide	2014	Industrial -	Aggregate	Aggregate	Diesel	0.336645	0.407341	0.484769	2.058848	3.404634	268.8621	0.260711	0.239854	0.002476	0.002194	8722935	9332391	13736.87	8.35E+08
Statewide	2014	Industrial -	Aggregate	Aggregate	Diesel	0.007264	0.008738	0.010443	0.035079	0.055068	0.000122	0.002323	0.001755	8.36E-07	7.2E-07	2863.829	0	1266.088	0
Statewide	2014	Industrial -	Aggregate	Aggregate	Diesel	0.005853	0.007039	0.008413	0.028383	0.045733	0.000107	0.00156	0.001179	6.75E-07	5.82E-07	2313.756	0	282.5373	0
Statewide	2014	Industrial -	Aggregate	Aggregate	Diesel	0.001628	0.001958	0.00234	0.008587	0.01292	3.04E-05	0.000448	0.000339	1.98E-07	1.71E-07	678.8394	0	126.4331	0
Statewide	2014	Industrial -	Aggregate	Aggregate	Diesel	0.144268	0.174565	0.207746	0.869183	1.299932	129.8527	0.085081	0.078274	0.001196	0.00106	4212928	2632564	3497.084	2.32E+08
Statewide	2014	Industrial -	Aggregate	Aggregate	Diesel	0.053399	0.064612	0.076894	0.372383	0.72404	76.13295	0.037388	0.034397	0.000702	0.000621	2470050	719556.8	1051.921	1.2E+08
Statewide	2014	Light Comn	Aggregate	Aggregate	Diesel	0.068976	0.082127	0.099318	0.294098	0.268008	28.24051	0.023905	0.022326	0.000357	0.00024	955824.8	850760.3	1216.511	31478129
Statewide	2014	Light Comn	Aggregate	Aggregate	Diesel	0.196807	0.235126	0.283223	0.933909	1.190643	132.6402	0.070486	0.073418	0.001512	0.00111	4415155	1712803	14941.03	56522487
Statewide	2014	Light Comn	Aggregate	Aggregate	Diesel	0.000856	0.001024	0.001232	0.004489	0.006123	0.686444	0.000324	0.000347	7.74E-06	5.61E-06	22300.9	17271.8	445.2541	656328.4
Statewide	2014	Light Comn	Aggregate	Aggregate	Diesel	0.121092	0.144645	0.174268	0.546288	0.666165	73.25242	0.042187	0.043629	0.000843	0.000614	2443295	894063.9	7779.754	33080362
Statewide	2014	Light Comn	Aggregate	Aggregate	Diesel	0.314315	0.374537	0.45252	1.357716	1.363259	146.6587	0.109408	0.104774	0.001805	0.001242	4938138	3355102	8862.487	1.54E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.025105	0.030377	0.036151	0.227889	0.439692	71.45874	0.016604	0.015276	0.00066	0.000583	2318400	404993.4	1235.409	89523084
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.160384	0.194065	0.230953	1.156753	2.248963	169.4069	0.10719	0.098615	0.001561	0.001383	5496219	1595984	3716.622	3.69E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.331444	0.401047	0.47728	2.18553	4.741309	419.3305	0.229767	0.211386	0.003867	0.003423	13604717	2882725	6845.964	6.13E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.392199	0.47456	0.564766	2.96396	5.620178	753.9583	0.245532	0.225889	0.006959	0.006154	24461348	7807547	13306	1.23E+09
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.240959	0.291561	0.346981	1.26137	3.425835	284.7447	0.153418	0.141144	0.002625	0.002324	9238228	2306398	4301.594	4.37E+08

Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.001788	0.002151	0.00257	0.007866	0.013583	3.15E-05	0.000481	0.000363	1.94E-07	1.67E-07	665.8326	0	108.6187	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.00216	0.002598	0.003105	0.012331	0.016056	3.76E-05	0.000624	0.000471	2.77E-07	2.38E-07	948.3325	0	719.57	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.00224	0.00267	0.003225	0.011052	0.011733	1.084856	0.000812	0.000735	1.41E-05	9.15E-06	36384.8	25845.65	65.87926	852906.5
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.000212	0.000254	0.000304	0.000862	0.001614	3.68E-06	6.13E-05	4.63E-05	2.2E-08	1.89E-08	75.28738	0	30.28191	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.001503	0.001807	0.00216	0.006169	0.011421	2.64E-05	0.000383	0.000289	1.57E-07	1.35E-07	537.0554	0	47.74	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.004384	0.005273	0.006302	0.025963	0.033076	7.92E-05	0.001159	0.000876	5.76E-07	4.96E-07	1972.615	0	453.1446	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.000402	0.000483	0.000577	0.001623	0.003037	6.87E-06	0.000121	9.15E-05	4.15E-08	3.58E-08	142.2489	0	18.65	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.000675	0.000812	0.00097	0.002764	0.005143	1.18E-05	0.000187	0.000141	7.03E-08	6.05E-08	240.8617	0	46.89379	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.001427	0.001716	0.002051	0.009001	0.010746	2.59E-05	0.000377	0.000285	1.96E-07	1.68E-07	670.07	0	416.52	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.01	0.012027	0.014375	0.052532	0.075655	0.000179	0.002624	0.001983	1.21E-06	1.05E-06	4158.728	0	1272.879	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.000256	0.000308	0.000368	0.00105	0.001945	4.49E-06	6.55E-05	4.95E-05	2.67E-08	2.3E-08	91.44704	0	11.5153	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.023159	0.027845	0.033294	0.144987	0.172163	0.479935	0.006231	0.004761	9.26E-06	6.62E-06	26315.93	9289.25	3659.116	343702.2
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.084955	0.102183	0.122125	0.336508	0.626236	0.001398	0.024592	0.018581	8.68E-06	7.47E-06	29735.64	0	5049.494	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.007171	0.008625	0.010308	0.029302	0.054797	0.000125	0.001984	0.001499	7.46E-07	6.42E-07	2555.857	0	348.2696	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.009346	0.011241	0.013434	0.042956	0.07089	0.000165	0.002411	0.001822	1.04E-06	8.98E-07	3573.946	0	561.1791	0
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.130256	0.15761	0.187569	0.823348	1.417202	159.6214	0.078857	0.072549	0.001472	0.001303	5178739	1830279	3029.07	2.27E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.628094	0.759994	0.904456	3.882078	9.209468	957.1526	0.348894	0.320982	0.008831	0.007812	31053760	3895584	3170.318	1.58E+09
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.15038	0.18196	0.216547	1.050333	2.02468	213.4339	0.100235	0.092216	0.001969	0.001742	6924629	1861186	4584.217	3.21E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.037271	0.045098	0.053671	0.251533	0.483686	50.27837	0.026484	0.024365	0.000464	0.00041	1631226	584811.6	1627.015	75730060
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.020905	0.025295	0.030103	0.147107	0.28124	29.23963	0.014956	0.01376	0.00027	0.000239	948647.6	390314	921.8557	51323689
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.132014	0.159737	0.1901	0.885537	1.295249	130.3348	0.084933	0.078138	0.001201	0.001064	4228569	2652518	8481.548	2.13E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.071516	0.086535	0.102983	0.871471	1.103902	141.436	0.061022	0.05614	0.001306	0.001154	4588736	2192902	8544.525	2.2E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.100109	0.121132	0.144157	0.849976	1.267958	83.55741	0.065098	0.059891	0.00077	0.000682	2710928	528946.4	755.4428	1.32E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.886491	1.072655	1.276548	5.421124	12.08509	1149.43	0.555877	0.511406	0.0106	0.009381	37292002	9879015	11074.24	1.99E+09
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.560106	0.677728	0.806552	4.957605	8.605626	749.0402	0.357017	0.328456	0.006908	0.006114	24301786	2650506	6222.036	9.74E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.072281	0.08746	0.104085	0.871255	0.995481	137.1171	0.057677	0.053063	0.001266	0.001119	4448615	3508047	11080.23	2.3E+08
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.006914	0.008365	0.009956	0.048827	0.124576	15.71755	0.004688	0.004313	0.000145	0.000128	509938.5	124452.8	508.8164	32660278
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.863122	1.044378	1.242896	6.745318	10.23579	1051.462	0.693431	0.637957	0.009695	0.008582	34113529	18182954	33420.41	1.78E+09
Statewide	2015	Constructic	Aggregate	Aggregate	Diesel	0.050624	0.061255	0.072898	0.289552	0.446244	43.26846	0.030659	0.028206	0.000399	0.000353	1403798	662132.9	2007.73	52130263
Statewide	2015	Industrial -	Aggregate	Aggregate	Diesel	0.021164	0.025608	0.030476	0.390168	0.411522	66.6294	0.017078	0.015712	0.000615	0.000544	2161718	2080692	7530.663	1.31E+08
Statewide	2015	Industrial -	Aggregate	Aggregate	Diesel	0.340015	0.411418	0.489622	2.131078	3.416555	280.5367	0.262502	0.241502	0.002584	0.00229	9101703	9737622	14127.05	8.71E+08
Statewide	2015	Industrial -	Aggregate	Aggregate	Diesel	0.007224	0.008688	0.010384	0.035059	0.054854	0.000123	0.002262	0.001709	8.34E-07	7.18E-07	2856.829	0	1276.876	0
Statewide	2015	Industrial -	Aggregate	Aggregate	Diesel	0.005802	0.006978	0.00834	0.028146	0.04534	0.000106	0.001544	0.001167	6.69E-07	5.77E-07	2294.13	0	280.2503	0
Statewide	2015	Industrial -	Aggregate	Aggregate	Diesel	0.001564	0.001881	0.002248	0.00825	0.012413	2.92E-05	0.000429	0.000324	1.9E-07	1.64E-07	652.1938	0	121.4719	0
Statewide	2015	Industrial -	Aggregate	Aggregate	Diesel	0.146788	0.177613	0.211374	0.901291	1.305759	135.4912	0.085562	0.078717	0.001248	0.001106	4395861	2746875	3596.413	2.42E+08
Statewide	2015	Industrial -	Aggregate	Aggregate	Diesel	0.054012	0.065354	0.077777	0.38327	0.718872	79.4388	0.036852	0.033904	0.000733	0.000648	2577304	750801.4	1081.799	1.26E+08
Statewide	2015	Light Comn	Aggregate	Aggregate	Diesel	0.062384	0.07428	0.089826	0.285009	0.259362	28.3463	0.021815	0.020379	0.000359	0.000241	957438.1	853884.6	1221.231	31593732
Statewide	2015	Light Comn	Aggregate	Aggregate	Diesel	0.181931	0.21739	0.261809	0.909091	1.15346	133.1298	0.064881	0.067787	0.001517	0.001113	4427069	1719099	14996.36	56730264
Statewide	2015	Light Comn	Aggregate	Aggregate	Diesel	0.000791	0.000947	0.001139	0.004387	0.005911	0.688985	0.000298	0.00032	7.76E-06	5.62E-06	22348.61	17322.9	446.704	658270.2
Statewide	2015	Light Comn	Aggregate	Aggregate	Diesel	0.110975	0.132573	0.159706	0.532123	0.644037	73.52061	0.038567	0.039921	0.000846	0.000616	2449449	897224.8	7808.173	33197316
Statewide	2015	Light Comn	Aggregate	Aggregate	Diesel	0.285994	0.340804	0.411745	1.31878	1.319416	147.2024	0.100069	0.095871	0.001811	0.001245	4948500	3367534	8895.356	1.55E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.024487	0.029629	0.035261	0.233115	0.416964	74.4322	0.015563	0.014318	0.000687	0.000608	2414871	421884.4	1268.896	93034871
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.159812	0.193372	0.230129	1.158101	2.22782	176.4686	0.106014	0.097533	0.001627	0.00144	5725330	1662345	3817.363	3.84E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.339829	0.411193	0.489353	2.237173	4.810833	436.7935	0.233932	0.215218	0.004028	0.003565	14171282	3002718	7031.529	6.38E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.381589	0.461722	0.549487	3.01716	5.283812	785.0689	0.231062	0.212577	0.007247	0.006408	25470696	8132417	13666.67	1.28E+09
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.246867	0.298709	0.355489	1.302741	3.47913	296.3827	0.155153	0.142741	0.002733	0.002419	9615812	2402415	4418.192	4.54E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.001802	0.002167	0.00259	0.007922	0.013677	3.18E-05	0.000474	0.000358	1.96E-07	1.69E-07	670.7136	0	109.3863	0

Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.002174	0.002615	0.003126	0.012493	0.016196	3.81E-05	0.000615	0.000464	2.8E-07	2.41E-07	958.7628	0	730.49	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.002074	0.002472	0.002986	0.010954	0.011576	1.101273	0.000754	0.000681	1.43E-05	9.28E-06	36893.55	26298.25	66.85122	867842.2
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.000213	0.000257	0.000307	0.000872	0.001628	3.73E-06	5.84E-05	4.41E-05	2.22E-08	1.91E-08	76.07573	0	30.68512	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.001524	0.001834	0.002191	0.006258	0.011586	2.67E-05	0.000389	0.000294	1.59E-07	1.37E-07	544.8176	0	48.43	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.004457	0.005361	0.006407	0.026393	0.033624	8.05E-05	0.001176	0.000889	5.85E-07	5.04E-07	2005.348	0	460.6681	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.000403	0.000484	0.000579	0.001639	0.003063	6.98E-06	0.000116	8.73E-05	4.18E-08	3.6E-08	143.1805	0	18.93	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.000683	0.000822	0.000982	0.002805	0.005193	1.2E-05	0.000184	0.000139	7.12E-08	6.14E-08	244.1744	0	47.58473	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.001449	0.001742	0.002083	0.00914	0.010912	2.63E-05	0.000383	0.00029	1.99E-07	1.71E-07	680.3981	0	422.94	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.010131	0.012185	0.014563	0.053217	0.076639	0.000181	0.002651	0.002003	1.23E-06	1.06E-06	4213.038	0	1289.357	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.000253	0.000304	0.000363	0.001038	0.001921	4.43E-06	6.44E-05	4.87E-05	2.64E-08	2.27E-08	90.34102	0	11.37603	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.023417	0.028156	0.033665	0.147054	0.174609	0.487198	0.006292	0.004802	9.4E-06	6.7E-06	26653.12	9453.5	3714.489	349779.5
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.08466	0.101827	0.121699	0.338063	0.628017	0.001413	0.024137	0.018237	8.69E-06	7.48E-06	29771.62	0	5105.188	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.007275	0.00875	0.010458	0.029783	0.055476	0.000127	0.001967	0.001486	7.57E-07	6.52E-07	2595.849	0	353.9885	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.009375	0.011276	0.013477	0.043116	0.071115	0.000166	0.002415	0.001824	1.05E-06	9.01E-07	3586.477	0	564.0998	0
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.125535	0.151897	0.18077	0.82608	1.338444	166.1554	0.074379	0.068429	0.001532	0.001356	5390730	1906442	3111.175	2.36E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.611867	0.740359	0.881089	3.836917	8.850621	995.9855	0.330664	0.304211	0.00919	0.008129	32313654	4057734	3256.252	1.64E+09
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.150877	0.182562	0.217263	1.069794	1.997235	222.3005	0.099469	0.091511	0.002051	0.001814	7212296	1938593	4708.476	3.34E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.036478	0.044138	0.052528	0.260383	0.469659	52.3627	0.025636	0.023585	0.000483	0.000427	1698850	609147.2	1671.117	78899001
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.020618	0.024948	0.02969	0.150672	0.271274	30.45699	0.014476	0.013318	0.000281	0.000249	988143.3	406575.7	946.8432	53448967
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.128611	0.155619	0.1852	0.907	1.252156	135.7419	0.081651	0.075119	0.001251	0.001108	4403996	2762867	8711.447	2.22E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.067343	0.081485	0.096974	0.902369	1.040157	147.3756	0.055346	0.050918	0.001361	0.001203	4781438	2284467	8776.13	2.29E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.102487	0.124009	0.147581	0.854236	1.28688	86.97837	0.066114	0.060825	0.000801	0.00071	2821917	550943.9	775.9196	1.38E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.877566	1.061855	1.263695	5.444495	11.79219	1196.766	0.540467	0.497229	0.011038	0.009768	38827747	10290046	11374.42	2.08E+09
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.557582	0.674674	0.802918	4.910664	8.456199	779.8035	0.350248	0.322228	0.007193	0.006365	25299865	2760840	6390.689	1.01E+09
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.070157	0.08489	0.101026	0.903313	0.96756	142.7982	0.053908	0.049596	0.001318	0.001165	4632931	3654220	11380.56	2.39E+08
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.006776	0.008199	0.009758	0.049565	0.119537	16.37403	0.004497	0.004137	0.000151	0.000134	531237.4	129603.9	522.6083	33998365
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.847869	1.025922	1.220932	6.956085	10.00447	1093.8	0.671764	0.618023	0.010087	0.008927	35487129	18939824	34326.29	1.85E+09
Statewide	2016	Constructic	Aggregate	Aggregate	Diesel	0.050669	0.061309	0.072963	0.29769	0.445148	45.08933	0.030453	0.028017	0.000415	0.000368	1462874	689649.2	2062.151	54295397
Statewide	2016	Industrial -	Aggregate	Aggregate	Diesel	0.019563	0.023671	0.028171	0.403467	0.383047	69.40218	0.013846	0.012739	0.000641	0.000566	2251677	2167280	7734.788	1.36E+08
Statewide	2016	Industrial -	Aggregate	Aggregate	Diesel	0.330731	0.400184	0.476252	2.181332	3.338049	292.2112	0.255201	0.234785	0.002692	0.002385	9480471	10142853	14509.97	9.07E+08
Statewide	2016	Industrial -	Aggregate	Aggregate	Diesel	0.007182	0.008639	0.010325	0.035	0.054584	0.000123	0.00221	0.00167	8.31E-07	7.16E-07	2847.725	0	1284.848	0
Statewide	2016	Industrial -	Aggregate	Aggregate	Diesel	0.005735	0.006898	0.008244	0.027833	0.044821	0.000105	0.001526	0.001153	6.62E-07	5.7E-07	2268.314	0	277.2629	0
Statewide	2016	Industrial -	Aggregate	Aggregate	Diesel	0.001504	0.001809	0.002161	0.007937	0.011935	2.81E-05	0.000411	0.00031	1.83E-07	1.58E-07	627.3022	0	116.8854	0
Statewide	2016	Industrial -	Aggregate	Aggregate	Diesel	0.14538	0.17591	0.209347	0.926228	1.289859	141.1296	0.084028	0.077306	0.0013	0.001152	4578795	2861186	3693.896	2.52E+08
Statewide	2016	Industrial -	Aggregate	Aggregate	Diesel	0.054379	0.065799	0.078306	0.394509	0.711946	82.74465	0.036271	0.03337	0.000763	0.000675	2684559	782046	1111.122	1.31E+08
Statewide	2016	Light Comn	Aggregate	Aggregate	Diesel	0.056036	0.066724	0.080685	0.276375	0.250876	28.37215	0.019748	0.018459	0.000359	0.000241	956610.1	854768	1222.141	31626414
Statewide	2016	Light Comn	Aggregate	Aggregate	Diesel	0.168118	0.200926	0.241923	0.888304	1.119732	133.259	0.059525	0.062454	0.001518	0.001113	4427647	1720709	15010.89	56783382
Statewide	2016	Light Comn	Aggregate	Aggregate	Diesel	0.000733	0.000877	0.001054	0.004301	0.005726	0.68968	0.000273	0.000295	7.77E-06	5.64E-06	22412.32	17315.6	447.1038	657992.8
Statewide	2016	Light Comn	Aggregate	Aggregate	Diesel	0.102081	0.121968	0.146902	0.519943	0.624324	73.5929	0.035241	0.036585	0.000847	0.000616	2449497	898115.4	7815.972	33230268
Statewide	2016	Light Comn	Aggregate	Aggregate	Diesel	0.259174	0.308868	0.373127	1.282268	1.277413	147.3379	0.090967	0.08727	0.001813	0.001244	4945786	3370640	8903.495	1.55E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.024165	0.029239	0.034797	0.241266	0.404739	77.41561	0.014891	0.013699	0.000715	0.000632	2511664	438711.3	1301.782	96827132
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.154681	0.187164	0.22274	1.140889	2.151596	183.5613	0.101538	0.093415	0.001692	0.001498	5955444	1728750	3916.301	4E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.342541	0.414475	0.493259	2.268606	4.792786	454.2537	0.233858	0.21515	0.00419	0.003708	14737762	3122698	7213.77	6.64E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.370945	0.448843	0.534161	3.089116	4.980916	816.5757	0.217074	0.199708	0.007539	0.006665	26492900	8457337	14020.88	1.33E+09
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.248523	0.300713	0.357873	1.334033	3.464627	308.0097	0.153927	0.141613	0.00284	0.002514	9993037	2498392	4532.701	4.72E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.001813	0.00218	0.002606	0.007969	0.013762	3.2E-05	0.000469	0.000354	1.97E-07	1.7E-07	674.75	0	110.0305	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.002194	0.002639	0.003154	0.012663	0.016372	3.87E-05	0.00061	0.000461	2.83E-07	2.44E-07	970.2951	0	741.5801	0

Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.001903	0.002269	0.00274	0.010853	0.01142	1.117689	0.000693	0.000625	1.45E-05	9.4E-06	37354.96	26637.7	67.89698	879044.1
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.000217	0.000261	0.000312	0.000888	0.001652	3.79E-06	5.82E-05	4.4E-05	2.26E-08	1.94E-08	77.36288	0	31.23784	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.001546	0.00186	0.002223	0.006349	0.011754	2.71E-05	0.000395	0.000299	1.61E-07	1.39E-07	552.6924	0	49.13	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.004528	0.005446	0.006509	0.026814	0.034162	8.18E-05	0.001193	0.000901	5.94E-07	5.12E-07	2037.336	0	468.0151	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.000407	0.00049	0.000585	0.001663	0.003103	7.1E-06	0.000111	8.39E-05	4.23E-08	3.65E-08	145.0944	0	19.26	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.000692	0.000832	0.000994	0.002839	0.005256	1.21E-05	0.000182	0.000138	7.21E-08	6.21E-08	247.1423	0	48.16311	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.00147	0.001768	0.002113	0.009272	0.01107	2.67E-05	0.000389	0.000294	2.01E-07	1.73E-07	690.2436	0	429.06	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.010258	0.012338	0.014746	0.053889	0.077599	0.000183	0.002675	0.002021	1.24E-06	1.07E-06	4266.116	0	1305.741	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.000252	0.000304	0.000363	0.001036	0.001918	4.43E-06	6.44E-05	4.86E-05	2.63E-08	2.27E-08	90.19641	0	11.35782	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.023677	0.028469	0.034038	0.149127	0.177063	0.49446	0.006353	0.004844	9.54E-06	6.79E-06	26997.76	9617.75	3769.917	355856.7
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.084553	0.101698	0.121546	0.339983	0.630137	0.001428	0.023717	0.01792	8.71E-06	7.5E-06	29854.16	0	5160.249	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.007379	0.008876	0.010608	0.030251	0.056184	0.000129	0.001964	0.001484	7.69E-07	6.62E-07	2635.165	0	359.5491	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.009415	0.011324	0.013534	0.043328	0.071413	0.000167	0.002425	0.001832	1.05E-06	9.06E-07	3603.129	0	567.9916	0
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.119781	0.144934	0.172484	0.837462	1.259823	172.7299	0.070135	0.064524	0.001593	0.00141	5604031	1982609	3191.809	2.46E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.589757	0.713606	0.84925	3.75368	8.416495	1035.553	0.308955	0.284238	0.009557	0.008452	33597364	4219810	3340.646	1.7E+09
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.149477	0.180867	0.215247	1.074167	1.948957	231.0239	0.097351	0.089563	0.002131	0.001886	7495317	2016081	4830.508	3.47E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.035609	0.043087	0.051277	0.269503	0.454169	54.43585	0.024827	0.022841	0.000502	0.000444	1766111	633460.2	1714.428	82045333
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.019791	0.023947	0.028499	0.154789	0.256979	31.67727	0.013603	0.012515	0.000292	0.000259	1027734	422808.2	971.3833	55574905
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.124926	0.15116	0.179893	0.929927	1.21241	141.13	0.078396	0.072124	0.001301	0.001152	4578808	2873364	8937.228	2.31E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.063408	0.076723	0.091307	0.932601	0.967365	153.2613	0.049436	0.045481	0.001415	0.001251	4972394	2375251	9003.587	2.39E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.10026	0.121315	0.144374	0.844591	1.270328	90.54243	0.064309	0.059164	0.000834	0.000739	2937549	572976.1	796.0297	1.43E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.858833	1.039188	1.23672	5.525019	11.3523	1244.395	0.519689	0.478114	0.011479	0.010157	40373010	10701171	11669.21	2.16E+09
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.545777	0.660391	0.785919	4.764729	8.176077	810.9035	0.336885	0.309934	0.007481	0.006618	26308871	2871110	6556.321	1.05E+09
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.068469	0.082847	0.098595	0.935854	0.941441	148.4882	0.050275	0.046253	0.001371	0.001212	4817536	3800162	11675.52	2.49E+08
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.006747	0.008164	0.009716	0.050925	0.116664	17.06182	0.004442	0.004086	0.000158	0.000139	553551.8	134797.8	536.1531	35410751
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.821757	0.994327	1.183331	7.156014	9.666569	1136.367	0.638268	0.587207	0.010482	0.009275	36868191	19696073	35215.95	1.93E+09
Statewide	2017	Constructic	Aggregate	Aggregate	Diesel	0.050023	0.060527	0.072032	0.306484	0.439404	46.90428	0.030049	0.027645	0.000432	0.000383	1521758	717219.2	2115.597	56462468
Statewide	2017	Industrial -	Aggregate	Aggregate	Diesel	0.018083	0.02188	0.026039	0.417036	0.359152	72.17497	0.0109	0.010028	0.000667	0.000589	2341637	2253868	7935.256	1.42E+08
Statewide	2017	Industrial -	Aggregate	Aggregate	Diesel	0.320555	0.387872	0.461599	2.237283	3.252935	303.8857	0.245581	0.225935	0.0028	0.00248	9859238	10548085	14886.03	9.44E+08
Statewide	2017	Industrial -	Aggregate	Aggregate	Diesel	0.007145	0.008593	0.01027	0.034913	0.054272	0.000124	0.002153	0.001626	8.28E-07	7.13E-07	2837.715	0	1289.93	0
Statewide	2017	Industrial -	Aggregate	Aggregate	Diesel	0.005659	0.006807	0.008135	0.027476	0.044231	0.000103	0.001506	0.001138	6.53E-07	5.63E-07	2238.839	0	273.814	0
Statewide	2017	Industrial -	Aggregate	Aggregate	Diesel	0.001438	0.001729	0.002067	0.007595	0.011413	2.69E-05	0.000391	0.000296	1.75E-07	1.51E-07	600.1254	0	111.8722	0
Statewide	2017	Industrial -	Aggregate	Aggregate	Diesel	0.142807	0.172796	0.205642	0.952298	1.259408	146.7681	0.081078	0.074591	0.001353	0.001198	4761729	2975497	3789.634	2.62E+08
Statewide	2017	Industrial -	Aggregate	Aggregate	Diesel	0.053496	0.06473	0.077034	0.403917	0.694074	86.0505	0.034815	0.03203	0.000794	0.000702	2791814	813290.7	1139.92	1.36E+08
Statewide	2017	Light Comn	Aggregate	Aggregate	Diesel	0.049978	0.059513	0.071961	0.268476	0.242938	28.40069	0.017746	0.016603	0.000359	0.00024	955883.3	855567.3	1223.521	31655990
Statewide	2017	Light Comn	Aggregate	Aggregate	Diesel	0.155297	0.185649	0.223465	0.870691	1.089468	133.3869	0.054472	0.057449	0.00152	0.001114	4428470	1722402	15025.45	56839271
Statewide	2017	Light Comn	Aggregate	Aggregate	Diesel	0.000679	0.000813	0.000977	0.004232	0.005566	0.690704	0.00025	0.000272	7.78E-06	5.64E-06	22428.91	17315.6	448.054	657992.8
Statewide	2017	Light Comn	Aggregate	Aggregate	Diesel	0.094023	0.112365	0.135301	0.509468	0.606753	73.66637	0.032153	0.033523	0.000847	0.000616	2449906	899046.1	7823.701	33264706
Statewide	2017	Light Comn	Aggregate	Aggregate	Diesel	0.233818	0.278679	0.336616	1.249111	1.238582	147.4836	0.082239	0.079057	0.001814	0.001244	4943898	3373907	8912.375	1.55E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.021805	0.026384	0.031399	0.240616	0.354151	80.16023	0.012798	0.011774	0.00074	0.000654	2600711	455569.6	1334.101	1E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.142072	0.171907	0.204583	1.087756	1.970046	190.6394	0.091866	0.084517	0.001758	0.001556	6185084	1795171	4013.527	4.15E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.326116	0.3946	0.469607	2.232102	4.479061	471.2145	0.219726	0.202148	0.004347	0.003846	15288034	3242672	7392.86	6.89E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.326588	0.395171	0.470286	3.087321	4.238379	847.9592	0.180231	0.165812	0.00783	0.006921	27511101	8782172	14368.96	1.39E+09
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.239183	0.289412	0.344424	1.336786	3.305003	319.4272	0.144812	0.133227	0.002946	0.002607	10363463	2594350	4645.231	4.9E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.001823	0.002193	0.002621	0.008021	0.013842	3.21E-05	0.000469	0.000354	1.98E-07	1.71E-07	678.9695	0	110.7589	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.002213	0.002662	0.003181	0.012825	0.01655	3.93E-05	0.000606	0.000458	2.86E-07	2.47E-07	981.435	0	752.31	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.001734	0.002068	0.002497	0.010755	0.011268	1.134108	0.000631	0.000568	1.47E-05	9.53E-06	37893.08	27101.25	68.84523	894341.3

Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.000219	0.000264	0.000315	0.000898	0.001669	3.84E-06	5.81E-05	4.39E-05	2.28E-08	1.97E-08	78.26873	0	31.61674	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.00157	0.001888	0.002257	0.006444	0.011931	2.75E-05	0.000401	0.000303	1.64E-07	1.41E-07	561.017	0	49.87	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.004601	0.005534	0.006614	0.027244	0.03471	8.31E-05	0.001211	0.000915	6.04E-07	5.2E-07	2070.045	0	475.5295	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.000411	0.000495	0.000591	0.001685	0.003137	7.2E-06	0.00011	8.33E-05	4.28E-08	3.69E-08	146.8151	0	19.53	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.000701	0.000843	0.001008	0.002878	0.005329	1.23E-05	0.000181	0.000137	7.31E-08	6.3E-08	250.5655	0	48.83023	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.001491	0.001794	0.002144	0.009408	0.011232	2.71E-05	0.000395	0.000298	2.04E-07	1.76E-07	700.3786	0	435.36	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.010382	0.012487	0.014924	0.054555	0.078538	0.000186	0.002703	0.002042	1.26E-06	1.09E-06	4318.42	0	1322.119	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.000254	0.000305	0.000365	0.001042	0.00193	4.45E-06	6.49E-05	4.9E-05	2.65E-08	2.28E-08	90.74679	0	11.42713	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.023939	0.028785	0.034414	0.151204	0.17952	0.501724	0.006415	0.004886	9.68E-06	6.89E-06	27386.18	9771.05	3825.345	361528.8
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.084573	0.101722	0.121575	0.341813	0.633842	0.001443	0.023293	0.017599	8.74E-06	7.53E-06	29950.75	0	5211.722	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.007487	0.009005	0.010762	0.030717	0.056943	0.000131	0.001967	0.001487	7.8E-07	6.72E-07	2674.819	0	365.0893	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.00949	0.011414	0.013642	0.043694	0.07198	0.000168	0.002445	0.001847	1.06E-06	9.13E-07	3632.877	0	573.5552	0
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.108353	0.131108	0.156029	0.827333	1.108234	179.3014	0.061931	0.056977	0.001654	0.001463	5817237	2058796	3271.049	2.55E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.526125	0.636612	0.757621	3.518146	7.389719	1075.536	0.260028	0.239226	0.009928	0.008778	34894597	4381895	3423.582	1.77E+09
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.137804	0.166743	0.198438	1.038072	1.760523	239.9741	0.087696	0.08068	0.002215	0.001959	7785694	2093535	4950.431	3.61E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.032602	0.039448	0.046946	0.275176	0.417815	56.53694	0.022397	0.020605	0.000522	0.000461	1834279	657831.2	1756.991	85203895
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.016955	0.020515	0.024415	0.153085	0.222479	32.89182	0.011242	0.010342	0.000304	0.000268	1067139	439054.4	995.4989	57721276
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.110965	0.134267	0.159789	0.933854	1.084845	146.5626	0.067919	0.062485	0.001352	0.001196	4755062	2983680	9159.104	2.4E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.054606	0.066073	0.078633	0.955317	0.835884	159.1331	0.038869	0.03576	0.00147	0.001299	5162898	2466748	9227.112	2.48E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.093545	0.11319	0.134705	0.800589	1.18173	94.04343	0.059225	0.054487	0.000867	0.000768	3051135	594997	815.792	1.48E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.788146	0.953657	1.134931	5.412804	10.22004	1292.051	0.462209	0.425233	0.011922	0.010546	41919186	11112405	11958.92	2.25E+09
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.499919	0.604902	0.719883	4.298216	7.389339	842.1614	0.299469	0.275512	0.007771	0.006874	27322998	2981456	6719.089	1.09E+09
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.060213	0.072858	0.086706	0.957036	0.861413	154.0749	0.041508	0.038188	0.001423	0.001258	4998789	3945961	11965.38	2.58E+08
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.0059	0.007139	0.008496	0.050071	0.099883	17.67277	0.003793	0.003489	0.000163	0.000144	573373.7	139972.3	549.4637	36720094
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.716395	0.866838	1.031609	7.14947	8.583151	1178.216	0.538754	0.495654	0.010872	0.009616	38225915	20452558	36090.23	2E+09
Statewide	2018	Constructic	Aggregate	Aggregate	Diesel	0.046369	0.056107	0.066772	0.30847	0.414278	48.70842	0.027612	0.025403	0.000449	0.000398	1580291	744816.1	2168.119	58617247
Statewide	2018	Industrial -	Aggregate	Aggregate	Diesel	0.016008	0.01937	0.023051	0.428767	0.329321	74.94775	0.007643	0.007032	0.000692	0.000612	2431597	2340456	8132.257	1.47E+08
Statewide	2018	Industrial -	Aggregate	Aggregate	Diesel	0.280046	0.338856	0.403267	2.231133	2.896902	315.5603	0.212117	0.195147	0.002909	0.002576	10238006	10953316	15255.6	9.8E+08
Statewide	2018	Industrial -	Aggregate	Aggregate	Diesel	0.007112	0.008554	0.010224	0.034777	0.054081	0.000124	0.002095	0.001583	8.25E-07	7.1E-07	2826.043	0	1293.006	0
Statewide	2018	Industrial -	Aggregate	Aggregate	Diesel	0.005573	0.006703	0.008011	0.027068	0.043561	0.000102	0.001483	0.001121	6.43E-07	5.54E-07	2205.313	0	269.8532	0
Statewide	2018	Industrial -	Aggregate	Aggregate	Diesel	0.00138	0.001659	0.001983	0.007292	0.010953	2.58E-05	0.000375	0.000284	1.68E-07	1.45E-07	576.071	0	107.4216	0
Statewide	2018	Industrial -	Aggregate	Aggregate	Diesel	0.123141	0.149	0.177322	0.888122	1.092682	152.4066	0.068	0.06256	0.001405	0.001244	4944663	3089809	3883.716	2.72E+08
Statewide	2018	Industrial -	Aggregate	Aggregate	Diesel	0.047604	0.057601	0.06855	0.393359	0.619387	89.35634	0.029453	0.027097	0.000825	0.000729	2899068	844535.3	1168.22	1.41E+08
Statewide	2018	Light Comn	Aggregate	Aggregate	Diesel	0.044158	0.052585	0.06358	0.261011	0.235272	28.42437	0.015781	0.014782	0.00036	0.00024	955220.6	856319.2	1224.321	31683810
Statewide	2018	Light Comn	Aggregate	Aggregate	Diesel	0.143191	0.171223	0.206036	0.854516	1.060858	133.5117	0.049603	0.052636	0.001521	0.001114	4429275	1724030	15039.37	56892992
Statewide	2018	Light Comn	Aggregate	Aggregate	Diesel	0.000629	0.000753	0.000905	0.004168	0.005414	0.691336	0.000228	0.00025	7.79E-06	5.64E-06	22440.63	17308.3	448.4538	657715.4
Statewide	2018	Light Comn	Aggregate	Aggregate	Diesel	0.086422	0.103308	0.124358	0.499789	0.590142	73.73413	0.029182	0.030585	0.000848	0.000616	2450068	899867.3	7830.68	33295092
Statewide	2018	Light Comn	Aggregate	Aggregate	Diesel	0.209498	0.249727	0.301598	1.217896	1.201367	147.621	0.073708	0.07104	0.001816	0.001243	4942076	3377057	8920.755	1.55E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.021418	0.025915	0.030842	0.247661	0.335467	83.07697	0.012201	0.011225	0.000767	0.000678	2695341	472418.4	1365.879	1.04E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.133917	0.16204	0.192841	1.053489	1.845799	197.706	0.085032	0.07823	0.001824	0.001614	6414353	1861629	4109.129	4.31E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.315795	0.382112	0.454745	2.224368	4.261167	488.6376	0.209804	0.193019	0.004508	0.003988	15853308	3362677	7568.957	7.14E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.310015	0.375118	0.446421	3.152656	3.871032	879.2278	0.16141	0.148497	0.00812	0.007176	28525577	9107073	14711.23	1.44E+09
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.23297	0.281893	0.335476	1.35417	3.174033	330.7641	0.137988	0.126949	0.003051	0.0027	10731276	2690312	4755.879	5.07E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.00183	0.002201	0.00263	0.008054	0.01389	3.23E-05	0.000469	0.000354	1.99E-07	1.71E-07	681.5541	0	111.2076	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.002236	0.002689	0.003214	0.012992	0.016758	3.99E-05	0.000605	0.000457	2.9E-07	2.5E-07	993.3244	0	763.14	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.001572	0.001875	0.002263	0.010668	0.011121	1.150527	0.00057	0.000512	1.49E-05	9.66E-06	38409.42	27440.7	69.91825	905543.1
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.000223	0.000268	0.00032	0.000913	0.001694	3.9E-06	5.84E-05	4.41E-05	2.32E-08	2E-08	79.54929	0	32.14408	0

Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.001593	0.001916	0.00229	0.00654	0.012108	2.79E-05	0.000407	0.000308	1.66E-07	1.43E-07	569.3417	0	50.61	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.004674	0.005622	0.006719	0.027674	0.035262	8.45E-05	0.00123	0.000929	6.14E-07	5.29E-07	2102.768	0	483.0424	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.000418	0.000503	0.000601	0.001715	0.003185	7.33E-06	0.000111	8.37E-05	4.36E-08	3.75E-08	149.3747	0	19.88	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.000711	0.000856	0.001023	0.002921	0.005408	1.25E-05	0.000181	0.000137	7.42E-08	6.39E-08	254.2855	0	49.55519	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.001513	0.00182	0.002175	0.009544	0.011395	2.75E-05	0.000401	0.000303	2.07E-07	1.79E-07	710.5136	0	441.66	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.010505	0.012635	0.0151	0.055218	0.079466	0.000188	0.002735	0.002066	1.28E-06	1.1E-06	4370.405	0	1338.509	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.00026	0.000312	0.000373	0.001065	0.001973	4.55E-06	6.63E-05	5.01E-05	2.71E-08	2.33E-08	92.75686	0	11.68024	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.024204	0.029105	0.034795	0.153287	0.181981	0.508987	0.006477	0.004928	9.82E-06	6.99E-06	27785.69	9920.7	3880.782	367065.9
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.084715	0.101893	0.121779	0.343762	0.637956	0.001456	0.022903	0.017305	8.77E-06	7.56E-06	30071.48	0	5260.776	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.007591	0.009131	0.010912	0.03116	0.057707	0.000133	0.001972	0.00149	7.92E-07	6.82E-07	2712.877	0	370.3535	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.009584	0.011527	0.013777	0.044141	0.072696	0.00017	0.00247	0.001866	1.07E-06	9.22E-07	3669.658	0	579.8895	0
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.102389	0.12389	0.14744	0.843026	1.045219	185.8835	0.056987	0.052428	0.001716	0.001517	6030787	2134999	3348.965	2.65E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.503433	0.609153	0.724943	3.481257	6.865856	1115.125	0.235821	0.216955	0.010295	0.009102	36179004	4544068	3505.131	1.83E+09
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.134691	0.162977	0.193956	1.043698	1.684111	248.8968	0.083662	0.076969	0.002297	0.002031	8075184	2170988	5068.35	3.74E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.030919	0.037412	0.044523	0.282585	0.390434	58.62621	0.020959	0.019282	0.000541	0.000478	1902063	682148.8	1798.842	88338777
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.016539	0.020013	0.023817	0.157676	0.213343	34.10748	0.010678	0.009824	0.000315	0.000278	1106580	455321.9	1019.212	59852203
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.103104	0.124756	0.14847	0.952278	1.015713	152.0031	0.061456	0.05654	0.001402	0.001241	4931572	3094158	9377.273	2.49E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.051456	0.062261	0.074096	0.987203	0.791357	165.0129	0.034615	0.031846	0.001524	0.001347	5353663	2558234	9446.9	2.57E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.092531	0.111963	0.133245	0.79583	1.15654	97.54769	0.057751	0.053131	0.000899	0.000796	3164827	616993.3	835.224	1.54E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.747201	0.904113	1.075969	5.396425	9.476769	1340.454	0.424308	0.390363	0.012371	0.010941	43489540	11523558	12243.78	2.33E+09
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.484051	0.585702	0.697034	4.15174	7.010368	873.052	0.283214	0.260557	0.008057	0.007126	28325209	3091916	6879.137	1.13E+09
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.05757	0.06966	0.082901	0.989243	0.834872	159.8418	0.037399	0.034407	0.001476	0.001305	5185890	4091792	12250.39	2.68E+08
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.005689	0.006883	0.008192	0.05149	0.094632	18.34385	0.00358	0.003293	0.000169	0.00015	595146.1	145157.8	562.5518	38123654
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.661371	0.800259	0.952375	7.297521	7.956965	1221.399	0.474733	0.436754	0.011273	0.009969	39626931	21209812	36949.89	2.07E+09
Statewide	2019	Constructic	Aggregate	Aggregate	Diesel	0.045241	0.054741	0.065146	0.315571	0.412287	50.47859	0.026942	0.024786	0.000465	0.000412	1637722	772378.1	2219.763	60772621
Statewide	2019	Industrial -	Aggregate	Aggregate	Diesel	0.015787	0.019102	0.022733	0.444605	0.325356	77.72054	0.006462	0.005945	0.000718	0.000634	2521557	2427044	8325.966	1.53E+08
Statewide	2019	Industrial -	Aggregate	Aggregate	Diesel	0.259715	0.314255	0.373989	2.265294	2.70051	327.2348	0.193032	0.17759	0.003018	0.002671	10616773	11358547	15618.98	1.02E+09
Statewide	2019	Industrial -	Aggregate	Aggregate	Diesel	0.007092	0.00853	0.010195	0.034673	0.053962	0.000124	0.002043	0.001544	8.22E-07	7.08E-07	2817.77	0	1296.069	0
Statewide	2019	Industrial -	Aggregate	Aggregate	Diesel	0.005507	0.006624	0.007917	0.026762	0.043049	0.000101	0.001466	0.001108	6.36E-07	5.48E-07	2179.948	0	266.9504	0
Statewide	2019	Industrial -	Aggregate	Aggregate	Diesel	0.001336	0.001607	0.001921	0.007073	0.010611	2.5E-05	0.000364	0.000275	1.63E-07	1.4E-07	558.4593	0	104.2239	0
Statewide	2019	Industrial -	Aggregate	Aggregate	Diesel	0.115994	0.140353	0.167031	0.9009	1.037137	158.045	0.062675	0.057661	0.001458	0.00129	5127597	3204120	3976.225	2.82E+08
Statewide	2019	Industrial -	Aggregate	Aggregate	Diesel	0.046286	0.056006	0.066652	0.403738	0.59593	92.66219	0.027368	0.025178	0.000855	0.000756	3006323	875779.9	1196.046	1.47E+08
Statewide	2019	Light Comn	Aggregate	Aggregate	Diesel	0.038683	0.046069	0.055697	0.253973	0.227803	28.45319	0.013855	0.012998	0.00036	0.00024	954706.7	857209.8	1225.871	31716763
Statewide	2019	Light Comn	Aggregate	Aggregate	Diesel	0.131747	0.157589	0.18956	0.839291	1.033442	133.6466	0.044866	0.047957	0.001522	0.001114	4430772	1725600	15054.72	56944785
Statewide	2019	Light Comn	Aggregate	Aggregate	Diesel	0.000583	0.000698	0.000838	0.004109	0.005269	0.692077	0.000207	0.000228	7.8E-06	5.65E-06	22466.39	17333.85	448.9939	658686.3
Statewide	2019	Light Comn	Aggregate	Aggregate	Diesel	0.079208	0.094711	0.113971	0.490613	0.574176	73.80582	0.026288	0.027728	0.000849	0.000616	2450570	900717.8	7838.65	33326559
Statewide	2019	Light Comn	Aggregate	Aggregate	Diesel	0.186162	0.221945	0.267996	1.187845	1.165093	147.7657	0.065301	0.063145	0.001818	0.001243	4940605	3380473	8929.264	1.56E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.021327	0.025806	0.030711	0.256326	0.322809	86.2617	0.011655	0.010723	0.000797	0.000704	2798666	489284	1397.143	1.08E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.128431	0.155402	0.184941	1.024662	1.744605	204.7315	0.079985	0.073586	0.001889	0.001671	6642287	1928056	4203.184	4.46E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.30882	0.373672	0.444701	2.229424	4.100581	506.0833	0.201671	0.185537	0.00467	0.004131	16419316	3482626	7742.206	7.4E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.302487	0.36601	0.435582	3.240668	3.634166	910.3747	0.149651	0.137679	0.008408	0.00743	29536104	9431966	15047.96	1.49E+09
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.231611	0.280249	0.333519	1.388376	3.11644	342.3059	0.134269	0.123528	0.003158	0.002794	11105738	2786347	4864.739	5.25E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.001837	0.00221	0.002641	0.008091	0.013948	3.24E-05	0.000471	0.000356	2E-07	1.72E-07	684.6003	0	111.7345	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.002261	0.002719	0.00325	0.013165	0.016982	4.04E-05	0.000606	0.000458	2.94E-07	2.53E-07	1005.896	0	774.12	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.001451	0.001731	0.002089	0.010632	0.010995	1.166945	0.000515	0.000461	1.51E-05	9.78E-06	38893.05	27838.55	71.10154	918672.1
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.000225	0.000271	0.000323	0.000924	0.001711	3.95E-06	5.84E-05	4.42E-05	2.35E-08	2.02E-08	80.41926	0	32.50252	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.001613	0.00194	0.002319	0.006622	0.012261	2.83E-05	0.000412	0.000312	1.68E-07	1.45E-07	576.5414	0	51.25	0

Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.004746	0.005709	0.006823	0.028102	0.035808	8.58E-05	0.001249	0.000944	6.23E-07	5.37E-07	2135.299	0	490.5145	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.000424	0.000509	0.000609	0.001737	0.003222	7.42E-06	0.000111	8.4E-05	4.41E-08	3.8E-08	151.289	0	20.14	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.000721	0.000867	0.001037	0.002961	0.005481	1.27E-05	0.000184	0.000139	7.52E-08	6.48E-08	257.7432	0	50.22902	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.001535	0.001846	0.002207	0.009685	0.011563	2.79E-05	0.000407	0.000307	2.1E-07	1.81E-07	720.9865	0	448.17	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.010634	0.01279	0.015287	0.055914	0.080446	0.00019	0.002769	0.002092	1.29E-06	1.11E-06	4425.102	0	1355.674	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.000265	0.000319	0.000382	0.00109	0.002018	4.66E-06	6.79E-05	5.13E-05	2.77E-08	2.38E-08	94.88456	0	11.94817	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.024486	0.029446	0.035201	0.155388	0.184445	0.516251	0.006542	0.004973	9.96E-06	7.08E-06	28133.66	10026.55	3936.089	370982.3
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.084961	0.102189	0.122133	0.345891	0.642178	0.00147	0.022564	0.017049	8.82E-06	7.59E-06	30216.73	0	5308.781	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.007703	0.009264	0.011073	0.031621	0.058544	0.000135	0.001983	0.001499	8.03E-07	6.92E-07	2752.883	0	375.8355	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.009695	0.011661	0.013936	0.044649	0.073535	0.000171	0.002498	0.001888	1.08E-06	9.33E-07	3711.919	0	586.4803	0
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.101178	0.122425	0.145696	0.862341	1.008876	192.5668	0.054388	0.050037	0.001777	0.001572	6247618	2211113	3425.621	2.74E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.493548	0.597193	0.710709	3.51581	6.559356	1154.89	0.2217	0.203964	0.010663	0.009426	37469121	4706124	3585.361	1.9E+09
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.132689	0.160554	0.191072	1.066745	1.638171	257.862	0.08098	0.074502	0.00238	0.002105	8366048	2248438	5184.361	3.88E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.029967	0.03626	0.043152	0.291502	0.372144	60.70193	0.020002	0.018402	0.00056	0.000495	1969407	706466.6	1840.017	91465382
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.016124	0.019511	0.023219	0.162124	0.205719	35.31226	0.010091	0.009283	0.000326	0.000288	1145667	471563	1042.541	61962360
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.100351	0.121425	0.144506	0.980829	0.986542	157.4296	0.058466	0.053789	0.001453	0.001285	5107629	3204557	9591.913	2.57E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.050199	0.060741	0.072287	1.021922	0.763855	170.9554	0.031669	0.029136	0.001579	0.001395	5546461	2649657	9663.134	2.66E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.090947	0.110046	0.130963	0.778504	1.119617	101.0332	0.055915	0.051442	0.000931	0.000825	3277911	639011.5	854.3418	1.59E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.727413	0.88017	1.047475	5.451889	9.023907	1388.514	0.40027	0.368248	0.012816	0.011333	45048809	11934575	12524.03	2.42E+09
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.468842	0.567299	0.675133	4.038566	6.623984	904.0122	0.267512	0.246111	0.008344	0.007378	29329681	3202196	7036.596	1.17E+09
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.056981	0.068947	0.082053	1.025532	0.822102	165.558	0.034863	0.032074	0.001529	0.001351	5371346	4238002	12530.8	2.77E+08
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.005622	0.006803	0.008096	0.053217	0.092364	18.99677	0.003478	0.0032	0.000175	0.000155	616329.3	150343.9	575.4283	39481869
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.619807	0.749966	0.892522	7.463363	7.411864	1264.521	0.422206	0.388429	0.011673	0.010321	41026001	21966055	37795.65	2.14E+09
Statewide	2020	Constructic	Aggregate	Aggregate	Diesel	0.044523	0.053873	0.064113	0.322375	0.407394	52.24722	0.02636	0.024251	0.000482	0.000426	1695104	799954.3	2270.572	62833169
Statewide	2020	Industrial -	Aggregate	Aggregate	Diesel	0.015944	0.019293	0.02296	0.460248	0.32098	80.49332	0.005529	0.005086	0.000744	0.000657	2611517	2513632	8516.543	1.58E+08
Statewide	2020	Industrial -	Aggregate	Aggregate	Diesel	0.240627	0.291159	0.346503	2.306348	2.505179	338.9094	0.173644	0.159753	0.003126	0.002766	10995541	11763779	15976.49	1.05E+09
Statewide	2020	Industrial -	Aggregate	Aggregate	Diesel	0.00708	0.008516	0.010178	0.034588	0.053864	0.000125	0.001992	0.001505	8.2E-07	7.07E-07	2811.731	0	1298.842	0
Statewide	2020	Industrial -	Aggregate	Aggregate	Diesel	0.005456	0.006562	0.007843	0.026537	0.042654	9.97E-05	0.001453	0.001097	6.3E-07	5.43E-07	2160.829	0	264.9529	0
Statewide	2020	Industrial -	Aggregate	Aggregate	Diesel	0.001321	0.001589	0.001899	0.007012	0.010496	2.47E-05	0.00036	0.000272	1.61E-07	1.39E-07	553.0686	0	103.3661	0
Statewide	2020	Industrial -	Aggregate	Aggregate	Diesel	0.107518	0.130097	0.154827	0.898847	0.953202	163.6835	0.055931	0.051456	0.00151	0.001336	5310531	3318431	4067.238	2.92E+08
Statewide	2020	Industrial -	Aggregate	Aggregate	Diesel	0.044346	0.053659	0.063858	0.408439	0.564682	95.96804	0.024674	0.0227	0.000886	0.000783	3113577	907024.5	1223.423	1.52E+08
Statewide	2020	Light Comn	Aggregate	Aggregate	Diesel	0.034577	0.041182	0.049785	0.248648	0.220915	28.48179	0.012141	0.011409	0.00036	0.00024	954581.6	858009.2	1227.121	31746339
Statewide	2020	Light Comn	Aggregate	Aggregate	Diesel	0.122937	0.147089	0.176876	0.827324	1.008314	133.773	0.04062	0.043749	0.001524	0.001115	4432702	1727293	15068.82	57000674
Statewide	2020	Light Comn	Aggregate	Aggregate	Diesel	0.000546	0.000654	0.000786	0.004061	0.005134	0.692422	0.000188	0.000209	7.8E-06	5.65E-06	22476.17	17301	449.2438	657438
Statewide	2020	Light Comn	Aggregate	Aggregate	Diesel	0.073611	0.088041	0.105914	0.483467	0.559575	73.87867	0.023687	0.02515	0.00085	0.000616	2451510	901648.6	7846.269	33360996
Statewide	2020	Light Comn	Aggregate	Aggregate	Diesel	0.168239	0.200607	0.242189	1.164561	1.131713	147.9095	0.057775	0.056068	0.001819	0.001243	4940600	3383634	8937.904	1.56E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.020391	0.024673	0.029363	0.264647	0.295097	89.42255	0.010641	0.00979	0.000826	0.00073	2901216	506120.7	1427.917	1.12E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.1227	0.148466	0.176687	1.009572	1.631808	211.7633	0.074757	0.068776	0.001954	0.001728	6870428	1994461	4295.766	4.61E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.299205	0.362038	0.430855	2.258119	3.887814	523.1518	0.191587	0.17626	0.004828	0.00427	16973084	3602644	7912.741	7.65E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.291999	0.353319	0.420479	3.332245	3.320364	941.1966	0.135969	0.125091	0.008693	0.007682	30536088	9756841	15379.41	1.54E+09
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.223636	0.2706	0.322036	1.403463	2.967951	353.8978	0.126315	0.116209	0.003265	0.002888	11481824	2882305	4971.893	5.43E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.001863	0.00224	0.002678	0.008213	0.014141	3.28E-05	0.000478	0.000361	2.03E-07	1.75E-07	694.5957	0	113.4376	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.002286	0.00275	0.003287	0.013338	0.017204	4.1E-05	0.000609	0.00046	2.97E-07	2.56E-07	1018.442	0	784.96	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.001361	0.001624	0.00196	0.010633	0.010873	1.183364	0.000465	0.000414	1.53E-05	9.91E-06	39383.72	28232.75	72.05067	931680.7
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.000228	0.000275	0.000328	0.000937	0.001736	4.01E-06	5.88E-05	4.45E-05	2.38E-08	2.05E-08	81.60571	0	32.98404	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.001638	0.00197	0.002355	0.006725	0.01245	2.87E-05	0.000419	0.000316	1.71E-07	1.47E-07	585.4286	0	52.04	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.00482	0.005797	0.006929	0.028535	0.036363	8.71E-05	0.001269	0.000959	6.33E-07	5.45E-07	2168.301	0	498.0926	0

Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.00043	0.000518	0.000619	0.001766	0.003273	7.55E-06	0.000112	8.47E-05	4.49E-08	3.87E-08	153.8078	0	20.48	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.000731	0.000879	0.001051	0.003002	0.005557	1.28E-05	0.000187	0.000141	7.62E-08	6.57E-08	261.3064	0	50.92341	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.001557	0.001872	0.002238	0.009821	0.011725	2.83E-05	0.000412	0.000312	2.13E-07	1.84E-07	731.1216	0	454.47	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.010779	0.012965	0.015495	0.056688	0.081542	0.000193	0.002807	0.002121	1.31E-06	1.13E-06	4485.987	0	1374.626	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.000274	0.00033	0.000394	0.001126	0.002086	4.81E-06	7.01E-05	5.3E-05	2.86E-08	2.46E-08	98.06884	0	12.34914	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.024785	0.029805	0.03563	0.157518	0.186928	0.523514	0.006609	0.005021	1.01E-05	7.17E-06	28518.92	10198.1	3991.619	377329.7
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.086086	0.103543	0.12375	0.35143	0.652571	0.001497	0.02268	0.017136	8.95E-06	7.71E-06	30665.93	0	5406.458	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.007812	0.009397	0.01123	0.032072	0.059379	0.000137	0.002001	0.001512	8.15E-07	7.02E-07	2792.145	0	381.1956	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.009827	0.011819	0.014126	0.045269	0.074536	0.000174	0.002532	0.001913	1.1E-06	9.46E-07	3763.102	0	595.087	0
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.094282	0.114082	0.135767	0.87721	0.917516	199.2226	0.048426	0.044552	0.001839	0.001626	6463557	2287296	3501.076	2.84E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.459895	0.556473	0.662249	3.467744	5.876262	1195.175	0.192935	0.1775	0.011036	0.009755	38776134	4868276	3664.335	1.96E+09
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.127389	0.15414	0.18344	1.083536	1.54261	266.6868	0.075903	0.06983	0.002462	0.002177	8652361	2325905	5298.555	4.01E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.028568	0.034567	0.041137	0.299766	0.352824	62.76046	0.018627	0.017137	0.000579	0.000512	2036194	730817.1	1880.546	94623662
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.015259	0.018463	0.021973	0.166895	0.191018	36.53372	0.009147	0.008415	0.000337	0.000298	1185296	487786.1	1065.504	64152989
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.09461	0.114478	0.136239	1.001382	0.935779	162.861	0.053545	0.049261	0.001503	0.001329	5283847	3314891	9803.191	2.66E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.048033	0.05812	0.069167	1.056013	0.731414	176.8844	0.028433	0.026159	0.001634	0.001444	5738821	2740940	9875.98	2.76E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.088396	0.106959	0.12729	0.753044	1.070146	104.404	0.053328	0.049062	0.000963	0.000852	3387272	661014.3	873.1601	1.65E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.689765	0.834615	0.993261	5.496277	8.262257	1437.792	0.363546	0.334463	0.013272	0.011735	46647588	12345581	12799.89	2.5E+09
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.45123	0.545989	0.649771	3.944068	6.222422	935.514	0.250228	0.230209	0.008636	0.007636	30351723	3312392	7191.589	1.22E+09
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.055507	0.067164	0.079931	1.059393	0.807779	171.2668	0.031959	0.029402	0.001582	0.001398	5556562	4383943	12806.81	2.87E+08
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.005298	0.00641	0.007629	0.054718	0.083323	19.66558	0.00318	0.002926	0.000182	0.000161	638028	155525.9	588.1031	40863973
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.578414	0.699881	0.832917	7.644796	6.883941	1308.574	0.370776	0.341114	0.012081	0.01068	42455237	22722847	38628.16	2.22E+09
Statewide	2021	Constructic	Aggregate	Aggregate	Diesel	0.041843	0.05063	0.060254	0.32596	0.392757	54.05187	0.02445	0.022494	0.000498	0.000441	1753653	827441.5	2320.586	64984774
Statewide	2021	Industrial -	Aggregate	Aggregate	Diesel	0.01589	0.019227	0.022882	0.476808	0.317856	83.26611	0.004693	0.004318	0.000769	0.00068	2701477	2600220	8704.134	1.64E+08
Statewide	2021	Industrial -	Aggregate	Aggregate	Diesel	0.223751	0.270739	0.322202	2.356886	2.340299	350.5839	0.155828	0.143362	0.003235	0.002861	11374309	12169010	16328.4	1.09E+09
Statewide	2021	Industrial -	Aggregate	Aggregate	Diesel	0.007276	0.008752	0.01046	0.035486	0.055318	0.000128	0.001994	0.001507	8.42E-07	7.26E-07	2886.547	0	1338.118	0
Statewide	2021	Industrial -	Aggregate	Aggregate	Diesel	0.005612	0.00675	0.008068	0.027309	0.043881	0.000103	0.001494	0.001129	6.49E-07	5.59E-07	2223.365	0	272.7586	0
Statewide	2021	Industrial -	Aggregate	Aggregate	Diesel	0.001413	0.001699	0.002031	0.007535	0.011235	2.65E-05	0.000385	0.000291	1.73E-07	1.49E-07	593.3341	0	111.1786	0
Statewide	2021	Industrial -	Aggregate	Aggregate	Diesel	0.100066	0.121079	0.144094	0.911395	0.896572	169.322	0.050153	0.046141	0.001562	0.001382	5493465	3432742	4156.826	3.03E+08
Statewide	2021	Industrial -	Aggregate	Aggregate	Diesel	0.042537	0.05147	0.061253	0.416811	0.511695	99.27389	0.022658	0.020846	0.000917	0.00081	3220832	938269.1	1250.371	1.57E+08
Statewide	2021	Light Comn	Aggregate	Aggregate	Diesel	0.031757	0.037827	0.045724	0.248751	0.218553	29.27677	0.010636	0.010018	0.00037	0.000247	980128.5	882037.1	1261.48	32635373
Statewide	2021	Light Comn	Aggregate	Aggregate	Diesel	0.118299	0.14158	0.170196	0.836204	1.009256	137.5016	0.037193	0.040457	0.001566	0.001145	4553897	1775568	15488.61	58593746
Statewide	2021	Light Comn	Aggregate	Aggregate	Diesel	0.00053	0.000635	0.000762	0.004125	0.005142	0.712065	0.000173	0.000194	8.02E-06	5.81E-06	23093.13	17779.15	462.0229	675607.7
Statewide	2021	Light Comn	Aggregate	Aggregate	Diesel	0.070443	0.084274	0.101351	0.488213	0.559176	75.93826	0.02156	0.023097	0.000873	0.000633	2518399	926775.2	8064.872	34290681
Statewide	2021	Light Comn	Aggregate	Aggregate	Diesel	0.156073	0.186131	0.224669	1.167319	1.123281	152.0346	0.051239	0.049978	0.00187	0.001276	5073557	3478154	9187.002	1.6E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.018941	0.022919	0.027276	0.270852	0.260821	92.42172	0.009194	0.008459	0.000854	0.000754	2998521	522994.7	1458.224	1.16E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.113572	0.137423	0.163544	0.975004	1.460182	218.7762	0.06731	0.061926	0.002019	0.001786	7097952	2060914	4386.942	4.77E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.274907	0.332637	0.395866	2.244219	3.438272	540.3007	0.170849	0.157182	0.004987	0.00441	17529461	3722641	8080.685	7.9E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.268192	0.324512	0.386196	3.385871	2.870109	972.6305	0.114522	0.10536	0.008984	0.007938	31555925	10081792	15705.83	1.59E+09
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.208916	0.252788	0.300838	1.413164	2.706872	365.5909	0.114205	0.105068	0.003374	0.002984	11861194	2978250	5077.419	5.61E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.001881	0.002262	0.002703	0.008297	0.014276	3.32E-05	0.000483	0.000365	2.05E-07	1.76E-07	701.4904	0	114.5964	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.002313	0.002782	0.003325	0.013513	0.017424	4.16E-05	0.000615	0.000464	3.01E-07	2.59E-07	1031.366	0	795.88	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.00129	0.00154	0.001857	0.010661	0.010762	1.199779	0.000417	0.00037	1.55E-05	1E-05	39940.41	28678.05	73.13628	946375.6
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.000232	0.000279	0.000333	0.000952	0.001762	4.07E-06	5.95E-05	4.49E-05	2.42E-08	2.08E-08	82.87036	0	33.4957	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.001658	0.001995	0.002384	0.006809	0.012606	2.91E-05	0.000424	0.00032	1.73E-07	1.49E-07	592.7408	0	52.69	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.004891	0.005883	0.007031	0.028958	0.036901	8.84E-05	0.001288	0.000973	6.42E-07	5.53E-07	2200.412	0	505.4707	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.000437	0.000525	0.000628	0.001793	0.003321	7.66E-06	0.000113	8.53E-05	4.56E-08	3.92E-08	156.1242	0	20.79	0

Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.000742	0.000892	0.001066	0.003045	0.005638	1.3E-05	0.00019	0.000143	7.74E-08	6.66E-08	265.0994	0	51.66259	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.001578	0.001898	0.002268	0.009956	0.011886	2.87E-05	0.000418	0.000316	2.16E-07	1.86E-07	741.1439	0	460.7	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.010921	0.013135	0.015699	0.057438	0.082613	0.000195	0.002844	0.002149	1.33E-06	1.14E-06	4545.215	0	1392.935	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.000284	0.000342	0.000409	0.001167	0.00216	4.99E-06	7.26E-05	5.49E-05	2.96E-08	2.55E-08	101.5789	0	12.79114	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.02509	0.030172	0.036068	0.159651	0.189406	0.530776	0.006678	0.005069	1.02E-05	7.27E-06	28921.88	10303.95	4046.907	381246.1
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.086677	0.104254	0.1246	0.354519	0.658256	0.001512	0.022723	0.017169	9.02E-06	7.77E-06	30911.12	0	5462.469	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.007924	0.009531	0.011391	0.032531	0.060228	0.000139	0.002025	0.00153	8.26E-07	7.12E-07	2832.059	0	386.645	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.009947	0.011964	0.014299	0.045826	0.07545	0.000176	0.002564	0.001937	1.11E-06	9.57E-07	3809.321	0	602.4602	0
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.086232	0.104341	0.124174	0.890111	0.829562	205.9082	0.042016	0.038655	0.001901	0.001681	6680466	2363518	3575.385	2.93E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.415838	0.503164	0.598807	3.362521	5.089482	1235.918	0.158112	0.145463	0.011414	0.010087	40098014	5030463	3742.108	2.03E+09
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.117683	0.142396	0.169463	1.074243	1.373738	275.8773	0.06798	0.062542	0.002547	0.002252	8950535	2403345	5411.015	4.15E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.025648	0.031034	0.036933	0.306526	0.307728	64.87874	0.016087	0.0148	0.000599	0.00053	2104919	755158.5	1920.46	97756441
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.013956	0.016887	0.020097	0.171034	0.169029	37.75925	0.007829	0.007202	0.000349	0.000308	1225057	504027.8	1088.119	66346545
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.085481	0.103432	0.123093	1.017286	0.861769	168.2733	0.046773	0.043031	0.001553	0.001373	5459442	3425336	10011.26	2.75E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.044916	0.054349	0.064679	1.087737	0.68918	182.7637	0.024342	0.022394	0.001688	0.001492	5929568	2832254	10085.59	2.85E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.085529	0.10349	0.123161	0.750868	1.025832	107.9264	0.050276	0.046253	0.000995	0.000881	3501554	683081.9	891.6925	1.7E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.618355	0.74821	0.890431	5.489929	6.987248	1486.568	0.304535	0.280172	0.013726	0.012133	48230072	12756715	13071.56	2.59E+09
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.41217	0.498726	0.593525	3.720551	5.442348	967.3323	0.218946	0.201431	0.008931	0.007895	31384031	3422898	7344.227	1.26E+09
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.052484	0.063505	0.075576	1.089381	0.778902	177.1025	0.027794	0.02557	0.001636	0.001445	5745895	4530086	13078.63	2.97E+08
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.005018	0.006072	0.007226	0.055714	0.075548	20.30073	0.002886	0.002655	0.000188	0.000166	658634.7	160711.3	600.5853	42161653
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.530485	0.641887	0.763899	7.802078	6.255163	1353.068	0.313076	0.28803	0.012494	0.011044	43898794	23479749	39448.03	2.29E+09
Statewide	2022	Constructic	Aggregate	Aggregate	Diesel	0.039857	0.048228	0.057395	0.331873	0.381805	55.86679	0.023146	0.021295	0.000515	0.000456	1812536	854964.3	2369.839	67148544
Statewide	2022	Industrial -	Aggregate	Aggregate	Diesel	0.015936	0.019282	0.022947	0.492614	0.314983	86.03889	0.004411	0.004058	0.000795	0.000702	2791437	2686808	8888.875	1.69E+08
Statewide	2022	Industrial -	Aggregate	Aggregate	Diesel	0.203201	0.245873	0.292609	2.398773	2.153123	362.2584	0.134895	0.124103	0.003343	0.002957	11753076	12574242	16674.96	1.13E+09
Statewide	2022	Industrial -	Aggregate	Aggregate	Diesel	0.007288	0.008766	0.010476	0.0355	0.055376	0.000129	0.001974	0.001491	8.43E-07	7.26E-07	2888.946	0	1342.336	0
Statewide	2022	Industrial -	Aggregate	Aggregate	Diesel	0.005607	0.006744	0.00806	0.027286	0.043841	0.000102	0.001493	0.001128	6.48E-07	5.58E-07	2221.435	0	272.5645	0
Statewide	2022	Industrial -	Aggregate	Aggregate	Diesel	0.001429	0.001718	0.002054	0.007622	0.011362	2.68E-05	0.00039	0.000294	1.75E-07	1.51E-07	600.1271	0	112.4723	0
Statewide	2022	Industrial -	Aggregate	Aggregate	Diesel	0.089092	0.107801	0.128292	0.904369	0.814987	174.9604	0.041943	0.038587	0.001615	0.001428	5676399	3547054	4245.053	3.13E+08
Statewide	2022	Industrial -	Aggregate	Aggregate	Diesel	0.038824	0.046976	0.055906	0.418979	0.436616	102.5797	0.018978	0.01746	0.000947	0.000837	3328086	969513.8	1276.91	1.62E+08
Statewide	2022	Light Comn	Aggregate	Aggregate	Diesel	0.029434	0.035062	0.042379	0.246692	0.213215	29.39197	0.009258	0.008741	0.000372	0.000247	983300.5	885475.4	1266.43	32762590
Statewide	2022	Light Comn	Aggregate	Aggregate	Diesel	0.113342	0.135675	0.163057	0.831348	0.993297	138.0299	0.033821	0.037127	0.001572	0.001149	4569838	1782379	15548.12	58818505
Statewide	2022	Light Comn	Aggregate	Aggregate	Diesel	0.00051	0.000611	0.000734	0.004106	0.005059	0.714563	0.000158	0.00018	8.05E-06	5.81E-06	23096.02	17837.55	463.5926	677826.9
Statewide	2022	Light Comn	Aggregate	Aggregate	Diesel	0.067176	0.080381	0.096648	0.48534	0.549664	76.23195	0.019495	0.021062	0.000877	0.000636	2527272	930385	8096.03	34424245
Statewide	2022	Light Comn	Aggregate	Aggregate	Diesel	0.145409	0.173435	0.209314	1.157177	1.098382	152.6207	0.045144	0.044256	0.001877	0.00128	5090162	3491554	9222.411	1.61E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.018899	0.022867	0.027214	0.279522	0.25131	95.45476	0.008764	0.008063	0.000882	0.000779	3096925	539855.6	1488.084	1.19E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.108755	0.131594	0.156607	0.95466	1.357907	225.8333	0.062606	0.057598	0.002085	0.001843	7326914	2127271	4476.774	4.92E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.261424	0.316323	0.376451	2.267026	3.162036	557.7896	0.157871	0.145242	0.005149	0.004553	18096870	3842549	8246.154	8.16E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.260793	0.31556	0.375542	3.478706	2.634438	1004.106	0.102876	0.094646	0.009276	0.008195	32577100	10406482	16027.44	1.64E+09
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.198417	0.240085	0.285721	1.439575	2.490086	377.11	0.10487	0.09648	0.003481	0.003078	12234918	3074398	5181.389	5.78E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.001903	0.002289	0.002736	0.008401	0.014446	3.36E-05	0.000489	0.000369	2.07E-07	1.78E-07	710.1354	0	116.0455	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.002341	0.002815	0.003365	0.013691	0.01765	4.21E-05	0.000621	0.000469	3.05E-07	2.63E-07	1044.506	0	806.79	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.001228	0.001465	0.001767	0.010697	0.010646	1.216197	0.000372	0.000329	1.58E-05	1.02E-05	40482.02	29057.65	74.07071	958902.5
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.000235	0.000283	0.000338	0.000967	0.001789	4.13E-06	6.02E-05	4.55E-05	2.46E-08	2.11E-08	84.14514	0	34.01096	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.001684	0.002025	0.00242	0.006912	0.012797	2.95E-05	0.00043	0.000325	1.76E-07	1.51E-07	601.7405	0	53.49	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.004965	0.005972	0.007137	0.029392	0.037456	8.97E-05	0.001307	0.000988	6.52E-07	5.61E-07	2233.429	0	513.0531	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.000444	0.000534	0.000638	0.001822	0.003373	7.79E-06	0.000114	8.62E-05	4.63E-08	3.99E-08	158.5947	0	21.12	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.000752	0.000905	0.001082	0.003089	0.005719	1.32E-05	0.000192	0.000145	7.85E-08	6.76E-08	268.941	0	52.41124	0

Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.001599	0.001924	0.002299	0.01009	0.012046	2.91E-05	0.000424	0.00032	2.19E-07	1.89E-07	751.102	0	466.89	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.011066	0.01331	0.015908	0.058208	0.083713	0.000198	0.002882	0.002178	1.34E-06	1.16E-06	4605.97	0	1411.678	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.000296	0.000356	0.000425	0.001215	0.002249	5.19E-06	7.56E-05	5.71E-05	3.09E-08	2.66E-08	105.7483	0	13.31617	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.025399	0.030544	0.036512	0.161792	0.191887	0.53804	0.006748	0.005119	1.04E-05	7.37E-06	29295.57	10439	4102.151	386243
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.087355	0.105069	0.125575	0.357826	0.664196	0.001528	0.022801	0.017227	9.1E-06	7.84E-06	31180.2	0	5519.593	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.008041	0.009672	0.01156	0.033012	0.061119	0.000141	0.002054	0.001552	8.39E-07	7.22E-07	2873.965	0	392.3661	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.010122	0.012174	0.01455	0.046614	0.076773	0.000179	0.002608	0.001971	1.13E-06	9.74E-07	3875.333	0	612.2824	0
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.080697	0.097643	0.116203	0.900082	0.769939	212.5865	0.036446	0.03353	0.001963	0.001735	6897135	2439650	3648.598	3.03E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.409705	0.495743	0.589975	3.413432	4.848502	1276.29	0.14706	0.135295	0.011788	0.010417	41407817	5192515	3818.736	2.09E+09
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.113903	0.137823	0.16402	1.08421	1.301791	284.8262	0.063548	0.058464	0.00263	0.002325	9240871	2480857	5521.817	4.28E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.024747	0.029943	0.035635	0.315418	0.2897	66.97149	0.014986	0.013787	0.000618	0.000547	2172816	779508.9	1959.785	1.01E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.013382	0.016192	0.019269	0.175361	0.157382	38.96592	0.007174	0.0066	0.00036	0.000318	1264206	520243.6	1110.401	68463489
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.080556	0.097473	0.116001	1.038451	0.822929	173.6992	0.042213	0.038836	0.001604	0.001418	5635480	3535588	10216.26	2.84E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.043627	0.052789	0.062823	1.121675	0.666521	188.6734	0.02182	0.020074	0.001743	0.00154	6121302	2922904	10292.12	2.94E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.081102	0.098133	0.116786	0.736207	0.965243	111.4192	0.046875	0.043125	0.001028	0.000909	3614872	705077.1	909.9518	1.75E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.591139	0.715278	0.85124	5.585703	6.376589	1534.76	0.275334	0.253308	0.014172	0.012527	49793597	13167839	13339.23	2.67E+09
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.408067	0.493761	0.587617	3.728571	5.229955	998.4798	0.21049	0.193651	0.009219	0.008149	32394576	3533025	7494.615	1.3E+09
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.05099	0.061698	0.073426	1.122597	0.755314	182.8917	0.02454	0.022576	0.001689	0.001493	5933721	4675785	13346.44	3.06E+08
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.004916	0.005948	0.007079	0.057517	0.071477	20.98706	0.002695	0.00248	0.000194	0.000171	680902.1	165862.8	612.8835	43590145
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.504554	0.610511	0.726558	8.020585	5.883348	1397.944	0.274489	0.25253	0.01291	0.01141	45354748	24236329	40255.81	2.37E+09
Statewide	2023	Constructic	Aggregate	Aggregate	Diesel	0.037907	0.045868	0.054586	0.331899	0.370184	57.70393	0.021039	0.019356	0.000532	0.000471	1872140	882543.9	2418.366	69370762
Statewide	2023	Industrial -	Aggregate	Aggregate	Diesel	0.01609	0.019469	0.023169	0.508406	0.315664	88.81167	0.004119	0.00379	0.000821	0.000725	2881397	2773396	9070.893	1.74E+08
Statewide	2023	Industrial -	Aggregate	Aggregate	Diesel	0.188612	0.22822	0.271601	2.452298	1.998736	373.933	0.117791	0.108368	0.003452	0.003052	12131844	12979473	17016.42	1.16E+09
Statewide	2023	Industrial -	Aggregate	Aggregate	Diesel	0.007287	0.008764	0.010474	0.03546	0.055335	0.000129	0.001958	0.00148	8.42E-07	7.26E-07	2886.759	0	1343.637	0
Statewide	2023	Industrial -	Aggregate	Aggregate	Diesel	0.005595	0.00673	0.008044	0.027224	0.043749	0.000102	0.00149	0.001126	6.47E-07	5.57E-07	2216.553	0	271.8784	0
Statewide	2023	Industrial -	Aggregate	Aggregate	Diesel	0.00143	0.00172	0.002056	0.007592	0.011363	2.67E-05	0.00039	0.000294	1.75E-07	1.51E-07	598.8285	0	111.9251	0
Statewide	2023	Industrial -	Aggregate	Aggregate	Diesel	0.080902	0.097891	0.116499	0.899733	0.753117	180.5989	0.035346	0.032519	0.001667	0.001474	5859332	3661365	4331.979	3.23E+08
Statewide	2023	Industrial -	Aggregate	Aggregate	Diesel	0.037321	0.045159	0.053743	0.42816	0.402607	105.8856	0.017486	0.016087	0.000978	0.000864	3435341	1000758	1303.057	1.68E+08
Statewide	2023	Light Comn	Aggregate	Aggregate	Diesel	0.027479	0.032735	0.039564	0.245383	0.208276	29.50559	0.008016	0.007591	0.000373	0.000248	986662.7	888796.9	1271.66	32885485
Statewide	2023	Light Comn	Aggregate	Aggregate	Diesel	0.109045	0.130558	0.156871	0.827686	0.978762	138.5519	0.03076	0.03411	0.001578	0.001153	4585947	1789153	15606.77	59042061
Statewide	2023	Light Comn	Aggregate	Aggregate	Diesel	0.000493	0.000591	0.00071	0.004094	0.004986	0.717316	0.000145	0.000166	8.08E-06	5.82E-06	23130.1	17961.65	465.2226	682542.7
Statewide	2023	Light Comn	Aggregate	Aggregate	Diesel	0.064314	0.07697	0.092528	0.483187	0.540957	76.52019	0.017623	0.019221	0.00088	0.000638	2536035	933896.3	8126.787	34554163
Statewide	2023	Light Comn	Aggregate	Aggregate	Diesel	0.136233	0.162511	0.196102	1.149909	1.07536	153.195	0.039589	0.039044	0.001884	0.001284	5106803	3504825	9256.999	1.61E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.019267	0.023313	0.027745	0.28886	0.249014	98.52213	0.008634	0.007943	0.00091	0.000804	3196442	556666.3	1517.517	1.23E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.106447	0.128801	0.153284	0.960783	1.295373	232.8416	0.059616	0.054847	0.00215	0.0019	7554289	2193715	4565.319	5.07E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.254693	0.308178	0.366758	2.295171	3.009967	574.9645	0.148959	0.137042	0.005308	0.004693	18654091	3962573	8409.253	8.41E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.259517	0.314016	0.373705	3.588653	2.537677	1035.594	0.096371	0.088661	0.009567	0.008452	33598709	10731510	16344.45	1.69E+09
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.19034	0.230311	0.27409	1.466613	2.311024	388.7065	0.097571	0.089765	0.003588	0.003173	12611156	3170332	5283.871	5.96E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.001931	0.002322	0.002776	0.008527	0.014656	3.4E-05	0.000496	0.000375	2.1E-07	1.81E-07	720.6399	0	117.785	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.00237	0.002851	0.003407	0.013874	0.017884	4.27E-05	0.000628	0.000474	3.09E-07	2.66E-07	1058.207	0	817.7899	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.001178	0.001406	0.001695	0.010754	0.010546	1.232615	0.000336	0.000295	1.6E-05	1.03E-05	41009.4	29470.1	75.18215	972513.3
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.000238	0.000287	0.000343	0.000979	0.001813	4.18E-06	6.09E-05	4.6E-05	2.49E-08	2.14E-08	85.23637	0	34.45203	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.001704	0.00205	0.00245	0.006997	0.012955	2.99E-05	0.000436	0.000329	1.78E-07	1.53E-07	609.1652	0	54.15	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.005038	0.006059	0.007242	0.029822	0.038006	9.1E-05	0.001326	0.001002	6.61E-07	5.7E-07	2266.151	0	520.5676	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.000449	0.00054	0.000646	0.001844	0.003414	7.88E-06	0.000115	8.68E-05	4.68E-08	4.04E-08	160.5471	0	21.38	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.000763	0.000917	0.001096	0.003131	0.005797	1.34E-05	0.000195	0.000147	7.95E-08	6.85E-08	272.6101	0	53.12628	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.001621	0.00195	0.00233	0.010227	0.01221	2.95E-05	0.000429	0.000324	2.22E-07	1.91E-07	761.3174	0	473.24	0

Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.01122	0.013495	0.016129	0.059017	0.084877	0.000201	0.002922	0.002208	1.36E-06	1.17E-06	4670.003	0	1431.275	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.000306	0.000368	0.000439	0.001254	0.002322	5.36E-06	7.81E-05	5.9E-05	3.19E-08	2.74E-08	109.2086	0	13.7519	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.025713	0.030922	0.036963	0.163943	0.194378	0.545303	0.006822	0.005172	1.05E-05	7.47E-06	29713.31	10581.35	4157.591	391509.9
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.088143	0.106017	0.126707	0.361406	0.670542	0.001544	0.022904	0.017306	9.19E-06	7.91E-06	31479.48	0	5578.399	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.008152	0.009805	0.011719	0.033467	0.061961	0.000143	0.002083	0.001574	8.5E-07	7.32E-07	2913.56	0	397.7718	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.010255	0.012335	0.014742	0.047228	0.077788	0.000181	0.002643	0.001997	1.15E-06	9.87E-07	3926.415	0	620.2169	0
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.079075	0.095681	0.113868	0.924269	0.743496	219.2652	0.033646	0.030955	0.002025	0.00179	7113817	2515808	3720.763	3.12E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.416607	0.504094	0.599914	3.477961	4.77905	1316.424	0.141407	0.130094	0.012158	0.010744	42709918	5354652	3894.266	2.16E+09
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.112208	0.135772	0.161579	1.112495	1.252567	293.8415	0.060788	0.055925	0.002713	0.002398	9533365	2558303	5631.032	4.41E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.024326	0.029434	0.035029	0.325564	0.275158	69.10319	0.014285	0.013142	0.000638	0.000564	2241977	803842.4	1998.547	1.04E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.013102	0.015854	0.018867	0.18086	0.149693	40.17281	0.006648	0.006117	0.000371	0.000328	1303363	536487.8	1132.363	70583456
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.078472	0.094951	0.112999	1.067633	0.80039	179.1433	0.03957	0.036404	0.001654	0.001462	5812106	3645943	10418.33	2.93E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.043086	0.052134	0.062044	1.156292	0.65584	194.5272	0.020467	0.018829	0.001797	0.001588	6311222	3014208	10495.68	3.03E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.078852	0.095411	0.113547	0.723677	0.924648	114.8794	0.044433	0.040878	0.00106	0.000938	3727137	727097.2	927.9495	1.81E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.579625	0.701346	0.83466	5.719323	5.954764	1582.638	0.254922	0.234529	0.014615	0.012917	51346963	13579057	13603.06	2.75E+09
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.403219	0.487894	0.580635	3.728222	4.98305	1029.291	0.201446	0.18533	0.009504	0.008401	33394215	3643470	7642.85	1.34E+09
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.050838	0.061514	0.073207	1.157941	0.751008	188.6865	0.023205	0.021349	0.001743	0.00154	6121727	4821826	13610.42	3.16E+08
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.004846	0.005863	0.006978	0.05914	0.069436	21.65971	0.002562	0.002357	0.0002	0.000177	702725.6	171053	625.0056	44977468
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.497892	0.602449	0.716965	8.283385	5.72556	1442.584	0.251103	0.231015	0.013322	0.011774	46803055	24992747	41052.02	2.44E+09
Statewide	2024	Constructic	Aggregate	Aggregate	Diesel	0.037468	0.045337	0.053955	0.33856	0.368782	59.46621	0.020456	0.018819	0.000549	0.000485	1929316	910101.6	2466.199	71498102
Statewide	2024	Industrial -	Aggregate	Aggregate	Diesel	0.01642	0.019868	0.023645	0.524079	0.322898	91.58446	0.004143	0.003812	0.000846	0.000748	2971357	2859984	9250.305	1.8E+08
Statewide	2024	Industrial -	Aggregate	Aggregate	Diesel	0.17872	0.216252	0.257357	2.515984	1.892233	385.6075	0.104843	0.096456	0.00356	0.003147	12510611	13384704	17352.98	1.2E+09
Statewide	2024	Industrial -	Aggregate	Aggregate	Diesel	0.007282	0.008759	0.010468	0.035423	0.055272	0.000129	0.001942	0.001467	8.42E-07	7.25E-07	2884.223	0	1343.836	0
Statewide	2024	Industrial -	Aggregate	Aggregate	Diesel	0.005568	0.006697	0.008005	0.027121	0.043545	0.000102	0.001483	0.00112	6.44E-07	5.55E-07	2207.288	0	271.1433	0
Statewide	2024	Industrial -	Aggregate	Aggregate	Diesel	0.001417	0.001704	0.002037	0.00754	0.011265	2.65E-05	0.000386	0.000292	1.73E-07	1.49E-07	594.2664	0	111.2091	0
Statewide	2024	Industrial -	Aggregate	Aggregate	Diesel	0.077709	0.094028	0.111901	0.918923	0.729762	186.2374	0.031867	0.029317	0.00172	0.00152	6042266	3775676	4417.661	3.33E+08
Statewide	2024	Industrial -	Aggregate	Aggregate	Diesel	0.037405	0.04526	0.053863	0.434966	0.394018	109.1914	0.016739	0.0154	0.001008	0.000891	3542596	1032003	1328.83	1.73E+08
Statewide	2024	Light Comn	Aggregate	Aggregate	Diesel	0.025859	0.030806	0.03723	0.244625	0.203624	29.61458	0.007015	0.006665	0.000375	0.000249	989787.8	892081.9	1276.17	33007030
Statewide	2024	Light Comn	Aggregate	Aggregate	Diesel	0.105368	0.126179	0.151577	0.825048	0.965422	139.0709	0.028229	0.031606	0.001584	0.001157	4602102	1795793	15665.2	59261159
Statewide	2024	Light Comn	Aggregate	Aggregate	Diesel	0.000479	0.000574	0.000689	0.004086	0.004919	0.720047	0.000134	0.000155	8.11E-06	5.84E-06	23211.07	18041.95	467.1324	685594.1
Statewide	2024	Light Comn	Aggregate	Aggregate	Diesel	0.061839	0.074021	0.088965	0.481635	0.532941	76.80609	0.016131	0.017767	0.000883	0.00064	2544764	937455.1	8157.105	34685837
Statewide	2024	Light Comn	Aggregate	Aggregate	Diesel	0.128516	0.153323	0.184989	1.145062	1.053979	153.773	0.035096	0.034845	0.001891	0.001289	5123993	3518009	9292.498	1.62E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.018639	0.022553	0.02684	0.291357	0.237069	99.81735	0.007783	0.00716	0.000922	0.000815	3238464	563267.3	1528.844	1.25E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.098758	0.119498	0.142212	0.935074	1.165991	235.5588	0.053446	0.04917	0.002175	0.001923	7642445	2219491	4599.395	5.13E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.231925	0.280629	0.333972	2.263349	2.639071	581.6664	0.129302	0.118958	0.005371	0.004747	18871524	4009079	8472.02	8.5E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.248077	0.300173	0.357231	3.621873	2.316855	1048.206	0.085525	0.078683	0.009684	0.008555	34007897	10857766	16466.44	1.71E+09
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.171804	0.207883	0.247398	1.448106	1.992215	393.2183	0.083863	0.077154	0.00363	0.003209	12757536	3207653	5323.31	6.03E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.001961	0.002359	0.00282	0.008662	0.014889	3.46E-05	0.000504	0.000381	2.14E-07	1.84E-07	732.1001	0	119.659	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.0024	0.002887	0.003451	0.014057	0.018119	4.33E-05	0.000635	0.00048	3.13E-07	2.69E-07	1072.029	0	828.7701	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.001138	0.001358	0.001638	0.010825	0.010449	1.249034	0.000304	0.000266	1.62E-05	1.04E-05	41529.36	29857	76.16977	985281
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.000242	0.000291	0.000348	0.000993	0.001838	4.24E-06	6.18E-05	4.67E-05	2.52E-08	2.17E-08	86.43387	0	34.93605	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.001727	0.002078	0.002483	0.007092	0.013129	3.03E-05	0.000442	0.000334	1.8E-07	1.55E-07	617.3775	0	54.88	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.005111	0.006147	0.007347	0.030253	0.038558	9.23E-05	0.001345	0.001017	6.71E-07	5.78E-07	2298.913	0	528.0912	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.000454	0.000546	0.000653	0.001864	0.003451	7.97E-06	0.000116	8.77E-05	4.73E-08	4.08E-08	162.2742	0	21.61	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.000772	0.000928	0.001109	0.003168	0.005865	1.35E-05	0.000197	0.000149	8.05E-08	6.93E-08	275.7973	0	53.7474	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.001643	0.001976	0.002361	0.010364	0.012373	2.99E-05	0.000435	0.000329	2.25E-07	1.94E-07	771.5008	0	479.57	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.011373	0.01368	0.01635	0.05982	0.086038	0.000203	0.002962	0.002238	1.38E-06	1.19E-06	4733.672	0	1450.683	0

Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.000314	0.000378	0.000452	0.00129	0.002388	5.51E-06	8.03E-05	6.07E-05	3.28E-08	2.82E-08	112.2859	0	14.1394	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.026029	0.031303	0.037418	0.166095	0.196866	0.552566	0.006897	0.005227	1.07E-05	7.57E-06	30094.28	10712.75	4212.859	396371.7
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.089048	0.107105	0.128007	0.365307	0.677375	0.001561	0.023053	0.017418	9.28E-06	8E-06	31812.35	0	5639.784	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.008266	0.009942	0.011883	0.033934	0.062827	0.000145	0.002113	0.001596	8.62E-07	7.43E-07	2954.285	0	403.3317	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.010388	0.012495	0.014933	0.047845	0.078796	0.000184	0.002677	0.002023	1.16E-06	1E-06	3977.567	0	628.528	0
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.072705	0.087973	0.104695	0.922337	0.673146	221.7597	0.028402	0.02613	0.002048	0.00181	7194749	2545332	3748.535	3.16E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.391412	0.473609	0.563634	3.415059	4.275973	1332.867	0.120054	0.11045	0.012311	0.010879	43243391	5417694	3923.333	2.19E+09
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.105293	0.127405	0.151622	1.111704	1.153876	297.3003	0.054411	0.050058	0.002746	0.002427	9645582	2588341	5673.062	4.46E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.022837	0.027633	0.032885	0.328616	0.247903	69.88512	0.012846	0.011818	0.000645	0.00057	2267346	813282.4	2013.465	1.05E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.011804	0.014283	0.016997	0.181439	0.129532	40.64771	0.005602	0.005154	0.000375	0.000332	1318770	542821.8	1140.815	71434112
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.073432	0.088853	0.105743	1.073439	0.752335	181.2381	0.035168	0.032355	0.001673	0.001479	5880072	3689086	10496.09	2.96E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.040616	0.049145	0.058487	1.167061	0.619984	196.804	0.017909	0.016477	0.001818	0.001606	6385089	3049597	10574.02	3.06E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.071997	0.087116	0.103675	0.653827	0.814564	116.1875	0.038719	0.035622	0.001072	0.000948	3769576	735622.3	934.8758	1.83E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.533641	0.645706	0.768443	5.66964	5.09089	1602.241	0.213043	0.196	0.014798	0.013077	51982943	13738590	13704.6	2.78E+09
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.362931	0.439146	0.52262	3.48183	4.213974	1041.439	0.170854	0.157186	0.009618	0.0085	33788351	3686150	7699.897	1.35E+09
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.049303	0.059657	0.070997	1.167302	0.733292	190.8377	0.021423	0.019709	0.001763	0.001558	6191519	4878847	13712.01	3.19E+08
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.004466	0.005404	0.006432	0.059509	0.061637	21.88837	0.002204	0.002028	0.000202	0.000179	710144.1	173041.8	629.6707	45468673
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.464334	0.561844	0.668641	8.343787	5.295154	1460.79	0.210307	0.193483	0.013492	0.011923	47393708	25286575	41358.44	2.47E+09
Statewide	2025	Constructic	Aggregate	Aggregate	Diesel	0.035242	0.042643	0.050748	0.337757	0.354682	60.19055	0.018492	0.017013	0.000555	0.000491	1952816	920877	2484.607	72353546
Statewide	2025	Industrial -	Aggregate	Aggregate	Diesel	0.016234	0.019643	0.023377	0.528274	0.324346	92.66205	0.004071	0.003745	0.000856	0.000756	3006318	2893635	9319.35	1.82E+08
Statewide	2025	Industrial -	Aggregate	Aggregate	Diesel	0.167379	0.202529	0.241026	2.533902	1.768936	390.1446	0.091779	0.084437	0.003602	0.003184	12657812	13542190	17482.51	1.21E+09
Statewide	2025	Industrial -	Aggregate	Aggregate	Diesel	0.00725	0.00872	0.010422	0.035273	0.054995	0.000129	0.001921	0.001451	8.38E-07	7.22E-07	2871.797	0	1338.652	0
Statewide	2025	Industrial -	Aggregate	Aggregate	Diesel	0.005602	0.006738	0.008053	0.027277	0.043807	0.000102	0.001492	0.001127	6.48E-07	5.58E-07	2220.219	0	272.6153	0
Statewide	2025	Industrial -	Aggregate	Aggregate	Diesel	0.001419	0.001707	0.00204	0.007559	0.011285	2.66E-05	0.000387	0.000292	1.74E-07	1.5E-07	595.5442	0	111.498	0
Statewide	2025	Industrial -	Aggregate	Aggregate	Diesel	0.072434	0.087646	0.104306	0.920206	0.687025	188.4286	0.027161	0.024988	0.00174	0.001538	6113360	3820101	4450.634	3.37E+08
Statewide	2025	Industrial -	Aggregate	Aggregate	Diesel	0.035361	0.042787	0.05092	0.436729	0.363188	110.4762	0.014749	0.013569	0.00102	0.000902	3584278	1044146	1338.748	1.75E+08
Statewide	2025	Light Comn	Aggregate	Aggregate	Diesel	0.024477	0.029161	0.03524	0.244156	0.199084	29.73052	0.006123	0.005841	0.000376	0.00025	993249.3	895596.9	1281.28	33137083
Statewide	2025	Light Comn	Aggregate	Aggregate	Diesel	0.102176	0.122378	0.14698	0.823201	0.952863	139.6187	0.026086	0.029529	0.00159	0.001162	4619239	1802925	15726.81	59496518
Statewide	2025	Light Comn	Aggregate	Aggregate	Diesel	0.000467	0.00056	0.000672	0.004082	0.004858	0.722918	0.000125	0.000146	8.14E-06	5.86E-06	23312.6	18100.35	469.1421	687813.3
Statewide	2025	Light Comn	Aggregate	Aggregate	Diesel	0.059674	0.071442	0.085848	0.48054	0.52538	77.10991	0.014821	0.016503	0.000887	0.000642	2554228	941108.7	8189.412	34821022
Statewide	2025	Light Comn	Aggregate	Aggregate	Diesel	0.121898	0.145444	0.17546	1.141715	1.033301	154.3823	0.031108	0.031128	0.001899	0.001293	5142473	3531813	9329.056	1.62E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.01867	0.02259	0.026884	0.295294	0.234065	101.0506	0.007519	0.006917	0.000934	0.000825	3278477	569800.9	1540.11	1.26E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.093839	0.113545	0.135128	0.920927	1.084023	238.2958	0.04899	0.04507	0.0022	0.001945	7731243	2245319	4633.288	5.19E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.222545	0.26928	0.320466	2.273415	2.458483	588.5059	0.119367	0.109817	0.005434	0.004803	19093427	4055724	8534.451	8.6E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.243584	0.294737	0.350762	3.664439	2.19879	1060.687	0.078207	0.07195	0.009799	0.008657	34412805	10984118	16587.79	1.73E+09
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.159637	0.193161	0.229877	1.452003	1.756307	398.0659	0.07428	0.068338	0.003676	0.003249	12914808	3244858	5362.538	6.1E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.001998	0.002403	0.002872	0.00882	0.015166	3.52E-05	0.000513	0.000388	2.18E-07	1.87E-07	745.546	0	121.8352	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.002431	0.002924	0.003495	0.014241	0.018351	4.39E-05	0.000642	0.000485	3.17E-07	2.73E-07	1085.926	0	839.62	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.001104	0.001318	0.001589	0.010903	0.010353	1.265453	0.000274	0.000238	1.64E-05	1.06E-05	42081.88	30284.05	77.14655	999373.6
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.000245	0.000295	0.000353	0.001007	0.001865	4.3E-06	6.27E-05	4.74E-05	2.56E-08	2.2E-08	87.68151	0	35.44034	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.001752	0.002107	0.002518	0.007191	0.013314	3.07E-05	0.000448	0.000338	1.83E-07	1.57E-07	626.0396	0	55.65	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.005182	0.006233	0.007449	0.030674	0.039094	9.36E-05	0.001364	0.001031	6.8E-07	5.86E-07	2330.888	0	535.4359	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.000462	0.000556	0.000664	0.001897	0.003512	8.11E-06	0.000118	8.92E-05	4.82E-08	4.15E-08	165.1277	0	21.99	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.000781	0.00094	0.001123	0.003207	0.005938	1.37E-05	0.0002	0.000151	8.15E-08	7.02E-08	279.2074	0	54.41196	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.001664	0.002002	0.002392	0.010499	0.012535	3.03E-05	0.000441	0.000333	2.28E-07	1.96E-07	781.5875	0	485.84	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.011525	0.013861	0.016567	0.060609	0.087181	0.000206	0.003002	0.002268	1.4E-06	1.21E-06	4796.281	0	1469.733	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.000321	0.000386	0.000461	0.001317	0.002438	5.63E-06	8.2E-05	6.19E-05	3.34E-08	2.88E-08	114.6328	0	14.43492	0

Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.026349	0.031688	0.037878	0.168256	0.199363	0.55983	0.006973	0.005282	1.08E-05	7.67E-06	30490.41	10884.3	4268.411	402719.1
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.089924	0.108159	0.129267	0.369006	0.683822	0.001577	0.023199	0.017528	9.38E-06	8.08E-06	32130.74	0	5696.88	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.00838	0.010079	0.012046	0.034401	0.06369	0.000147	0.002142	0.001618	8.74E-07	7.53E-07	2994.866	0	408.872	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.010546	0.012684	0.01516	0.048548	0.079991	0.000187	0.002718	0.002053	1.18E-06	1.01E-06	4036.737	0	636.9607	0
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.07088	0.085764	0.102067	0.932541	0.64387	224.3469	0.025512	0.023471	0.002072	0.001831	7278689	2575034	3776.158	3.19E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.393219	0.475795	0.566235	3.454744	4.15665	1348.965	0.114	0.10488	0.01246	0.01101	43765676	5480663	3952.244	2.22E+09
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.100989	0.122197	0.145425	1.11114	1.085722	300.5604	0.05016	0.046147	0.002776	0.002453	9751350	2618469	5714.867	4.51E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.021725	0.026287	0.031283	0.331766	0.231322	70.71123	0.011725	0.010787	0.000653	0.000577	2294148	822738.4	2028.302	1.07E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.011344	0.013726	0.016335	0.182926	0.121958	41.13349	0.005165	0.004752	0.00038	0.000336	1334531	549119.8	1149.222	72272336
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.070996	0.085905	0.102234	1.085284	0.72911	183.3902	0.032571	0.029966	0.001693	0.001497	5949893	3731849	10573.43	3E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.039449	0.047734	0.056807	1.179547	0.600744	199.0913	0.016503	0.015183	0.00184	0.001625	6459299	3085066	10651.94	3.1E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.069577	0.084189	0.100192	0.646298	0.768839	117.3773	0.036243	0.033344	0.001083	0.000958	3808177	744182.4	941.7649	1.85E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.514833	0.622948	0.741359	5.704153	4.638214	1620.948	0.189993	0.174793	0.014971	0.01323	52589879	13898394	13805.59	2.82E+09
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.351762	0.425633	0.506538	3.445358	3.911084	1053.56	0.159254	0.146514	0.00973	0.008599	34181609	3729041	7756.637	1.37E+09
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.048117	0.058222	0.069289	1.176898	0.722689	192.9865	0.019968	0.018371	0.001783	0.001575	6261234	4935476	13813.05	3.23E+08
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.004231	0.00512	0.006093	0.059971	0.055372	22.19364	0.001976	0.001818	0.000205	0.000181	720048.2	175076.5	634.3108	46089172
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.450062	0.544576	0.64809	8.453345	5.050869	1478.788	0.185557	0.170712	0.013659	0.01207	47977645	25580930	41663.21	2.5E+09
Statewide	2026	Constructic	Aggregate	Aggregate	Diesel	0.033932	0.041057	0.048862	0.33928	0.346116	60.9048	0.017273	0.015892	0.000562	0.000497	1975989	931590.1	2502.916	73264912
Statewide	2026	Industrial -	Aggregate	Aggregate	Diesel	0.016241	0.019651	0.023387	0.533287	0.32682	93.73963	0.004036	0.003713	0.000866	0.000765	3041279	2927286	9388.024	1.84E+08
Statewide	2026	Industrial -	Aggregate	Aggregate	Diesel	0.155725	0.188427	0.224244	2.549524	1.636894	394.6817	0.07784	0.071613	0.003644	0.003221	12805013	13699675	17611.33	1.23E+09
Statewide	2026	Industrial -	Aggregate	Aggregate	Diesel	0.007265	0.008738	0.010444	0.035369	0.055085	0.000129	0.001915	0.001447	8.4E-07	7.24E-07	2878.933	0	1342.181	0
Statewide	2026	Industrial -	Aggregate	Aggregate	Diesel	0.005647	0.006792	0.008118	0.027503	0.044163	0.000103	0.001504	0.001136	6.53E-07	5.63E-07	2238.493	0	274.9471	0
Statewide	2026	Industrial -	Aggregate	Aggregate	Diesel	0.001431	0.001721	0.002057	0.007609	0.011373	2.68E-05	0.00039	0.000295	1.75E-07	1.51E-07	599.8164	0	112.2195	0
Statewide	2026	Industrial -	Aggregate	Aggregate	Diesel	0.069178	0.083705	0.099616	0.924392	0.655076	190.6199	0.023675	0.021781	0.00176	0.001556	6184454	3864526	4483.431	3.41E+08
Statewide	2026	Industrial -	Aggregate	Aggregate	Diesel	0.033846	0.040954	0.048739	0.434337	0.335209	111.7609	0.013222	0.012164	0.001032	0.000912	3625960	1056288	1348.614	1.77E+08
Statewide	2026	Light Comn	Aggregate	Aggregate	Diesel	0.023242	0.027691	0.033462	0.243745	0.19458	29.85806	0.005263	0.005047	0.000378	0.000251	997303.3	899531.6	1286.39	33282667
Statewide	2026	Light Comn	Aggregate	Aggregate	Diesel	0.099334	0.118996	0.142889	0.821903	0.941066	140.2122	0.0241	0.027633	0.001597	0.001166	4637926	1810593	15793.46	59749584
Statewide	2026	Light Comn	Aggregate	Aggregate	Diesel	0.000456	0.000547	0.000656	0.004081	0.004801	0.726076	0.000117	0.000138	8.18E-06	5.87E-06	23346.74	18166.05	471.2921	690309.9
Statewide	2026	Light Comn	Aggregate	Aggregate	Diesel	0.057724	0.069119	0.083041	0.47971	0.518215	77.43661	0.013573	0.015306	0.00089	0.000645	2564558	945061.7	8223.99	34967281
Statewide	2026	Light Comn	Aggregate	Aggregate	Diesel	0.116008	0.138433	0.166979	1.139061	1.013027	155.0368	0.02729	0.027575	0.001907	0.001299	5162770	3546917	9368.414	1.63E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.018796	0.022743	0.027066	0.298181	0.23048	101.9338	0.007284	0.006701	0.000942	0.000832	3307130	576359.6	1551.316	1.27E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.090303	0.109266	0.130036	0.922476	1.015705	241.0391	0.045479	0.041841	0.002226	0.001967	7820248	2271222	4667	5.25E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.212688	0.257353	0.306271	2.28155	2.283447	595.4998	0.108758	0.100058	0.005499	0.00486	19320336	4102456	8596.549	8.7E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.238755	0.288893	0.343807	3.704944	2.078011	1073.072	0.071522	0.0658	0.009914	0.008758	34814647	11110460	16708.48	1.75E+09
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.15173	0.183593	0.218491	1.462773	1.586438	402.5199	0.067279	0.061897	0.003717	0.003285	13059315	3282209	5401.557	6.17E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.002033	0.002445	0.002922	0.008974	0.015432	3.58E-05	0.000522	0.000395	2.21E-07	1.91E-07	758.5873	0	123.9618	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.002463	0.002962	0.00354	0.014428	0.018589	4.45E-05	0.00065	0.000491	3.21E-07	2.77E-07	1100.149	0	850.6099	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.001075	0.001284	0.001547	0.010989	0.010268	1.28187	0.000246	0.000212	1.66E-05	1.07E-05	42649.05	30678.25	78.05279	1012382
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.000249	0.000299	0.000358	0.001021	0.001891	4.37E-06	6.36E-05	4.8E-05	2.59E-08	2.24E-08	88.92443	0	35.94272	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.001774	0.002134	0.00255	0.007283	0.013484	3.11E-05	0.000453	0.000343	1.85E-07	1.59E-07	634.0268	0	56.36	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.005256	0.006322	0.007556	0.031112	0.039654	9.5E-05	0.001384	0.001045	6.9E-07	5.94E-07	2364.208	0	543.0884	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.000469	0.000564	0.000674	0.001923	0.003561	8.22E-06	0.00012	9.05E-05	4.89E-08	4.21E-08	167.4555	0	22.3	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.000793	0.000953	0.00114	0.003254	0.006025	1.39E-05	0.000203	0.000153	8.27E-08	7.12E-08	283.3169	0	55.21282	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.001686	0.002028	0.002423	0.010636	0.012698	3.07E-05	0.000447	0.000337	2.31E-07	1.99E-07	791.7548	0	492.16	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.011677	0.014045	0.016786	0.06141	0.088337	0.000209	0.003042	0.002298	1.42E-06	1.22E-06	4859.717	0	1489.108	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.000326	0.000392	0.000468	0.001337	0.002475	5.71E-06	8.32E-05	6.29E-05	3.4E-08	2.92E-08	116.3656	0	14.65313	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.02667	0.032074	0.038339	0.170412	0.201854	0.567093	0.00705	0.005338	1.09E-05	7.77E-06	30878.87	11052.2	4323.774	408931.4

Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.090836	0.109256	0.130579	0.372819	0.690605	0.001593	0.023368	0.017656	9.47E-06	8.16E-06	32460.25	0	5755.754	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.008492	0.010214	0.012208	0.034863	0.064547	0.000149	0.002171	0.00164	8.86E-07	7.63E-07	3035.162	0	414.3734	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.010677	0.012842	0.015348	0.049145	0.080987	0.000189	0.002751	0.002079	1.19E-06	1.03E-06	4086.59	0	644.4968	0
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.069211	0.083746	0.099664	0.944099	0.615277	226.8863	0.022967	0.02113	0.002096	0.001852	7361077	2604574	3803.634	3.23E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.394848	0.477765	0.56858	3.458533	4.040063	1364.298	0.108306	0.099641	0.012602	0.011135	44263137	5543674	3981.001	2.24E+09
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.097188	0.117597	0.13995	1.11737	1.026698	304.015	0.046037	0.042354	0.002808	0.002481	9863433	2648512	5756.449	4.56E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.021001	0.025412	0.030242	0.335644	0.219226	71.54549	0.010787	0.009924	0.000661	0.000584	2321215	832214.7	2043.06	1.08E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.01108	0.013407	0.015955	0.184793	0.116044	41.61059	0.00481	0.004426	0.000384	0.00034	1350010	555456.2	1157.584	73083179
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.069051	0.083551	0.099433	1.098783	0.70201	185.5026	0.030225	0.027807	0.001713	0.001514	6018428	3774678	10650.37	3.03E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.038451	0.046526	0.055369	1.191695	0.587472	201.3997	0.015483	0.014244	0.001861	0.001644	6534191	3120583	10729.45	3.14E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.067003	0.081074	0.096485	0.639838	0.73294	118.747	0.033762	0.031061	0.001096	0.000969	3852616	752748	948.6174	1.87E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.497254	0.601677	0.716046	5.741275	4.168087	1639.673	0.168013	0.154572	0.015145	0.013383	53197377	14058412	13906.04	2.85E+09
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.344421	0.416749	0.495966	3.441851	3.6609	1066.121	0.14974	0.137761	0.009846	0.008702	34589114	3771968	7813.076	1.38E+09
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.047211	0.057125	0.067984	1.189042	0.712637	195.1925	0.018503	0.017022	0.001803	0.001593	6332807	4992189	13913.56	3.27E+08
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.004168	0.005043	0.006002	0.060704	0.053038	22.45001	0.001845	0.001698	0.000207	0.000183	728365.8	177106.6	638.9261	46649642
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.438302	0.530345	0.631154	8.559088	4.867203	1496.035	0.165636	0.152385	0.013818	0.01221	48537210	25874423	41966.36	2.53E+09
Statewide	2027	Constructic	Aggregate	Aggregate	Diesel	0.032496	0.03932	0.046794	0.340566	0.336346	61.64109	0.016027	0.014745	0.000569	0.000503	1999877	942248.8	2521.127	74126914
Statewide	2027	Industrial -	Aggregate	Aggregate	Diesel	0.016326	0.019754	0.023509	0.538974	0.329613	94.81722	0.004029	0.003707	0.000876	0.000774	3076240	2960937	9456.333	1.86E+08
Statewide	2027	Industrial -	Aggregate	Aggregate	Diesel	0.148682	0.179905	0.214102	2.576158	1.54897	399.2188	0.068266	0.062804	0.003687	0.003258	12952213	13857160	17739.48	1.24E+09
Statewide	2027	Industrial -	Aggregate	Aggregate	Diesel	0.007304	0.008785	0.0105	0.035597	0.055363	0.00013	0.001916	0.001447	8.45E-07	7.28E-07	2896.376	0	1350.448	0
Statewide	2027	Industrial -	Aggregate	Aggregate	Diesel	0.005705	0.006862	0.008202	0.027798	0.044621	0.000104	0.00152	0.001148	6.6E-07	5.69E-07	2262.102	0	277.9955	0
Statewide	2027	Industrial -	Aggregate	Aggregate	Diesel	0.001433	0.001724	0.00206	0.007623	0.011392	2.68E-05	0.000391	0.000295	1.75E-07	1.51E-07	600.8813	0	112.4278	0
Statewide	2027	Industrial -	Aggregate	Aggregate	Diesel	0.067622	0.081823	0.097376	0.935285	0.63279	192.8112	0.021004	0.019323	0.001781	0.001574	6255547	3908951	4516.053	3.45E+08
Statewide	2027	Industrial -	Aggregate	Aggregate	Diesel	0.033083	0.04003	0.047639	0.439187	0.319627	113.0457	0.012127	0.011156	0.001044	0.000923	3667643	1068431	1358.426	1.79E+08
Statewide	2027	Light Comn	Aggregate	Aggregate	Diesel	0.022122	0.026358	0.031849	0.243285	0.190172	29.99433	0.004431	0.004279	0.00038	0.000252	1001550	903637.8	1292.45	33434599
Statewide	2027	Light Comn	Aggregate	Aggregate	Diesel	0.096809	0.115991	0.139252	0.821143	0.930261	140.8618	0.022202	0.025831	0.001604	0.001171	4658609	1818912	15866.95	60024089
Statewide	2027	Light Comn	Aggregate	Aggregate	Diesel	0.000447	0.000536	0.000643	0.004083	0.00475	0.729432	0.000109	0.000131	8.21E-06	5.91E-06	23496.03	18239.05	473.362	693083.9
Statewide	2027	Light Comn	Aggregate	Aggregate	Diesel	0.055994	0.067058	0.080549	0.479149	0.511614	77.7946	0.01238	0.014168	0.000895	0.000648	2575829	949423.4	8261.736	35128666
Statewide	2027	Light Comn	Aggregate	Aggregate	Diesel	0.110758	0.132184	0.159419	1.136746	0.993562	155.7562	0.023619	0.024164	0.001916	0.001304	5185176	3563291	9412.182	1.64E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.01912	0.023136	0.027533	0.301921	0.232039	103.0467	0.007274	0.006692	0.000952	0.000841	3343238	582918.4	1562.463	1.29E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.088777	0.10742	0.127839	0.927924	0.96839	243.8298	0.043465	0.039988	0.002252	0.00199	7910789	2296851	4700.536	5.31E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.20475	0.247747	0.294839	2.293195	2.136118	602.3056	0.10013	0.092119	0.005562	0.004916	19541143	4148973	8658.32	8.8E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.235461	0.284908	0.339064	3.7512	1.984625	1084.891	0.06644	0.061124	0.010023	0.008855	35198101	11236635	16828.54	1.77E+09
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.147517	0.178495	0.212424	1.480184	1.480571	407.3064	0.062418	0.057425	0.003761	0.003324	13214606	3319455	5440.37	6.24E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.002069	0.002489	0.002975	0.009135	0.01571	3.65E-05	0.000532	0.000402	2.25E-07	1.94E-07	772.189	0	126.18	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.002494	0.003	0.003585	0.014611	0.018822	4.5E-05	0.000657	0.000497	3.25E-07	2.8E-07	1114.075	0	861.45	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.001051	0.001256	0.001513	0.011083	0.010202	1.298286	0.000219	0.000187	1.68E-05	1.09E-05	43165.15	31068.8	79.11551	1025270
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.000252	0.000303	0.000362	0.001034	0.001913	4.42E-06	6.43E-05	4.86E-05	2.63E-08	2.26E-08	89.97606	0	36.36779	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.001795	0.002159	0.00258	0.007369	0.013644	3.15E-05	0.000459	0.000347	1.87E-07	1.61E-07	641.5641	0	57.03	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.005329	0.00641	0.007661	0.031543	0.040206	9.63E-05	0.001403	0.00106	6.99E-07	6.02E-07	2397.022	0	550.6245	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.000474	0.00057	0.000681	0.001944	0.0036	8.31E-06	0.000121	9.15E-05	4.94E-08	4.25E-08	169.2578	0	22.54	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.000802	0.000964	0.001152	0.003291	0.006093	1.41E-05	0.000205	0.000155	8.36E-08	7.2E-08	286.5109	0	55.83526	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.001708	0.002054	0.002455	0.010773	0.012862	3.1E-05	0.000452	0.000342	2.34E-07	2.02E-07	802.0024	0	498.53	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.011834	0.014234	0.017012	0.062224	0.089526	0.000212	0.003082	0.002329	1.44E-06	1.24E-06	4924.48	0	1508.624	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.000327	0.000393	0.00047	0.001343	0.002486	5.74E-06	8.36E-05	6.32E-05	3.41E-08	2.94E-08	116.917	0	14.72256	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.026993	0.032462	0.038803	0.172568	0.204351	0.574356	0.007127	0.005394	1.11E-05	7.87E-06	31300.12	11176.3	4379.044	413523.1
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.09176	0.110367	0.131906	0.376659	0.697516	0.00161	0.023553	0.017795	9.57E-06	8.24E-06	32792.8	0	5815.041	0

Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.008605	0.010351	0.012371	0.035328	0.065407	0.000151	0.0022	0.001662	8.97E-07	7.73E-07	3075.587	0	419.8924	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.010797	0.012987	0.015521	0.04969	0.0819	0.000191	0.002782	0.002102	1.21E-06	1.04E-06	4132.24	0	651.368	0
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.067384	0.081535	0.097033	0.954908	0.576226	229.5706	0.020446	0.01881	0.00212	0.001874	7448166	2634171	3830.966	3.26E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.393928	0.476653	0.567256	3.486459	3.929323	1379.869	0.103069	0.094823	0.012746	0.011262	44768333	5606618	4009.607	2.27E+09
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.095218	0.115213	0.137113	1.128202	0.985073	307.4747	0.04328	0.039818	0.00284	0.00251	9975679	2678735	5797.813	4.61E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.020222	0.024468	0.029119	0.339223	0.205844	72.34573	0.009821	0.009036	0.000668	0.00059	2347177	841672.7	2057.741	1.09E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.011003	0.013313	0.015844	0.186958	0.113191	42.08493	0.004568	0.004202	0.000389	0.000343	1365399	561742.8	1165.902	73929550
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.066781	0.080805	0.096165	1.110821	0.680384	187.6077	0.027949	0.025713	0.001733	0.001531	6086727	3817527	10726.9	3.07E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.03766	0.045569	0.054231	1.203068	0.580372	203.6958	0.014668	0.013495	0.001882	0.001663	6608685	3156670	10806.55	3.17E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.066691	0.080696	0.096035	0.648113	0.716095	120.0748	0.032951	0.030315	0.001108	0.00098	3895694	761253.6	955.4338	1.89E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.491484	0.594696	0.707737	5.804638	3.899757	1657.692	0.15308	0.140833	0.015311	0.01353	53782000	14218000	14005.96	2.88E+09
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.33675	0.407468	0.484921	3.431556	3.432707	1078.564	0.14029	0.129067	0.009962	0.008803	34992813	3814922	7869.218	1.4E+09
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.046279	0.055997	0.066641	1.202113	0.7061	197.4116	0.017201	0.015825	0.001824	0.001611	6404801	5048873	14013.53	3.3E+08
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.004151	0.005022	0.005977	0.061413	0.051114	22.6821	0.001778	0.001636	0.00021	0.000185	735895.7	179100	643.5172	47158615
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.432683	0.523546	0.623063	8.677545	4.73933	1513.617	0.151533	0.13941	0.013981	0.012354	49107649	26169178	42267.91	2.56E+09
Statewide	2028	Constructic	Aggregate	Aggregate	Diesel	0.031579	0.038211	0.045474	0.343624	0.328587	62.34554	0.015067	0.013861	0.000575	0.000509	2022733	952908.3	2539.243	74959826
Statewide	2028	Industrial -	Aggregate	Aggregate	Diesel	0.016436	0.019888	0.023668	0.545301	0.332295	95.89481	0.003988	0.003669	0.000886	0.000783	3111202	2994587	9524.282	1.88E+08
Statewide	2028	Industrial -	Aggregate	Aggregate	Diesel	0.143285	0.173375	0.20633	2.605539	1.470714	403.7558	0.060163	0.05535	0.003729	0.003295	13099414	14014645	17866.95	1.25E+09
Statewide	2028	Industrial -	Aggregate	Aggregate	Diesel	0.007356	0.008848	0.010574	0.035884	0.055742	0.000131	0.001922	0.001452	8.52E-07	7.34E-07	2918.676	0	1360.94	0
Statewide	2028	Industrial -	Aggregate	Aggregate	Diesel	0.005762	0.006931	0.008283	0.028074	0.045063	0.000105	0.001535	0.00116	6.67E-07	5.74E-07	2284.593	0	280.7752	0
Statewide	2028	Industrial -	Aggregate	Aggregate	Diesel	0.001445	0.001738	0.002077	0.007689	0.011488	2.7E-05	0.000394	0.000298	1.77E-07	1.52E-07	605.9955	0	113.4022	0
Statewide	2028	Industrial -	Aggregate	Aggregate	Diesel	0.066326	0.080255	0.09551	0.943613	0.618531	195.0025	0.019133	0.017602	0.001801	0.001592	6326641	3953376	4548.504	3.49E+08
Statewide	2028	Industrial -	Aggregate	Aggregate	Diesel	0.031074	0.037599	0.044746	0.442834	0.285634	114.3304	0.010278	0.009456	0.001056	0.000933	3709325	1080573	1368.188	1.81E+08
Statewide	2028	Light Comn	Aggregate	Aggregate	Diesel	0.02116	0.025214	0.030465	0.242941	0.186239	30.13642	0.00368	0.003586	0.000381	0.000253	1005974	907879.1	1298.36	33591527
Statewide	2028	Light Comn	Aggregate	Aggregate	Diesel	0.09465	0.113423	0.136144	0.820956	0.920903	141.5258	0.020469	0.024189	0.001612	0.001177	4679835	1827570	15941.45	60309797
Statewide	2028	Light Comn	Aggregate	Aggregate	Diesel	0.00044	0.000527	0.000632	0.004088	0.004707	0.732842	0.000102	0.000124	8.25E-06	5.94E-06	23631.12	18396	475.5416	699048
Statewide	2028	Light Comn	Aggregate	Aggregate	Diesel	0.054513	0.065296	0.078417	0.478914	0.505862	78.16092	0.011291	0.013132	0.000899	0.000651	2587549	953978.6	8300.873	35297208
Statewide	2028	Light Comn	Aggregate	Aggregate	Diesel	0.106281	0.126855	0.152972	1.135229	0.97608	156.4934	0.020256	0.021042	0.001925	0.00131	5208377	3580062	9456.66	1.65E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.019195	0.023225	0.02764	0.305074	0.229375	104.2639	0.007166	0.006593	0.000963	0.000851	3382726	589448	1573.552	1.3E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.086842	0.105079	0.125053	0.926011	0.920897	246.5534	0.041295	0.037992	0.002277	0.002012	7999153	2322768	4733.896	5.37E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.200245	0.242297	0.288353	2.309223	2.027056	608.905	0.094073	0.086548	0.005624	0.00497	19755252	4195602	8719.77	8.9E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.234529	0.28378	0.337722	3.795967	1.93241	1097.078	0.063219	0.058162	0.010136	0.008954	35593489	11362909	16947.98	1.79E+09
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.14329	0.173381	0.206338	1.499715	1.37517	412.1413	0.057415	0.052822	0.003806	0.003364	13371472	3356785	5478.982	6.31E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.002099	0.002525	0.003017	0.00926	0.015934	3.7E-05	0.000539	0.000407	2.28E-07	1.97E-07	782.9552	0	127.9049	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.002525	0.003037	0.00363	0.014796	0.019058	4.56E-05	0.000665	0.000503	3.29E-07	2.84E-07	1128.159	0	872.3099	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.001033	0.001234	0.001487	0.011182	0.010202	1.314705	0.000201	0.000171	1.7E-05	1.1E-05	43724.65	31455.7	79.94518	1038038
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.000255	0.000307	0.000367	0.001047	0.001938	4.47E-06	6.52E-05	4.92E-05	2.66E-08	2.29E-08	91.1235	0	36.83157	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.001819	0.002188	0.002615	0.007469	0.013828	3.19E-05	0.000465	0.000351	1.9E-07	1.63E-07	650.2262	0	57.8	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.005403	0.006498	0.007766	0.031976	0.040759	9.76E-05	0.001422	0.001075	7.09E-07	6.11E-07	2429.94	0	558.1848	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.00048	0.000577	0.00069	0.001971	0.003649	8.42E-06	0.000123	9.27E-05	5.01E-08	4.31E-08	171.5856	0	22.85	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.000811	0.000975	0.001166	0.003329	0.006164	1.42E-05	0.000207	0.000157	8.46E-08	7.29E-08	289.859	0	56.48775	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.001729	0.002079	0.002485	0.010908	0.013023	3.14E-05	0.000458	0.000346	2.37E-07	2.04E-07	812.0087	0	504.75	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.011983	0.014413	0.017226	0.063001	0.090652	0.000214	0.003121	0.002358	1.45E-06	1.25E-06	4986.126	0	1527.337	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.000329	0.000396	0.000474	0.001352	0.002504	5.78E-06	8.42E-05	6.36E-05	3.44E-08	2.96E-08	117.7426	0	14.82653	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.027319	0.032855	0.039272	0.174728	0.206881	0.581619	0.007208	0.005454	1.12E-05	7.97E-06	31695.86	11362.45	4434.401	420410.6
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.092722	0.111525	0.13329	0.38064	0.70477	0.001627	0.023758	0.01795	9.67E-06	8.33E-06	33138.35	0	5876.504	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.008718	0.010486	0.012533	0.035792	0.066266	0.000153	0.002228	0.001684	9.09E-07	7.83E-07	3115.976	0	425.4064	0

Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.010903	0.013114	0.015674	0.050176	0.082704	0.000193	0.00281	0.002123	1.22E-06	1.05E-06	4172.67	0	657.6475	0
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.066292	0.080213	0.09546	0.965822	0.55617	232.1835	0.018687	0.017192	0.002145	0.001895	7532937	2663730	3858.155	3.3E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.38908	0.470786	0.560275	3.476722	3.776015	1395.68	0.095822	0.088156	0.012892	0.011391	45281301	5669652	4038.064	2.3E+09
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.094059	0.113811	0.135445	1.138418	0.949343	311.0227	0.041333	0.038027	0.002873	0.002539	10090789	2708780	5838.961	4.66E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.01997	0.024163	0.028756	0.343317	0.197056	73.131	0.009428	0.008674	0.000676	0.000597	2372655	851121.3	2072.345	1.1E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.01102	0.013335	0.015869	0.189489	0.110633	42.56054	0.004352	0.004004	0.000393	0.000347	1380830	568089.1	1174.176	74739337
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.066257	0.08017	0.095409	1.124922	0.672656	189.7073	0.02695	0.024794	0.001752	0.001548	6154843	3860439	10803.03	3.1E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.037436	0.045297	0.053907	1.214542	0.57951	205.9935	0.014393	0.013241	0.001903	0.001681	6683233	3191298	10883.24	3.21E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.065561	0.079329	0.094408	0.64898	0.68379	121.3202	0.031485	0.028966	0.00112	0.00099	3936100	769844.9	962.2147	1.91E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.489178	0.591906	0.704417	5.878929	3.667245	1675.821	0.141987	0.130628	0.015479	0.013678	54370164	14377793	14105.37	2.91E+09
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.331544	0.401168	0.477423	3.402665	3.240723	1090.712	0.132566	0.121961	0.010074	0.008902	35386938	3857582	7925.067	1.42E+09
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.046194	0.055894	0.066519	1.215172	0.705645	199.7444	0.016657	0.015325	0.001845	0.00163	6480488	5105535	14112.99	3.34E+08
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.004118	0.004983	0.00593	0.062138	0.049624	22.92667	0.001675	0.001541	0.000212	0.000187	743830.7	181089.4	648.0844	47666894
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.431473	0.522082	0.621321	8.791646	4.656834	1530.932	0.142244	0.130865	0.014141	0.012495	49669402	26462978	42567.9	2.59E+09
Statewide	2029	Constructic	Aggregate	Aggregate	Diesel	0.030979	0.037485	0.04461	0.346374	0.326826	63.00432	0.014463	0.013306	0.000582	0.000514	2044106	963577.1	2557.265	75760884
Statewide	2029	Industrial -	Aggregate	Aggregate	Diesel	0.016627	0.020118	0.023942	0.551708	0.335017	96.9724	0.00393	0.003616	0.000896	0.000791	3146163	3028238	9591.878	1.9E+08
Statewide	2029	Industrial -	Aggregate	Aggregate	Diesel	0.141002	0.170612	0.203043	2.637894	1.427454	408.2929	0.054833	0.050446	0.003771	0.003332	13246614	14172131	17993.75	1.27E+09
Statewide	2029	Industrial -	Aggregate	Aggregate	Diesel	0.007418	0.008922	0.010663	0.036202	0.056203	0.000132	0.001932	0.00146	8.59E-07	7.4E-07	2944.009	0	1372.804	0
Statewide	2029	Industrial -	Aggregate	Aggregate	Diesel	0.005833	0.007016	0.008385	0.028402	0.045612	0.000107	0.001553	0.001174	6.75E-07	5.81E-07	2311.787	0	283.8881	0
Statewide	2029	Industrial -	Aggregate	Aggregate	Diesel	0.001452	0.001747	0.002087	0.007732	0.011545	2.72E-05	0.000396	0.000299	1.78E-07	1.53E-07	609.2556	0	114.0612	0
Statewide	2029	Industrial -	Aggregate	Aggregate	Diesel	0.064696	0.078282	0.093162	0.952758	0.602838	197.1938	0.017478	0.01608	0.001821	0.001609	6397735	3997800	4580.786	3.53E+08
Statewide	2029	Industrial -	Aggregate	Aggregate	Diesel	0.030582	0.037004	0.044038	0.449232	0.272903	115.6152	0.009449	0.008693	0.001068	0.000944	3751008	1092716	1377.898	1.83E+08
Statewide	2029	Light Comn	Aggregate	Aggregate	Diesel	0.02039	0.024297	0.029355	0.242841	0.184213	30.28492	0.003169	0.003115	0.000383	0.000254	1010693	912346.7	1305.02	33756828
Statewide	2029	Light Comn	Aggregate	Aggregate	Diesel	0.092954	0.111406	0.133701	0.821653	0.916653	142.2152	0.019249	0.02303	0.00162	0.001182	4702049	1836494	16019.19	60604297
Statewide	2029	Light Comn	Aggregate	Aggregate	Diesel	0.000434	0.00052	0.000623	0.004095	0.004686	0.736093	9.72E-05	0.000119	8.29E-06	5.96E-06	23715.3	18472.65	477.5416	701960.7
Statewide	2029	Light Comn	Aggregate	Aggregate	Diesel	0.053352	0.063914	0.076745	0.479204	0.503157	78.54302	0.010527	0.012405	0.000903	0.000654	2599705	958621.4	8341.53	35468992
Statewide	2029	Light Comn	Aggregate	Aggregate	Diesel	0.102719	0.122616	0.147843	1.134984	0.967088	157.2538	0.017923	0.018877	0.001934	0.001316	5232573	3597520	9502.588	1.65E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.018874	0.022837	0.027178	0.307764	0.221141	105.4225	0.007015	0.006454	0.000974	0.00086	3420316	595998.1	1584.584	1.32E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.084425	0.102154	0.121572	0.926308	0.881254	249.2932	0.039714	0.036537	0.002302	0.002035	8088042	2348579	4767.085	5.43E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.195254	0.236258	0.281166	2.318257	1.93773	615.6714	0.089889	0.082698	0.005686	0.005025	19974779	4242225	8780.903	9E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.229837	0.278103	0.330966	3.829261	1.86467	1109.269	0.059792	0.055009	0.010249	0.009054	35989016	11489178	17066.8	1.81E+09
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.140445	0.169939	0.202241	1.506603	1.304261	416.7212	0.055024	0.050622	0.003849	0.003401	13520060	3394087	5517.394	6.38E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.002123	0.002554	0.003052	0.009364	0.016118	3.74E-05	0.000545	0.000412	2.31E-07	1.99E-07	791.8007	0	129.3253	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.002557	0.003076	0.003676	0.014983	0.019297	4.62E-05	0.000673	0.000509	3.33E-07	2.87E-07	1142.405	0	883.35	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.001022	0.001221	0.001471	0.011295	0.01025	1.331123	0.000188	0.000158	1.72E-05	1.11E-05	44251.89	31875.45	80.94842	1051890
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.000258	0.000311	0.000371	0.00106	0.001963	4.53E-06	6.6E-05	4.99E-05	2.69E-08	2.32E-08	92.2858	0	37.30137	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.00184	0.002213	0.002645	0.007553	0.013984	3.23E-05	0.00047	0.000355	1.92E-07	1.65E-07	657.5385	0	58.45	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.005477	0.006587	0.007873	0.032411	0.041319	9.9E-05	0.001442	0.001089	7.19E-07	6.19E-07	2463.139	0	565.8069	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.000487	0.000586	0.0007	0.002	0.003703	8.55E-06	0.000125	9.41E-05	5.08E-08	4.38E-08	174.1387	0	23.19	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.000821	0.000988	0.00118	0.003371	0.006241	1.44E-05	0.00021	0.000159	8.56E-08	7.38E-08	293.4809	0	57.19358	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.00175	0.002105	0.002516	0.011043	0.013184	3.18E-05	0.000464	0.00035	2.4E-07	2.07E-07	822.0954	0	511.02	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.01213	0.014589	0.017436	0.063765	0.091759	0.000217	0.003159	0.002387	1.47E-06	1.27E-06	5046.781	0	1545.8	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.000331	0.000398	0.000476	0.00136	0.002518	5.81E-06	8.47E-05	6.4E-05	3.46E-08	2.98E-08	118.4117	0	14.91078	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.027648	0.03325	0.039744	0.17689	0.209425	0.588882	0.00729	0.005515	1.14E-05	8.07E-06	32095.08	11504.8	4489.75	425677.6
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.093677	0.112673	0.134663	0.38457	0.712008	0.001643	0.023974	0.018114	9.77E-06	8.41E-06	33480.14	0	5937.177	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.008832	0.010623	0.012696	0.036258	0.06713	0.000155	0.002257	0.001706	9.21E-07	7.93E-07	3156.577	0	430.9496	0
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.010999	0.013229	0.015811	0.05061	0.083427	0.000195	0.002834	0.002141	1.23E-06	1.06E-06	4208.921	0	663.1714	0

Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.064891	0.078518	0.093442	0.97512	0.533395	234.7636	0.017457	0.016061	0.002169	0.001916	7616645	2693330	3885.204	3.34E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.384038	0.464686	0.553014	3.492781	3.649939	1411.189	0.092395	0.085003	0.013036	0.011518	45784481	5732655	4066.375	2.32E+09
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.090593	0.109618	0.130454	1.145392	0.905226	314.4789	0.038638	0.035547	0.002905	0.002567	10202921	2738881	5879.897	4.72E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.019375	0.023444	0.0279	0.346594	0.187479	73.94366	0.008821	0.008116	0.000683	0.000604	2399021	860579.3	2086.874	1.11E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.010862	0.013142	0.015641	0.191351	0.108939	43.03348	0.004175	0.003841	0.000398	0.000351	1396174	574401.9	1182.408	75569865
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.064429	0.077959	0.092778	1.134401	0.661604	191.8154	0.025684	0.02363	0.001771	0.001566	6223238	3903337	10878.77	3.14E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.037267	0.045094	0.053665	1.2275	0.577362	208.2826	0.013894	0.012782	0.001925	0.0017	6757499	3226761	10959.54	3.24E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.063385	0.076696	0.091274	0.644821	0.650594	122.6684	0.030038	0.027635	0.001132	0.001001	3979840	778399.7	968.9607	1.93E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.483239	0.584719	0.695864	5.915463	3.465985	1694.443	0.135157	0.124345	0.015651	0.01383	54974343	14537564	14204.26	2.94E+09
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.325659	0.394047	0.468948	3.377958	3.051607	1102.832	0.128438	0.118163	0.010186	0.009001	35780168	3900449	7980.629	1.43E+09
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.044908	0.054339	0.064668	1.227034	0.700466	201.9641	0.015383	0.014152	0.001866	0.001648	6552502	5162269	14211.94	3.38E+08
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.003993	0.004831	0.005749	0.062139	0.048599	23.18144	0.001594	0.001466	0.000214	0.000189	752096.3	183101.7	652.628	48196583
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.425178	0.514465	0.612256	8.877647	4.596408	1547.944	0.134858	0.124069	0.014299	0.012634	50221345	26757043	42866.33	2.62E+09
Statewide	2030	Constructic	Aggregate	Aggregate	Diesel	0.030159	0.036492	0.043429	0.348631	0.323218	63.70444	0.014064	0.012939	0.000588	0.00052	2066820	974284.6	2575.193	76602763
Statewide	2030	Industrial -	Aggregate	Aggregate	Diesel	0.01664	0.020135	0.023962	0.557664	0.337104	98.04999	0.003809	0.003504	0.000906	0.0008	3181124	3061889	9659.126	1.93E+08
Statewide	2030	Industrial -	Aggregate	Aggregate	Diesel	0.137198	0.16601	0.197565	2.663035	1.383649	412.83	0.050221	0.046204	0.003813	0.003369	13393815	14329616	18119.9	1.28E+09
Statewide	2030	Industrial -	Aggregate	Aggregate	Diesel	0.007481	0.008998	0.010755	0.036529	0.056683	0.000133	0.001944	0.001469	8.67E-07	7.47E-07	2970.129	0	1384.997	0
Statewide	2030	Industrial -	Aggregate	Aggregate	Diesel	0.005888	0.007082	0.008464	0.028664	0.046042	0.000108	0.001568	0.001185	6.81E-07	5.86E-07	2333.309	0	286.4299	0
Statewide	2030	Industrial -	Aggregate	Aggregate	Diesel	0.00146	0.001756	0.002099	0.007772	0.011607	2.73E-05	0.000398	0.000301	1.79E-07	1.54E-07	612.4171	0	114.6332	0
Statewide	2030	Industrial -	Aggregate	Aggregate	Diesel	0.062809	0.075999	0.090445	0.960325	0.588962	199.3851	0.016035	0.014752	0.001842	0.001627	6468828	4042225	4612.901	3.56E+08
Statewide	2030	Industrial -	Aggregate	Aggregate	Diesel	0.030058	0.03637	0.043283	0.451277	0.261258	116.8999	0.008861	0.008152	0.00108	0.000954	3792690	1104859	1387.558	1.85E+08
Statewide	2030	Light Comn	Aggregate	Aggregate	Diesel	0.01979	0.023583	0.028491	0.243015	0.183139	30.43853	0.002789	0.002765	0.000385	0.000255	1015599	916931.1	1311.489	33926451
Statewide	2030	Light Comn	Aggregate	Aggregate	Diesel	0.091688	0.109903	0.131878	0.823273	0.915253	142.9328	0.018332	0.022163	0.001628	0.001188	4725348	1845776	16100.07	60910601
Statewide	2030	Light Comn	Aggregate	Aggregate	Diesel	0.00043	0.000516	0.000618	0.004109	0.004683	0.740032	9.37E-05	0.000116	8.33E-06	6.01E-06	23914.59	18585.8	480.2112	706260.4
Statewide	2030	Light Comn	Aggregate	Aggregate	Diesel	0.052491	0.06289	0.075505	0.480034	0.502141	78.94057	0.009954	0.011863	0.000908	0.000657	2612616	963516.1	8383.587	35650094
Statewide	2030	Light Comn	Aggregate	Aggregate	Diesel	0.099987	0.119365	0.143908	1.136107	0.962528	158.0482	0.016169	0.017251	0.001944	0.001323	5257991	3615686	9550.626	1.66E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.018806	0.022756	0.027081	0.310829	0.193118	106.5811	0.006173	0.005679	0.000985	0.00087	3457906	602548.3	1595.56	1.33E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.083127	0.100584	0.119703	0.930507	0.842377	252.0329	0.038629	0.035539	0.002328	0.002057	8176931	2374391	4800.105	5.49E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.192661	0.23312	0.277432	2.317959	1.861576	622.4377	0.087114	0.080145	0.005749	0.00508	20194306	4288848	8841.725	9.1E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.227363	0.275109	0.327402	3.865588	1.809196	1121.46	0.056824	0.052278	0.010362	0.009153	36384542	11615446	17185.01	1.83E+09
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.138435	0.167506	0.199347	1.520394	1.209725	421.301	0.052008	0.047847	0.003891	0.003439	13668648	3431389	5555.611	6.45E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.002142	0.002577	0.00308	0.009446	0.016264	3.78E-05	0.00055	0.000416	2.33E-07	2.01E-07	798.8484	0	130.457	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.002589	0.003114	0.003721	0.015168	0.019535	4.67E-05	0.000681	0.000515	3.37E-07	2.91E-07	1156.483	0	894.24	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.001015	0.001213	0.001461	0.011412	0.010304	1.347542	0.000177	0.000148	1.75E-05	1.13E-05	44767.99	32309.8	82.05257	1066223
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.000262	0.000315	0.000376	0.001074	0.001988	4.59E-06	6.69E-05	5.05E-05	2.73E-08	2.35E-08	93.49802	0	37.79134	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.001866	0.002245	0.002683	0.007661	0.014185	3.27E-05	0.000477	0.00036	1.95E-07	1.68E-07	666.9881	0	59.29	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.005549	0.006674	0.007976	0.032837	0.04186	0.0001	0.001461	0.001104	7.28E-07	6.27E-07	2495.466	0	573.2335	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.000493	0.000593	0.000709	0.002024	0.003746	8.65E-06	0.000126	9.52E-05	5.14E-08	4.43E-08	176.1662	0	23.46	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.000831	0.001	0.001195	0.003412	0.006317	1.46E-05	0.000212	0.000161	8.67E-08	7.47E-08	297.0301	0	57.88524	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.001772	0.002131	0.002547	0.01118	0.013347	3.22E-05	0.000469	0.000355	2.43E-07	2.09E-07	832.2626	0	517.34	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.012274	0.014763	0.017644	0.06452	0.09285	0.000219	0.003197	0.002415	1.49E-06	1.28E-06	5106.58	0	1564.015	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.000334	0.000402	0.00048	0.001371	0.002539	5.86E-06	8.54E-05	6.45E-05	3.48E-08	3E-08	119.3885	0	15.03378	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.02798	0.03365	0.040222	0.179063	0.211982	0.596146	0.007375	0.005578	1.15E-05	8.17E-06	32491.12	11643.5	4545.121	430809.5
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.094623	0.113811	0.136023	0.388454	0.719198	0.00166	0.024196	0.018281	9.87E-06	8.5E-06	33818.26	0	5997.138	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.008946	0.01076	0.01286	0.036726	0.067997	0.000157	0.002287	0.001728	9.33E-07	8.04E-07	3197.347	0	436.5156	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.01108	0.013327	0.015928	0.05099	0.084046	0.000196	0.002855	0.002157	1.24E-06	1.07E-06	4240.41	0	668.3377	0
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.063333	0.076632	0.091199	0.983605	0.516148	237.3437	0.015956	0.014679	0.002192	0.001937	7700353	2722930	3912.115	3.38E+08

Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.383553	0.4641	0.552317	3.474807	3.565088	1426.698	0.090482	0.083244	0.013179	0.011645	46287661	5795658	4094.541	2.35E+09
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.088876	0.10754	0.127982	1.155605	0.870309	317.9351	0.037114	0.034145	0.002937	0.002595	10315053	2768982	5920.625	4.77E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.019011	0.023004	0.027376	0.349574	0.179686	74.75632	0.008391	0.007719	0.000691	0.00061	2425386	870037.2	2101.329	1.13E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.010494	0.012697	0.015111	0.192904	0.103855	43.50643	0.003931	0.003617	0.000402	0.000355	1411518	580714.7	1190.598	76400392
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.062777	0.07596	0.090398	1.142417	0.647594	193.9234	0.024511	0.02255	0.001791	0.001583	6291633	3946236	10954.12	3.17E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.036682	0.044385	0.052822	1.240029	0.569422	210.5717	0.013401	0.012329	0.001946	0.001719	6831765	3262223	11035.46	3.28E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.062799	0.075987	0.090431	0.639613	0.632843	124.0165	0.029574	0.027209	0.001145	0.001012	4023579	786954.4	975.6722	1.95E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.480469	0.581367	0.691875	5.957796	3.297201	1713.065	0.130824	0.120358	0.015824	0.013982	55578521	14697335	14302.64	2.98E+09
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.322399	0.390103	0.464254	3.39881	2.900554	1114.952	0.125911	0.115839	0.010299	0.0091	36173399	3943315	8035.907	1.45E+09
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.043721	0.052903	0.062959	1.238716	0.694382	204.1837	0.014306	0.013162	0.001886	0.001667	6624515	5219004	14310.37	3.41E+08
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.003887	0.004704	0.005598	0.062385	0.046524	23.43621	0.001488	0.001369	0.000217	0.000191	760362	185114	657.1485	48726273
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.420891	0.509279	0.606084	8.96616	4.538153	1564.956	0.127411	0.117218	0.014456	0.012773	50773287	27051108	43163.25	2.65E+09
Statewide	2031	Constructic	Aggregate	Aggregate	Diesel	0.029715	0.035955	0.042789	0.351414	0.320186	64.40456	0.013738	0.012639	0.000595	0.000526	2089535	984992.2	2593.031	77444642
Statewide	2031	Industrial -	Aggregate	Aggregate	Diesel	0.016649	0.020146	0.023975	0.563658	0.33862	99.12758	0.003706	0.00341	0.000916	0.000809	3216085	3095540	9726.03	1.95E+08
Statewide	2031	Industrial -	Aggregate	Aggregate	Diesel	0.133645	0.16171	0.192448	2.688726	1.336803	417.3671	0.046268	0.042567	0.003855	0.003406	13541016	14487101	18245.41	1.3E+09
Statewide	2031	Industrial -	Aggregate	Aggregate	Diesel	0.007541	0.00907	0.01084	0.036827	0.057135	0.000134	0.001956	0.001478	8.74E-07	7.53E-07	2994.162	0	1396.203	0
Statewide	2031	Industrial -	Aggregate	Aggregate	Diesel	0.005936	0.00714	0.008533	0.028894	0.046417	0.000108	0.001581	0.001194	6.86E-07	5.91E-07	2352.166	0	288.6852	0
Statewide	2031	Industrial -	Aggregate	Aggregate	Diesel	0.001467	0.001765	0.002109	0.007805	0.011664	2.75E-05	0.0004	0.000302	1.8E-07	1.55E-07	615.2121	0	115.1078	0
Statewide	2031	Industrial -	Aggregate	Aggregate	Diesel	0.06182	0.074802	0.089021	0.968763	0.579416	201.5763	0.015094	0.013886	0.001862	0.001645	6539922	4086650	4644.853	3.6E+08
Statewide	2031	Industrial -	Aggregate	Aggregate	Diesel	0.029616	0.035835	0.042647	0.455849	0.252443	118.1847	0.008496	0.007817	0.001092	0.000965	3834372	1117001	1397.169	1.87E+08
Statewide	2031	Light Comn	Aggregate	Aggregate	Diesel	0.019359	0.023071	0.027871	0.243493	0.18241	30.59648	0.002475	0.002476	0.000387	0.000257	1020740	921741.8	1318.159	34104447
Statewide	2031	Light Comn	Aggregate	Aggregate	Diesel	0.090851	0.10891	0.130672	0.825813	0.915184	143.6874	0.017582	0.021459	0.001636	0.001194	4749891	1855412	16185.08	61228589
Statewide	2031	Light Comn	Aggregate	Aggregate	Diesel	0.000427	0.000513	0.000614	0.004125	0.004685	0.743964	9.08E-05	0.000113	8.38E-06	6.04E-06	24022.95	18695.3	482.7611	710421.4
Statewide	2031	Light Comn	Aggregate	Aggregate	Diesel	0.051921	0.062213	0.074683	0.481413	0.501885	79.35571	0.009487	0.011427	0.000913	0.00066	2626133	968531.1	8427.893	35835653
Statewide	2031	Light Comn	Aggregate	Aggregate	Diesel	0.098059	0.117072	0.141131	1.138622	0.959697	158.8786	0.014718	0.015911	0.001954	0.001329	5285084	3634769	9600.324	1.67E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.018622	0.022532	0.026815	0.313956	0.188356	107.7397	0.005707	0.00525	0.000996	0.000879	3495496	609098.4	1606.48	1.35E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.08115	0.098192	0.116856	0.931492	0.803961	254.7727	0.03616	0.033268	0.002353	0.002079	8265820	2400202	4832.958	5.55E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.189762	0.229612	0.273257	2.324806	1.790757	629.204	0.082987	0.076348	0.005812	0.005135	20413832	4335471	8902.239	9.2E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.225745	0.273151	0.325072	3.900663	1.767962	1133.651	0.054112	0.049783	0.010474	0.009253	36780068	11741714	17302.63	1.85E+09
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.134931	0.163267	0.194301	1.532603	1.123023	425.8809	0.049005	0.045085	0.003933	0.003476	13817236	3468690	5593.634	6.53E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.002162	0.0026	0.003108	0.009528	0.016411	3.81E-05	0.000555	0.00042	2.35E-07	2.03E-07	805.9184	0	131.5886	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.00262	0.003151	0.003767	0.015352	0.019772	4.73E-05	0.000689	0.000521	3.42E-07	2.94E-07	1170.564	0	905.13	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.001012	0.001209	0.001456	0.011533	0.010361	1.363961	0.000168	0.000139	1.77E-05	1.14E-05	45360.59	32674.8	82.90387	1078268
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.000265	0.000319	0.000381	0.001087	0.002013	4.65E-06	6.77E-05	5.11E-05	2.76E-08	2.38E-08	94.6503	0	38.25709	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.00189	0.002273	0.002716	0.007757	0.014362	3.31E-05	0.000483	0.000365	1.97E-07	1.7E-07	675.3128	0	60.03	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.005621	0.006761	0.00808	0.033265	0.042408	0.000102	0.00148	0.001118	7.38E-07	6.35E-07	2528.019	0	580.7097	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.0005	0.000602	0.000719	0.002054	0.003802	8.78E-06	0.000128	9.66E-05	5.22E-08	4.49E-08	178.7945	0	23.81	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.000841	0.001011	0.001209	0.003452	0.006391	1.48E-05	0.000215	0.000162	8.77E-08	7.55E-08	300.5273	0	58.56678	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.001794	0.002157	0.002578	0.011316	0.01351	3.26E-05	0.000475	0.000359	2.46E-07	2.12E-07	842.4298	0	523.66	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.012416	0.014934	0.017848	0.065262	0.093927	0.000222	0.003234	0.002443	1.51E-06	1.3E-06	5165.516	0	1581.928	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.000338	0.000406	0.000485	0.001386	0.002566	5.92E-06	8.63E-05	6.52E-05	3.52E-08	3.03E-08	120.65	0	15.19263	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.028313	0.034051	0.040701	0.181233	0.214535	0.60341	0.007459	0.005641	1.16E-05	8.27E-06	32901.32	11811.4	4600.506	437021.8
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.095568	0.114947	0.13738	0.392332	0.726377	0.001677	0.024427	0.018456	9.97E-06	8.58E-06	34155.82	0	6056.998	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.009056	0.010893	0.013018	0.037178	0.068833	0.000159	0.002315	0.001749	9.44E-07	8.14E-07	3236.668	0	441.8839	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.011165	0.013429	0.01605	0.051382	0.084688	0.000197	0.002877	0.002174	1.25E-06	1.07E-06	4272.869	0	673.532	0
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.062704	0.075872	0.090294	0.993442	0.503926	239.9238	0.01486	0.013671	0.002216	0.001958	7784062	2752530	3938.89	3.41E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.384234	0.464923	0.553297	3.502396	3.485668	1442.208	0.088259	0.081198	0.013322	0.011771	46790842	5858661	4122.564	2.37E+09

Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.086785	0.10501	0.124971	1.165098	0.839439	321.3913	0.034713	0.031936	0.002969	0.002623	10427185	2799083	5961.147	4.82E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.018675	0.022597	0.026892	0.352852	0.174663	75.56897	0.008026	0.007384	0.000698	0.000617	2451752	879495.1	2115.711	1.14E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.010195	0.012336	0.01468	0.194593	0.099839	43.97938	0.003669	0.003376	0.000406	0.000359	1426862	587027.5	1198.747	77230920
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.061134	0.073972	0.088033	1.150237	0.635887	196.0315	0.023364	0.021495	0.001811	0.0016	6360027	3989134	11029.09	3.2E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.036002	0.043562	0.051843	1.252364	0.564545	212.8607	0.01258	0.011573	0.001967	0.001737	6906032	3297686	11110.98	3.31E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.061028	0.073844	0.087881	0.615919	0.599573	125.3647	0.027541	0.025338	0.001157	0.001023	4067318	795509.2	982.3499	1.97E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.476334	0.576364	0.68592	5.994006	3.123945	1731.688	0.122899	0.113067	0.015996	0.014134	56182700	14857105	14400.53	3.01E+09
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.319119	0.386134	0.459531	3.410672	2.784958	1127.073	0.121399	0.111687	0.010411	0.009199	36566630	3986182	8090.906	1.46E+09
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.042868	0.05187	0.06173	1.250768	0.688623	206.4033	0.01351	0.012429	0.001907	0.001685	6696528	5275738	14408.32	3.45E+08
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.003845	0.004652	0.005536	0.062985	0.045428	23.69098	0.001443	0.001328	0.000219	0.000193	768627.7	187126.4	661.6461	49255963
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.418068	0.505862	0.602017	9.054776	4.496205	1581.969	0.122271	0.112489	0.014614	0.012912	51325229	27345173	43458.67	2.68E+09
Statewide	2032	Constructic	Aggregate	Aggregate	Diesel	0.028844	0.034901	0.041535	0.352019	0.314968	65.10469	0.013039	0.011996	0.000601	0.000531	2112250	995699.8	2610.778	78286522
Statewide	2032	Industrial -	Aggregate	Aggregate	Diesel	0.016637	0.02013	0.023957	0.569577	0.341227	100.2052	0.003657	0.003364	0.000926	0.000818	3251046	3129190	9792.597	1.97E+08
Statewide	2032	Industrial -	Aggregate	Aggregate	Diesel	0.131488	0.159101	0.189343	2.715156	1.307321	421.9042	0.043724	0.040226	0.003897	0.003444	13688216	14644586	18370.29	1.31E+09
Statewide	2032	Industrial -	Aggregate	Aggregate	Diesel	0.007599	0.00914	0.010924	0.037117	0.057577	0.000135	0.001969	0.001488	8.8E-07	7.58E-07	3017.576	0	1407.121	0
Statewide	2032	Industrial -	Aggregate	Aggregate	Diesel	0.005981	0.007194	0.008598	0.029109	0.046768	0.000109	0.001593	0.001203	6.91E-07	5.96E-07	2369.805	0	290.7897	0
Statewide	2032	Industrial -	Aggregate	Aggregate	Diesel	0.001479	0.001779	0.002126	0.007869	0.011758	2.77E-05	0.000403	0.000305	1.81E-07	1.56E-07	620.2056	0	116.0549	0
Statewide	2032	Industrial -	Aggregate	Aggregate	Diesel	0.060868	0.07365	0.08765	0.977201	0.570949	203.7676	0.014271	0.013129	0.001882	0.001663	6611016	4131075	4676.643	3.64E+08
Statewide	2032	Industrial -	Aggregate	Aggregate	Diesel	0.028616	0.034626	0.041207	0.460126	0.235096	119.4695	0.006986	0.006427	0.001104	0.000975	3876055	1129144	1406.732	1.89E+08
Statewide	2032	Light Comn	Aggregate	Aggregate	Diesel	0.019057	0.022711	0.027436	0.244285	0.181973	30.76624	0.002212	0.002234	0.000389	0.000258	1026322	926972.2	1325.589	34297973
Statewide	2032	Light Comn	Aggregate	Aggregate	Diesel	0.090328	0.10829	0.129917	0.829106	0.91614	144.4852	0.016956	0.020878	0.001645	0.001201	4776104	1865836	16274.69	61572595
Statewide	2032	Light Comn	Aggregate	Aggregate	Diesel	0.000426	0.000511	0.000613	0.004144	0.004692	0.748157	8.84E-05	0.000111	8.42E-06	6.06E-06	24117.8	18830.35	485.4609	715553.3
Statewide	2032	Light Comn	Aggregate	Aggregate	Diesel	0.051558	0.061783	0.07416	0.483252	0.502231	79.79623	0.009101	0.01107	0.000918	0.000664	2640569	973998.9	8474.44	36037957
Statewide	2032	Light Comn	Aggregate	Aggregate	Diesel	0.096724	0.115486	0.139209	1.142457	0.958274	159.7669	0.013505	0.014795	0.001965	0.001337	5314082	3654997	9654.501	1.68E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.018368	0.022225	0.02645	0.316692	0.182346	108.8983	0.005257	0.004836	0.001006	0.000889	3533086	615648.5	1617.346	1.36E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.079834	0.0966	0.114962	0.938995	0.775307	257.5125	0.033835	0.031128	0.002378	0.002102	8354709	2426013	4865.646	5.61E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.187106	0.226398	0.269433	2.333881	1.73425	635.9704	0.078968	0.072651	0.005874	0.005191	20633359	4382094	8962.451	9.3E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.224426	0.271555	0.323173	3.934393	1.729102	1145.842	0.051427	0.047313	0.010587	0.009352	37175594	11867983	17419.66	1.87E+09
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.133428	0.161448	0.192137	1.546335	1.074324	430.4607	0.046505	0.042785	0.003976	0.003513	13965824	3505992	5631.468	6.6E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.00218	0.002623	0.003134	0.009613	0.016552	3.84E-05	0.00056	0.000423	2.37E-07	2.04E-07	812.9751	0	132.7579	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.002652	0.00319	0.003812	0.015537	0.020012	4.79E-05	0.000697	0.000527	3.46E-07	2.98E-07	1184.695	0	915.99	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.001012	0.001209	0.001457	0.011659	0.010427	1.380376	0.00016	0.000131	1.79E-05	1.15E-05	45858.45	33058.05	83.93043	1090916
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.000268	0.000322	0.000385	0.001099	0.002035	4.7E-06	6.84E-05	5.17E-05	2.79E-08	2.41E-08	95.70537	0	38.68354	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.001912	0.0023	0.002748	0.007849	0.014531	3.35E-05	0.000489	0.000369	1.99E-07	1.72E-07	683.3001	0	60.74	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.005692	0.006847	0.008183	0.033687	0.042945	0.000103	0.001498	0.001132	7.47E-07	6.43E-07	2560.083	0	588.0756	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.000507	0.00061	0.000729	0.002083	0.003857	8.9E-06	0.00013	9.8E-05	5.29E-08	4.56E-08	181.3476	0	24.15	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.00085	0.001023	0.001222	0.003491	0.006464	1.49E-05	0.000217	0.000164	8.87E-08	7.64E-08	303.9317	0	59.23024	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.001815	0.002183	0.002609	0.011452	0.013672	3.3E-05	0.000481	0.000363	2.49E-07	2.14E-07	852.5327	0	529.94	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.012556	0.015102	0.018049	0.065999	0.094984	0.000224	0.00327	0.002471	1.52E-06	1.31E-06	5223.731	0	1599.806	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.000342	0.000411	0.000491	0.001403	0.002598	6E-06	8.74E-05	6.6E-05	3.57E-08	3.07E-08	122.1827	0	15.38563	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.028649	0.034455	0.041184	0.18341	0.217096	0.610672	0.007545	0.005705	1.18E-05	8.37E-06	33282.67	11957.4	4655.918	442423.8
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.096533	0.116108	0.138768	0.396293	0.733712	0.001694	0.024671	0.01864	1.01E-05	8.67E-06	34500.74	0	6118.163	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.009171	0.011031	0.013184	0.037649	0.069706	0.000161	0.002344	0.001771	9.56E-07	8.24E-07	3277.709	0	447.4871	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.011245	0.013526	0.016165	0.051766	0.085299	0.000199	0.002898	0.00219	1.26E-06	1.08E-06	4304.392	0	679.0513	0
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.062186	0.075245	0.089547	1.003373	0.500034	242.5038	0.013526	0.012444	0.00224	0.001979	7867770	2782130	3965.532	3.45E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.382335	0.462625	0.550562	3.534392	3.358934	1457.717	0.082622	0.076012	0.013466	0.011898	47294022	5921664	4150.448	2.4E+09
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.084621	0.102391	0.121854	1.172708	0.804669	324.8474	0.031945	0.029389	0.003001	0.002651	10539317	2829184	6001.466	4.87E+08

Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.018035	0.021822	0.02597	0.356049	0.167415	76.38163	0.007395	0.006803	0.000706	0.000623	2478118	888953.1	2130.021	1.15E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.01003	0.012136	0.014443	0.196479	0.09802	44.45232	0.003417	0.003143	0.000411	0.000363	1442207	593340.3	1206.855	78061447
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.059497	0.071992	0.085676	1.15913	0.627135	198.1396	0.022059	0.020295	0.00183	0.001617	6428422	4032033	11103.69	3.24E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.03497	0.042314	0.050357	1.264754	0.560816	215.1498	0.011492	0.010572	0.001988	0.001756	6980298	3333149	11186.14	3.35E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.060022	0.072626	0.086431	0.591021	0.57683	126.7128	0.026221	0.024123	0.00117	0.001034	4111057	804063.9	988.9942	1.99E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.474027	0.573572	0.682599	6.04495	3.003344	1750.31	0.115943	0.106668	0.016168	0.014286	56786879	15016876	14497.93	3.04E+09
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.316161	0.382555	0.455272	3.423251	2.661542	1139.193	0.114471	0.105314	0.010523	0.009298	36959861	4029049	8145.631	1.48E+09
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.041999	0.050819	0.060478	1.262872	0.6843	208.6229	0.012568	0.011562	0.001928	0.001703	6768541	5332472	14505.77	3.49E+08
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.003838	0.004644	0.005527	0.063657	0.045062	23.94575	0.001384	0.001273	0.000221	0.000195	776893.4	189138.7	666.1213	49785653
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.415491	0.502744	0.598307	9.142948	4.451387	1598.981	0.114986	0.105787	0.014771	0.013051	51877172	27639238	43752.61	2.71E+09
Statewide	2033	Constructic	Aggregate	Aggregate	Diesel	0.028013	0.033895	0.040338	0.350369	0.311637	65.80481	0.012453	0.011456	0.000608	0.000537	2134965	1006407	2628.436	79128401
Statewide	2033	Industrial -	Aggregate	Aggregate	Diesel	0.016442	0.019895	0.023676	0.575389	0.343236	101.2828	0.00341	0.003137	0.000936	0.000827	3286007	3162841	9858.831	1.99E+08
Statewide	2033	Industrial -	Aggregate	Aggregate	Diesel	0.129283	0.156432	0.186167	2.741635	1.283728	426.4413	0.040783	0.03752	0.003939	0.003481	13835417	14802072	18494.54	1.32E+09
Statewide	2033	Industrial -	Aggregate	Aggregate	Diesel	0.007653	0.009205	0.011001	0.037376	0.057981	0.000136	0.001981	0.001497	8.87E-07	7.64E-07	3038.69	0	1416.967	0
Statewide	2033	Industrial -	Aggregate	Aggregate	Diesel	0.006034	0.007258	0.008675	0.029361	0.047182	0.00011	0.001607	0.001214	6.98E-07	6.01E-07	2390.537	0	293.244	0
Statewide	2033	Industrial -	Aggregate	Aggregate	Diesel	0.001499	0.001803	0.002154	0.007979	0.011915	2.81E-05	0.000409	0.000309	1.83E-07	1.58E-07	628.7189	0	117.6965	0
Statewide	2033	Industrial -	Aggregate	Aggregate	Diesel	0.060348	0.073021	0.086901	0.986492	0.563561	205.9589	0.013128	0.012077	0.001902	0.001681	6682109	4175500	4708.274	3.68E+08
Statewide	2033	Industrial -	Aggregate	Aggregate	Diesel	0.028362	0.034318	0.040841	0.464341	0.229562	120.7542	0.006526	0.006004	0.001116	0.000986	3917737	1141287	1416.246	1.91E+08
Statewide	2033	Light Comn	Aggregate	Aggregate	Diesel	0.018888	0.02251	0.027192	0.245476	0.181827	30.95372	0.001995	0.002035	0.000392	0.00026	1032540	932447.2	1333.679	34500548
Statewide	2033	Light Comn	Aggregate	Aggregate	Diesel	0.090117	0.108044	0.129612	0.833265	0.918031	145.3515	0.01645	0.020415	0.001655	0.001208	4804475	1877016	16372.19	61941533
Statewide	2033	Light Comn	Aggregate	Aggregate	Diesel	0.000426	0.000511	0.000612	0.004166	0.004704	0.75266	8.65E-05	0.000109	8.48E-06	6.11E-06	24311.98	18910.65	488.3606	718604.7
Statewide	2033	Light Comn	Aggregate	Aggregate	Diesel	0.051393	0.06159	0.073923	0.485634	0.503121	80.27556	0.008787	0.010786	0.000923	0.000668	2656279	979809.7	8525.406	36252957
Statewide	2033	Light Comn	Aggregate	Aggregate	Diesel	0.095962	0.114581	0.138111	1.14785	0.95806	160.7214	0.012507	0.01388	0.001977	0.001345	5345437	3676915	9711.769	1.69E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.01822	0.022046	0.026237	0.319892	0.178452	110.0569	0.004813	0.004428	0.001017	0.000898	3570676	622198.7	1628.158	1.38E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.078521	0.09501	0.11307	0.944859	0.74943	260.2523	0.03226	0.029679	0.002404	0.002124	8443598	2451825	4898.173	5.67E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.183602	0.222159	0.264387	2.345234	1.675402	642.7367	0.073919	0.068006	0.005937	0.005246	20852886	4428716	9022.365	9.39E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.223356	0.27026	0.321632	3.97128	1.693955	1158.033	0.048316	0.044451	0.0107	0.009452	37571121	11994251	17536.11	1.89E+09
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.129744	0.15699	0.186831	1.558805	1.002688	435.0406	0.042859	0.03943	0.004018	0.003551	14114412	3543294	5669.114	6.67E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.002202	0.002648	0.003165	0.009706	0.016712	3.88E-05	0.000566	0.000427	2.4E-07	2.06E-07	820.8608	0	134.0518	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.002684	0.003228	0.003858	0.015725	0.020254	4.85E-05	0.000706	0.000533	3.5E-07	3.01E-07	1199.037	0	927.04	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.001017	0.001215	0.001464	0.011791	0.010504	1.396794	0.000153	0.000126	1.81E-05	1.17E-05	46414.85	33466.85	84.95385	1104406
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.000271	0.000326	0.000389	0.001112	0.002059	4.75E-06	6.93E-05	5.23E-05	2.83E-08	2.43E-08	96.83591	0	39.1405	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.001932	0.002324	0.002777	0.007931	0.014685	3.39E-05	0.000494	0.000373	2.01E-07	1.74E-07	690.4998	0	61.38	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.005767	0.006936	0.00829	0.034126	0.043507	0.000104	0.001518	0.001147	7.57E-07	6.52E-07	2593.46	0	595.7408	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.000512	0.000616	0.000737	0.002104	0.003895	8.99E-06	0.000131	9.9E-05	5.34E-08	4.6E-08	183.1498	0	24.39	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.000861	0.001035	0.001237	0.003533	0.00654	1.51E-05	0.00022	0.000166	8.97E-08	7.73E-08	307.5446	0	59.93432	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.001837	0.00221	0.002641	0.011591	0.013839	3.34E-05	0.000487	0.000368	2.52E-07	2.17E-07	862.893	0	536.38	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.012696	0.01527	0.01825	0.066738	0.096042	0.000227	0.003307	0.002498	1.54E-06	1.33E-06	5282.12	0	1617.785	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.000346	0.000417	0.000498	0.001422	0.002632	6.08E-06	8.85E-05	6.69E-05	3.61E-08	3.11E-08	123.7802	0	15.5868	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.028986	0.03486	0.041668	0.185585	0.219654	0.617935	0.007631	0.00577	1.19E-05	8.48E-06	33725.65	12088.8	4711.259	447285.6
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.097498	0.117269	0.140155	0.400255	0.741046	0.00171	0.024919	0.018828	1.02E-05	8.76E-06	34845.58	0	6179.316	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.009285	0.011167	0.013347	0.038115	0.070568	0.000163	0.002373	0.001793	9.68E-07	8.34E-07	3318.27	0	453.0246	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.011342	0.013642	0.016305	0.052223	0.086034	0.000201	0.002923	0.002208	1.27E-06	1.09E-06	4342.066	0	685.4336	0
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.06104	0.073859	0.087898	1.013002	0.488914	245.0839	0.012119	0.01115	0.002264	0.002	7951479	2811731	3992.041	3.49E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.381052	0.461074	0.548716	3.549189	3.282252	1473.226	0.077833	0.071606	0.013609	0.012024	47797202	5984667	4178.194	2.42E+09
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.083055	0.100497	0.119599	1.182263	0.780631	328.3036	0.029901	0.027509	0.003033	0.00268	10651449	2859284	6041.586	4.92E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.017371	0.021019	0.025014	0.359393	0.160274	77.19428	0.006672	0.006138	0.000713	0.00063	2504483	898411	2144.26	1.16E+08

Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.009909	0.01199	0.014269	0.198211	0.096824	44.92527	0.003266	0.003005	0.000415	0.000367	1457551	599653.1	1214.923	78891974
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.057632	0.069735	0.082991	1.168347	0.620183	200.2477	0.020966	0.019289	0.00185	0.001634	6496816	4074931	11177.92	3.27E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.03468	0.041963	0.049939	1.277698	0.562878	217.4388	0.010915	0.010042	0.002009	0.001775	7054564	3368612	11260.92	3.39E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.059389	0.071861	0.085521	0.590321	0.56519	128.061	0.02522	0.023202	0.001182	0.001045	4154797	812618.7	995.6057	2.01E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.470346	0.569118	0.677298	6.094311	2.868901	1768.932	0.107205	0.098629	0.016341	0.014438	57391057	15176647	14594.85	3.07E+09
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.310694	0.37594	0.4474	3.437167	2.536346	1151.313	0.106205	0.097709	0.010635	0.009397	37353092	4071915	8200.084	1.5E+09
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.041089	0.049717	0.059168	1.274751	0.684494	210.8426	0.011805	0.010861	0.001948	0.001721	6840555	5389207	14602.74	3.53E+08
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.003811	0.004611	0.005488	0.064168	0.044494	24.20052	0.001359	0.00125	0.000224	0.000198	785159.1	191151	670.5743	50315343
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.413558	0.500406	0.595524	9.234146	4.43153	1615.993	0.110042	0.101239	0.014928	0.01319	52429114	27933303	44045.1	2.74E+09
Statewide	2034	Constructic	Aggregate	Aggregate	Diesel	0.026972	0.032636	0.03884	0.351222	0.307913	66.50494	0.011919	0.010965	0.000614	0.000543	2157679	1017115	2646.007	79970280
Statewide	2034	Industrial -	Aggregate	Aggregate	Diesel	0.016162	0.019557	0.023274	0.581038	0.345437	102.3603	0.003176	0.002922	0.000946	0.000835	3320969	3196492	9924.738	2.01E+08
Statewide	2034	Industrial -	Aggregate	Aggregate	Diesel	0.127532	0.154314	0.183646	2.768538	1.267953	430.9783	0.037849	0.034821	0.003981	0.003518	13982618	14959557	18618.18	1.34E+09
Statewide	2034	Industrial -	Aggregate	Aggregate	Diesel	0.007697	0.009258	0.011065	0.037572	0.058319	0.000137	0.001992	0.001505	8.91E-07	7.68E-07	3055.265	0	1424.698	0
Statewide	2034	Industrial -	Aggregate	Aggregate	Diesel	0.006085	0.007318	0.008747	0.029605	0.047573	0.000111	0.00162	0.001224	7.03E-07	6.06E-07	2410.366	0	295.6728	0
Statewide	2034	Industrial -	Aggregate	Aggregate	Diesel	0.00155	0.001865	0.002229	0.008271	0.01233	2.9E-05	0.000423	0.00032	1.9E-07	1.64E-07	651.2499	0	122.0489	0
Statewide	2034	Industrial -	Aggregate	Aggregate	Diesel	0.059949	0.072538	0.086326	0.994995	0.556966	208.1502	0.012106	0.011137	0.001923	0.001699	6753203	4219925	4739.749	3.72E+08
Statewide	2034	Industrial -	Aggregate	Aggregate	Diesel	0.028323	0.03427	0.040785	0.468935	0.225507	122.039	0.006361	0.005852	0.001127	0.000996	3959420	1153429	1425.714	1.93E+08
Statewide	2034	Light Comn	Aggregate	Aggregate	Diesel	0.018821	0.022431	0.027096	0.246854	0.1819	31.14127	0.001825	0.001878	0.000394	0.000261	1038649	938071.9	1341.919	34708660
Statewide	2034	Light Comn	Aggregate	Aggregate	Diesel	0.090176	0.108118	0.129696	0.837932	0.920749	146.2441	0.016065	0.020072	0.001665	0.001216	4833801	1888536	16472.97	62321673
Statewide	2034	Light Comn	Aggregate	Aggregate	Diesel	0.000427	0.000512	0.000614	0.00419	0.00472	0.757287	8.51E-05	0.000108	8.53E-06	6.15E-06	24467.99	19031.1	491.3004	723181.8
Statewide	2034	Light Comn	Aggregate	Aggregate	Diesel	0.051398	0.061598	0.073929	0.488334	0.504471	80.7672	0.008547	0.010571	0.000929	0.000672	2672495	985843.1	8577.681	36476195
Statewide	2034	Light Comn	Aggregate	Aggregate	Diesel	0.095695	0.114265	0.137726	1.15419	0.959117	161.7088	0.011732	0.013174	0.001989	0.001353	5378132	3699425	9771.356	1.7E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.016632	0.020125	0.02395	0.322589	0.172746	111.2155	0.003972	0.003654	0.001028	0.000908	3608266	628748.8	1638.917	1.39E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.076942	0.0931	0.110797	0.940927	0.718822	262.9921	0.030901	0.028429	0.002429	0.002147	8532488	2477636	4930.541	5.73E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.18005	0.217861	0.259272	2.359017	1.61664	649.5031	0.06945	0.063894	0.006	0.005301	21072412	4475339	9081.986	9.49E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.222495	0.269219	0.320393	4.007683	1.660107	1170.225	0.044991	0.041391	0.010813	0.009551	37966647	12120519	17651.99	1.91E+09
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.125201	0.151493	0.18029	1.573117	0.923482	439.6204	0.03892	0.035806	0.004061	0.003588	14263001	3580595	5706.576	6.74E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.002224	0.002675	0.003197	0.009808	0.016882	3.92E-05	0.000571	0.000432	2.42E-07	2.08E-07	829.3511	0	135.4576	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.002715	0.003265	0.003902	0.015905	0.020485	4.9E-05	0.000714	0.000539	3.54E-07	3.05E-07	1212.731	0	937.72	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.001026	0.001226	0.001476	0.011929	0.010593	1.413212	0.000149	0.000121	1.83E-05	1.18E-05	46964.2	33857.4	86.05157	1117294
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.000274	0.00033	0.000394	0.001126	0.002084	4.81E-06	7.01E-05	5.3E-05	2.86E-08	2.46E-08	98.0059	0	39.6134	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.001954	0.002351	0.002809	0.008023	0.014854	3.43E-05	0.0005	0.000377	2.04E-07	1.76E-07	698.487	0	62.09	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.00584	0.007025	0.008396	0.034559	0.044062	0.000106	0.001537	0.001162	7.66E-07	6.6E-07	2626.444	0	603.3145	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.000518	0.000623	0.000745	0.002128	0.00394	9.09E-06	0.000132	0.0001	5.41E-08	4.66E-08	185.2524	0	24.67	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.00087	0.001046	0.001251	0.003572	0.006613	1.53E-05	0.000222	0.000168	9.07E-08	7.82E-08	310.9453	0	60.59704	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.001859	0.002235	0.002672	0.011726	0.013999	3.38E-05	0.000492	0.000372	2.55E-07	2.19E-07	872.9153	0	542.61	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.012832	0.015434	0.018446	0.067463	0.097073	0.000229	0.003342	0.002525	1.56E-06	1.34E-06	5339.259	0	1635.51	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.000352	0.000423	0.000506	0.001445	0.002674	6.17E-06	8.99E-05	6.8E-05	3.67E-08	3.16E-08	125.7586	0	15.83592	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.029325	0.035268	0.042156	0.187766	0.222221	0.625198	0.007718	0.005835	1.21E-05	8.57E-06	34070.42	12260.35	4766.651	453632.9
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.098472	0.11844	0.141555	0.404254	0.748451	0.001728	0.025169	0.019017	1.03E-05	8.85E-06	35193.79	0	6241.065	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.009395	0.0113	0.013505	0.038567	0.071405	0.000165	0.002401	0.001814	9.8E-07	8.44E-07	3357.607	0	458.395	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.011451	0.013773	0.016461	0.052727	0.086856	0.000203	0.002951	0.00223	1.28E-06	1.1E-06	4383.811	0	692.24	0
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.060598	0.073324	0.087262	1.022261	0.481313	247.664	0.011373	0.010463	0.002288	0.002021	8035187	2841331	4018.421	3.52E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.381761	0.46193	0.549735	3.581256	3.256491	1488.735	0.075785	0.069722	0.013753	0.012151	48300383	6047670	4205.804	2.45E+09
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.081233	0.098292	0.116976	1.189395	0.75497	331.7598	0.027558	0.025354	0.003065	0.002708	10763582	2889385	6081.509	4.98E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.01677	0.020292	0.024149	0.362581	0.155048	78.00694	0.005996	0.005516	0.000721	0.000637	2530849	907868.9	2158.43	1.18E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.009624	0.011645	0.013859	0.199579	0.093439	45.39822	0.00298	0.002741	0.000419	0.000371	1472895	605965.8	1222.951	79722502

Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.056368	0.068206	0.081171	1.178637	0.616414	202.3558	0.019878	0.018288	0.001869	0.001652	6565211	4117830	11251.78	3.31E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.034341	0.041552	0.049451	1.290664	0.561582	219.7279	0.010303	0.009478	0.00203	0.001793	7128830	3404074	11335.33	3.42E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.057722	0.069844	0.08312	0.567767	0.534331	129.4091	0.023454	0.021578	0.001195	0.001056	4198536	821173.5	1002.185	2.04E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.465708	0.563507	0.67062	6.147407	2.745583	1787.554	0.098769	0.090867	0.016513	0.01459	57995236	15336417	14691.3	3.11E+09
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.306349	0.370682	0.441143	3.454761	2.436056	1163.434	0.100537	0.092494	0.010747	0.009496	37746323	4114782	8254.271	1.51E+09
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.040532	0.049044	0.058367	1.287114	0.685518	213.0622	0.010866	0.009996	0.001969	0.001739	6912568	5445941	14699.24	3.56E+08
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.003789	0.004584	0.005456	0.06468	0.043689	24.45528	0.00133	0.001224	0.000226	0.0002	793424.8	193163.3	675.0055	50845032
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.411209	0.497563	0.592142	9.320786	4.413955	1633.005	0.102908	0.094675	0.015086	0.013328	52981056	28227368	44336.15	2.77E+09
Statewide	2035	Constructic	Aggregate	Aggregate	Diesel	0.026264	0.03178	0.037821	0.352777	0.304959	67.20506	0.011413	0.0105	0.000621	0.000549	2180394	1027823	2663.492	80812159
Statewide	2035	Industrial -	Aggregate	Aggregate	Diesel	0.016065	0.019439	0.023134	0.58689	0.348024	103.4379	0.003025	0.002783	0.000956	0.000844	3355930	3230143	9990.321	2.03E+08
Statewide	2035	Industrial -	Aggregate	Aggregate	Diesel	0.125928	0.152373	0.181337	2.794603	1.255976	435.5154	0.034447	0.031691	0.004023	0.003555	14129818	15117042	18741.21	1.35E+09
Statewide	2035	Industrial -	Aggregate	Aggregate	Diesel	0.00775	0.009321	0.01114	0.037816	0.058716	0.000138	0.002006	0.001516	8.97E-07	7.73E-07	3075.436	0	1434.105	0
Statewide	2035	Industrial -	Aggregate	Aggregate	Diesel	0.006134	0.007377	0.008817	0.029843	0.047957	0.000112	0.001633	0.001234	7.09E-07	6.11E-07	2429.762	0	298.0402	0
Statewide	2035	Industrial -	Aggregate	Aggregate	Diesel	0.001586	0.001907	0.00228	0.008461	0.012613	2.97E-05	0.000433	0.000327	1.94E-07	1.67E-07	666.1799	0	124.8506	0
Statewide	2035	Industrial -	Aggregate	Aggregate	Diesel	0.059773	0.072325	0.086073	1.004444	0.552779	210.3415	0.011117	0.010228	0.001943	0.001717	6824297	4264349	4771.07	3.76E+08
Statewide	2035	Industrial -	Aggregate	Aggregate	Diesel	0.02744	0.033202	0.039513	0.473732	0.209657	123.3237	0.005776	0.005313	0.001139	0.001007	4001102	1165572	1435.135	1.95E+08
Statewide	2035	Light Comn	Aggregate	Aggregate	Diesel	0.018838	0.022451	0.02712	0.248296	0.182163	31.33948	0.001694	0.001759	0.000397	0.000263	1045251	943955.7	1350.519	34926361
Statewide	2035	Light Comn	Aggregate	Aggregate	Diesel	0.09047	0.108473	0.130118	0.84292	0.924056	147.1582	0.015784	0.019828	0.001676	0.001223	4863934	1900409	16575.87	62713497
Statewide	2035	Light Comn	Aggregate	Aggregate	Diesel	0.000428	0.000514	0.000616	0.004214	0.004737	0.761878	8.41E-05	0.000107	8.58E-06	6.2E-06	24650.2	19115.05	494.3001	726371.9
Statewide	2035	Light Comn	Aggregate	Aggregate	Diesel	0.051552	0.061784	0.074151	0.491237	0.506172	81.27286	0.008371	0.01042	0.000935	0.000676	2689130	991935	8631.277	36701593
Statewide	2035	Light Comn	Aggregate	Aggregate	Diesel	0.095823	0.11442	0.13791	1.160976	0.960948	162.7195	0.01114	0.012638	0.002001	0.001361	5411645	3722657	9832.623	1.71E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.016456	0.019912	0.023697	0.32553	0.167958	112.3742	0.003793	0.00349	0.001038	0.000917	3645856	635299	1649.624	1.4E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.075064	0.090828	0.108092	0.935567	0.679937	265.7318	0.029741	0.027362	0.002455	0.002169	8621377	2503447	4962.751	5.79E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.175881	0.212817	0.253269	2.363361	1.551319	656.2694	0.064108	0.058979	0.006062	0.005356	21291939	4521962	9141.317	9.59E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.221652	0.268199	0.319179	4.045335	1.626727	1182.416	0.041782	0.038439	0.010925	0.009651	38362173	12246787	17767.31	1.93E+09
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.121998	0.147618	0.175677	1.583471	0.858286	444.2003	0.035126	0.032316	0.004103	0.003626	14411589	3617897	5743.856	6.81E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.002244	0.002699	0.003226	0.009899	0.017036	3.96E-05	0.000577	0.000436	2.44E-07	2.1E-07	837.0238	0	136.7227	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.002746	0.003303	0.003948	0.01609	0.020724	4.96E-05	0.000722	0.000546	3.58E-07	3.08E-07	1226.856	0	948.61	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.001036	0.001238	0.001491	0.012068	0.010682	1.429631	0.000146	0.000118	1.85E-05	1.2E-05	47531.63	34266.2	87.07212	1130785
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.000277	0.000333	0.000398	0.001137	0.002105	4.86E-06	7.08E-05	5.35E-05	2.89E-08	2.49E-08	98.99264	0	40.01223	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.00198	0.002382	0.002847	0.008129	0.015051	3.47E-05	0.000506	0.000382	2.06E-07	1.78E-07	707.7116	0	62.91	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.005913	0.007112	0.008499	0.034987	0.044607	0.000107	0.001556	0.001176	7.76E-07	6.68E-07	2658.948	0	610.7811	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.000525	0.000632	0.000755	0.002156	0.003991	9.21E-06	0.000134	0.000101	5.48E-08	4.72E-08	187.6553	0	24.99	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.000879	0.001057	0.001264	0.003609	0.006682	1.54E-05	0.000225	0.00017	9.17E-08	7.9E-08	314.1874	0	61.22886	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.00188	0.002262	0.002703	0.011863	0.014162	3.42E-05	0.000498	0.000376	2.58E-07	2.22E-07	883.0825	0	548.93	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.01297	0.0156	0.018645	0.068196	0.098118	0.000232	0.003378	0.002552	1.57E-06	1.36E-06	5397.123	0	1653.42	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.00036	0.000433	0.000518	0.001478	0.002737	6.32E-06	9.2E-05	6.95E-05	3.76E-08	3.23E-08	128.699	0	16.20619	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.029664	0.035676	0.042644	0.189944	0.224783	0.632462	0.007806	0.005901	1.22E-05	8.67E-06	34495.12	12395.4	4821.893	458629.8
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.099459	0.119627	0.142974	0.408305	0.755951	0.001745	0.025422	0.019208	1.04E-05	8.93E-06	35546.46	0	6303.607	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.00951	0.011438	0.01367	0.03904	0.07228	0.000167	0.002431	0.001837	9.92E-07	8.54E-07	3398.753	0	464.0124	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.011565	0.013911	0.016625	0.053257	0.087725	0.000205	0.00298	0.002252	1.29E-06	1.11E-06	4427.793	0	699.2637	0
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.06023	0.072878	0.086731	1.031815	0.470856	250.2441	0.010602	0.009754	0.002312	0.002042	8118895	2870931	4044.673	3.56E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.379736	0.459481	0.54682	3.604812	3.193418	1504.245	0.072648	0.066836	0.013896	0.012277	48803563	6110673	4233.28	2.48E+09
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.079762	0.096512	0.114858	1.199432	0.727395	335.216	0.025937	0.023862	0.003097	0.002736	10875714	2919486	6121.239	5.03E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.016393	0.019836	0.023606	0.365963	0.150651	78.81959	0.005558	0.005113	0.000728	0.000643	2557215	917326.9	2172.53	1.19E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.009533	0.011535	0.013727	0.201555	0.091241	45.87116	0.002837	0.00261	0.000424	0.000374	1488239	612278.6	1230.941	80553029
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.055461	0.067108	0.079864	1.189362	0.610378	204.4639	0.018644	0.017152	0.001889	0.001669	6633605	4160728	11325.29	3.34E+08

Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.034179	0.041356	0.049218	1.303845	0.560285	222.017	0.00972	0.008942	0.002052	0.001812	7203096	3439537	11409.38	3.46E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.055948	0.067697	0.080565	0.545708	0.504207	130.7572	0.02167	0.019937	0.001207	0.001067	4242275	829728.2	1008.732	2.06E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.46037	0.557048	0.662933	6.199466	2.609742	1806.177	0.090021	0.082819	0.016685	0.014742	58599415	15496188	14787.27	3.14E+09
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.300802	0.363971	0.433155	3.46377	2.322477	1175.554	0.096485	0.088766	0.01086	0.009595	38139554	4157649	8308.195	1.53E+09
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.04009	0.048508	0.057729	1.299675	0.685459	215.2818	0.010005	0.009205	0.001989	0.001757	6984581	5502675	14795.27	3.6E+08
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.003678	0.004451	0.005297	0.06496	0.041611	24.71005	0.001239	0.00114	0.000228	0.000202	801690.4	195175.7	679.4153	51374722
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.408964	0.494847	0.588909	9.410797	4.386252	1650.017	0.096998	0.089238	0.015243	0.013467	53532999	28521433	44625.79	2.79E+09
Statewide	2036	Constructic	Aggregate	Aggregate	Diesel	0.025605	0.030982	0.036871	0.352085	0.300198	67.90518	0.010778	0.009916	0.000627	0.000554	2203109	1038530	2680.893	81654038
Statewide	2036	Industrial -	Aggregate	Aggregate	Diesel	0.016069	0.019443	0.023139	0.592825	0.350846	104.5155	0.002922	0.002688	0.000966	0.000853	3390891	3263793	10055.59	2.05E+08
Statewide	2036	Industrial -	Aggregate	Aggregate	Diesel	0.12492	0.151153	0.179884	2.821946	1.244786	440.0525	0.031714	0.029177	0.004065	0.003592	14277019	15274527	18863.64	1.37E+09
Statewide	2036	Industrial -	Aggregate	Aggregate	Diesel	0.007857	0.00945	0.011294	0.038339	0.059526	0.00014	0.002034	0.001537	9.1E-07	7.84E-07	3117.964	0	1453.936	0
Statewide	2036	Industrial -	Aggregate	Aggregate	Diesel	0.006229	0.007492	0.008955	0.030306	0.048705	0.000114	0.001659	0.001253	7.2E-07	6.2E-07	2467.57	0	302.6493	0
Statewide	2036	Industrial -	Aggregate	Aggregate	Diesel	0.001617	0.001945	0.002324	0.008604	0.012853	3.03E-05	0.000441	0.000333	1.98E-07	1.7E-07	678.0459	0	126.8944	0
Statewide	2036	Industrial -	Aggregate	Aggregate	Diesel	0.059427	0.071907	0.085575	1.01389	0.546223	212.5327	0.010278	0.009456	0.001963	0.001735	6895390	4308774	4802.238	3.8E+08
Statewide	2036	Industrial -	Aggregate	Aggregate	Diesel	0.027394	0.033147	0.039448	0.478451	0.206356	124.6085	0.005675	0.005221	0.001151	0.001017	4042784	1177714	1444.511	1.97E+08
Statewide	2036	Light Comn	Aggregate	Aggregate	Diesel	0.018881	0.022503	0.027183	0.249597	0.182477	31.5357	0.001589	0.001663	0.000399	0.000265	1051731	949949	1359.109	35148113
Statewide	2036	Light Comn	Aggregate	Aggregate	Diesel	0.090908	0.108999	0.130748	0.848058	0.927804	148.0866	0.015578	0.01966	0.001686	0.001231	4894670	1912414	16680.16	63109657
Statewide	2036	Light Comn	Aggregate	Aggregate	Diesel	0.000431	0.000517	0.000619	0.00424	0.004758	0.766719	8.35E-05	0.000107	8.63E-06	6.24E-06	24835.33	19220.9	497.4	730394.2
Statewide	2036	Light Comn	Aggregate	Aggregate	Diesel	0.051793	0.062073	0.074496	0.494212	0.508106	81.78402	0.008238	0.010309	0.00094	0.00068	2706036	998202	8685.073	36933474
Statewide	2036	Light Comn	Aggregate	Aggregate	Diesel	0.09618	0.114848	0.138424	1.167853	0.963376	163.7489	0.010675	0.012221	0.002014	0.00137	5445816	3746181	9895.051	1.72E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.016157	0.01955	0.023266	0.327949	0.161613	113.5328	0.003577	0.003291	0.001049	0.000927	3683446	641849.1	1660.279	1.42E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.073563	0.089011	0.105931	0.925042	0.65229	268.4716	0.028489	0.02621	0.00248	0.002191	8710266	2529259	4994.807	5.85E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.173014	0.209347	0.249141	2.368554	1.489715	663.0358	0.060945	0.05607	0.006125	0.005412	21511466	4568585	9200.363	9.69E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.220821	0.267193	0.317982	4.081347	1.590076	1194.607	0.038814	0.035709	0.011038	0.00975	38757699	12373056	17882.07	1.95E+09
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.119854	0.145023	0.17259	1.593691	0.801488	448.7801	0.033086	0.030439	0.004146	0.003663	14560177	3655199	5780.957	6.88E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.002266	0.002725	0.003257	0.009996	0.0172	4E-05	0.000582	0.00044	2.47E-07	2.12E-07	845.1609	0	138.067	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.002779	0.003342	0.003994	0.016279	0.020968	5.02E-05	0.000731	0.000552	3.62E-07	3.12E-07	1241.27	0	959.65	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.001046	0.00125	0.001505	0.012202	0.010766	1.44605	0.000143	0.000115	1.87E-05	1.21E-05	48043.83	34675	88.00354	1144275
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.00028	0.000337	0.000403	0.001151	0.002131	4.92E-06	7.17E-05	5.42E-05	2.92E-08	2.52E-08	100.2189	0	40.50787	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.002005	0.002412	0.002882	0.008231	0.01524	3.52E-05	0.000512	0.000387	2.09E-07	1.8E-07	716.5989	0	63.7	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.005985	0.007199	0.008604	0.035416	0.045156	0.000108	0.001576	0.00119	7.85E-07	6.77E-07	2691.592	0	618.2787	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.000531	0.000638	0.000763	0.002179	0.004034	9.31E-06	0.000136	0.000102	5.53E-08	4.77E-08	189.6828	0	25.26	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.00089	0.00107	0.001279	0.003652	0.006762	1.56E-05	0.000227	0.000172	9.28E-08	7.99E-08	317.9535	0	61.9628	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.001901	0.002287	0.002733	0.011994	0.01432	3.46E-05	0.000504	0.00038	2.61E-07	2.24E-07	892.8798	0	555.02	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.013115	0.015774	0.018853	0.068959	0.099212	0.000234	0.003416	0.002581	1.59E-06	1.37E-06	5457.43	0	1671.976	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.000368	0.000443	0.000529	0.001511	0.002798	6.46E-06	9.41E-05	7.11E-05	3.84E-08	3.31E-08	131.5664	0	16.56726	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.030005	0.036086	0.043133	0.192127	0.227353	0.639725	0.007894	0.005967	1.23E-05	8.78E-06	34894.61	12559.65	4877.334	464707
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.100455	0.120825	0.144406	0.412394	0.763521	0.001762	0.025676	0.0194	1.05E-05	9.02E-06	35902.43	0	6366.731	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.009625	0.011577	0.013836	0.039514	0.073158	0.000169	0.00246	0.001859	1E-06	8.65E-07	3440.029	0	469.6476	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.011686	0.014056	0.016799	0.053813	0.088642	0.000207	0.003012	0.002275	1.31E-06	1.12E-06	4474.063	0	706.5831	0
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.059968	0.072561	0.086353	1.039797	0.462925	252.8242	0.010086	0.009279	0.002336	0.002064	8202604	2900531	4070.798	3.6E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.375886	0.454822	0.541276	3.631422	3.134204	1519.754	0.067452	0.062056	0.01404	0.012404	49306743	6173676	4260.623	2.5E+09
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.078192	0.094612	0.112597	1.208069	0.704014	338.6722	0.024044	0.022121	0.003129	0.002764	10987846	2949587	6160.777	5.08E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.01594	0.019288	0.022954	0.369477	0.142868	79.63225	0.00504	0.004637	0.000736	0.00065	2583581	926784.8	2186.563	1.2E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.009494	0.011488	0.013672	0.203364	0.090351	46.34411	0.0027	0.002484	0.000428	0.000378	1503584	618591.4	1238.892	81383557
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.0545	0.065945	0.07848	1.199472	0.603652	206.572	0.01753	0.016128	0.001908	0.001686	6702000	4203626	11398.44	3.38E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.033745	0.040831	0.048593	1.316755	0.555978	224.306	0.009076	0.00835	0.002073	0.001831	7277363	3475000	11483.08	3.49E+08

Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.055136	0.066715	0.079396	0.535878	0.486882	132.1054	0.020962	0.019285	0.00122	0.001078	4286014	838283	1015.247	2.08E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.455764	0.551474	0.6563	6.242345	2.478085	1824.799	0.083138	0.076487	0.016857	0.014894	59203593	15655959	14882.79	3.17E+09
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.292134	0.353482	0.420672	3.43601	2.198949	1187.674	0.091512	0.084191	0.010972	0.009694	38532785	4200515	8361.86	1.54E+09
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.039685	0.048019	0.057147	1.31222	0.684746	217.5014	0.009017	0.008295	0.00201	0.001775	7056594	5559410	14890.83	3.64E+08
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.003546	0.004291	0.005106	0.064039	0.040136	24.96482	0.001129	0.001039	0.000231	0.000204	809956.1	197188	683.8038	51904412
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.40704	0.492519	0.586138	9.498645	4.365597	1667.03	0.091073	0.083787	0.0154	0.013606	54084941	28815498	44914.04	2.82E+09
Statewide	2037	Constructic	Aggregate	Aggregate	Diesel	0.024893	0.03012	0.035846	0.351423	0.295531	68.60531	0.01014	0.009329	0.000634	0.00056	2225824	1049238	2698.209	82495918
Statewide	2037	Industrial -	Aggregate	Aggregate	Diesel	0.016126	0.019513	0.023222	0.598842	0.352787	105.5931	0.002824	0.002598	0.000976	0.000862	3425852	3297444	10120.54	2.07E+08
Statewide	2037	Industrial -	Aggregate	Aggregate	Diesel	0.123756	0.149745	0.178209	2.848969	1.228217	444.5896	0.029163	0.02683	0.004107	0.003629	14424219	15432013	18985.48	1.38E+09
Statewide	2037	Industrial -	Aggregate	Aggregate	Diesel	0.007821	0.009407	0.011243	0.038141	0.05926	0.000139	0.002025	0.00153	9.05E-07	7.8E-07	3102.637	0	1446.791	0
Statewide	2037	Industrial -	Aggregate	Aggregate	Diesel	0.006221	0.007482	0.008942	0.030264	0.048637	0.000114	0.001656	0.001251	7.19E-07	6.19E-07	2464.113	0	302.219	0
Statewide	2037	Industrial -	Aggregate	Aggregate	Diesel	0.001607	0.001933	0.00231	0.008545	0.012774	3.01E-05	0.000438	0.000331	1.97E-07	1.69E-07	673.6094	0	126.004	0
Statewide	2037	Industrial -	Aggregate	Aggregate	Diesel	0.059151	0.071573	0.085178	1.023737	0.540569	214.724	0.009513	0.008752	0.001983	0.001753	6966484	4353199	4833.257	3.84E+08
Statewide	2037	Industrial -	Aggregate	Aggregate	Diesel	0.027337	0.033078	0.039366	0.48198	0.20565	125.8932	0.005343	0.004915	0.001163	0.001028	4084467	1189857	1453.841	1.99E+08
Statewide	2037	Light Comn	Aggregate	Aggregate	Diesel	0.018875	0.022496	0.027174	0.250305	0.182823	31.73944	0.001507	0.001589	0.000402	0.000266	1058551	956029.9	1367.889	35373106
Statewide	2037	Light Comn	Aggregate	Aggregate	Diesel	0.091312	0.109486	0.13133	0.852441	0.931839	149.0354	0.015436	0.019554	0.001697	0.001239	4925861	1924641	16787.26	63513165
Statewide	2037	Light Comn	Aggregate	Aggregate	Diesel	0.000433	0.000519	0.000622	0.004264	0.004779	0.77147	8.3E-05	0.000106	8.69E-06	6.28E-06	24983.43	19341.35	500.5096	734971.3
Statewide	2037	Light Comn	Aggregate	Aggregate	Diesel	0.052001	0.062324	0.074796	0.496636	0.51017	82.30488	0.008144	0.010237	0.000946	0.000685	2723197	1004619	8740.329	37170892
Statewide	2037	Light Comn	Aggregate	Aggregate	Diesel	0.096306	0.115	0.138605	1.172028	0.965888	164.7995	0.010316	0.011903	0.002027	0.001378	5480411	3770165	9958.308	1.73E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.016137	0.019526	0.023237	0.331187	0.160112	114.6914	0.003467	0.00319	0.00106	0.000936	3721036	648399.2	1670.884	1.43E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.072995	0.088323	0.105112	0.927307	0.633236	271.2114	0.027833	0.025607	0.002505	0.002214	8799155	2555070	5026.71	5.91E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.170496	0.2063	0.245514	2.373267	1.43484	669.8021	0.057946	0.053311	0.006188	0.005467	21730993	4615208	9259.128	9.79E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.220573	0.266893	0.317625	4.119999	1.554514	1206.798	0.03703	0.034067	0.011151	0.00985	39153226	12499324	17996.29	1.97E+09
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.117774	0.142506	0.169594	1.607671	0.748952	453.36	0.03197	0.029413	0.004188	0.0037	14708765	3692500	5817.882	6.95E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.002288	0.002752	0.003289	0.010096	0.017369	4.03E-05	0.000588	0.000444	2.49E-07	2.15E-07	853.5684	0	139.4537	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.00281	0.00338	0.004039	0.016462	0.021204	5.07E-05	0.000739	0.000558	3.66E-07	3.15E-07	1255.235	0	970.4999	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.001058	0.001264	0.001522	0.012342	0.010866	1.462467	0.000142	0.000114	1.89E-05	1.22E-05	48600.31	35050.95	88.99376	1156681
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.000284	0.000341	0.000408	0.001164	0.002155	4.97E-06	7.25E-05	5.48E-05	2.96E-08	2.55E-08	101.3264	0	40.95552	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.002026	0.002437	0.002913	0.008318	0.0154	3.55E-05	0.000518	0.000391	2.11E-07	1.82E-07	724.136	0	64.37	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.006061	0.00729	0.008713	0.035859	0.045726	0.00011	0.001595	0.001205	7.95E-07	6.85E-07	2725.39	0	626.0375	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.000537	0.000646	0.000772	0.002205	0.004082	9.42E-06	0.000137	0.000104	5.6E-08	4.82E-08	191.9356	0	25.56	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.000901	0.001084	0.001296	0.0037	0.00685	1.58E-05	0.00023	0.000174	9.4E-08	8.1E-08	322.118	0	62.77439	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.001923	0.002313	0.002764	0.012132	0.014485	3.5E-05	0.000509	0.000385	2.64E-07	2.27E-07	903.1757	0	561.42	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.013261	0.01595	0.019062	0.069727	0.100315	0.000237	0.003454	0.00261	1.61E-06	1.39E-06	5518.151	0	1690.601	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.000376	0.000452	0.000541	0.001544	0.002859	6.6E-06	9.62E-05	7.27E-05	3.92E-08	3.38E-08	134.454	0	16.93088	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.030346	0.036496	0.043623	0.194312	0.229926	0.646988	0.007982	0.006034	1.25E-05	8.88E-06	35301.45	12698.35	4932.785	469838.9
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.101452	0.122024	0.145838	0.416486	0.771097	0.00178	0.025931	0.019592	1.06E-05	9.11E-06	36258.64	0	6429.9	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.009735	0.011709	0.013994	0.039965	0.073993	0.000171	0.002488	0.00188	1.02E-06	8.75E-07	3479.324	0	475.0123	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.011812	0.014207	0.01698	0.054391	0.089597	0.000209	0.003044	0.0023	1.32E-06	1.14E-06	4522.144	0	714.0794	0
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.060154	0.072786	0.086622	1.049909	0.462148	255.4043	0.009808	0.009024	0.00236	0.002085	8286312	2930132	4096.799	3.63E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.37469	0.453375	0.539554	3.656769	3.083939	1535.263	0.063756	0.058655	0.014183	0.012531	49809924	6236679	4287.837	2.53E+09
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.077203	0.093416	0.111172	1.214678	0.685221	342.1284	0.022807	0.020982	0.003161	0.002792	11099978	2979688	6200.128	5.13E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.015611	0.01889	0.022481	0.372866	0.138174	80.4449	0.004629	0.004258	0.000743	0.000657	2609946	936242.7	2200.529	1.21E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.009419	0.011397	0.013563	0.205304	0.088613	46.81706	0.002592	0.002385	0.000433	0.000382	1518928	624904.2	1246.805	82214084
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.053582	0.064834	0.077158	1.209789	0.598054	208.6801	0.016342	0.015035	0.001928	0.001703	6770395	4246525	11471.25	3.41E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.033601	0.040657	0.048386	1.329878	0.556678	226.5951	0.008697	0.008002	0.002094	0.001849	7351629	3510462	11556.42	3.53E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.054255	0.065649	0.078128	0.521928	0.46718	133.4535	0.020314	0.018689	0.001232	0.001089	4329753	846837.8	1021.732	2.1E+08

Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.45213	0.547077	0.651067	6.296043	2.378971	1843.421	0.077974	0.071736	0.01703	0.015046	59807772	15815729	14977.85	3.2E+09
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.286806	0.347036	0.413001	3.394901	2.100355	1199.795	0.087488	0.080489	0.011084	0.009793	38926016	4243382	8415.269	1.56E+09
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.0392	0.047432	0.056448	1.324774	0.682496	219.7211	0.008172	0.007518	0.00203	0.001793	7128608	5616144	14985.94	3.67E+08
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.00354	0.004284	0.005098	0.064675	0.040128	25.21959	0.001104	0.001015	0.000233	0.000206	818221.8	199200.3	688.1714	52434102
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.405498	0.490652	0.583917	9.58756	4.342859	1684.042	0.086718	0.07978	0.015558	0.013745	54636883	29109563	45200.92	2.85E+09
Statewide	2038	Constructic	Aggregate	Aggregate	Diesel	0.024519	0.029668	0.035307	0.35419	0.294243	69.30543	0.009768	0.008987	0.00064	0.000566	2248538	1059945	2715.443	83337797
Statewide	2038	Industrial -	Aggregate	Aggregate	Diesel	0.016144	0.019535	0.023248	0.604779	0.354992	106.6707	0.002699	0.002483	0.000986	0.000871	3460813	3331095	10185.18	2.09E+08
Statewide	2038	Industrial -	Aggregate	Aggregate	Diesel	0.122965	0.148788	0.17707	2.876685	1.211777	449.1267	0.027271	0.02509	0.004149	0.003666	14571420	15589498	19106.75	1.4E+09
Statewide	2038	Industrial -	Aggregate	Aggregate	Diesel	0.007929	0.009537	0.011398	0.038686	0.060076	0.000141	0.002053	0.001551	9.18E-07	7.91E-07	3146.408	0	1467.201	0
Statewide	2038	Industrial -	Aggregate	Aggregate	Diesel	0.006316	0.007597	0.009079	0.030723	0.049381	0.000115	0.001682	0.001271	7.3E-07	6.29E-07	2501.666	0	306.7672	0
Statewide	2038	Industrial -	Aggregate	Aggregate	Diesel	0.00163	0.00196	0.002343	0.008666	0.012954	3.05E-05	0.000444	0.000336	1.99E-07	1.72E-07	683.16	0	127.8019	0
Statewide	2038	Industrial -	Aggregate	Aggregate	Diesel	0.059207	0.071641	0.085259	1.033728	0.537176	216.9153	0.009037	0.008314	0.002004	0.00177	7037578	4397624	4864.128	3.88E+08
Statewide	2038	Industrial -	Aggregate	Aggregate	Diesel	0.0271	0.032791	0.039024	0.485958	0.198879	127.178	0.00508	0.004674	0.001175	0.001038	4126149	1202000	1463.127	2.01E+08
Statewide	2038	Light Comn	Aggregate	Aggregate	Diesel	0.018955	0.022591	0.027289	0.251629	0.183391	31.93755	0.00145	0.001538	0.000404	0.000268	1065053	962048.8	1376.449	35595804
Statewide	2038	Light Comn	Aggregate	Aggregate	Diesel	0.091823	0.110098	0.132064	0.857463	0.936237	149.9679	0.015358	0.01951	0.001708	0.001246	4956682	1936730	16892.24	63912095
Statewide	2038	Light Comn	Aggregate	Aggregate	Diesel	0.000436	0.000523	0.000626	0.004292	0.004805	0.776508	8.3E-05	0.000107	8.74E-06	6.31E-06	25112.78	19443.55	503.8594	738854.9
Statewide	2038	Light Comn	Aggregate	Aggregate	Diesel	0.052291	0.062672	0.075213	0.499554	0.512535	82.82537	0.008092	0.010205	0.000952	0.000689	2740394	1010864	8795.724	37401962
Statewide	2038	Light Comn	Aggregate	Aggregate	Diesel	0.096743	0.115522	0.139233	1.178344	0.969317	165.8303	0.010076	0.011696	0.00204	0.001387	5514658	3793901	10020.59	1.75E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.016151	0.019542	0.023257	0.334404	0.159837	115.85	0.003411	0.003138	0.001071	0.000946	3758626	654949.4	1681.438	1.45E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.0721	0.087241	0.103824	0.924251	0.611578	273.9512	0.026923	0.024769	0.002531	0.002236	8888044	2580881	5058.462	5.96E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.167137	0.202236	0.240677	2.370549	1.371069	676.5685	0.055296	0.050872	0.00625	0.005522	21950519	4661831	9317.616	9.89E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.220837	0.267213	0.318005	4.156843	1.530698	1218.989	0.036096	0.033208	0.011264	0.009949	39548752	12625592	18109.97	1.99E+09
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.115662	0.139951	0.166553	1.619059	0.697215	457.9398	0.030401	0.027969	0.00423	0.003738	14857353	3729802	5854.632	7.02E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.002314	0.002784	0.003327	0.010214	0.017569	4.08E-05	0.000595	0.000449	2.52E-07	2.17E-07	863.4938	0	141.086	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.002841	0.003417	0.004084	0.016647	0.021441	5.13E-05	0.000747	0.000565	3.7E-07	3.19E-07	1269.287	0	981.4	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.00107	0.001279	0.00154	0.012484	0.010973	1.478883	0.000141	0.000113	1.92E-05	1.24E-05	49145.92	35496.25	90.03182	1171376
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.000287	0.000345	0.000413	0.001178	0.002182	5.04E-06	7.34E-05	5.54E-05	2.99E-08	2.58E-08	102.5879	0	41.4654	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.002049	0.002465	0.002946	0.008412	0.015575	3.59E-05	0.000524	0.000396	2.14E-07	1.84E-07	732.3483	0	65.1	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.006132	0.007376	0.008815	0.036283	0.046265	0.000111	0.001614	0.00122	8.05E-07	6.93E-07	2757.589	0	633.4352	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.000543	0.000653	0.000781	0.00223	0.004128	9.53E-06	0.000139	0.000105	5.66E-08	4.88E-08	194.1133	0	25.85	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.000911	0.001096	0.00131	0.003742	0.006927	1.6E-05	0.000233	0.000176	9.5E-08	8.19E-08	325.7371	0	63.47968	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.001945	0.002339	0.002796	0.01227	0.014649	3.54E-05	0.000515	0.000389	2.67E-07	2.3E-07	913.4394	0	567.8	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.013408	0.016127	0.019274	0.070504	0.101431	0.00024	0.003492	0.002639	1.63E-06	1.4E-06	5579.605	0	1709.458	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.000383	0.000461	0.000551	0.001573	0.002912	6.72E-06	9.79E-05	7.4E-05	4E-08	3.44E-08	136.9437	0	17.24439	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.030687	0.036906	0.044114	0.196497	0.232502	0.654251	0.008071	0.006101	1.26E-05	8.98E-06	35693.7	12844.35	4988.235	475241
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.102441	0.123214	0.147261	0.420549	0.778619	0.001797	0.026184	0.019783	1.07E-05	9.2E-06	36612.36	0	6492.626	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.009849	0.011846	0.014158	0.040432	0.074858	0.000173	0.002517	0.001902	1.03E-06	8.85E-07	3519.991	0	480.5644	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.011945	0.014367	0.017171	0.054999	0.090603	0.000211	0.003078	0.002326	1.33E-06	1.15E-06	4572.782	0	721.9445	0
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.060495	0.073199	0.087112	1.060065	0.462779	257.9844	0.009633	0.008862	0.002383	0.002106	8370021	2959732	4122.678	3.67E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.373452	0.451877	0.537772	3.678582	3.042571	1550.772	0.060926	0.056052	0.014326	0.012657	50313104	6299682	4314.922	2.55E+09
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.076444	0.092497	0.110079	1.221187	0.667467	345.5845	0.021791	0.020048	0.003193	0.002821	11212110	3009789	6239.293	5.18E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.015538	0.018801	0.022374	0.376385	0.135282	81.25756	0.004451	0.004095	0.000751	0.000663	2636312	945700.7	2214.429	1.22E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.00937	0.011337	0.013492	0.207203	0.087117	47.29	0.002531	0.002329	0.000437	0.000386	1534272	631217	1254.68	83044612
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.052638	0.063692	0.075799	1.219624	0.590167	210.7881	0.015644	0.014393	0.001947	0.00172	6838789	4289423	11543.71	3.45E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.033571	0.040621	0.048342	1.343147	0.555636	228.8842	0.00844	0.007765	0.002115	0.001868	7425895	3545925	11629.42	3.56E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.053634	0.064897	0.077233	0.519098	0.455351	134.8017	0.019743	0.018163	0.001245	0.0011	4373493	855392.5	1028.186	2.12E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.44846	0.542636	0.645782	6.346361	2.268979	1862.043	0.074064	0.068139	0.017202	0.015198	60411951	15975500	15072.46	3.24E+09

Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.281639	0.340784	0.405561	3.298368	2.006254	1211.915	0.083042	0.076399	0.011196	0.009891	39319247	4286249	8468.426	1.57E+09
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.038948	0.047127	0.056085	1.33754	0.682382	221.9407	0.007638	0.007027	0.002051	0.001811	7200621	5672879	15080.61	3.71E+08
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.003494	0.004227	0.005031	0.064273	0.039362	25.47436	0.001043	0.000959	0.000235	0.000208	826487.5	201212.6	692.5184	52963791
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.404941	0.489979	0.583115	9.674422	4.324138	1701.054	0.082978	0.076339	0.015715	0.013884	55188826	29403628	45486.44	2.88E+09
Statewide	2039	Constructic	Aggregate	Aggregate	Diesel	0.024107	0.02917	0.034714	0.356526	0.28987	70.00556	0.009388	0.008637	0.000647	0.000571	2271253	1070653	2732.596	84179676
Statewide	2039	Industrial -	Aggregate	Aggregate	Diesel	0.016227	0.019635	0.023367	0.61079	0.357969	107.7483	0.002638	0.002427	0.000996	0.000879	3495774	3364746	10249.52	2.12E+08
Statewide	2039	Industrial -	Aggregate	Aggregate	Diesel	0.122371	0.148069	0.176215	2.904041	1.199343	453.6637	0.02585	0.023782	0.004191	0.003703	14718621	15746983	19227.44	1.41E+09
Statewide	2039	Industrial -	Aggregate	Aggregate	Diesel	0.007967	0.009582	0.011452	0.038876	0.060359	0.000142	0.002062	0.001558	9.23E-07	7.95E-07	3161.622	0	1474.294	0
Statewide	2039	Industrial -	Aggregate	Aggregate	Diesel	0.006361	0.007651	0.009145	0.030934	0.049734	0.000116	0.001694	0.00128	7.35E-07	6.33E-07	2519.154	0	308.7658	0
Statewide	2039	Industrial -	Aggregate	Aggregate	Diesel	0.00164	0.001972	0.002357	0.00872	0.013032	3.07E-05	0.000447	0.000338	2.01E-07	1.73E-07	687.3432	0	128.594	0
Statewide	2039	Industrial -	Aggregate	Aggregate	Diesel	0.059352	0.071816	0.085467	1.042033	0.53627	219.1066	0.00877	0.008068	0.002024	0.001788	7108671	4442049	4894.854	3.92E+08
Statewide	2039	Industrial -	Aggregate	Aggregate	Diesel	0.027153	0.032855	0.0391	0.489005	0.197114	128.4627	0.004909	0.004516	0.001187	0.001048	4167832	1214142	1472.369	2.03E+08
Statewide	2039	Light Comn	Aggregate	Aggregate	Diesel	0.019095	0.022758	0.02749	0.253383	0.184132	32.13154	0.001413	0.001506	0.000407	0.00027	1071570	967943.5	1384.538	35813910
Statewide	2039	Light Comn	Aggregate	Aggregate	Diesel	0.092402	0.110793	0.132897	0.862913	0.940845	150.875	0.015329	0.019513	0.001718	0.001254	4986649	1948472	16994.34	64299583
Statewide	2039	Light Comn	Aggregate	Aggregate	Diesel	0.000438	0.000526	0.000631	0.004319	0.004831	0.781509	8.31E-05	0.000107	8.8E-06	6.35E-06	25265.18	19582.25	507.2892	744125.5
Statewide	2039	Light Comn	Aggregate	Aggregate	Diesel	0.052625	0.063072	0.075694	0.502762	0.515006	83.32652	0.008069	0.0102	0.000958	0.000693	2756943	1017010	8848.94	37629387
Statewide	2039	Light Comn	Aggregate	Aggregate	Diesel	0.097404	0.116311	0.140185	1.186203	0.973404	166.8351	0.009925	0.011572	0.002052	0.001396	5548161	3816798	10081.12	1.76E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.016141	0.019531	0.023243	0.337641	0.158645	117.0086	0.003348	0.00308	0.001081	0.000955	3796216	661499.5	1691.943	1.46E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.071437	0.086439	0.102869	0.928495	0.598641	276.691	0.026362	0.024253	0.002556	0.002258	8976933	2606693	5090.067	6.02E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.164913	0.199545	0.237475	2.36321	1.320837	683.3348	0.053074	0.048828	0.006313	0.005577	22170046	4708454	9375.831	9.99E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.221362	0.267848	0.318762	4.196261	1.513565	1231.18	0.035463	0.032626	0.011376	0.010049	39944278	12751861	18223.11	2.01E+09
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.114919	0.139052	0.165483	1.632124	0.673356	462.5197	0.029796	0.027412	0.004273	0.003775	15005941	3767104	5891.211	7.09E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.002343	0.002818	0.003368	0.010343	0.017787	4.13E-05	0.000602	0.000455	2.55E-07	2.2E-07	874.3098	0	142.8648	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.002872	0.003455	0.004129	0.016829	0.021675	5.18E-05	0.000755	0.000571	3.74E-07	3.23E-07	1283.153	0	992.13	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.001082	0.001293	0.001557	0.012622	0.011077	1.495301	0.000141	0.000113	1.94E-05	1.25E-05	49669.3	35875.85	91.0914	1183903
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001191	0.002205	5.09E-06	7.42E-05	5.6E-05	3.03E-08	2.61E-08	103.6976	0	41.91393	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.00207	0.00249	0.002976	0.008499	0.015735	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	739.8855	0	65.77	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.006204	0.007463	0.008919	0.036711	0.046809	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2790.033	0	640.8889	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.000549	0.00066	0.000789	0.002253	0.004171	9.63E-06	0.00014	0.000106	5.72E-08	4.93E-08	196.1407	0	26.12	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.000922	0.001109	0.001325	0.003784	0.007005	1.62E-05	0.000236	0.000178	9.61E-08	8.28E-08	329.4134	0	64.1961	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5422	0	574.08	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.013555	0.016303	0.019485	0.071274	0.102539	0.000242	0.00353	0.002667	1.65E-06	1.42E-06	5640.569	0	1728.125	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.000389	0.000468	0.00056	0.001598	0.002959	6.83E-06	9.95E-05	7.52E-05	4.06E-08	3.5E-08	139.1553	0	17.52288	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.031027	0.037316	0.044603	0.198678	0.235073	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.4	13004.95	5043.478	481183.1
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.103422	0.124394	0.14867	0.424573	0.78607	0.001814	0.026435	0.019973	1.08E-05	9.29E-06	36962.74	0	6554.761	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.009965	0.011985	0.014324	0.040907	0.075737	0.000175	0.002547	0.001924	1.04E-06	8.95E-07	3561.332	0	486.2084	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.012079	0.014528	0.017364	0.055611	0.09162	0.000214	0.003113	0.002352	1.35E-06	1.16E-06	4623.866	0	729.8216	0
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.060721	0.073472	0.087438	1.067148	0.461495	260.5645	0.009479	0.008721	0.002407	0.002127	8453729	2989332	4148.436	3.71E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.373524	0.451964	0.537875	3.711248	3.006493	1566.282	0.060228	0.055409	0.01447	0.012784	50816284	6362685	4341.881	2.58E+09
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.075745	0.091652	0.109073	1.230726	0.651549	349.0407	0.020973	0.019295	0.003225	0.002849	11324242	3039889	6278.274	5.24E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.015459	0.018706	0.022262	0.379942	0.131951	82.07021	0.004342	0.003994	0.000758	0.00067	2662678	955158.6	2228.265	1.24E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.009382	0.011352	0.01351	0.209237	0.086547	47.76295	0.002442	0.002247	0.000441	0.00039	1549616	637529.8	1262.519	83875139
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.052239	0.063209	0.075224	1.23039	0.585919	212.8962	0.015223	0.014006	0.001967	0.001738	6907184	4332322	11615.83	3.48E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.033734	0.040819	0.048577	1.356488	0.557966	231.1732	0.008249	0.007589	0.002136	0.001887	7500161	3581388	11702.08	3.6E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.05235	0.063344	0.075384	0.499222	0.43581	136.1498	0.018598	0.01711	0.001257	0.001111	4417232	863947.3	1034.61	2.14E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.446739	0.540554	0.643304	6.398057	2.189604	1880.666	0.071627	0.065896	0.017374	0.01535	61016129	16135271	15166.63	3.27E+09
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.279838	0.338604	0.402967	3.28059	1.950351	1224.035	0.080896	0.074424	0.011308	0.00999	39712478	4329116	8521.335	1.59E+09

Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.038785	0.04693	0.05585	1.350403	0.68279	224.1603	0.007283	0.006701	0.002071	0.00183	7272634	5729613	15174.83	3.75E+08
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.003507	0.004243	0.00505	0.064912	0.038473	25.72913	0.001034	0.000951	0.000238	0.00021	834753.2	203225	696.8451	53493481
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.405179	0.490267	0.583458	9.767665	4.316721	1718.066	0.081067	0.074581	0.015872	0.014023	55740768	29697694	45770.63	2.91E+09
Statewide	2040	Constructic	Aggregate	Aggregate	Diesel	0.023797	0.028795	0.034268	0.359007	0.286467	70.70568	0.009042	0.008318	0.000653	0.000577	2293968	1081360	2749.669	85021555
Statewide	2040	Industrial -	Aggregate	Aggregate	Diesel	0.016353	0.019787	0.023549	0.616874	0.360916	108.8259	0.002632	0.002421	0.001006	0.000888	3530736	3398396	10313.55	2.14E+08
Statewide	2040	Industrial -	Aggregate	Aggregate	Diesel	0.122335	0.148025	0.176162	2.93208	1.194453	458.2008	0.024992	0.022992	0.004233	0.00374	14865821	15904468	19347.57	1.42E+09
Statewide	2040	Industrial -	Aggregate	Aggregate	Diesel	0.007996	0.009618	0.011494	0.039025	0.060583	0.000142	0.00207	0.001564	9.26E-07	7.98E-07	3173.588	0	1479.874	0
Statewide	2040	Industrial -	Aggregate	Aggregate	Diesel	0.006402	0.0077	0.009203	0.031126	0.050049	0.000117	0.001704	0.001288	7.4E-07	6.37E-07	2534.943	0	310.632	0
Statewide	2040	Industrial -	Aggregate	Aggregate	Diesel	0.001653	0.001988	0.002376	0.008789	0.013138	3.09E-05	0.000451	0.00034	2.02E-07	1.74E-07	692.8684	0	129.6162	0
Statewide	2040	Industrial -	Aggregate	Aggregate	Diesel	0.05922	0.071656	0.085277	1.05159	0.532694	221.2979	0.008468	0.007791	0.002044	0.001806	7179765	4486474	4925.436	3.96E+08
Statewide	2040	Industrial -	Aggregate	Aggregate	Diesel	0.027192	0.032902	0.039156	0.493462	0.195795	129.7475	0.004777	0.004395	0.001199	0.001059	4209514	1226285	1481.569	2.05E+08
Statewide	2040	Light Comn	Aggregate	Aggregate	Diesel	0.019248	0.022941	0.027711	0.255194	0.184952	32.31584	0.001391	0.001487	0.000409	0.000271	1077766	973393	1392.638	36015539
Statewide	2040	Light Comn	Aggregate	Aggregate	Diesel	0.092977	0.111482	0.133725	0.868239	0.945462	151.7344	0.015337	0.019551	0.001728	0.001261	5015107	1959583	17091.1	64666232
Statewide	2040	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004854	0.785798	8.32E-05	0.000107	8.85E-06	6.38E-06	25376.21	19658.9	509.9087	747038.2
Statewide	2040	Light Comn	Aggregate	Aggregate	Diesel	0.052959	0.063472	0.076174	0.505909	0.517497	83.80092	0.008067	0.010214	0.000964	0.000697	2772723	1022818	8899.206	37844251
Statewide	2040	Light Comn	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141174	1.194069	0.97774	167.7854	0.00984	0.011507	0.002064	0.001403	5579766	3838687	10138.74	1.77E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.016157	0.01955	0.023266	0.340557	0.157281	118.1672	0.003245	0.002985	0.001092	0.000964	3833806	668049.6	1702.4	1.48E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.070908	0.085798	0.102107	0.927272	0.585173	279.4307	0.025557	0.023513	0.002581	0.002281	9065823	2632504	5121.525	6.08E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.164298	0.198801	0.236589	2.37314	1.293945	690.1012	0.051877	0.047727	0.006375	0.005633	22389573	4755077	9433.776	1.01E+09
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.22206	0.268693	0.319767	4.235598	1.503663	1243.371	0.03458	0.031814	0.011489	0.010148	40339804	12878129	18335.74	2.03E+09
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.114528	0.138579	0.16492	1.64624	0.649704	467.0995	0.028312	0.026047	0.004315	0.003812	15154529	3804405	5927.62	7.16E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.002345	0.00282	0.003371	0.010348	0.017801	4.13E-05	0.000602	0.000455	2.55E-07	2.2E-07	874.8487	0	142.9365	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.002872	0.003455	0.004129	0.016828	0.021674	5.18E-05	0.000755	0.000571	3.74E-07	3.22E-07	1283.099	0	992.06	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.001076	0.001286	0.001549	0.012598	0.011033	1.495301	0.00014	0.000112	1.94E-05	1.25E-05	49667.22	35875.85	90.65707	1183903
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.00119	0.002203	5.08E-06	7.41E-05	5.6E-05	3.02E-08	2.6E-08	103.5788	0	41.86592	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.00249	0.002976	0.0085	0.015737	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	739.998	0	65.78	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.006205	0.007463	0.008919	0.036709	0.046811	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2790.009	0	640.8805	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.00055	0.000661	0.00079	0.002257	0.004179	9.65E-06	0.000141	0.000106	5.73E-08	4.94E-08	196.5162	0	26.17	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.000919	0.001105	0.001321	0.003773	0.006986	1.61E-05	0.000235	0.000177	9.58E-08	8.26E-08	328.4894	0	64.01604	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.51	0	574.06	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.013505	0.016243	0.019413	0.070992	0.102162	0.000241	0.003517	0.002658	1.64E-06	1.41E-06	5618.799	0	1720.933	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.000387	0.000465	0.000556	0.001589	0.002941	6.79E-06	9.89E-05	7.47E-05	4.04E-08	3.48E-08	138.3096	0	17.41638	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044603	0.198679	0.235074	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.49	13004.95	5043.51	481183.1
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.103054	0.123951	0.148141	0.423062	0.783272	0.001808	0.02634	0.019902	1.07E-05	9.26E-06	36831.15	0	6531.426	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.009962	0.011982	0.01432	0.040895	0.075715	0.000175	0.002546	0.001924	1.04E-06	8.95E-07	3560.295	0	486.0668	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.011589	0.013939	0.01666	0.053223	0.08791	0.000205	0.002986	0.002256	1.29E-06	1.11E-06	4429.595	0	693.6566	0
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.061155	0.073998	0.088063	1.077553	0.463575	263.1446	0.00944	0.008685	0.002431	0.002148	8537438	3018932	4174.074	3.74E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.374682	0.453365	0.539542	3.743941	2.993132	1581.791	0.059496	0.054736	0.014613	0.01291	51319465	6425688	4368.715	2.6E+09
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.075231	0.091029	0.108332	1.23754	0.639818	352.4969	0.020097	0.018489	0.003257	0.002877	11436374	3069990	6317.076	5.29E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.015439	0.018682	0.022233	0.383623	0.129115	82.88287	0.004252	0.003912	0.000766	0.000676	2689043	964616.5	2242.036	1.25E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.009397	0.011371	0.013532	0.211266	0.086309	48.23589	0.002363	0.002174	0.000446	0.000394	1564960	643842.6	1270.322	84705667
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.051919	0.062822	0.074763	1.240921	0.583751	215.0043	0.014798	0.013614	0.001986	0.001755	6975578	4375220	11687.62	3.51E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.033861	0.040971	0.048759	1.369824	0.558743	233.4623	0.007839	0.007212	0.002157	0.001905	7574428	3616851	11774.4	3.63E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.050895	0.061582	0.073288	0.489419	0.416531	137.498	0.017032	0.01567	0.00127	0.001122	4460971	872502.1	1041.004	2.16E+08
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.446937	0.540794	0.643589	6.45248	2.135739	1899.288	0.069275	0.063733	0.017546	0.015502	61620308	16295041	15260.36	3.3E+09
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.278342	0.336794	0.400813	3.25425	1.912166	1236.156	0.078577	0.072291	0.011421	0.010089	40105709	4371982	8573.999	1.61E+09
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.038885	0.047051	0.055994	1.36348	0.686061	226.3799	0.007035	0.006472	0.002092	0.001848	7344647	5786347	15268.61	3.78E+08

Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.003506	0.004243	0.005049	0.065554	0.037664	25.9839	0.00099	0.000911	0.00024	0.000212	843018.9	205237.3	701.1518	54023171
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.406364	0.491701	0.585165	9.857434	4.323713	1735.078	0.079274	0.072932	0.016029	0.014161	56292710	29991759	46053.5	2.94E+09
Statewide	2041	Constructic	Aggregate	Aggregate	Diesel	0.023504	0.02844	0.033845	0.36109	0.284309	71.4058	0.008687	0.007992	0.000659	0.000583	2316683	1092068	2766.663	85863434
Statewide	2041	Industrial -	Aggregate	Aggregate	Diesel	0.016459	0.019915	0.0237	0.622938	0.36382	109.9035	0.002525	0.002323	0.001016	0.000897	3565697	3432047	10377.3	2.16E+08
Statewide	2041	Industrial -	Aggregate	Aggregate	Diesel	0.122496	0.14822	0.176395	2.960283	1.192061	462.7379	0.024136	0.022205	0.004275	0.003777	15013022	16061954	19467.14	1.44E+09
Statewide	2041	Industrial -	Aggregate	Aggregate	Diesel	0.007951	0.009563	0.011429	0.038806	0.060239	0.000141	0.002058	0.001555	9.21E-07	7.93E-07	3155.674	0	1471.52	0
Statewide	2041	Industrial -	Aggregate	Aggregate	Diesel	0.006365	0.007656	0.00915	0.030948	0.049763	0.000116	0.001695	0.00128	7.35E-07	6.33E-07	2520.422	0	308.8477	0
Statewide	2041	Industrial -	Aggregate	Aggregate	Diesel	0.001627	0.001957	0.002339	0.008643	0.012932	3.04E-05	0.000443	0.000335	1.99E-07	1.71E-07	681.6238	0	127.428	0
Statewide	2041	Industrial -	Aggregate	Aggregate	Diesel	0.05953	0.072031	0.085723	1.061642	0.534346	223.4891	0.008271	0.00761	0.002064	0.001824	7250859	4530899	4955.877	4E+08
Statewide	2041	Industrial -	Aggregate	Aggregate	Diesel	0.027301	0.033034	0.039314	0.498051	0.195223	131.0322	0.004795	0.004412	0.001211	0.001069	4251196	1238427	1490.725	2.07E+08
Statewide	2041	Light Comn	Aggregate	Aggregate	Diesel	0.01925	0.022942	0.027713	0.255199	0.184961	32.31697	0.001392	0.001487	0.000409	0.000271	1077803	973393	1392.738	36015539
Statewide	2041	Light Comn	Aggregate	Aggregate	Diesel	0.092977	0.111482	0.133725	0.86824	0.945461	151.7343	0.015338	0.019551	0.001728	0.001261	5015104	1959583	17091.15	64666232
Statewide	2041	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004854	0.785795	8.32E-05	0.000107	8.85E-06	6.38E-06	25376.1	19658.9	509.919	747038.2
Statewide	2041	Light Comn	Aggregate	Aggregate	Diesel	0.052959	0.063472	0.076174	0.505912	0.5175	83.80132	0.008067	0.010215	0.000964	0.000697	2772736	1022818	8899.336	37844251
Statewide	2041	Light Comn	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141174	1.194068	0.977742	167.7856	0.00984	0.011508	0.002064	0.001403	5579772	3838687	10138.66	1.77E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.016215	0.019621	0.02335	0.343847	0.156926	119.3258	0.003201	0.002945	0.001103	0.000974	3871395	674599.8	1712.809	1.49E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.070594	0.085419	0.101656	0.93243	0.573451	282.1705	0.024945	0.02295	0.002607	0.002303	9154712	2658315	5152.838	6.14E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.163641	0.198005	0.235643	2.386901	1.268391	696.8675	0.050113	0.046104	0.006438	0.005688	22609099	4801699	9491.455	1.02E+09
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.223109	0.269962	0.321277	4.273732	1.500398	1255.562	0.033994	0.031274	0.011602	0.010248	40735331	13004397	18447.85	2.05E+09
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.113974	0.137908	0.164122	1.659673	0.627499	471.6794	0.027157	0.024984	0.004357	0.00385	15303117	3841707	5963.862	7.23E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.002346	0.002822	0.003373	0.01035	0.017812	4.14E-05	0.000603	0.000455	2.55E-07	2.2E-07	875.1546	0	142.9533	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.002872	0.003454	0.004129	0.016827	0.021673	5.18E-05	0.000755	0.000571	3.74E-07	3.22E-07	1283.043	0	992.06	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.00107	0.001279	0.00154	0.012575	0.01099	1.495301	0.000138	0.000111	1.94E-05	1.25E-05	49665.2	35875.85	90.23331	1183903
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000418	0.001192	0.002207	5.1E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.8004	0	41.95551	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008501	0.01574	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.1105	0	65.79	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.006203	0.007461	0.008917	0.036702	0.0468	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2789.422	0	640.7463	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.00055	0.000661	0.00079	0.002257	0.004179	9.65E-06	0.000141	0.000106	5.73E-08	4.94E-08	196.5162	0	26.17	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.000915	0.001101	0.001316	0.003758	0.006957	1.61E-05	0.000234	0.000177	9.55E-08	8.22E-08	327.1294	0	63.75101	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.001967	0.002365	0.002827	0.012408	0.014813	3.58E-05	0.000521	0.000394	2.7E-07	2.32E-07	923.6549	0	574.15	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.013454	0.016182	0.019341	0.070709	0.10178	0.000241	0.003504	0.002648	1.63E-06	1.41E-06	5596.867	0	1713.756	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.000383	0.000461	0.000551	0.001573	0.002912	6.72E-06	9.79E-05	7.4E-05	3.99E-08	3.44E-08	136.9064	0	17.2397	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.031027	0.037315	0.044603	0.198676	0.235071	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.28	13004.95	5043.435	481183.1
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.102713	0.123542	0.147652	0.421665	0.780686	0.001802	0.026254	0.019836	1.07E-05	9.23E-06	36709.56	0	6509.864	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.009955	0.011974	0.014311	0.040868	0.075664	0.000175	0.002545	0.001923	1.04E-06	8.94E-07	3557.908	0	485.741	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.011098	0.013348	0.015953	0.050857	0.084185	0.000196	0.002859	0.00216	1.24E-06	1.06E-06	4236.196	0	658.858	0
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.061481	0.074392	0.088532	1.087366	0.464786	265.7247	0.009276	0.008534	0.002455	0.002169	8621146	3048532	4199.595	3.78E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.37625	0.455262	0.5418	3.774574	2.98665	1597.3	0.058663	0.05397	0.014757	0.013037	51822645	6488691	4395.426	2.63E+09
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.075352	0.091176	0.108507	1.249182	0.63591	355.9531	0.019765	0.018184	0.003289	0.002905	11548506	3100091	6355.699	5.34E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.015494	0.018747	0.022311	0.387345	0.128872	83.69552	0.003997	0.003678	0.000773	0.000683	2715409	974074.5	2255.744	1.26E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.009376	0.011345	0.013502	0.213037	0.085727	48.70884	0.002272	0.00209	0.00045	0.000398	1580305	650155.4	1278.089	85536194
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.051815	0.062696	0.074613	1.250591	0.582238	217.1124	0.014337	0.01319	0.002006	0.001772	7043973	4418119	11759.08	3.55E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.034063	0.041216	0.049051	1.383202	0.560832	235.7514	0.007741	0.007122	0.002179	0.001924	7648694	3652313	11846.39	3.67E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.050606	0.061233	0.072872	0.48296	0.407737	138.8461	0.016539	0.015216	0.001282	0.001133	4504710	881056.8	1047.369	2.18E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.447502	0.541478	0.644403	6.506615	2.095336	1917.91	0.066708	0.061371	0.017719	0.015654	62224487	16454812	15353.67	3.33E+09
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.276691	0.334796	0.398435	3.185865	1.861968	1248.276	0.075652	0.0696	0.011533	0.010188	40498940	4414849	8626.422	1.62E+09
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.038943	0.047121	0.056078	1.376548	0.688985	228.5996	0.006713	0.006176	0.002112	0.001866	7416661	5843082	15361.97	3.82E+08
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.00352	0.004259	0.005069	0.066194	0.037408	26.23866	0.000992	0.000913	0.000242	0.000214	851284.6	207249.6	705.4388	54552861

Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.407777	0.49341	0.587198	9.94983	4.334346	1752.091	0.077569	0.071364	0.016187	0.0143	56844652	30285824	46335.08	2.97E+09
Statewide	2042	Constructic	Aggregate	Aggregate	Diesel	0.023052	0.027893	0.033195	0.357069	0.278817	72.10593	0.008149	0.007497	0.000666	0.000589	2339397	1102776	2783.578	86705314
Statewide	2042	Industrial -	Aggregate	Aggregate	Diesel	0.016554	0.02003	0.023837	0.628865	0.366533	110.981	0.002458	0.002262	0.001026	0.000906	3600658	3465698	10440.74	2.18E+08
Statewide	2042	Industrial -	Aggregate	Aggregate	Diesel	0.122617	0.148367	0.176569	2.986149	1.19034	467.275	0.023179	0.021324	0.004317	0.003814	15160223	16219439	19586.17	1.45E+09
Statewide	2042	Industrial -	Aggregate	Aggregate	Diesel	0.007923	0.00953	0.01139	0.038675	0.060031	0.000141	0.002051	0.00155	9.18E-07	7.9E-07	3144.967	0	1466.527	0
Statewide	2042	Industrial -	Aggregate	Aggregate	Diesel	0.006337	0.007622	0.009109	0.03081	0.04954	0.000116	0.001687	0.001275	7.32E-07	6.31E-07	2509.158	0	307.4786	0
Statewide	2042	Industrial -	Aggregate	Aggregate	Diesel	0.001602	0.001927	0.002303	0.008501	0.01273	3E-05	0.000436	0.00033	1.96E-07	1.69E-07	670.6391	0	125.3069	0
Statewide	2042	Industrial -	Aggregate	Aggregate	Diesel	0.059757	0.072306	0.08605	1.071552	0.537878	225.6804	0.008119	0.00747	0.002085	0.001842	7321953	4575323	4986.177	4.04E+08
Statewide	2042	Industrial -	Aggregate	Aggregate	Diesel	0.027322	0.03306	0.039344	0.502409	0.19328	132.317	0.004584	0.004217	0.001223	0.00108	4292879	1250570	1499.84	2.09E+08
Statewide	2042	Light Comn	Aggregate	Aggregate	Diesel	0.019248	0.02294	0.02771	0.25519	0.184947	32.3152	0.001391	0.001486	0.000409	0.000271	1077745	973393	1392.578	36015539
Statewide	2042	Light Comn	Aggregate	Aggregate	Diesel	0.092976	0.111481	0.133723	0.868233	0.945454	151.7334	0.015338	0.019551	0.001728	0.001261	5015072	1959583	17090.93	64666232
Statewide	2042	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004853	0.785637	8.32E-05	0.000107	8.85E-06	6.38E-06	25370.94	19658.9	509.7888	747038.2
Statewide	2042	Light Comn	Aggregate	Aggregate	Diesel	0.052961	0.063474	0.076176	0.505918	0.51751	83.8027	0.008067	0.010215	0.000964	0.000697	2772781	1022818	8899.446	37844251
Statewide	2042	Light Comn	Aggregate	Aggregate	Diesel	0.098095	0.117136	0.141179	1.194086	0.977769	167.7893	0.009841	0.011509	0.002064	0.001403	5579892	3838687	10139.15	1.77E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.016278	0.019696	0.02344	0.347143	0.157024	120.4845	0.003132	0.002882	0.001113	0.000983	3908985	681149.9	1723.17	1.51E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.069891	0.084568	0.100642	0.929041	0.560507	284.9103	0.02387	0.021961	0.002632	0.002325	9243601	2684127	5184.01	6.2E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.162727	0.196899	0.234327	2.395382	1.244424	703.6339	0.047813	0.043988	0.006501	0.005743	22828626	4848322	9548.873	1.03E+09
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.224228	0.271315	0.322888	4.314244	1.499734	1267.753	0.033098	0.03045	0.011714	0.010347	41130857	13130665	18559.44	2.07E+09
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.113522	0.137362	0.163472	1.672605	0.61128	476.2592	0.025522	0.02348	0.0044	0.003887	15451705	3879009	5999.94	7.3E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.002348	0.002824	0.003375	0.010352	0.017822	4.14E-05	0.000603	0.000456	2.55E-07	2.2E-07	875.46	0	142.9765	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021682	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.515	0	992.2699	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.001065	0.001272	0.001533	0.012553	0.01095	1.495301	0.000137	0.00011	1.94E-05	1.25E-05	49663.31	35875.85	89.83819	1183903
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000418	0.001192	0.002208	5.1E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.803	0	41.95657	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.002492	0.002978	0.008504	0.015744	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.3355	0	65.81	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.006202	0.00746	0.008916	0.036694	0.046792	0.000112	0.001633	0.001234	8.14E-07	7.01E-07	2788.858	0	640.6158	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.002258	0.004181	9.65E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.5913	0	26.18	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.000911	0.001096	0.00131	0.00374	0.006924	1.6E-05	0.000233	0.000176	9.5E-08	8.18E-08	325.5913	0	63.45126	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.001967	0.002365	0.002827	0.012407	0.014812	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.6066	0	574.12	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.013408	0.016126	0.019274	0.070445	0.101429	0.00024	0.003492	0.002638	1.63E-06	1.4E-06	5576.518	0	1707.001	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.000378	0.000455	0.000544	0.001553	0.002875	6.64E-06	9.67E-05	7.3E-05	3.94E-08	3.4E-08	135.1795	0	17.02223	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.031027	0.037316	0.044603	0.198678	0.235073	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.39	13004.95	5043.476	481183.1
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.102402	0.123167	0.147205	0.420388	0.778322	0.001797	0.026174	0.019776	1.07E-05	9.2E-06	36598.38	0	6490.148	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.009952	0.01197	0.014306	0.040855	0.07564	0.000175	0.002544	0.001922	1.04E-06	8.94E-07	3556.74	0	485.5815	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.010783	0.01297	0.015501	0.049511	0.081798	0.000191	0.002778	0.002099	1.2E-06	1.04E-06	4121.032	0	644.8382	0
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.061629	0.074571	0.088745	1.096743	0.466187	268.3048	0.008961	0.008244	0.002479	0.00219	8704854	3078133	4225	3.82E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.377851	0.4572	0.544106	3.806891	2.972062	1612.809	0.057158	0.052586	0.0149	0.013164	52325825	6551694	4422.016	2.65E+09
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.07506	0.090823	0.108087	1.256275	0.6291	359.4093	0.019021	0.017499	0.003321	0.002933	11660638	3130192	6394.148	5.39E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.015441	0.018684	0.022235	0.390975	0.127919	84.50818	0.003786	0.003483	0.000781	0.00069	2741775	983532.4	2269.39	1.27E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.009354	0.011318	0.01347	0.215056	0.085488	49.18179	0.002175	0.002001	0.000454	0.000401	1595649	656468.1	1285.821	86366722
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.051444	0.062247	0.074079	1.261558	0.580247	219.2205	0.013601	0.012513	0.002025	0.001789	7112368	4461017	11830.21	3.58E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.034005	0.041146	0.048967	1.396229	0.562277	238.0404	0.00733	0.006744	0.0022	0.001943	7722960	3687776	11918.06	3.71E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.04988	0.060355	0.071827	0.477952	0.400014	140.1943	0.015757	0.014496	0.001295	0.001144	4548449	889611.6	1053.705	2.21E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.449383	0.543754	0.647112	6.566079	2.074506	1936.533	0.065025	0.059823	0.017891	0.015806	62828665	16614582	15446.55	3.36E+09
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.276687	0.334792	0.39843	3.182621	1.832589	1260.396	0.073658	0.067765	0.011645	0.010287	40892171	4457716	8678.607	1.64E+09
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.039011	0.047203	0.056176	1.389554	0.692813	230.8192	0.006398	0.005886	0.002133	0.001884	7488674	5899816	15454.9	3.86E+08
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.00351	0.004248	0.005055	0.066825	0.036998	26.49343	0.000975	0.000897	0.000245	0.000216	859550.2	209261.9	709.7062	55082551
Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.408517	0.494305	0.588264	10.04093	4.345929	1769.103	0.074969	0.068972	0.016344	0.014439	57396595	30579889	46615.38	3E+09

Statewide	2043	Constructic	Aggregate	Aggregate	Diesel	0.022887	0.027693	0.032957	0.359866	0.275702	72.80605	0.007812	0.007187	0.000672	0.000594	2362112	1113483	2800.417	87547193
Statewide	2043	Industrial -	Aggregate	Aggregate	Diesel	0.016644	0.020139	0.023967	0.634885	0.369428	112.0586	0.002364	0.002175	0.001036	0.000915	3635619	3499349	10503.9	2.2E+08
Statewide	2043	Industrial -	Aggregate	Aggregate	Diesel	0.122791	0.148578	0.17682	3.013711	1.190397	471.8121	0.022024	0.020262	0.004358	0.003851	15307423	16376924	19704.65	1.47E+09
Statewide	2043	Industrial -	Aggregate	Aggregate	Diesel	0.007906	0.009509	0.011364	0.038591	0.059897	0.00014	0.002047	0.001546	9.16E-07	7.89E-07	3138.067	0	1463.309	0
Statewide	2043	Industrial -	Aggregate	Aggregate	Diesel	0.006321	0.007602	0.009086	0.030745	0.049417	0.000116	0.001683	0.001271	7.3E-07	6.29E-07	2503.465	0	306.977	0
Statewide	2043	Industrial -	Aggregate	Aggregate	Diesel	0.001584	0.001906	0.002278	0.008419	0.012592	2.96E-05	0.000432	0.000326	1.94E-07	1.67E-07	663.8194	0	124.1333	0
Statewide	2043	Industrial -	Aggregate	Aggregate	Diesel	0.060025	0.07263	0.086436	1.081524	0.540262	227.8717	0.007903	0.007271	0.002105	0.00186	7393046	4619748	5016.341	4.07E+08
Statewide	2043	Industrial -	Aggregate	Aggregate	Diesel	0.02746	0.033226	0.039542	0.504764	0.192686	133.6017	0.004497	0.004137	0.001234	0.00109	4334561	1262713	1508.913	2.12E+08
Statewide	2043	Light Comn	Aggregate	Aggregate	Diesel	0.019248	0.022941	0.027711	0.255193	0.184952	32.31584	0.001391	0.001487	0.000409	0.000271	1077766	973393	1392.608	36015539
Statewide	2043	Light Comn	Aggregate	Aggregate	Diesel	0.092978	0.111483	0.133726	0.86824	0.945466	151.735	0.015338	0.019552	0.001728	0.001261	5015124	1959583	17091.13	64666232
Statewide	2043	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004853	0.785631	8.32E-05	0.000107	8.85E-06	6.38E-06	25370.74	19658.9	509.7689	747038.2
Statewide	2043	Light Comn	Aggregate	Aggregate	Diesel	0.05296	0.063472	0.076174	0.505913	0.517501	83.80151	0.008067	0.010215	0.000964	0.000697	2772742	1022818	8899.366	37844251
Statewide	2043	Light Comn	Aggregate	Aggregate	Diesel	0.098093	0.117133	0.141176	1.194074	0.977752	167.7869	0.00984	0.011508	0.002064	0.001403	5579815	3838687	10138.82	1.77E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.016359	0.019795	0.023557	0.350452	0.156528	121.6431	0.003095	0.002848	0.001124	0.000993	3946575	687700	1733.485	1.52E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.068978	0.083464	0.099329	0.928894	0.545878	287.6501	0.022825	0.020999	0.002657	0.002348	9332490	2709938	5215.041	6.26E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.161439	0.195342	0.232473	2.408592	1.220351	710.4002	0.0457	0.042044	0.006563	0.005798	23048153	4894945	9606.032	1.04E+09
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.225507	0.272863	0.324729	4.351054	1.499758	1279.944	0.032749	0.030129	0.011827	0.010447	41526383	13256934	18670.54	2.09E+09
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.11328	0.137068	0.163123	1.686076	0.595724	480.839	0.024925	0.022931	0.004442	0.003925	15600293	3916310	6035.855	7.37E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.002347	0.002823	0.003374	0.010353	0.017819	4.14E-05	0.000603	0.000456	2.55E-07	2.2E-07	875.4315	0	142.9912	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021681	5.19E-05	0.000756	0.000571	3.74E-07	3.23E-07	1283.476	0	992.32	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.00106	0.001266	0.001525	0.012531	0.010908	1.495301	0.000135	0.000109	1.94E-05	1.25E-05	49661.34	35875.85	89.42644	1183903
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001191	0.002205	5.09E-06	7.42E-05	5.6E-05	3.03E-08	2.61E-08	103.6857	0	41.90914	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.002072	0.002492	0.002979	0.008506	0.015749	3.64E-05	0.00053	0.0004	2.16E-07	1.86E-07	740.5605	0	65.83001	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.006201	0.007459	0.008915	0.036689	0.046786	0.000112	0.001632	0.001233	8.14E-07	7.01E-07	2788.469	0	640.5249	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.000551	0.000663	0.000792	0.002262	0.004189	9.67E-06	0.000141	0.000106	5.75E-08	4.95E-08	196.9668	0	26.23	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.000908	0.001093	0.001306	0.003729	0.006905	1.59E-05	0.000232	0.000175	9.47E-08	8.16E-08	324.6743	0	63.27256	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5262	0	574.07	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.013369	0.01608	0.019218	0.070258	0.101134	0.000239	0.003482	0.002631	1.62E-06	1.4E-06	5561.226	0	1702.791	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.000374	0.00045	0.000537	0.001535	0.002842	6.56E-06	9.56E-05	7.22E-05	3.9E-08	3.36E-08	133.6205	0	16.82592	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.198679	0.235075	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.51	13004.95	5043.515	481183.1
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.102146	0.122859	0.146837	0.419337	0.776376	0.001792	0.026109	0.019726	1.07E-05	9.18E-06	36506.9	0	6473.924	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.009949	0.011967	0.014302	0.040844	0.07562	0.000175	0.002543	0.001921	1.04E-06	8.94E-07	3555.805	0	485.4538	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.010725	0.0129	0.015418	0.049288	0.081357	0.00019	0.002764	0.002088	1.2E-06	1.03E-06	4101.071	0	643.5077	0
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.061913	0.074914	0.089154	1.106821	0.468531	270.8849	0.008751	0.008051	0.002503	0.002211	8788563	3107733	4250.291	3.85E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.379831	0.459596	0.546957	3.835614	2.968255	1628.319	0.056431	0.051917	0.015043	0.01329	52829006	6614697	4448.486	2.68E+09
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.074837	0.090553	0.107766	1.264185	0.621642	362.8655	0.018329	0.016863	0.003353	0.002962	11772770	3160293	6432.422	5.44E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.015404	0.018638	0.022181	0.394663	0.127384	85.32083	0.003547	0.003263	0.000788	0.000696	2768140	992990.3	2282.974	1.29E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.009291	0.011242	0.013378	0.217048	0.084769	49.65473	0.002067	0.001902	0.000459	0.000405	1610993	662780.9	1293.518	87197249
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.051143	0.061883	0.073645	1.272399	0.581116	221.3286	0.013109	0.01206	0.002045	0.001806	7180762	4503916	11901.03	3.62E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.034067	0.041221	0.049057	1.409547	0.563804	240.3295	0.007199	0.006624	0.002221	0.001962	7797226	3723239	11989.4	3.74E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.048684	0.058908	0.070105	0.467437	0.382781	141.5424	0.014783	0.0136	0.001307	0.001155	4592189	898166.3	1060.012	2.23E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.451137	0.545876	0.649637	6.626575	2.047985	1955.155	0.06338	0.05831	0.018063	0.015958	63432844	16774353	15539.01	3.4E+09
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.275716	0.333617	0.397031	3.139054	1.78718	1272.517	0.071173	0.065479	0.011757	0.010386	41285402	4500582	8730.556	1.65E+09
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.039101	0.047312	0.056305	1.40262	0.697388	233.0388	0.006166	0.005673	0.002153	0.001902	7560687	5956550	15547.41	3.9E+08
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.003506	0.004242	0.005048	0.067464	0.036519	26.7482	0.000961	0.000884	0.000247	0.000218	867815.9	211274.2	713.9545	55612240
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.409499	0.495493	0.589678	10.12322	4.360282	1786.115	0.072713	0.066896	0.016501	0.014578	57948537	30873954	46894.42	3.03E+09
Statewide	2044	Constructic	Aggregate	Aggregate	Diesel	0.022499	0.027224	0.032399	0.361647	0.273106	73.50618	0.007459	0.006862	0.000679	0.0006	2384827	1124191	2817.18	88389072

Statewide	2044	Industrial - Aggregate	Aggregate	Diesel	0.016706	0.020214	0.024057	0.640908	0.372051	113.1362	0.002317	0.002132	0.001045	0.000923	3670580	3532999	10566.78	2.22E+08
Statewide	2044	Industrial - Aggregate	Aggregate	Diesel	0.122772	0.148554	0.176791	3.041204	1.191938	476.3492	0.021122	0.019432	0.0044	0.003888	15454624	16534409	19822.6	1.48E+09
Statewide	2044	Industrial - Aggregate	Aggregate	Diesel	0.007893	0.009494	0.011346	0.038538	0.059802	0.00014	0.002043	0.001544	9.14E-07	7.88E-07	3133.472	0	1461.166	0
Statewide	2044	Industrial - Aggregate	Aggregate	Diesel	0.006321	0.007602	0.009086	0.030752	0.04942	0.000116	0.001683	0.001272	7.31E-07	6.29E-07	2503.834	0	307.1115	0
Statewide	2044	Industrial - Aggregate	Aggregate	Diesel	0.00158	0.0019	0.002271	0.0084	0.012556	2.96E-05	0.000431	0.000325	1.93E-07	1.66E-07	662.1644	0	123.875	0
Statewide	2044	Industrial - Aggregate	Aggregate	Diesel	0.060327	0.072996	0.086871	1.091426	0.543815	230.063	0.007778	0.007156	0.002125	0.001878	7464140	4664173	5046.368	4.11E+08
Statewide	2044	Industrial - Aggregate	Aggregate	Diesel	0.027611	0.033409	0.039759	0.507617	0.192655	134.8865	0.004393	0.004042	0.001246	0.001101	4376244	1274855	1517.945	2.14E+08
Statewide	2044	Light Comn	Aggregate	Aggregate	Diesel	0.019248	0.02294	0.02771	0.25519	0.184947	32.31511	0.001391	0.001486	0.000409	0.000271	1077742	973393	1392.568	36015539
Statewide	2044	Light Comn	Aggregate	Aggregate	Diesel	0.092979	0.111485	0.133728	0.868247	0.945476	151.7363	0.015339	0.019552	0.001728	0.001261	5015169	1959583	17091.34	64666232
Statewide	2044	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004853	0.785685	8.32E-05	0.000107	8.85E-06	6.38E-06	25372.48	19658.9	509.7687	747038.2
Statewide	2044	Light Comn	Aggregate	Aggregate	Diesel	0.052963	0.063476	0.076179	0.505928	0.517524	83.80457	0.008068	0.010216	0.000964	0.000697	2772843	1022818	8899.806	37844251
Statewide	2044	Light Comn	Aggregate	Aggregate	Diesel	0.098092	0.117132	0.141175	1.19407	0.977745	167.786	0.00984	0.011508	0.002064	0.001403	5579785	3838687	10138.74	1.77E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.016459	0.019915	0.023701	0.353753	0.157311	122.8017	0.003061	0.002816	0.001135	0.001002	3984165	694250.2	1743.754	1.54E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.067589	0.081783	0.097328	0.921124	0.531592	290.3899	0.021848	0.020101	0.002683	0.00237	9421379	2735749	5245.934	6.32E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.159718	0.193259	0.229994	2.41579	1.194326	717.1666	0.04386	0.040351	0.006626	0.005853	23267679	4941568	9662.935	1.05E+09
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.226734	0.274348	0.326497	4.388457	1.500523	1292.135	0.032322	0.029736	0.01194	0.010546	41921909	13383202	18781.14	2.11E+09
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.112433	0.136045	0.161904	1.69964	0.579442	485.4189	0.024035	0.022112	0.004485	0.003962	15748881	3953612	6071.61	7.44E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.002346	0.002822	0.003373	0.010345	0.017812	4.14E-05	0.000603	0.000455	2.55E-07	2.2E-07	874.8824	0	142.8765	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021681	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.501	0	992.33	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.001053	0.001258	0.001515	0.012503	0.010856	1.495301	0.000134	0.000107	1.94E-05	1.25E-05	49658.91	35875.85	88.91917	1183903
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.000291	0.00035	0.000418	0.001193	0.002209	5.1E-06	7.43E-05	5.61E-05	3.03E-08	2.61E-08	103.8568	0	41.97831	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008501	0.01574	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.1105	0	65.79	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.0062	0.007458	0.008913	0.036684	0.046779	0.000112	0.001632	0.001233	8.14E-07	7.01E-07	2788.068	0	640.4335	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.000551	0.000663	0.000793	0.002263	0.00419	9.67E-06	0.000141	0.000106	5.75E-08	4.95E-08	197.0419	0	26.24	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.000904	0.001087	0.0013	0.003711	0.006871	1.59E-05	0.000231	0.000175	9.43E-08	8.12E-08	323.1083	0	62.96738	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012405	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.494	0	574.05	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.013342	0.016047	0.019179	0.07014	0.100927	0.000239	0.003475	0.002625	1.62E-06	1.4E-06	5551.232	0	1700.416	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.000369	0.000444	0.00053	0.001514	0.002804	6.47E-06	9.43E-05	7.12E-05	3.85E-08	3.31E-08	131.8299	0	16.60044	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.031027	0.037316	0.044603	0.198678	0.235073	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.4	13004.95	5043.479	481183.1
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.102192	0.122915	0.146903	0.419526	0.776725	0.001793	0.02612	0.019735	1.07E-05	9.18E-06	36523.29	0	6476.832	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.009944	0.011961	0.014295	0.040824	0.075583	0.000174	0.002542	0.00192	1.04E-06	8.93E-07	3554.098	0	485.2208	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.010773	0.012958	0.015487	0.049499	0.081719	0.000191	0.002776	0.002097	1.2E-06	1.04E-06	4118.904	0	645.9854	0
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.062215	0.07528	0.08959	1.116729	0.471142	273.465	0.008639	0.007948	0.002526	0.002232	8872271	3137333	4275.468	3.89E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.38227	0.462546	0.550469	3.870428	2.971307	1643.828	0.056224	0.051726	0.015187	0.013417	53332186	6677700	4474.837	2.71E+09
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.074543	0.090197	0.107342	1.272194	0.618297	366.3216	0.017803	0.016378	0.003385	0.00299	11884902	3190394	6470.527	5.49E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.015225	0.018422	0.021924	0.398159	0.125787	86.13349	0.0034	0.003128	0.000796	0.000703	2794506	1002448	2296.498	1.3E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.009214	0.011149	0.013269	0.21876	0.084279	50.12768	0.001942	0.001787	0.000463	0.000409	1626337	669093.7	1301.18	88027776
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.050821	0.061494	0.073183	1.283325	0.581763	223.4367	0.012743	0.011723	0.002064	0.001824	7249157	4546814	11971.53	3.65E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.034153	0.041325	0.049181	1.422829	0.567255	242.6186	0.006905	0.006353	0.002242	0.00198	7871492	3758701	12060.42	3.78E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.047719	0.05774	0.068716	0.459087	0.364779	142.8906	0.01378	0.012678	0.00132	0.001166	4635928	906721.1	1066.292	2.25E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.452381	0.547381	0.651429	6.683242	2.024951	1973.777	0.062205	0.057229	0.018235	0.01611	64037023	16934124	15631.06	3.43E+09
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.274313	0.331918	0.39501	3.119231	1.7492	1284.637	0.068949	0.063433	0.011869	0.010485	41678633	4543449	8782.274	1.67E+09
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.039263	0.047508	0.056539	1.415821	0.70182	235.2584	0.005987	0.005508	0.002174	0.00192	7632701	6013285	15639.51	3.93E+08
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.003467	0.004195	0.004992	0.067851	0.035828	27.00297	0.000894	0.000822	0.00025	0.00022	876081.6	213286.6	718.1838	56141930
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.410521	0.496731	0.59115	10.21321	4.377467	1803.127	0.070696	0.06504	0.016658	0.014717	58500479	31168019	47172.21	3.05E+09
Statewide	2045	Constructic	Aggregate	Aggregate	Diesel	0.022065	0.026699	0.031773	0.363569	0.270596	74.2063	0.007096	0.006528	0.000685	0.000606	2407542	1134898	2833.869	89230951
Statewide	2045	Industrial - Aggregate	Aggregate	Diesel	0.016813	0.020344	0.024211	0.646966	0.375072	114.2138	0.00231	0.002125	0.001055	0.000932	3705541	3566650	10629.37	2.24E+08

Statewide	2045	Industrial - Aggregate	Aggregate	Diesel	0.122832	0.148627	0.176878	3.069025	1.19348	480.8862	0.020197	0.018581	0.004442	0.003925	15601824	16691895	19940.03	1.49E+09
Statewide	2045	Industrial - Aggregate	Aggregate	Diesel	0.007897	0.009498	0.011352	0.03856	0.059829	0.00014	0.002044	0.001545	9.15E-07	7.88E-07	3135.168	0	1461.956	0
Statewide	2045	Industrial - Aggregate	Aggregate	Diesel	0.006327	0.00761	0.009095	0.030786	0.049471	0.000116	0.001685	0.001273	7.31E-07	6.3E-07	2506.5	0	307.4693	0
Statewide	2045	Industrial - Aggregate	Aggregate	Diesel	0.001581	0.001902	0.002273	0.008411	0.012569	2.96E-05	0.000431	0.000326	1.93E-07	1.67E-07	662.943	0	124.0421	0
Statewide	2045	Industrial - Aggregate	Aggregate	Diesel	0.060617	0.073346	0.087288	1.101248	0.546706	232.2543	0.007601	0.006993	0.002145	0.001896	7535234	4708598	5076.262	4.15E+08
Statewide	2045	Industrial - Aggregate	Aggregate	Diesel	0.027747	0.033573	0.039955	0.512419	0.192578	136.1712	0.004388	0.004037	0.001258	0.001111	4417926	1286998	1526.937	2.16E+08
Statewide	2045	Light Comn	Aggregate	Aggregate	Diesel	0.019248	0.022941	0.027711	0.255192	0.184952	32.31576	0.001391	0.001487	0.000409	0.000271	1077763	973393	1392.608	36015539
Statewide	2045	Light Comn	Aggregate	Aggregate	Diesel	0.09298	0.111486	0.133729	0.868253	0.945484	151.7374	0.015339	0.019552	0.001728	0.001261	5015205	1959583	17091.54	64666232
Statewide	2045	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004851	0.785447	8.31E-05	0.000107	8.85E-06	6.38E-06	25364.72	19658.9	509.6487	747038.2
Statewide	2045	Light Comn	Aggregate	Aggregate	Diesel	0.052963	0.063477	0.07618	0.505929	0.51753	83.80532	0.008068	0.010216	0.000964	0.000697	2772867	1022818	8899.746	37844251
Statewide	2045	Light Comn	Aggregate	Aggregate	Diesel	0.098091	0.11713	0.141173	1.194065	0.977736	167.7849	0.00984	0.011508	0.002064	0.001403	5579747	3838687	10138.61	1.77E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.016539	0.020012	0.023816	0.357031	0.157047	123.9603	0.003045	0.002801	0.001146	0.001012	4021755	700800.3	1753.977	1.55E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.06737	0.081517	0.097012	0.92403	0.520615	293.1296	0.021597	0.01987	0.002708	0.002392	9510268	2761561	5276.69	6.38E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.158721	0.192052	0.228558	2.430426	1.168484	723.9329	0.042467	0.03907	0.006688	0.005909	23487206	4988191	9719.588	1.06E+09
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.227944	0.275812	0.328239	4.42901	1.497545	1304.326	0.032052	0.029488	0.012052	0.010646	42317436	13509470	18891.25	2.13E+09
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.112068	0.135603	0.161378	1.714662	0.561933	489.9987	0.023542	0.021659	0.004527	0.003999	15897469	3990914	6107.207	7.51E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.002343	0.002818	0.003368	0.01033	0.017786	4.13E-05	0.000602	0.000455	2.55E-07	2.2E-07	873.6314	0	142.6709	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.002874	0.003457	0.004131	0.016836	0.021688	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.788	0	992.43	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.001047	0.001251	0.001507	0.012479	0.010813	1.495301	0.000132	0.000106	1.94E-05	1.25E-05	49656.89	35875.85	88.49592	1183903
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001192	0.002207	5.09E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.7858	0	41.94958	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008501	0.01574	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.1105	0	65.79	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.0062	0.007457	0.008912	0.036682	0.046775	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.908	0	640.3991	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.00226	0.004184	9.66E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.7415	0	26.2	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.000901	0.001084	0.001295	0.0037	0.00685	1.58E-05	0.00023	0.000174	9.4E-08	8.1E-08	322.0845	0	62.76784	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002826	0.012405	0.01481	3.57E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.4457	0	574.02	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.013336	0.016041	0.019171	0.070126	0.100888	0.000238	0.003474	0.002625	1.62E-06	1.39E-06	5549.734	0	1700.307	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.000367	0.000441	0.000527	0.001505	0.002786	6.43E-06	9.37E-05	7.08E-05	3.82E-08	3.29E-08	131.013	0	16.49757	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.198679	0.235075	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.5	13004.95	5043.514	481183.1
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.102277	0.123016	0.147024	0.419873	0.777367	0.001794	0.026142	0.019752	1.07E-05	9.19E-06	36553.51	0	6482.191	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.009941	0.011957	0.01429	0.040811	0.075559	0.000174	0.002541	0.00192	1.04E-06	8.93E-07	3552.933	0	485.0618	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.0108	0.01299	0.015525	0.049638	0.081923	0.000191	0.002783	0.002103	1.21E-06	1.04E-06	4129.988	0	648.3484	0
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.062645	0.0758	0.090209	1.127155	0.473607	276.0451	0.008601	0.007913	0.00255	0.002253	8955980	3166933	4300.535	3.93E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.384015	0.464658	0.552981	3.901946	2.963812	1659.337	0.055912	0.051439	0.01533	0.013543	53835366	6740703	4501.073	2.73E+09
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.074687	0.090371	0.107549	1.283114	0.617359	369.7778	0.017515	0.016114	0.003417	0.003018	11997034	3220494	6508.462	5.55E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.015071	0.018236	0.021702	0.401773	0.123891	86.94614	0.003184	0.002929	0.000803	0.00071	2820872	1011906	2309.962	1.31E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.009185	0.011114	0.013227	0.220625	0.083753	50.60063	0.001861	0.001712	0.000468	0.000413	1641682	675406.5	1308.809	88858304
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.050359	0.060934	0.072517	1.292804	0.579411	225.5448	0.012208	0.011231	0.002084	0.001841	7317551	4589712	12041.72	3.69E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.03423	0.041418	0.049291	1.43598	0.570819	244.9076	0.006738	0.006199	0.002263	0.001999	7945759	3794164	12131.13	3.81E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.0472	0.057112	0.067968	0.455267	0.349427	144.2387	0.013136	0.012085	0.001332	0.001177	4679667	915275.9	1072.543	2.27E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.454975	0.55052	0.655164	6.743332	2.010391	1992.399	0.06147	0.056553	0.018407	0.016262	64641201	17093894	15722.7	3.46E+09
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.272724	0.329996	0.392722	3.115818	1.716161	1296.757	0.066832	0.061485	0.011981	0.010584	42071864	4586316	8833.763	1.68E+09
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.039449	0.047733	0.056806	1.428968	0.70645	237.478	0.0058	0.005336	0.002194	0.001938	7704714	6070019	15731.2	3.97E+08
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.00348	0.004211	0.005012	0.068491	0.035288	27.25774	0.000858	0.000789	0.000252	0.000222	884347.3	215298.9	722.3944	56671620
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.411721	0.498182	0.592878	10.3051	4.393328	1820.14	0.069044	0.06352	0.016816	0.014856	59052422	31462084	47448.77	3.08E+09
Statewide	2046	Constructic	Aggregate	Aggregate	Diesel	0.02184	0.026426	0.031449	0.366565	0.269615	74.90643	0.006875	0.006325	0.000692	0.000611	2430256	1145606	2850.483	90072830
Statewide	2046	Industrial - Aggregate	Aggregate	Diesel	0.016952	0.020512	0.024411	0.653056	0.378394	115.2914	0.002301	0.002117	0.001065	0.000941	3740503	3600301	10691.69	2.26E+08
Statewide	2046	Industrial - Aggregate	Aggregate	Diesel	0.122918	0.148731	0.177002	3.097186	1.195152	485.4233	0.019541	0.017977	0.004484	0.003962	15749025	16849380	20056.93	1.51E+09

Statewide	2046	Industrial -	Aggregate	Aggregate	Diesel	0.007905	0.009508	0.011363	0.0386	0.059892	0.00014	0.002046	0.001546	9.16E-07	7.89E-07	3138.426	0	1463.476	0
Statewide	2046	Industrial -	Aggregate	Aggregate	Diesel	0.006333	0.007617	0.009103	0.030815	0.049515	0.000116	0.001686	0.001274	7.32E-07	6.31E-07	2508.831	0	307.7817	0
Statewide	2046	Industrial -	Aggregate	Aggregate	Diesel	0.001589	0.001911	0.002284	0.008458	0.012633	2.97E-05	0.000433	0.000327	1.94E-07	1.68E-07	666.5307	0	124.7628	0
Statewide	2046	Industrial -	Aggregate	Aggregate	Diesel	0.060922	0.073716	0.087728	1.111533	0.548876	234.4455	0.007494	0.006894	0.002166	0.001914	7606327	4753023	5106.023	4.19E+08
Statewide	2046	Industrial -	Aggregate	Aggregate	Diesel	0.027776	0.033609	0.039998	0.516834	0.192992	137.456	0.004275	0.003933	0.00127	0.001122	4459608	1299140	1535.889	2.18E+08
Statewide	2046	Light Comn	Aggregate	Aggregate	Diesel	0.019248	0.02294	0.02771	0.25519	0.184946	32.31503	0.001391	0.001486	0.000409	0.000271	1077740	973393	1392.588	36015539
Statewide	2046	Light Comn	Aggregate	Aggregate	Diesel	0.092978	0.111483	0.133725	0.868242	0.945465	151.7349	0.015338	0.019552	0.001728	0.001261	5015123	1959583	17091.23	64666232
Statewide	2046	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004343	0.004852	0.785571	8.32E-05	0.000107	8.85E-06	6.38E-06	25368.79	19658.9	509.7489	747038.2
Statewide	2046	Light Comn	Aggregate	Aggregate	Diesel	0.052963	0.063476	0.076179	0.505928	0.517527	83.80495	0.008068	0.010216	0.000964	0.000697	2772855	1022818	8899.736	37844251
Statewide	2046	Light Comn	Aggregate	Aggregate	Diesel	0.098093	0.117133	0.141176	1.194073	0.977752	167.7869	0.00984	0.011508	0.002064	0.001403	5579814	3838687	10138.78	1.77E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.016636	0.020129	0.023956	0.360178	0.156729	125.1189	0.003022	0.00278	0.001156	0.001021	4059345	707350.4	1764.156	1.56E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.066655	0.080652	0.095983	0.924958	0.509431	295.8694	0.020862	0.019193	0.002733	0.002415	9599157	2787372	5307.311	6.44E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.157612	0.19071	0.226961	2.434806	1.146239	730.6993	0.04077	0.037509	0.006751	0.005964	23706733	5034814	9775.991	1.07E+09
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.229331	0.277491	0.330237	4.468842	1.500053	1316.518	0.031781	0.029238	0.012165	0.010745	42712962	13635739	19000.88	2.15E+09
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.11219	0.13575	0.161554	1.729266	0.547029	494.5786	0.023047	0.021203	0.004569	0.004037	16046058	4028215	6142.648	7.58E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.00234	0.002815	0.003364	0.010322	0.017765	4.13E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.798	0	142.5605	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.002874	0.003456	0.004131	0.016835	0.021684	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.644	0	992.3799	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.00105	0.001254	0.001511	0.012491	0.010835	1.495301	0.000133	0.000107	1.94E-05	1.25E-05	49657.9	35875.85	88.70782	1183903
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000417	0.001192	0.002207	5.09E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.7881	0	41.95054	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.002072	0.002493	0.002979	0.008508	0.015752	3.64E-05	0.00053	0.0004	2.16E-07	1.86E-07	740.6729	0	65.84	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.006198	0.007455	0.00891	0.036675	0.046763	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.332	0	640.2694	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.002259	0.004182	9.65E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.6664	0	26.19	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.000898	0.00108	0.001291	0.003688	0.006828	1.58E-05	0.00023	0.000173	9.37E-08	8.07E-08	321.0449	0	62.56525	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5261	0	574.07	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.013346	0.016053	0.019185	0.070177	0.100963	0.000239	0.003476	0.002626	1.62E-06	1.4E-06	5553.805	0	1701.516	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.000367	0.000441	0.000527	0.001506	0.002788	6.43E-06	9.37E-05	7.08E-05	3.82E-08	3.29E-08	131.0855	0	16.5067	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.19868	0.235075	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.55	13004.95	5043.529	481183.1
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.102384	0.123146	0.147179	0.420314	0.778184	0.001796	0.026169	0.019772	1.07E-05	9.2E-06	36591.9	0	6488.998	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.00994	0.011956	0.014289	0.040808	0.075553	0.000174	0.002541	0.00192	1.04E-06	8.93E-07	3552.685	0	485.0279	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.010826	0.013022	0.015563	0.049773	0.082122	0.000191	0.00279	0.002108	1.21E-06	1.04E-06	4140.735	0	650.6054	0
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.063047	0.076287	0.090788	1.137514	0.475871	278.6252	0.00857	0.007885	0.002574	0.002274	9039688	3196533	4325.491	3.96E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.3867	0.467907	0.556847	3.935523	2.970141	1674.846	0.0558	0.051336	0.015473	0.01367	54338547	6803706	4527.193	2.76E+09
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.074383	0.090003	0.107111	1.291609	0.610424	373.234	0.016958	0.015601	0.003449	0.003046	12109167	3250595	6546.231	5.6E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.014969	0.018112	0.021555	0.405422	0.122256	87.7588	0.003042	0.002798	0.000811	0.000716	2847238	1021364	2323.367	1.32E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.009198	0.011129	0.013245	0.22254	0.08342	51.07357	0.00179	0.001647	0.000472	0.000417	1657026	681719.3	1316.404	89688831
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.050128	0.060655	0.072185	1.303862	0.579215	227.6528	0.011835	0.010888	0.002103	0.001858	7385946	4632611	12111.59	3.72E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.034183	0.041361	0.049223	1.448986	0.572634	247.1967	0.006443	0.005927	0.002284	0.002018	8020025	3829627	12201.52	3.85E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.04711	0.057003	0.067838	0.455941	0.341724	145.5869	0.01284	0.011813	0.001345	0.001188	4723406	923830.6	1078.767	2.29E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.457301	0.553334	0.658514	6.80409	1.995621	2011.022	0.060647	0.055795	0.018579	0.016414	65245380	17253665	15813.94	3.49E+09
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.26995	0.32664	0.388729	3.097802	1.664313	1308.878	0.063802	0.058698	0.012093	0.010683	42465095	4629182	8885.026	1.7E+09
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.039689	0.048023	0.057152	1.442172	0.711468	239.6977	0.005724	0.005266	0.002215	0.001956	7776727	6126753	15822.49	4.01E+08
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.003461	0.004188	0.004984	0.068886	0.035064	27.51251	0.000833	0.000767	0.000254	0.000225	892613	217311.2	726.5865	57201310
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.413123	0.499879	0.594897	10.39785	4.408195	1837.152	0.067403	0.06201	0.016973	0.014995	59604364	31756149	47724.12	3.11E+09
Statewide	2047	Constructic	Aggregate	Aggregate	Diesel	0.021556	0.026082	0.03104	0.369259	0.267162	75.60655	0.006493	0.005973	0.000698	0.000617	2452971	1156313	2867.025	90914710
Statewide	2047	Industrial -	Aggregate	Aggregate	Diesel	0.017096	0.020686	0.024618	0.659148	0.381795	116.369	0.002302	0.002118	0.001075	0.00095	3775464	3633952	10753.74	2.29E+08
Statewide	2047	Industrial -	Aggregate	Aggregate	Diesel	0.123218	0.149093	0.177434	3.124469	1.197421	489.9604	0.018899	0.017388	0.004526	0.003999	15896226	17006865	20173.33	1.52E+09
Statewide	2047	Industrial -	Aggregate	Aggregate	Diesel	0.007912	0.009517	0.011374	0.038627	0.059948	0.000141	0.002048	0.001548	9.16E-07	7.89E-07	3140.864	0	1464.613	0

Statewide	2047	Industrial -	Aggregate	Aggregate	Diesel	0.006342	0.007628	0.009117	0.030858	0.049589	0.000116	0.001689	0.001276	7.33E-07	6.31E-07	2512.427	0	308.176	0
Statewide	2047	Industrial -	Aggregate	Aggregate	Diesel	0.001605	0.00193	0.002307	0.008548	0.012759	3E-05	0.000438	0.000331	1.96E-07	1.69E-07	673.4029	0	126.0949	0
Statewide	2047	Industrial -	Aggregate	Aggregate	Diesel	0.061235	0.074095	0.088179	1.121359	0.552101	236.6368	0.007354	0.006765	0.002186	0.001931	7677421	4797448	5135.654	4.23E+08
Statewide	2047	Industrial -	Aggregate	Aggregate	Diesel	0.027811	0.033652	0.040048	0.521185	0.191699	138.7407	0.004172	0.003838	0.001282	0.001132	4501291	1311283	1544.802	2.2E+08
Statewide	2047	Light Comn	Aggregate	Aggregate	Diesel	0.019251	0.022944	0.027715	0.255206	0.184974	32.31874	0.001392	0.001487	0.000409	0.000271	1077861	973393	1392.838	36015539
Statewide	2047	Light Comn	Aggregate	Aggregate	Diesel	0.092978	0.111483	0.133726	0.868245	0.94547	151.7356	0.015338	0.019552	0.001728	0.001261	5015144	1959583	17091.33	64666232
Statewide	2047	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004853	0.785679	8.32E-05	0.000107	8.85E-06	6.38E-06	25372.31	19658.9	509.809	747038.2
Statewide	2047	Light Comn	Aggregate	Aggregate	Diesel	0.052961	0.063474	0.076177	0.50592	0.517514	83.80325	0.008068	0.010215	0.000964	0.000697	2772799	1022818	8899.516	37844251
Statewide	2047	Light Comn	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141174	1.194066	0.977742	167.7856	0.00984	0.011508	0.002064	0.001403	5579771	3838687	10138.59	1.77E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.016718	0.020228	0.024074	0.363405	0.156877	126.2775	0.002994	0.002754	0.001167	0.001031	4096935	713900.6	1774.29	1.58E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.065018	0.078672	0.093626	0.884674	0.47825	298.6092	0.018951	0.017435	0.002759	0.002437	9688047	2813183	5337.799	6.5E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.154346	0.186759	0.222258	2.394405	1.09558	737.4656	0.037319	0.034333	0.006814	0.006019	23926259	5081437	9832.15	1.08E+09
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.230544	0.278958	0.331983	4.502859	1.49859	1328.709	0.031379	0.028868	0.012278	0.010845	43108488	13762007	19110.03	2.17E+09
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.110772	0.134034	0.159512	1.732043	0.52057	499.1584	0.021799	0.020055	0.004612	0.004074	16194646	4065517	6177.934	7.65E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.002339	0.002813	0.003362	0.010316	0.017756	4.12E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.3005	0	142.4771	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.002874	0.003456	0.004131	0.016834	0.021684	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.597	0	992.28	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.001052	0.001257	0.001515	0.012501	0.010853	1.495301	0.000134	0.000107	1.94E-05	1.25E-05	49658.76	35875.85	88.88767	1183903
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.000291	0.00035	0.000418	0.001194	0.00221	5.1E-06	7.43E-05	5.62E-05	3.03E-08	2.61E-08	103.9345	0	42.00969	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.00249	0.002976	0.0085	0.015737	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	739.9979	0	65.78	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.006199	0.007456	0.008911	0.036681	0.046769	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.722	0	640.3597	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.00226	0.004184	9.66E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.7415	0	26.2	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.000895	0.001077	0.001287	0.003676	0.006806	1.57E-05	0.000229	0.000173	9.34E-08	8.04E-08	320.0251	0	62.36653	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.5422	0	574.08	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.013353	0.016061	0.019196	0.070216	0.101016	0.000239	0.003478	0.002628	1.62E-06	1.4E-06	5556.838	0	1702.513	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.000366	0.000441	0.000527	0.001504	0.002784	6.43E-06	9.36E-05	7.07E-05	3.82E-08	3.29E-08	130.9203	0	16.48591	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.198679	0.235074	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.5	13004.95	5043.511	481183.1
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.102494	0.123278	0.147337	0.420767	0.779022	0.001798	0.026198	0.019794	1.07E-05	9.21E-06	36631.33	0	6495.991	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.009934	0.011949	0.014281	0.040782	0.075506	0.000174	0.002539	0.001918	1.04E-06	8.92E-07	3550.449	0	484.7227	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.010855	0.013056	0.015604	0.049913	0.082337	0.000192	0.002797	0.002113	1.21E-06	1.04E-06	4152.089	0	652.8017	0
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.063181	0.076449	0.090981	1.146282	0.476791	281.2053	0.008363	0.007694	0.002598	0.002295	9123396	3226134	4350.339	4E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.389071	0.470776	0.560263	3.950003	2.972482	1690.356	0.055018	0.050617	0.015617	0.013796	54841727	6866709	4553.199	2.78E+09
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.073364	0.088771	0.105644	1.26129	0.590587	376.6902	0.015635	0.014384	0.00348	0.003074	12221299	3280696	6583.836	5.65E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.014813	0.017923	0.02133	0.4083	0.119859	88.57145	0.002913	0.00268	0.000818	0.000723	2873603	1030822	2336.714	1.33E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.009189	0.011119	0.013233	0.224394	0.082951	51.54652	0.001722	0.001584	0.000476	0.000421	1672370	688032.1	1323.966	90519359
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.049065	0.059369	0.070654	1.307275	0.572389	229.7609	0.011023	0.010141	0.002123	0.001875	7454341	4675509	12181.17	3.76E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.034039	0.041187	0.049016	1.46179	0.574151	249.4858	0.006167	0.005674	0.002306	0.002036	8094291	3865090	12271.62	3.88E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.045905	0.055545	0.066103	0.435467	0.319554	146.935	0.01169	0.010755	0.001357	0.001199	4767145	932385.4	1084.964	2.31E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.459366	0.555833	0.661487	6.836441	1.976656	2029.644	0.059224	0.054486	0.018751	0.016566	65849559	17413436	15904.79	3.53E+09
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.268317	0.324664	0.386377	3.053302	1.614175	1320.998	0.06121	0.056313	0.012205	0.010782	42858326	4672049	8936.066	1.72E+09
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.039884	0.04826	0.057433	1.455224	0.715895	241.9173	0.005608	0.00516	0.002235	0.001974	7848740	6183488	15913.38	4.04E+08
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.003392	0.004104	0.004884	0.069365	0.033672	27.76728	0.000786	0.000723	0.000257	0.000227	900878.7	219323.5	730.7604	57731000
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.412824	0.499518	0.594467	10.47721	4.40766	1854.164	0.064961	0.059764	0.01713	0.015133	60156306	32050214	47998.27	3.14E+09
Statewide	2048	Constructic	Aggregate	Aggregate	Diesel	0.020837	0.025213	0.030005	0.369376	0.259664	76.30667	0.00592	0.005446	0.000705	0.000623	2475686	1167021	2883.495	91756589
Statewide	2048	Industrial -	Aggregate	Aggregate	Diesel	0.017176	0.020782	0.024733	0.664932	0.38473	117.4466	0.002273	0.002091	0.001085	0.000959	3810425	3667602	10815.51	2.31E+08
Statewide	2048	Industrial -	Aggregate	Aggregate	Diesel	0.123417	0.149335	0.177721	3.151602	1.198287	494.4975	0.018356	0.016887	0.004568	0.004036	16043426	17164350	20289.21	1.54E+09
Statewide	2048	Industrial -	Aggregate	Aggregate	Diesel	0.007921	0.009527	0.011386	0.038658	0.060013	0.000141	0.00205	0.001549	9.17E-07	7.9E-07	3143.733	0	1465.952	0
Statewide	2048	Industrial -	Aggregate	Aggregate	Diesel	0.006347	0.007634	0.009124	0.030879	0.049627	0.000116	0.00169	0.001277	7.34E-07	6.32E-07	2514.238	0	308.3518	0

Statewide	2048	Industrial - Aggregate	Aggregate	Diesel	0.001616	0.001943	0.002323	0.008606	0.012847	3.02E-05	0.000441	0.000333	1.98E-07	1.7E-07	678.0252	0	126.9569	0
Statewide	2048	Industrial - Aggregate	Aggregate	Diesel	0.061408	0.074303	0.088427	1.124951	0.552583	238.8281	0.007104	0.006535	0.002206	0.001949	7748515	4841872	5165.156	4.27E+08
Statewide	2048	Industrial - Aggregate	Aggregate	Diesel	0.027889	0.033745	0.040159	0.525431	0.191043	140.0255	0.004046	0.003723	0.001294	0.001143	4542973	1323426	1553.676	2.22E+08
Statewide	2048	Light Comn	Aggregate	Aggregate	Diesel	0.019249	0.022941	0.027712	0.255194	0.184954	32.31608	0.001391	0.001487	0.000409	0.000271	1077774	973393	1392.638	36015539
Statewide	2048	Light Comn	Aggregate	Aggregate	Diesel	0.09298	0.111485	0.133729	0.868252	0.945482	151.7372	0.015339	0.019552	0.001728	0.001261	5015197	1959583	17091.53	64666232
Statewide	2048	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004345	0.004855	0.785942	8.32E-05	0.000107	8.85E-06	6.38E-06	25380.94	19658.9	510.0388	747038.2
Statewide	2048	Light Comn	Aggregate	Aggregate	Diesel	0.052962	0.063475	0.076178	0.505924	0.517518	83.80382	0.008068	0.010215	0.000964	0.000697	2772818	1022818	8899.686	37844251
Statewide	2048	Light Comn	Aggregate	Aggregate	Diesel	0.098092	0.117133	0.141176	1.194072	0.977749	167.7866	0.00984	0.011508	0.002064	0.001403	5579803	3838687	10138.76	1.77E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.016817	0.020348	0.024216	0.366462	0.157922	127.4361	0.002957	0.002721	0.001178	0.00104	4134525	720450.7	1784.38	1.59E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.064497	0.078041	0.092875	0.888689	0.469791	301.349	0.018245	0.016786	0.002784	0.00246	9776936	2838995	5368.155	6.56E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.154323	0.186731	0.222226	2.411627	1.082308	744.232	0.036466	0.033549	0.006876	0.006074	24145786	5128060	9888.066	1.09E+09
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.232295	0.281077	0.334505	4.544131	1.505549	1340.9	0.031457	0.02894	0.01239	0.010944	43504014	13888275	19218.71	2.19E+09
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.111006	0.134317	0.159848	1.747358	0.513529	503.7383	0.021467	0.01975	0.004654	0.004111	16343234	4102819	6213.069	7.72E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.002339	0.002813	0.003362	0.010316	0.017754	4.12E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.302	0	142.4873	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016833	0.021682	5.19E-05	0.000756	0.000571	3.75E-07	3.23E-07	1283.503	0	992.2599	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.001055	0.00126	0.001518	0.012511	0.010871	1.495301	0.000134	0.000108	1.94E-05	1.25E-05	49659.6	35875.85	89.06348	1183903
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.000291	0.00035	0.000418	0.001194	0.00221	5.1E-06	7.43E-05	5.61E-05	3.03E-08	2.61E-08	103.9074	0	41.99875	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.002492	0.002978	0.008504	0.015744	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.3354	0	65.81	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.006199	0.007456	0.008911	0.036679	0.046767	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.591	0	640.3288	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.000549	0.000661	0.00079	0.002255	0.004174	9.64E-06	0.00014	0.000106	5.73E-08	4.93E-08	196.2909	0	26.14	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.000893	0.001074	0.001284	0.003666	0.006788	1.57E-05	0.000228	0.000172	9.31E-08	8.02E-08	319.1715	0	62.20016	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002827	0.012406	0.014811	3.58E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.51	0	574.06	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.01336	0.016069	0.019205	0.070256	0.101066	0.000239	0.00348	0.002629	1.62E-06	1.4E-06	5559.849	0	1703.552	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.000367	0.000442	0.000528	0.001508	0.002792	6.45E-06	9.39E-05	7.09E-05	3.83E-08	3.3E-08	131.2992	0	16.53362	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044604	0.19868	0.235076	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.56	13004.95	5043.534	481183.1
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.102607	0.123413	0.147499	0.421228	0.779877	0.0018	0.026226	0.019815	1.07E-05	9.22E-06	36671.51	0	6503.116	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.009939	0.011954	0.014287	0.0408	0.075539	0.000174	0.00254	0.001919	1.04E-06	8.93E-07	3552.025	0	484.9378	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.010895	0.013104	0.015662	0.0501	0.082643	0.000193	0.002807	0.002121	1.22E-06	1.05E-06	4167.58	0	655.2667	0
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.063666	0.077036	0.09168	1.156652	0.48039	283.7854	0.008392	0.00772	0.002622	0.002316	9207105	3255734	4375.08	4.04E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.392018	0.474341	0.564506	3.985563	2.976657	1705.865	0.05498	0.050581	0.01576	0.013923	55344907	6929712	4579.094	2.81E+09
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.07337	0.088777	0.105652	1.271615	0.589326	380.1464	0.015252	0.014032	0.003512	0.003103	12333431	3310797	6621.28	5.7E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.014799	0.017907	0.021311	0.411966	0.119351	89.38411	0.002844	0.002616	0.000826	0.00073	2899969	1040280	2350.003	1.35E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.009193	0.011124	0.013238	0.226419	0.082606	52.01946	0.001676	0.001542	0.000481	0.000425	1687714	694344.9	1331.495	91349886
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.048701	0.058929	0.07013	1.31822	0.572729	231.869	0.010597	0.009749	0.002142	0.001892	7522735	4718408	12250.45	3.79E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.034137	0.041306	0.049158	1.475068	0.577552	251.7748	0.006027	0.005545	0.002327	0.002055	8168557	3900552	12341.41	3.92E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.045814	0.055435	0.065972	0.437762	0.310125	148.2832	0.011252	0.010352	0.00137	0.00121	4810885	940940.2	1091.135	2.33E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.462334	0.559424	0.665761	6.897704	1.972734	2048.266	0.058708	0.054011	0.018923	0.016718	66453737	17573206	15995.24	3.56E+09
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.268061	0.324354	0.386008	3.06635	1.596385	1333.118	0.059701	0.054924	0.012317	0.010881	43251557	4714916	8986.887	1.73E+09
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.04009	0.048509	0.05773	1.468369	0.720694	244.1369	0.005579	0.005132	0.002256	0.001993	7920754	6240222	16003.88	4.08E+08
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.003394	0.004106	0.004887	0.069996	0.033422	28.02204	0.000779	0.000717	0.000259	0.000229	909144.3	221335.9	734.9163	58260689
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.414439	0.501471	0.596792	10.57019	4.431843	1871.176	0.063906	0.058793	0.017288	0.015272	60708249	32344279	48271.25	3.17E+09
Statewide	2049	Constructic	Aggregate	Aggregate	Diesel	0.020729	0.025082	0.029849	0.37251	0.258617	77.0068	0.005664	0.005211	0.000711	0.000629	2498401	1177729	2899.893	92598468
Statewide	2049	Industrial - Aggregate	Aggregate	Diesel	0.017326	0.020964	0.024949	0.671033	0.388097	118.5242	0.002284	0.002102	0.001095	0.000967	3845386	3701253	10877.02	2.33E+08
Statewide	2049	Industrial - Aggregate	Aggregate	Diesel	0.124062	0.150115	0.178649	3.180109	1.203187	499.0346	0.018105	0.016657	0.00461	0.004073	16190627	17321836	20404.6	1.55E+09
Statewide	2049	Industrial - Aggregate	Aggregate	Diesel	0.007928	0.009536	0.011397	0.038686	0.060069	0.000141	0.002052	0.001551	9.18E-07	7.91E-07	3146.267	0	1467.134	0
Statewide	2049	Industrial - Aggregate	Aggregate	Diesel	0.006347	0.007634	0.009124	0.030877	0.049625	0.000116	0.00169	0.001277	7.34E-07	6.32E-07	2514.111	0	308.3224	0
Statewide	2049	Industrial - Aggregate	Aggregate	Diesel	0.001621	0.00195	0.002331	0.008629	0.012889	3.03E-05	0.000442	0.000334	1.98E-07	1.71E-07	679.988	0	127.2686	0

Statewide	2049	Industrial -	Aggregate	Aggregate	Diesel	0.061838	0.074823	0.089046	1.135156	0.556585	241.0194	0.007016	0.006454	0.002226	0.001967	7819608	4886297	5194.531	4.31E+08
Statewide	2049	Industrial -	Aggregate	Aggregate	Diesel	0.028074	0.033969	0.040426	0.530196	0.191763	141.3103	0.004052	0.003728	0.001306	0.001153	4584656	1335568	1562.512	2.24E+08
Statewide	2049	Light Comn	Aggregate	Aggregate	Diesel	0.019249	0.022941	0.027712	0.255192	0.184954	32.31608	0.001391	0.001487	0.000409	0.000271	1077774	973393	1392.588	36015539
Statewide	2049	Light Comn	Aggregate	Aggregate	Diesel	0.092979	0.111485	0.133728	0.868251	0.945478	151.7366	0.015339	0.019552	0.001728	0.001261	5015179	1959583	17091.5	64666232
Statewide	2049	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004345	0.004855	0.785923	8.32E-05	0.000107	8.85E-06	6.38E-06	25380.31	19658.9	510.0189	747038.2
Statewide	2049	Light Comn	Aggregate	Aggregate	Diesel	0.052963	0.063476	0.076179	0.505928	0.517526	83.80486	0.008068	0.010216	0.000964	0.000697	2772852	1022818	8899.746	37844251
Statewide	2049	Light Comn	Aggregate	Aggregate	Diesel	0.098091	0.117131	0.141173	1.194063	0.977737	167.7849	0.00984	0.011508	0.002064	0.001403	5579747	3838687	10138.54	1.77E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.016945	0.020503	0.0244	0.369794	0.158578	128.5947	0.002958	0.002721	0.001188	0.00105	4172115	727000.8	1794.428	1.61E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.064509	0.078055	0.092892	0.895843	0.463503	304.0888	0.017891	0.01646	0.00281	0.002482	9865825	2864806	5398.382	6.62E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.154365	0.186782	0.222286	2.429565	1.070231	750.9983	0.035668	0.032814	0.006939	0.00613	24365313	5174682	9943.744	1.1E+09
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.234025	0.28317	0.336996	4.584878	1.512965	1353.091	0.031395	0.028884	0.012503	0.011044	43899541	14014543	19326.93	2.21E+09
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.111361	0.134747	0.16036	1.762227	0.508179	508.3181	0.021112	0.019423	0.004696	0.004149	16491822	4140120	6248.054	7.79E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.00234	0.002815	0.003364	0.010324	0.017765	4.13E-05	0.000601	0.000454	2.55E-07	2.19E-07	872.9009	0	142.5927	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.002873	0.003456	0.00413	0.016832	0.021681	5.19E-05	0.000756	0.000571	3.74E-07	3.23E-07	1283.437	0	992.24	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.001057	0.001262	0.001521	0.012519	0.010887	1.495301	0.000135	0.000108	1.94E-05	1.25E-05	49660.33	35875.85	89.21496	1183903
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.00029	0.000349	0.000418	0.001192	0.002208	5.1E-06	7.42E-05	5.61E-05	3.03E-08	2.61E-08	103.8022	0	41.95622	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.002071	0.002491	0.002977	0.008503	0.015742	3.63E-05	0.000529	0.0004	2.16E-07	1.86E-07	740.2229	0	65.8	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.006199	0.007456	0.008912	0.036681	0.046771	0.000112	0.001632	0.001233	8.13E-07	7.01E-07	2787.778	0	640.3717	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.00055	0.000662	0.000791	0.002258	0.004181	9.65E-06	0.000141	0.000106	5.74E-08	4.94E-08	196.5913	0	26.18	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.000889	0.00107	0.001278	0.003651	0.006759	1.56E-05	0.000227	0.000172	9.27E-08	7.99E-08	317.8218	0	61.93714	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.001966	0.002365	0.002826	0.012405	0.014809	3.57E-05	0.000521	0.000394	2.69E-07	2.32E-07	923.4296	0	574.01	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.01337	0.016081	0.019219	0.070311	0.101141	0.000239	0.003482	0.002631	1.62E-06	1.4E-06	5564.125	0	1704.961	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.000368	0.000443	0.000529	0.001511	0.002798	6.46E-06	9.41E-05	7.11E-05	3.84E-08	3.31E-08	131.5802	0	16.569	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.031028	0.037316	0.044603	0.198679	0.235074	0.661514	0.00816	0.006168	1.28E-05	9.08E-06	36118.45	13004.95	5043.495	481183.1
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.10271	0.123538	0.147647	0.421652	0.780662	0.001802	0.026253	0.019835	1.07E-05	9.23E-06	36708.43	0	6509.663	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.00994	0.011956	0.014289	0.040807	0.075552	0.000174	0.002541	0.00192	1.04E-06	8.93E-07	3552.614	0	485.0181	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.010933	0.01315	0.015716	0.050279	0.082929	0.000193	0.002817	0.002129	1.22E-06	1.05E-06	4182.285	0	657.8178	0
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.064087	0.077545	0.092285	1.16671	0.482683	286.3655	0.008327	0.007661	0.002646	0.002337	9290813	3285334	4399.715	4.07E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.395088	0.478057	0.568927	4.021077	2.994085	1721.374	0.055175	0.050761	0.015903	0.01405	55848087	6992715	4604.878	2.83E+09
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.073639	0.089103	0.10604	1.282946	0.589812	383.6026	0.015016	0.013814	0.003544	0.003131	12445563	3340898	6658.563	5.75E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.014842	0.017959	0.021372	0.415647	0.11918	90.19676	0.002803	0.002578	0.000833	0.000736	2926335	1049738	2363.235	1.36E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.009205	0.011138	0.013255	0.228466	0.082466	52.49241	0.001619	0.001489	0.000485	0.000428	1703058	700657.7	1338.993	92180414
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.048577	0.058778	0.069951	1.329322	0.574423	233.9771	0.010269	0.009447	0.002162	0.00191	7591130	4761306	12319.43	3.82E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.034338	0.041549	0.049447	1.488405	0.581826	254.0639	0.005981	0.005502	0.002348	0.002074	8242824	3936015	12410.9	3.96E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.045624	0.055206	0.065699	0.439276	0.29795	149.6313	0.010823	0.009957	0.001382	0.001221	4854624	949494.9	1097.279	2.35E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.465465	0.563213	0.67027	6.959239	1.967768	2066.888	0.058385	0.053714	0.019095	0.01687	67057916	17732977	16085.3	3.59E+09
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.267295	0.323427	0.384905	3.079905	1.572924	1345.239	0.057819	0.053194	0.012429	0.01098	43644788	4757782	9037.49	1.75E+09
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.040385	0.048866	0.058155	1.481623	0.726793	246.3565	0.00556	0.005115	0.002276	0.002011	7992767	6296956	16094	4.12E+08
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.003391	0.004103	0.004882	0.070563	0.033029	28.27681	0.000763	0.000702	0.000261	0.000231	917410	223348.2	739.0545	58790379
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.416514	0.503982	0.59978	10.66461	4.454986	1888.188	0.063203	0.058147	0.017445	0.015411	61260191	32638344	48543.05	3.2E+09
Statewide	2050	Constructic	Aggregate	Aggregate	Diesel	0.0206	0.024926	0.029664	0.375712	0.257098	77.70692	0.005502	0.005062	0.000718	0.000634	2521115	1188436	2916.222	93440347
Statewide	2050	Industrial -	Aggregate	Aggregate	Diesel	0.017481	0.021152	0.025172	0.677134	0.391528	119.6018	0.002302	0.002118	0.001105	0.000976	3880347	3734904	10938.27	2.35E+08
Statewide	2050	Industrial -	Aggregate	Aggregate	Diesel	0.124518	0.150667	0.179306	3.207014	1.208165	503.5716	0.017701	0.016285	0.004652	0.00411	16337828	17479321	20519.49	1.56E+09
Statewide	2050	Industrial -	Aggregate	Aggregate	Diesel	0.007932	0.009541	0.011403	0.038702	0.060102	0.000141	0.002053	0.001551	9.18E-07	7.91E-07	3147.705	0	1467.805	0
Statewide	2050	Industrial -	Aggregate	Aggregate	Diesel	0.006348	0.007635	0.009125	0.03088	0.049629	0.000116	0.00169	0.001277	7.34E-07	6.32E-07	2514.339	0	308.3601	0
Statewide	2050	Industrial -	Aggregate	Aggregate	Diesel	0.001624	0.001953	0.002334	0.008637	0.012905	3.04E-05	0.000443	0.000334	1.99E-07	1.71E-07	680.7273	0	127.3758	0
Statewide	2050	Industrial -	Aggregate	Aggregate	Diesel	0.062313	0.075399	0.089731	1.14543	0.560255	243.2107	0.006995	0.006435	0.002247	0.001985	7890702	4930722	5223.78	4.35E+08

Statewide T	2050	Industrial -	Aggregate	Aggregate	Diesel	0.028243	0.034173	0.040669	0.534717	0.19266	142.595	0.004018	0.003696	0.001318	0.001164	4626338	1347711	1571.31	2.26E+08
Statewide T	2050	Light Comn	Aggregate	Aggregate	Diesel	0.019249	0.022941	0.027712	0.255192	0.184956	32.31624	0.001391	0.001487	0.000409	0.000271	1077779	973393	1392.558	36015539
Statewide T	2050	Light Comn	Aggregate	Aggregate	Diesel	0.09298	0.111485	0.133728	0.86825	0.945479	151.7368	0.015339	0.019552	0.001728	0.001261	5015184	1959583	17091.44	64666232
Statewide T	2050	Light Comn	Aggregate	Aggregate	Diesel	0.000441	0.000529	0.000634	0.004344	0.004854	0.785719	8.32E-05	0.000107	8.85E-06	6.38E-06	25373.63	19658.9	509.8688	747038.2
Statewide T	2050	Light Comn	Aggregate	Aggregate	Diesel	0.052962	0.063475	0.076178	0.505923	0.517519	83.80394	0.008068	0.010215	0.000964	0.000697	2772822	1022818	8899.586	37844251
Statewide T	2050	Light Comn	Aggregate	Aggregate	Diesel	0.098092	0.117132	0.141175	1.19407	0.977745	167.786	0.00984	0.011508	0.002064	0.001403	5579784	3838687	10138.72	1.77E+08

Setton Pistachio Modeling Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Setton Pistachio Modeling
Construction Start Date	8/1/2023
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.10
Precipitation (days)	23.0
Location	Terra Bella, CA 93270, USA
County	Tulare
City	Unincorporated
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2737
EDFZ	9
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

General Light Industry	22.3	1000sqft	0.51	22,292	0.00	0.00	—	Area = pipeline length (2229.2 ft) x disturbance width (10 ft)

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.68	0.57	3.46	4.39	< 0.005	0.17	0.04	0.21	0.16	0.01	0.17	—	569	569	0.02	0.01	0.21	572
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.04	0.03	0.21	0.26	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	34.1	34.1	< 0.005	< 0.005	0.01	34.2
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.01	0.01	0.04	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.64	5.64	< 0.005	< 0.005	< 0.005	5.66

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2023	0.68	0.57	3.46	4.39	< 0.005	0.17	0.04	0.21	0.16	0.01	0.17	—	569	569	0.02	0.01	0.21	572
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.04	0.03	0.21	0.26	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	34.1	34.1	< 0.005	< 0.005	0.01	34.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.01	0.01	0.04	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.64	5.64	< 0.005	< 0.005	< 0.005	5.66

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.33	1.24	10.3	10.5	0.06	0.75	0.30	1.05	0.75	0.08	0.83	1,126	15,504	16,629	114	0.23	7.80	19,552
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.15	1.07	10.4	9.17	0.06	0.75	0.30	1.05	0.75	0.08	0.83	1,126	15,474	16,600	114	0.23	5.85	19,521
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.24	1.15	10.4	9.73	0.06	0.75	0.30	1.05	0.75	0.08	0.83	1,126	15,484	16,609	114	0.23	6.67	19,531
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.23	0.21	1.89	1.78	0.01	0.14	0.05	0.19	0.14	0.01	0.15	186	2,563	2,750	18.9	0.04	1.10	3,234

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.08	0.06	0.55	1.34	0.01	0.01	0.30	0.30	0.01	0.08	0.08	—	631	631	0.01	0.07	2.00	653
Area	0.17	0.64	0.01	0.97	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.99	3.99	< 0.005	< 0.005	—	4.00
Energy	1.07	0.54	9.77	8.20	0.06	0.74	—	0.74	0.74	—	0.74	—	14,725	14,725	1.22	0.05	—	14,769
Water	—	—	—	—	—	—	—	—	—	—	—	47.9	143	191	4.92	0.12	—	349
Waste	—	—	—	—	—	—	—	—	—	—	—	1,078	0.00	1,078	108	0.00	—	3,771
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.80	5.80
Total	1.33	1.24	10.3	10.5	0.06	0.75	0.30	1.05	0.75	0.08	0.83	1,126	15,504	16,629	114	0.23	7.80	19,552
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.08	0.06	0.61	0.97	0.01	0.01	0.30	0.30	0.01	0.08	0.08	—	606	606	0.01	0.07	0.05	626
Area	—	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	1.07	0.54	9.77	8.20	0.06	0.74	—	0.74	0.74	—	0.74	—	14,725	14,725	1.22	0.05	—	14,769
Water	—	—	—	—	—	—	—	—	—	—	—	47.9	143	191	4.92	0.12	—	349
Waste	—	—	—	—	—	—	—	—	—	—	—	1,078	0.00	1,078	108	0.00	—	3,771
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.80	5.80
Total	1.15	1.07	10.4	9.17	0.06	0.75	0.30	1.05	0.75	0.08	0.83	1,126	15,474	16,600	114	0.23	5.85	19,521
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.08	0.06	0.59	1.05	0.01	0.01	0.30	0.30	0.01	0.08	0.08	—	613	613	0.01	0.07	0.86	634
Area	0.08	0.56	< 0.005	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.97	1.97	< 0.005	< 0.005	—	1.97
Energy	1.07	0.54	9.77	8.20	0.06	0.74	—	0.74	0.74	—	0.74	—	14,725	14,725	1.22	0.05	—	14,769
Water	—	—	—	—	—	—	—	—	—	—	—	47.9	143	191	4.92	0.12	—	349
Waste	—	—	—	—	—	—	—	—	—	—	—	1,078	0.00	1,078	108	0.00	—	3,771

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.80	5.80
Total	1.24	1.15	10.4	9.73	0.06	0.75	0.30	1.05	0.75	0.08	0.83	1,126	15,484	16,609	114	0.23	6.67	19,531
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.01	0.01	0.11	0.19	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	101	101	< 0.005	0.01	0.14	105
Area	0.02	0.10	< 0.005	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.33	0.33	< 0.005	< 0.005	—	0.33
Energy	0.20	0.10	1.78	1.50	0.01	0.14	—	0.14	0.14	—	0.14	—	2,438	2,438	0.20	0.01	—	2,445
Water	—	—	—	—	—	—	—	—	—	—	—	7.93	23.8	31.7	0.81	0.02	—	57.9
Waste	—	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	—	624
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96
Total	0.23	0.21	1.89	1.78	0.01	0.14	0.05	0.19	0.14	0.01	0.15	186	2,563	2,750	18.9	0.04	1.10	3,234

3. Construction Emissions Details

3.1. Site Preparation (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	0.53	3.44	3.96	< 0.005	0.17	—	0.17	0.16	—	0.16	—	522	522	0.02	< 0.005	—	524
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.21	0.24	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.4	31.4	< 0.005	< 0.005	—	31.6
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.21	5.21	< 0.005	< 0.005	—	5.22
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.43	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	47.2	47.2	< 0.005	< 0.005	0.21	48.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.61	2.61	< 0.005	< 0.005	0.01	2.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.43	0.43	< 0.005	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,071	3,071	0.19	0.02	—	3,083
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,071	3,071	0.19	0.02	—	3,083
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	3,071	3,071	0.19	0.02	—	3,083
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,071	3,071	0.19	0.02	—	3,083
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	508	508	0.03	< 0.005	—	510
Total	—	—	—	—	—	—	—	—	—	—	—	—	508	508	0.03	< 0.005	—	510

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	1.07	0.54	9.77	8.20	0.06	0.74	—	0.74	0.74	—	0.74	—	11,654	11,654	1.03	0.02	—	11,687
Total	1.07	0.54	9.77	8.20	0.06	0.74	—	0.74	0.74	—	0.74	—	11,654	11,654	1.03	0.02	—	11,687
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	1.07	0.54	9.77	8.20	0.06	0.74	—	0.74	0.74	—	0.74	—	11,654	11,654	1.03	0.02	—	11,687
Total	1.07	0.54	9.77	8.20	0.06	0.74	—	0.74	0.74	—	0.74	—	11,654	11,654	1.03	0.02	—	11,687
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	0.20	0.10	1.78	1.50	0.01	0.14	—	0.14	0.14	—	0.14	—	1,930	1,930	0.17	< 0.005	—	1,935
Total	0.20	0.10	1.78	1.50	0.01	0.14	—	0.14	0.14	—	0.14	—	1,930	1,930	0.17	< 0.005	—	1,935

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.17	0.16	0.01	0.97	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.99	3.99	< 0.005	< 0.005	—	4.00
Total	0.17	0.64	0.01	0.97	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.99	3.99	< 0.005	< 0.005	—	4.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.02	0.01	< 0.005	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.33	0.33	< 0.005	< 0.005	—	0.33
Total	0.02	0.10	< 0.005	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.33	0.33	< 0.005	< 0.005	—	0.33

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	47.9	143	191	4.92	0.12	—	349
Total	—	—	—	—	—	—	—	—	—	—	—	47.9	143	191	4.92	0.12	—	349
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	47.9	143	191	4.92	0.12	—	349
Total	—	—	—	—	—	—	—	—	—	—	—	47.9	143	191	4.92	0.12	—	349
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	7.93	23.8	31.7	0.81	0.02	—	57.9
Total	—	—	—	—	—	—	—	—	—	—	—	7.93	23.8	31.7	0.81	0.02	—	57.9

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,078	0.00	1,078	108	0.00	—	3,771
Total	—	—	—	—	—	—	—	—	—	—	—	1,078	0.00	1,078	108	0.00	—	3,771
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	1,078	0.00	1,078	108	0.00	—	3,771
Total	—	—	—	—	—	—	—	—	—	—	—	1,078	0.00	1,078	108	0.00	—	3,771
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	—	624
Total	—	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	—	624

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.80	5.80
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.80	5.80
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.80	5.80
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.80	5.80
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.96	0.96

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	8/1/2023	8/30/2023	5.00	22.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Site Preparation	Off-Highway Tractors	Diesel	Average	1.00	8.00	38.0	0.44
Site Preparation	Excavators	Diesel	Average	1.00	8.00	36.0	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	7.50	7.70	LDA,LDT1,LDT2
Site Preparation	Vendor	—	6.80	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	0.00	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Light Industry	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	4.55	4.55	4.55	1,662	194	194	194	70,984

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	0.00	0.00	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
General Light Industry	2,107,000	532	0.0330	0.0040	36,365,000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	24,992,805	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	2,000	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Light Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	31.7	annual days of extreme heat
Extreme Precipitation	1.00	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth

Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	84.6
AQ-PM	88.5
AQ-DPM	10.0
Drinking Water	96.9
Lead Risk Housing	56.5
Pesticides	82.0
Toxic Releases	3.49
Traffic	2.45

Effect Indicators	—
CleanUp Sites	0.00
Groundwater	56.9
Haz Waste Facilities/Generators	74.7
Impaired Water Bodies	33.2
Solid Waste	70.4
Sensitive Population	—
Asthma	74.8
Cardio-vascular	67.9
Low Birth Weights	18.0
Socioeconomic Factor Indicators	—
Education	94.3
Housing	75.3
Linguistic	96.0
Poverty	90.7
Unemployment	99.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	9.983318363
Employed	24.27819838
Median HI	12.5882202
Education	—
Bachelor's or higher	10.88156037
High school enrollment	100

Preschool enrollment	15.03913769
Transportation	—
Auto Access	52.22635699
Active commuting	53.67637624
Social	—
2-parent households	57.61580906
Voting	65.01988964
Neighborhood	—
Alcohol availability	55.13922751
Park access	4.709354549
Retail density	2.386757346
Supermarket access	6.954959579
Tree canopy	65.31502631
Housing	—
Homeownership	57.19235211
Housing habitability	26.78044399
Low-inc homeowner severe housing cost burden	18.2599769
Low-inc renter severe housing cost burden	24.44501476
Uncrowded housing	16.61747722
Health Outcomes	—
Insured adults	15.50109072
Arthritis	0.0
Asthma ER Admissions	47.0
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0

Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	16.4
Cognitively Disabled	41.3
Physically Disabled	49.3
Heart Attack ER Admissions	56.2
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	84.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	29.7
Elderly	67.6
English Speaking	11.4
Foreign-born	68.7
Outdoor Workers	0.4
Climate Change Adaptive Capacity	—
Impervious Surface Cover	90.5
Traffic Density	1.6

Traffic Access	0.0
Other Indices	—
Hardship	91.6
Other Decision Support	—
2016 Voting	58.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	84.0
Healthy Places Index Score for Project Location (b)	17.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Electrical demand is provided by Southern California Edison
Construction: Construction Phases	Change reflects anticipated construction schedule

Construction: Off-Road Equipment	Change reflects anticipated construction equipment requirements
Construction: Electricity	All electricity continues to be supplied by the onsite solar array
Operations: Vehicle Data	Change reflects anticipated vehicle information from the project description.
Operations: Architectural Coatings	No new building construction anticipated
Operations: Energy Use	Change reflects the anticipated increase in natural gas consumption at the site. 35 MMscf/year converted to kBTU using omnicalculator.com.
Operations: Water and Waste Water	Change reflects the anticipated increase in water use at the site. Used www.unitconverters.net to convert 76.7 ac-ft to gallon.
Operations: Solid Waste	Adjusted as per project description.
Operations: Fleet Mix	Adjusted as per anticipated fleet mix for the project

Appendix D

Cultural Resources Investigation and
AB 52 Tribal Consultation

Cultural Resources Inventory Report

for the

Setton Pistachio Treated Wastewater Land Application Expansion Project

Prepared for:
Setton Pistachio of Terra Bella, Inc.
9370 Road 234
Terra Bella, CA

May 2023

Cultural Resources Inventory Report for the Setton Pistachio Treated Wastewater Land Application Expansion Project

Prepared by:

Ascent

Roberto Mora, RPA
455 Capitol Mall, Suite 300
Sacramento, CA 95814

Prepared for:

Setton Pistachio of Terra Bella, Inc.

9370 Road 234
Terra Bella, California 93270

May 2023

Confidential: Archaeological and traditional property locations are considered confidential and should not be disclosed to the general public or unauthorized persons. This document contains sensitive information regarding the nature and location of archaeological sites. Public access to information regarding the location, character, or ownership of a cultural or heritage resource is restricted by law per Section 304 of the National Historic Preservation Act; Section 9(a) of the Archaeological Resources Protection Act; Executive Order 13007; and is exempt from the California Public Records Act under Government Code Section 6254.10.

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LIST OF ABBREVIATIONS

Ascent	Ascent Environmental
Cal	calibrated
CEQA	California Environmental Quality Act
CHRIS	California Historical Resources Information System
CRHR	California Register of Historical Resources
DPR	California Department of Parks and Recreation
LAAs	Land Application Areas
MGY	million gallons per year
MLD	Most Likely Descendant
NAHC	Native American Heritage Commission
NETR	Nationwide Environmental Title Research, LLC
NRHP	The National Register of Historic Places
PRC	California Public Resources Code
Qc	Pleistocene nonmarine sedimentary rocks from the Quaternary period
Setton	Setton Pistachio of Terra Bella, Inc.
SLF	Sacred Lands File
SR	State Route
SSJVIC	Sothern San Joaquin Valley Information Center

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EXECUTIVE SUMMARY

PURPOSE AND SCOPE

Ascent Environmental (Ascent) assisted Setton Pistachio of Terra Bella, Inc. (Setton) to perform a cultural resources inventory for the Setton Pistachio Treated Wastewater Land Application Expansion Project (project) located within the town of Terra Bella, in Tulare County. The services provided included a records search at the Southern San Joaquin Valley Information Center (SSJVIC), a Sacred Lands File (SLF) search through the Native American Heritage Commission (NAHC), intensive pedestrian survey of the project site, and an assessment of potential impacts. This study was completed in compliance with Section 15064.5(a)(2)-(3) of the California Environmental Quality Act (CEQA) Guidelines, using the criteria outlined in Section 5024.1 of the California Public Resources Code (PRC). The presence of, or the potential for the presence of tribal cultural resources as defined by PRC Section 21074, is not included in this study.

FINDINGS OF THE INVESTIGATION

The California Historical Resources Information System (CHRIS) records search indicated that one cultural resource study has been completed within project site, and one additional study has been completed outside the project site but within the 0.5-mile record search radius (Appendix A). The CHRIS search also indicated one cultural resource has been previously recorded within the project site, but no cultural resources have been recorded within the 0.5-mile search radius.

A search of the SLF administered by the NAHC was conducted on February 27, 2023 (Appendix B). The results of the search were negative for the presence of known cultural resources of tribal importance. Attached to the results was a list of Native American tribes who may also have knowledge of cultural resources in the project site. Emails describing the project and its location were sent to the individuals and tribes listed on March 31, 2023. Follow-up information requests were sent April 14, 2023. Results of the emails are provided in Section 2.3.1.

A pedestrian survey of the project site was conducted on April 13, 2023, by Ascent's, staff archaeologist, Roberto Mora, RPA. The portion of the previously-identified archaeological resource (P-54-004626) was no longer present within the project site. No new archaeological resources were identified as a result of the pedestrian survey.

INVENTORY CONCLUSION AND RECOMMENDATIONS

No unique archaeological sites or historical resources were identified within the project site as a result of the background research and pedestrian survey. In addition, analysis of geotechnical data for the project site indicates there is a very low possibility for the presence of archaeological resources to be present within the project site. However, even though no cultural resources have been identified as a result of this cultural study, it is still recommended that the following measures be applied to the project:

- Inadvertent Discoveries – Archaeological Resources: If archaeological materials are inadvertently discovered during ground-disturbing activities, including midden soils, stone tools, chipped stone, baked clay, or concentrations of shell, bone, charcoal, glass, metal, or ceramics, all work shall cease within 100 feet (30.5 meters) of the find and the services of a professional archaeologist shall be retained immediately. At that time, Tulare County shall coordinate any necessary investigation of the site with the archaeologist as needed to evaluate the significance of the resource per PRC Section 5024.1 and 21083.2(g) and provide proper management recommendations. If the find is determined to be a historical resource and/or a unique archeological resource, contingency funding and a time allotment sufficient to allow for implementation of avoidance measures and/or mitigation will be made available. Possible management recommendations for significant resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary by the archeologist for the protection of the cultural resources. Do not resume work in the area of the discovery until directed to do so by the archaeologist.

Discovery of human remains is not expected; however, if human remains should be discovered, the following measure should be implemented.

- Inadvertent Discovery of Human Remains: If human remains are discovered during construction activities, work within 100 feet (30.5 meters) of the remains shall be stopped immediately, and the project proponent shall notify the Tulare County Coroner, in accordance with Section 5097.98 of the PRC and Section 7050.5 of California's Health and Safety Code. If the remains are determined by the coroner to be Native American, the coroner will notify the Native American Heritage Commission within 24 hours, and they will designate a Most Likely Descendant (MLD). Together the landowner and the MLD shall determine the ultimate treatment and disposition of the remains in accordance with PRC Section 5097.94.

DISPOSITION OF DATA

This report will be filed with the SSJVIC at California State University, Bakersfield, and Ascent Environmental Inc.'s office in Sacramento. All field notes and other documentation related to the study are on file at Ascents' Sacramento office.

PERSONNEL QUALIFICATIONS

Roberto Mora has 8 years of cultural resource management experience in throughout the western United States. throughout the western United States. He has served as the lead archaeological technician and co-field director on a variety of project types. Roberto has expertise in the precontact history of the Great Basin and California, human osteology, faunal remains, monitoring, survey and excavation methods, and laboratory analysis. His experience includes archaeological survey, monitoring, excavation, laboratory processing and cataloging, report writing, and data recovery of precontact and historic-era archaeological sites. Roberto meets the Secretary of the Interior's Standards for archaeology and the Caltrans Professional Qualification Standards as a principal investigator in precontact archaeology.

1 INTRODUCTION

Setton Pistachio of Terra Bella, Inc. (Setton) retained Ascent to complete a cultural resources inventory report for the project, located in Terra Bella, California. For the Setton Terra Bella Pistachio Facility to utilize its current design capacity during the pistachio harvest season, additional wastewater discharge capacity is necessary. Therefore, Setton is proposing to add 89 acres of the Land Application Areas (LAAs) to expand their wastewater disposal capacity. Improvements to the existing wastewater treatment facilities are also proposed to protect the beneficial uses of water, prevent nuisance conditions, and comply with waste discharge requirements issued by the Central Valley Regional Water Quality Control Board. Tulare County (County) is the lead agency for this project.

Ascent conducted this cultural resources inventory report in compliance with the PRC Section 21083.2 and CEQA Guidelines Section 15064.5. This report details the methods and results of the study, which consisted of a records search, a Sacred Lands File search and tribal outreach, an intensive pedestrian field survey, and a potential impact assessment for cultural resources.

1.1 PROJECT DESCRIPTION AND LOCATION

The Setton Terra Bella Pistachio Facility is located at 9370 Road 234, in the unincorporated Town of Terra Bella, east of State Route (SR) 65, in Tulare County (Figure 1-1). This facility includes wastewater treatment facilities, which are located east and west of SR 65 and south of SR 190.

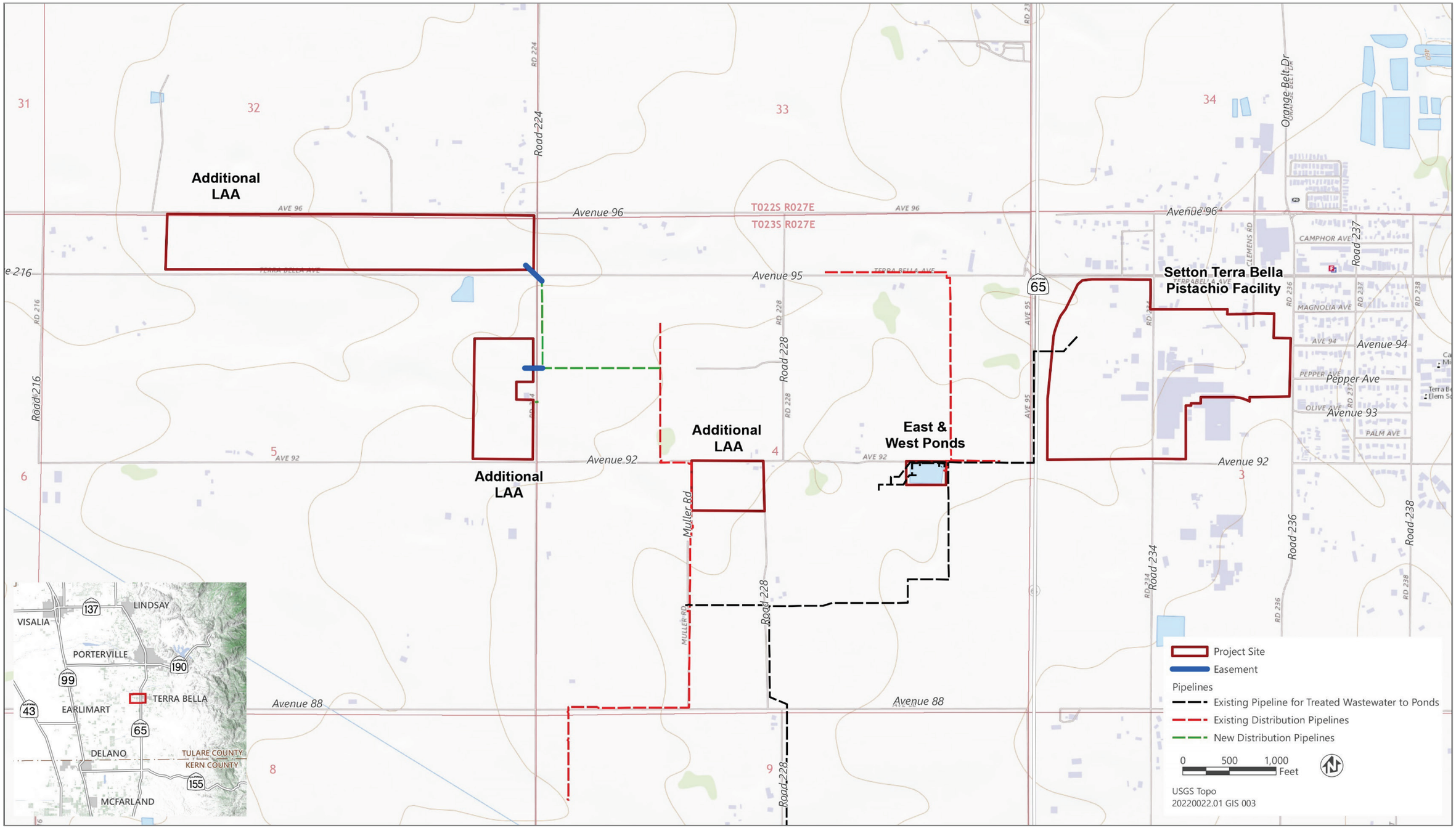
The proposed project site would involve improvements to the existing wastewater treatment facilities, the East and West storage ponds, and 89 acres of new LAAs (Figure 1-2). As illustrated in Figure 1-2, the additional 89 acres would include APNs 320-040-004, -005, -006, -007, -008, -009; 320-040-034; and 320-070-023, -024, and -025 (89 acres of pistachio orchards with crop cover). The sites are owned by Setton and are zoned AE-20 (Exclusive Agricultural Zone - 20 Acre Minimum) by the County. The proposed LAAs are surrounded by land developed with agriculture and local roads. The project area is relatively flat, sloping gently to the southwest with a slope of 20 to 40 feet per mile at elevations ranging from approximately 443 to 500 feet above mean sea level.

To allow the Setton Pistachio Terra Bella Facility to fully utilize its current design capacity during the pistachio harvest season, Setton is proposing to add 89 acres of LAAs to expand the treated wastewater disposal capacity (Figure 1-2). The additional LAAs would allow Setton Pistachio to increase the annual wastewater discharge from 60 million gallons per year (MGY) to 85 MGY (maximum daily discharge rates would remain at 3 million gallons), allowing the facility to fully utilize its current design capacity. The project would include installation of a 15-inch subsurface pipeline to connect the additional LAAs to the existing treated wastewater distribution pipelines as well as the installation of high-efficiency drip irrigation lines within the LAAs.

Construction is anticipated to begin in August 2023 and take weeks. Per Tulare County regulations, construction activity, including activities in staging areas and hauling of materials, would be restricted to daytime hours (7:00 a.m. to 7:00 p.m.), unless special permits are issued. No night construction is planned or anticipated. Minor grading and trenching would be necessary for installation of the pipelines. Trenches would be backfilled; no soil or other earthen material would import, and none would be off hauled. Construction would not require any pile driving, blasting with explosives, or boring. The existing site drainage would not be modified and there would be no increase in impervious surfaces due to the project.

Source: Adapted by Ascent Environmental in 2023.

Figure 1-1 Regional Location



Source: Adapted by Ascent Environmental in 2023.

Figure 1-2 Project Site

1.2 REGULATORY CONTEXT

1.2.1 State

CALIFORNIA REGISTER OF HISTORICAL RESOURCES

All properties in California that are listed in or formally determined eligible for listing in the National Register of Historic Places (NRHP) are eligible for listing in the California Register of Historical Resources (CRHR). The CRHR is a listing of State of California resources that are significant in the context of California's history. It is a Statewide program with a scope and with criteria for inclusion similar to those used for the NRHP. In addition, properties designated under municipal, or county ordinances are also eligible for listing in the CRHR.

A historic resource must be significant at the local, state, or national level under one or more of the criteria defined in the California Code of Regulations Title 15, Chapter 11.5, Section 4850 to be included in the CRHR. The CRHR criteria are tied to CEQA because any resource that meets the criteria below is considered a significant historical resource under CEQA. As noted above, all resources listed in or formally determined eligible for listing in the NRHP are automatically listed in the CRHR.

The CRHR uses four evaluation criteria for significance:

Criterion 1. Is associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States.

Criterion 2. Is associated with the lives of persons important to local, California, or national history.

Criterion 3. Embodies the distinctive characteristics of a type, period, region, or method of construction; represents the work of a master; or possesses high artistic values.

Criterion 4. Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

A property must have both significance and integrity to be considered eligible for listing in the CRHR. Loss of integrity, if sufficiently great, will overwhelm the historical significance of a resource and render it ineligible. Likewise, a resource can have complete integrity, but if it lacks significance, it must also be considered ineligible. Integrity is evaluated by regarding the property's retention of its location, design, setting, workmanship, materials, feeling, and association to its period of significance. These seven factors can be roughly grouped into three types of integrity considerations. Location and setting relate to the relationship between the property and its environment. Design, materials, and workmanship, as they apply to historic buildings, relate to construction methods and architectural details. Feeling and association are the least objective of the seven factors and pertain to the overall ability of the property to convey a sense of the historical time and place in which it was constructed.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

CEQA requires public agencies to consider the effects of their actions on "historical resources," and "unique archaeological resources." Pursuant to PRC Section 21084.1, a "project that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment." PRC Section 21083.2 requires agencies to determine whether projects would have effects on unique archaeological resources.

Historical Resources

"Historical resource" is a term with a defined statutory meaning (PRC Section 21084.1; State CEQA Guidelines Sections 15064.5[a] and [b]). Under State CEQA Guidelines Section 15064.5(a), historical resources include the following:

1) A resource listed in or determined to be eligible by the State Historical Resources Commission for listing in, the CRHR (PRC Section 5024.1).

2) A resource included in a local register of historical resources, as defined in PRC Section 5020.1(k) or identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1(g), will be presumed to be historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.

3) Any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be a historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource will be considered by the lead agency to be historically significant if the resource meets the criteria for listing in the CRHR (PRC Section 5024.1).

4) The fact that a resource is not listed in or determined to be eligible for listing in the CRHR, not included in a local register of historical resources (pursuant to PRC Section 5020.1[k]) or identified in a historical resources survey (meeting the criteria in PRC Section 5024.1[g]) does not preclude a lead agency from determining that the resource may be a historical resource as defined in PRC Sections 5020.1(j) or 5024.1.

Unique Archaeological Resources

CEQA also requires lead agencies to consider whether projects will affect unique archaeological resources. PRC Section 21083.2(g) states that "unique archaeological resource" means an archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets one or more of the following criteria:

1) Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.

2) Has a special and particular quality such as being the oldest of its type or the best available example of its type.

3) Is directly associated with a scientifically recognized important prehistoric or historic event or person.

Mitigation of Impacts to Archaeological Resources

Treatment options under PRC Section 21083.2 (b) to mitigate impacts to archaeological resources include activities that preserve such resources in place in an undisturbed state. PRC Section 21083.2 states:

(a) As part of the determination made pursuant to Section 21080.1, the lead agency shall determine whether the project may have a significant effect on archaeological resources. If the lead agency determines that the project may have a significant effect on unique archaeological resources, the environmental impact report shall address the issue of those resources. An environmental impact report, if otherwise necessary, shall not address the issue of nonunique archaeological resources. A negative declaration shall be issued with respect to a project if, but for the issue of nonunique archaeological resources, the negative declaration would be otherwise issued.

(b) If it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of that treatment, in no order of preference, may include, but are not limited to, any of the following:

   (1) Planning construction to avoid archaeological sites.

   (2) Deeding archaeological sites into permanent conservation easements.

(3) Capping or covering archaeological sites with a layer of soil before building on the sites.

(4) Planning parks, greenspace, or other open space to incorporate archaeological sites.

(c) To the extent that unique archaeological resources are not preserved in place or not left in an undisturbed state, mitigation measures shall be required as provided in this subdivision.

(d) Excavation as mitigation shall be restricted to those parts of the unique archaeological resource that would be damaged or destroyed by the project.

CALIFORNIA NATIVE AMERICAN HISTORICAL, CULTURAL, AND SACRED SITES ACT

The California Native American Historical, Cultural, and Sacred Sites Act (PRC Section 5097.9) applies to both State and private lands. The act requires, upon discovery of human remains, that construction or excavation activity cease and that the county coroner be notified. If the remains are those of a Native American, the coroner must notify the NAHC, which notifies (and has the authority to designate) the Most Likely Descendant (MLD) of the deceased. The act stipulates the procedures the descendants may follow for treating or disposing of the remains and associated grave goods.

HEALTH AND SAFETY CODE, SECTION 7050

Section 7050.5 of the Health and Safety Code requires that construction or excavation be stopped in the vicinity of discovered human remains until the coroner can determine whether the remains are those of a Native American. If they are determined to be those of a Native American, the coroner must contact NAHC.

PUBLIC RESOURCE CODE SECTION 5097

PRC Section 5097 specifies the procedures to be followed in the event of the unexpected discovery of human remains and paleontological resources on nonfederal land. The disposition of Native American human burials falls within the jurisdiction of the NAHC while local agencies have jurisdiction over the disposition of paleontological resources. Section 5097.5 of the Code states the following:

> No person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, or any other archaeological, paleontological, or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over such lands. Violation of this section is a misdemeanor.

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2 RECORDS SEARCHES AND TRIBAL OUTREACH

2.1 RECORDS SEARCH

On March 27, 2023, a records search that included the project site and a 0.5-mile radius around the project site was completed at the Southern San Joaquin Valley Information Center (SSJVIC), at California State University, Bakersfield (File No. 23-097). As part of the SSJVIC record search, the following information was reviewed:

- site records of previously recorded cultural resources,
- previous cultural studies,
- NRHP and CRHR listings,
- the California Historic Resources Inventory,
- Built Environment Resource Directory for Tulare County, and
- historical maps (USGS Topographic and GLO Plat maps).

Review of the SSJVIC records search results revealed that there is one previously recorded resource within the project site, but no previously recorded resources within the 0.5-mile radius of the project site (Appendix A). The records search also found that there was one previous investigation that comprised of approximately one percent of the project site, and one investigation that occurred within 0.5-mile. Table 2-1 lists the cultural resource within the project site and Table 2-2 lists the study within the project site.

Table 2-1 Resources Within the Project Site

Primary Number	Authors/Year	Age	Attribute Codes
P-54-004626	Ashkar and Fish 2001; Bakic 2001; Baker 2002; Freeman and Jones 2009; O'Neill and Walton 2012; Switalski 2012; Kile 2014; Foglia and Droessler 2016; Tibbett 2017; Lloyd 2017; Zamudio-Gurrola 2019; Azpitarte 2019; and Azpitarte and Escamilla 2020	Historic era	AH07 (Roads/trails/railroad grades); HP11 (Engineering structure); HP39 (Other) - Railroad grade

Source: Compiled by Ascent in 2023.

Table 2-2 Reports Within the Project Site

Report Number	Year	Author/Affiliation	Title	Approx. Percent of Project Site Investigated
Tulare-00102	1995	Hatoff, Voss, Waechter, Wee, and Bentel/Woodward-Clyde Consultants	*Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project*	1%

Source: Compiled by Ascent in 2023.

2.2 OTHER SOURCES

Additional research included review of historic USGS topographic maps and aerials available on-line from Nationwide Environmental Title Research, LLC (NETR). Historic USGS topographic maps from 1929 to 2021 and aerial images from 1956 to 2020 were reviewed. The aerial images and topo maps did not identify any development of the project site on the west side of SR 65 between 1929 and 2021. The west of the project site has primarily been used for agriculture. The aerial images on the east side of SR 65, the pistachio processing facility identified three built environment features directly adjacent to Road 234 (discussed further in Section 5.3). These possible features have been modified and/or expanded. Other minor development was removed or added after 1984. The historic topographic maps identified a segment of the Southern Pacific Railroad between 1929 and 1993, but in the 2012 the railroad segment was removed.

2.3 NATIVE AMERICAN OUTREACH

On February 27, 2023, Ascent received the negative results of the SLF search (Appendix B). Attached to the results letter was a list of Native American individuals/groups that may have knowledge of cultural resources in the project site. On March 31, 2023, emails were sent to all groups and individuals provided by the NAHC. Follow-up emails for were sent on April 14, 2023. No responses have been received to date. Table 2-3 provides a summary of who was contacted, how, when, and the response, if any. Copies of the correspondence are included in Appendix B.

Table 2-3 Native American Outreach Summary

Name and Title	Affiliation	Date and Medium of Initial Contact	Date and Medium of Follow-up Contact	Response Summary
Elizabeth Kipp, Chairperson	Big Sandy Rancheria of Western Mono Indians	March 31, 2023 Email	April 14, 2023 Email	None to date.
Neil Peyron, Chairperson	Tule River Indian Tribe	March 31, 2023 Email	April 14, 2023 Email	None to date.
Kerri Vera, Environmental Department	Tule River Indian Tribe	March 31, 2023 Email	April 14, 2023 Email	None to date.
Joey Garfield, Tribal Archaeologist	Tule River Indian Tribe	March 31, 2023 Email	April 14, 2023 Email	None to date.
Kenneth Woodrow, Chairperson	Wuksache Indian Tribe/Eshom Valley Band	March 31, 2023 Email	April 14, 2023 Email	None to date.

2.4 FIELD METHODS

An intensive archaeological survey of the project site was conducted on April 13, 2023 by Roberto Mora, RPA, of Ascent Environmental Inc. Transects measuring approximately 15 meters apart were used throughout areas of the project site with visible ground surfaces. A cursory survey was conducted in built-out and landscaped areas, such as the pistachio processing facilities and the east and west ponds. Special attention was given to bare patches of ground, excavated areas, rodent back dirt piles, cut-banks, berms, and exposed soils. Surveyed areas were photographed. The results of the survey are detailed in Section 5, below.

3 ENVIRONMENTAL SETTING

The project is located on the east side of the San Joaquin Valley near the base of the Sierra Nevada Mountains in the southeastern area of Tulare County. The community is situated approximately 40 miles north of Bakersfield and 65 miles southeast of Fresno. SR 65 is located within the westerly portion of Terra Bella and SR 99 is located approximately 13 miles west of SR 65. Both of these highways serve as primary regional access routes to the area (County of Tulare 2015: 10).

The southern San Joaquin Valley climate is influenced to a great extent by the Coast Ranges to the west which prevent the cool, moist sea breeze from reaching the valley. It is generally characterized as a Mediterranean climate (one of three similar zones in the world). The area in general has a climate that tends to be clear, sunny, warm and dry. The average temperatures range from a low of 34 degrees Fahrenheit in January to a high of 100 degrees Fahrenheit in July. Because of the Coast Ranges, the average rainfall for the area is very low, ranging from three to nine inches per year, with 90 percent of the yearly rainfall between November and April. There are periods in winter when the valley floor is covered with dense, wet ground fog; winds are typically light and from the northwest to the southeast (County of Tulare 2015: 14).

3.1 GEOLOGY AND SOILS

The project is located in the Great Valley geomorphic province that dates to the Quaternary period (2.58 million years ago- recent). The Quaternary period is the third and last of the three periods of the Cenozoic Era. This period is divided into two epochs, with the oldest being Pleistocene and the youngest being the Holocene. The project lies within the Pleistocene nonmarine sedimentary rocks (Qc). These rocks include alluvium, lake, playa, and terrace deposits of unconsolidated and semi-consolidated (CDC 2023).

The soils occurring in the project site are moderate-very deep, well drained soils (Table 3-1). The Centerville clay, San Joaquin loam, and Havala loam are located within the project (UCD Soils Web 2023).

Table 3-1 Soil Types in the Project Site

Soil Type	Description	Percent Within Project Site (Approx.)
Centerville Clay	The Centerville series consists of deep, well drained soils that formed in alluvium, mainly from granitic sources. Centerville soils are on alluvial fans and dissected stream terraces, and slopes range from 0 to 30 percent.	85%
Exeter Loam	The Exeter series consists of moderately deep to a duripan, moderately well drained soils that formed in alluvium mainly from granitic sources. Exeter soils are on alluvial fans and stream terraces and have slopes of 0 to 9 percent.	5%
Havala Loam	The Havala series consists of deep, well drained soils that formed from mixed alluvium. Havala soils are on old stream terraces and alluvial fans in mountain valleys and have slopes of 0 to 30 percent.	5%
San Joaquin loam	The San Joaquin series consists of moderately deep to a duripan, well and moderately well drained soils that formed in alluvium derived from mixed but dominantly granitic rock sources. They are on undulating low terraces with slopes of 0 to 9 percent.	5%

Source: UCD Soils Web 2023.

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4 CULTURAL SETTING

4.1 NATIVE AMERICAN PRECONTACT SETTING

A tripartite classification system for cultural change in the Central Valley has been standard since the 1930s. More recently, Rosenthal and others (2007), have adjusted this system based on modern radiocarbon calibration curves for the Georgian/Julian calendar (the terms B.C.E. for Before Common Era and C.E. for Common Era will be used). Based on this new system, the following classification system has been defined for the precontact period: Paleo-Indian (11,500–8550 cal [calibrated] B.C.E.), Lower Archaic (8550–5550 cal B.C.E.), Middle Archaic (5550–550 cal B.C.E.), Upper Archaic (550 cal B.C.E.– 1100 cal. C.E.), and Emergent Period (1100 cal C.E.–European Contact).

4.1.1 Paleo-Indian and Lower Archaic Periods (11,500–5550 cal B.C.E.)

There is little evidence of the Paleo-Indian and Lower Archaic periods in the Central Valley (Rosenthal et al. 2007: 151). Recent geoarchaeological studies have found that large segments of the Late Pleistocene landscape throughout the California lowlands have been buried or removed by periodic episodes of deposition and erosion. Periods of climate change and associated alluvial deposition occurred at the end of the Pleistocene (approximately 9050 cal B.C.E.) and at the beginning of the early Middle Holocene (approximately 5550 cal B.C.E.). Earlier studies had also estimated that Paleo-Indian and Lower Archaic sites along the lower stretch of the Sacramento River and San Joaquin River drainage systems had been buried by Holocene alluvium up to 33 feet (10 meters) thick that was deposited during the last 5,000 to 6,000 years (Rosenthal et al. 2007: 151; Spillane and Hayes 2021). The formation of the Sacramento–San Joaquin Delta began during the early Middle Holocene. After approximately 1,000 cal B.C.E. during the Late Holocene, there were renewed episodes of alluvial fan and floodplain deposition (Rosenthal et al. 2007).

The archaeological evidence that is available for the Paleo-Indian Period is primarily defined by basally thinned, fluted projectile points. These points are morphologically similar to well-dated Clovis points found elsewhere in North America. In the Central Valley, fluted points have been recovered from remnant features of the Pleistocene landscape at only three archaeological localities, the Woolfsen Mound in Merced County; Tracey Lake in San Joaquin County; and Tulare Lake basin in Kings County (Spillane and Hayes 2021: 10).

4.1.2 Middle Archaic Period (5550–550 cal B.C.E.)

Archaeological sites dating to the first 3,000 years of the Middle Archaic are relatively scarce in the Central Valley, mainly due to natural geomorphic processes (Rosenthal et al. 2007). On the valley floor, sites are more common after 2550 cal. B.C.E. The archaeological record in the valley and foothills indicates the subsistence system during this period included a wide range of natural resources (e.g., plants, small and large mammals, fish, and waterfowl) indicating people followed a seasonal foraging strategy. Some researchers (e.g., Moratto 1984) suggest populations may have occupied lower elevations during the winter and moved to higher elevations in the summer. Others (e.g., Rosenthal et al. 2007) suggest there was increasing residential stability along Central Valley River corridors during the Middle Archaic.

Excavations at Windmiller Pattern sites have yielded abundant remains of terrestrial fauna (deer, tule elk, pronghorn, and rabbits) and fish (sturgeon, salmon, and smaller fishes). Projectile points with triangular blades and contracting stems are common at Windmiller Pattern sites. A variety of fishing implements such as angling hooks, composite bone hooks, spears, and baked clay artifacts, which may have been used as net or line sinkers, are also relatively common. The points are classified within the Sierra Contracting Stem and Houx Contracting Stem series (Spillane and Hayes 2021: 10). The presence of milling implements (grinding slabs, handstones, and mortar fragments) indicate that acorns or seeds were an important part of the Middle Archaic diet.

The presence of numerous trade goods within Middle Archaic assemblages indicate that populations were already part of a complex regional trade network. Obsidian sources include eastern Sierra sources (e.g., Bodie Hills, Casa

Diablo, Coso, and Mount Hicks), North Coast Range (e.g., Napa Valley and Borax Lake), and southern Cascades (e.g., Tuscan) (Rosenthal et al. 2007: 155). Olivella shell beads make their first appearance in the study area during the Early Period, indicating trade with Southern California coastal groups (Hughes and Milliken 2007: 268-269). Lastly, burial complexes with large populations and elaborate grave offerings indicate extended residential occupancy.

4.1.3 Upper Archaic Period (550 cal B.C.E. – 1100 cal. C.E.)

The Upper Archaic is characterized by a shift over a 1,000-year period to the more specialized, adaptive Berkeley Pattern. Excavated archaeological sites dating to the Upper Archaic indicate an increase in mortar and pestle groundstone technology. This change is supported by dated palaeobotanical remains and a decrease in slab milling stones and handstones. Archaeologists generally agree mortars and pestles are better suited to crushing and grinding acorns, while milling slabs and handstones may have been used primarily for grinding wild grass grains and seeds (Spillane and Hayes 2021: 11). New types of shell beads, charmstones, bone tools, and ceremonial blades are additional evidence of the more specialized technology present during this period.

The artifact assemblage in Berkeley Pattern sites demonstrates that populations continued to exploit a variety plant and animal resources from different environmental zones, including grassland, riparian, and freshwater marsh settings. Deposits of this temporal period have a characteristic well-developed brown midden containing hearth features, fire-fractured rock, storage pits, and house floors. These features indicate that Upper Archaic sites were intensively occupied by large populations (Caltrans 2008: 68; Rosenthal et al. 2007: 156).

Berkeley Pattern artifact assemblages are also characterized by split, saddle and saucer shaped Olivella shell beads, abalone ornaments, and a variety of bone tool types. Charmstones are fishtail and asymmetrical spindle-shaped. Mortuary patterns are characterized by flexed burials in variable orientations and a paucity of grave goods. Some cremations have also been recorded in Middle Period cemeteries. Inhumations are sometimes accompanied by animal bones and animal-only burials have also been recorded (Zelazo 2013: 35). Obsidian from the North Coast Ranges and the east side of the Sierra Nevada Range indicate a slight shift in trade patterns away from more northernly sources.

4.1.4 Emergent Period (1100 cal. C.E. – European Contact)

The archaeological record for the Emergent or Late Prehistoric Period shows an increase in the number of archaeological sites associated with the Augustine Pattern in the Sacramento River Valley, as well as an increase in the number and diversity of artifacts. The Emergent Period was shaped by a number of cultural innovations, such as the bow and arrow and intricate fishing technology, as well as an elaborate social and ceremonial organization. Cultural patterns typical of the Emergent Period appear to be reflected in the cultural traditions known from historic period Native American groups.

Faunal and botanical remains recovered at Emergent Period archaeological sites indicate occupants relied on a diverse assortment of mammals, fish, and plant, including acorns and pine nuts. Hopper mortars, shaped mortars, and pestles are among the new technologies that appear during this time period. Small, Gunther barbed series projectile points have been found at sites dating to the early part of the period, while Desert-side notched points appear later in the period. The Stockton serrated arrow point also appears in archaeological assemblages dating to this period and in some parts of the lower Sacramento River Valley Cosumnes Brownware ceramics are present. The appearance of ceramics during this period is likely a direct improvement on the prior baked clay industry (Spillane and Hayes 2021: 12). Complex fishing instruments appear, such as the serrated fish harpoons, composite bone hooks, and the toggle harpoon (Zelazo 2013: 39).

During the Emergent Period, villages were located along major waterways with smaller settlements found in outlying areas. Settlements on natural levees and high spots in floodplains were common. House floors or other structural remains have been preserved at some sites dating to this period. The increase in sedentism and population growth led to the development of social stratification, with an elaborate social and ceremonial organization. Examples of items associated with rituals and ceremonials include flanged tubular pipes, incised patterned bird bone tubes and whistles, and baked clay effigies representing animals and humans. Mortuary practices changed to include flexed

burials, cremations with grave goods and offerings, and pre-interment burning in a burial pit. Currency, in the form of clamshell disk beads, also developed during the later part of the period together with extensive exchange networks that included the Pacific Northwest and southern California (Spillane and Hayes 2021: 12; Rosenthal et al. 2007: 159).

4.2 ETHNOGRAPHY

The Native Americans who occupied the project vicinity at the time of Euro-American contact (ca. 1850s) are known as the Southern Valley Yokuts. The Southern Yokuts homeland comprised Buena Vista, Kern, and Tulare lakes, their connecting sloughs, and the lower portions of the Kings, Kaweah, Tule, and Kern Rivers (Wallace 1978: 448). Signs of human presence go back in time at least 8,000 years, where a number of early-type projectile points, some of the fluted variety. It has been estimated that the Yokuts political unis averaged 350 persons each totaling over 5,000 for the southern San Joaquin Valley tribes.

The Yokuts established permanent villages. Residential structures were most often of two types: single-family dwellings and larger communal residences that housed ten families or more. Villages frequently included mat-covered granaries and a sweathouse.

Yokuts subsistence was based on a mixed economy focused on fishing, collecting, and hunting small game. Fishermen employed tule rafts and caught fish with nets, spears, basket traps, and bow and arrow. Yokuts often gathered mussels and hunted turtles in lakes, rivers, and streams. Wild seeds and roots contributed a large portion of the Yokuts diet. Tule roots were gathered, dried, and pounded into a flour to be prepared as a mush. Tule seeds and grass and flowering herb seeds were prepared in the same way. Leaves and stems of certain plants, such as clover and fiddle-neck, were also collected. Acorns, a staple of most California Native Americans, were not readily available in the Yokuts ethnographic territory. Some Yokuts tribes journeyed to neighboring groups to trade for acorns. Waterfowl was frequently hunted with snares, nets, and bow and arrow. Land mammals and birds contributed a smaller part of the Yokuts diet. Small game was occasionally taken in snares or traps or shot with bows and arrows.

The basic economic unit among the Yokuts was the nuclear family. Totemic lineages were based on patrilineal descent. Totem symbols were passed from father to offspring and families sharing the same totem formed an exogamous lineage. Totems were associated with one of two moieties, a division which played a role during ceremonies and other social events. Yokuts were split into self-governing local groups, most often including several villages. Each group had a chief who directed ceremonies, mediated disputes, handled punishment of those doing wrong, hosted visitors, and provided aid to the impoverished. In certain cases, settlements had two chiefs, one for each moiety. Other political positions included the chief's messenger and the spokesman.

Shamans were also an important part of Yokuts village life. The Yokuts' Shaman gained power through a dream or vision. If, after this vision, the man accepted the role as shaman, he would pray, fast, and acquire talismans to aid him in his future work. Shamans had the ability to heal the sick and served the primary role in religious life. Yokuts technology depended primarily on tule. Stems of the plant served as the raw material for baskets, cradles, boats, housing, and many other items. Tools such as knives, projectile points, and scraping tools were made from imported lithic materials as stone was not readily available in the Central Valley. Marine shells secured through trade with coastal peoples were used in the manufacture of shell money and personal adornment items (Wallace 1978).

4.3 CONTEMPORARY NATIVE AMERICAN SETTING

As archaeologists routinely focus on traditional Native American lifeways and ignore current and vibrant Native American culture, a sufficient context or set of values maintained by the current Native American community related to their history and the landscape is often ignored. To help remedy this, a discussion of the contemporary Native American setting is also included here. Historically, basket weaving was not only a common practice but a necessity of everyday life. Baskets were used for cooking, gathering and storage. "Baskets were the early Tupperware," says Basket Weaver and Tule River Tribal Member Nicola Larsen. Baskets are made of various materials available on the reservation, such as pine needle, willow, sour berry, etc. Today, Basket weaving is a revived skill that is practiced amongst various Tule River Tribal members.

At one time, there were many different dialects spoken amongst the original inhabitants on Tule River Indian Reservation. Today, some Tule River Tribal members still teach and practice their tribe's dialect to continue the culture. Denise Hunter teaches members of her community the Yowlumne dialect, with some Wukchumne. This is a tradition she has carried on from her great grandmother Mary Santiago. Nicola not only covers language but continues to teach other cultural practices such as acorn making, milk weed fiber making, songs, and so much more (TRI 2023).

4.4 HISTORIC PERIOD OVERVIEW

4.4.1 Regional History

Post-contact California history is divided into three distinct periods: the Spanish Period (1769–1822), the Mexican Period (1822–1848), and the American Period (1848–present). Although there were brief visits by Spanish, Russian, and British explorers from 1529 to 1769, the first significant settlement in California was established by the Spanish at San Diego in 1769. Between 1769 and 1823, 21 missions were built by the Spanish and the Franciscan Order along the coast between San Diego and San Francisco. The Spanish expeditions into the Central Valley in 1806 and 1808 led by Lieutenant Gabriel Moraga explored along the main rivers, including the American, Calaveras, Cosumnes, Feather, Merced, Mokelumne, Sacramento, San Joaquin, and Stanislaus. Moraga is said to have named the lower Sacramento River and the valley region Sacramento (Hoover et al. 2002).

In 1813, Moraga led another expedition in the lower portion of the Central Valley and gave the San Joaquin River its name (Hoover et al. 2002). The abundance of wildlife, such as waterfowl, fish, and fur-bearing animals, within or along the banks of the rivers attracted immigrants to this region. The last Spanish expedition into California's interior was led by Luis Arguello in 1817. He and his men traveled up the Sacramento River, past the future site of the City of Sacramento to the mouth of the Feather River, before returning to the coast (Beck and Haase 1974; Gunsky 1989).

The first American trapper to enter California was Jedediah Smith, who explored along the Sierra Nevada in 1826 and in 1827, entering the Sacramento Valley and traveling along the American and Cosumnes Rivers. In 1827, Smith also traveled through the San Joaquin Valley. Other trappers soon followed, including employees of the Hudson's Bay Company in 1832 (Hoover et al. 2002). Between 1830 and 1833, and again in 1837, diseases were introduced by the non-indigenous explorers, trappers, and settlers. These along with relocation to the missions, military raids, and settlement by non-native groups, decimated native Californian populations, communities, and tribes in the Sacramento and San Joaquin valleys (Cook 1976a; 1976b).

The American Period was initiated in 1848 with the signing of the Treaty of Guadalupe Hidalgo, which ended the Mexican–American War (1846–1848) and incorporated California as a territory of the United States. Gold was discovered at John Sutter's Mill on the American River in Coloma the same year, and by 1849, nearly 90,000 people had journeyed to the gold fields to share in the riches. In 1850, largely as a result of the Gold Rush, California became the thirty-first state. Four years later, the bustling boomtown of Sacramento became the state capital. In contrast to the economic boom and population growth that enabled statehood, the loss of land and territory (including traditional hunting and gathering locales), malnutrition, starvation, and violence contributed to the further decline of indigenous Californians from the Northern California coast to the Sierra Nevada foothills (Gunsky 1989).

4.4.2 Local History

Terra Bella was first called Deer Creek Switch, and then "Terrabella" until 1909. The Deer Creek area attracted sheep and cattlemen long before grain was planted in the area. Before the Southern Pacific Railroad came through in 1888, grain from the area had to be hauled to shipping platforms at Pixley, Tipton, and Alila. In 1890, the McNear Warehouse Company constructed warehouses in Terra Bella and Ducor, allowing grain to be shipped from both points.

Land colonization and real estate promotions brought citrus to Terra Bella. In 1908 a group incorporated the Terra Bella Development Company. The next year, a group from Southern California took control of the company. These men included George and Phillip Hart, Marco Hellman, F.J. Thomas, and Frank Ensign. They planned a townsite and

built streets, sidewalks, and a water system. The Hart brothers also built a large hotel, a bank, and a depot. Seven thousand surrounding acres were divided into small farms. Excursion trains from Southern California brought in hundreds of prospective buyers.

Although Lindsay became the region's major center of olive processing, the first olive processing plant was built in Terra Bella in 1907 by A. Adams of the Sunland Processing Company of Southern California. Olives were originally shipped in as the first record of an olive grove planted in Terra Bella was 1911. That same year "STOMA," the Southern Tulare County Olive Marketing Association, was established in Terra Bella.

In 1909 a tract of land northeast of Terra Bella was subdivided and sold to local German settlers. The Lutheran Colony grew and prospered over the years. The Zion Lutheran Church and the Zion School were built in 1909. In the early 1900s, Terra Bella suffered from a lack of water for irrigation. The Terra Bella Irrigation District was formed in 1915 but a series of dry years in the 1920s, followed by the Depression, brought bankruptcy to many investors. Land was sold for unpaid taxes and many people were forced to move away (County of Tulare 2015: 10).

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5 RESULTS

5.1 BACKGROUND RESEARCH RESULTS

The results of the SSJVIC record search found one cultural resource previously identified within the project site and that approximately one percent of the project site had been previously surveyed for cultural resources. Review of historic USGS topographic maps starting in 1929 and historic aerials starting in 1956 revealed that the area has undergone very little development on the west side of SR 65 consisting of mostly agriculture. Urban development on the east side of SR 65 started around 1984, which is not of age for built environment resources.

5.2 PEDESTRIAN SURVEY RESULTS

A survey of the project site was conducted on April 13, 2023. The total acreage surveyed at an intensive level was 167.7 acres (Figure 5-5). Approximately 50 percent of the project site is paved and/or built over, obstructing ground visibility. The pistachio processing facilities, paved surfaces, and east and west ponds obstructed ground visibility. A cursory survey was conducted in the built-over areas for the presence of historic-era and built environment features. In the other half of the project site ground visibility was moderate to poor, ranging between 10 to 60 percent due to dense 2-3 feet high wheat farms. Special attention was given to bare patches of ground, excavated areas, rodent back dirt piles, cut-banks, berms, and exposed soils when encountered. Disturbances included modern trash (plastic bags) beverage glass, plastic bottles. Transects measuring approximately 15 meters apart were used throughout areas with ground surface visibility in the project site. Figures 5-1 through 5-4 depict representational photographs of the project site. Overall, the survey found no presence of anthropogenic soils (i.e., midden), hearth features, or concentrations of shell, bone, or lithic materials that would have indicated the presence of a precontact indigenous archaeological deposit. No other historic-age archaeological resources were observed. The previously recorded historic era feature (P-54-004626) was not relocated because the resource is no longer present within the project site limits. It either has been removed or obscured by the paved access road.

Source: Ascent Environmental in 2023

Overview of LAA area with visible ground surface. North view. Taken on April 13, 2023.

Source: Ascent Environmental in 2023

Overview of LAA area with wheat farm obscuring ground visibility. East view. Taken on April 13, 2023.

Figure 5-1 Additional LAA Locations

Source: Ascent Environmental in 2023

Overview of area of proposed distribution pipeline, partially covered with fertilizer. North view. Taken on Taken on April 13, 2023.

Source: Ascent Environmental in 2023

Overview of area of proposed distribution pipeline. East view. Taken on April 13, 2023.

Figure 5-2 New Distribution Pipeline Locations

Source: Ascent Environmental in 2023

Overview of west pond. East View. Taken on April 13, 2023.

Source: Ascent Environmental in 2023

Overview of east pond. West view. Taken on April 13, 2023.

Figure 5-3 East and West Ponds

Source: Ascent Environmental in 2023

Overview of the western portion of the Pistachio facility. West view. Taken on April 13, 2023.

Source: Ascent Environmental in 2023

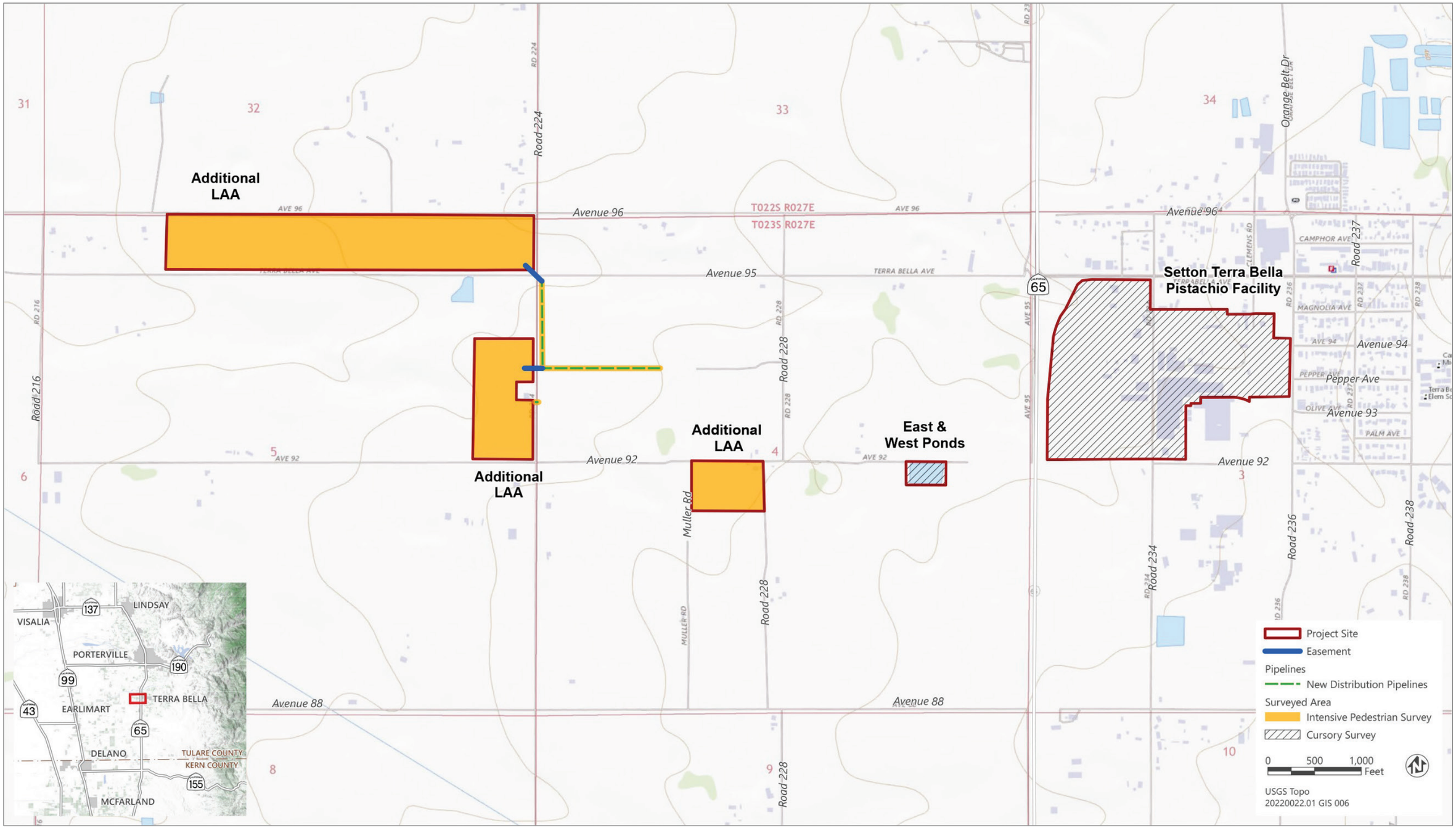
Overview of eastern portion of the Pistachio Facility. West view. Taken on April 13, 2023.

Figure 5-4 Setton Pistachio Facility

5.3 POTENTIAL FOR BURIED ARCHAEOLOGICAL DEPOSITS

There is one geologic unit present in the project site, the Pleistocene nonmarine sedimentary rocks from the Quaternary period (Qc; CDC 2023). These rocks include alluvium, lake, playa, and terrace deposits of unconsolidated and semi-consolidated. The soils within the project site are the Centerville clay, San Joaquin loam, and Havala loam series (UCD SoilWeb 2023).

Landscape evolution and historic and modern development can impact the visibility of the archaeological record, but research has shown that archaeological sites tend to occur in specific geo-environmental settings (e.g., near reliable water sources and on stable land surfaces) rather than randomly throughout the landscape. For example, geoarchaeological studies have found that distance to water sources (e.g., stream, lake, spring) and landform slope (generally <18%) are two environmental variables that help accurately predict a location's potential to contain buried archaeological deposits (e.g., Caltrans 2010; Caltrans 2008; Rosenthal and Meyer 2004a, 2004b). The topography of the terrain in the project site is flat. The nearest water source, Tule River, runs roughly east/west over 5 miles north of the project site. The soil types within the project site are generated in older geological unit (Pleistocene nonmarine) which has a low potential for buried sites (Caltrans 2008; Caltrans 2010). Therefore, the geography, geology, and soils across most of the project site suggest that the potential for the presence of buried deposits of cultural resources in the project site is low.



Source: Adapted by Ascent Environmental in 2023.

Figure 5-5 Survey Coverage

6 CONCLUSIONS AND RECOMMENDATIONS

The background research, which includes the SSJVIC record search, tribal outreach, and the pedestrian survey, did not result in the presence of unique archaeological sites or historical resources. In addition, the project site has been subject to farming and development that has resulted in very low sensitivity for buried archaeological resources.

The presence of, or the potential for the presence of tribal cultural resources as defined by PRC Section 21074, is not included in this study.

Although no cultural resources have been identified as a result of this cultural study, it is recommended that the following measures be implemented for the project.

- Inadvertent Discoveries: If archaeological materials are inadvertently discovered during ground-disturbing activities, including midden soils, stone tools, chipped stone, baked clay, or concentrations of shell, bone, charcoal, glass, metal, or ceramics, all work shall cease within 100 feet (30.5 meters) of the find and the services of a professional archaeologist shall be retained immediately. At that time, the County shall coordinate any necessary investigation of the site with the archaeologist as needed to evaluate the significance of the resource per PRC Section 5024.1 and 21083.2(g) and provide proper management recommendations. If the find is determined to be a historical resource and/or a unique archeological resource, contingency funding and a time allotment sufficient to allow for implementation of avoidance measures and/or mitigation will be made available. Possible management recommendations for significant resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary by the archeologist for the protection of the cultural resources. Do not resume work in the area of the discovery until directed to do so by the archaeologist.

Discovery of human remains is not expected; however, if human remains should be discovered, the following measure should be implemented.

- Inadvertent Discovery of Human Remains: If human remains are discovered during construction activities, work within 100 feet (30.5 meters) of the remains shall be stopped immediately, and the project proponent shall notify the Tulare Coroner, in accordance with Section 5097.98 of the PRC and Section 7050.5 of California's Health and Safety Code. If the remains are determined by the coroner to be Native American, the coroner will notify the NAHC within 24 hours, and the NAHC will designate a Most Likely Descendant (MLD). Together the land-owner and the MLD shall determine the ultimate treatment and disposition of the remains in accordance with PRC Section 5097.94

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7 REFERENCES

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Appendix A

Record Search Results

California Historical Resources Information System

Fresno
Kern
Kings
Madera
Tulare

Southern San Joaquin Valley Information Center
California State University, Bakersfield
Mail Stop: 72 DOB
9001 Stockdale Highway
Bakersfield, California 93311-1022
(661) 654-2289
E-mail: ssjvic@csub.edu
Website: www.csub.edu/ssjvic

3/27/2023

Roberto Mora
Ascent Environmental, Inc.
455 Capitol Mall Ste 300
Sacramento, CA 95814

Re: 20220022.01 Setton Pistachio Terra Bella EIR
Records Search File No.: 23-097

The Southern San Joaquin Valley Information Center received your record search request for the project area referenced above, located on the Ducor USGS 7.5' quad. The following reflects the results of the records search for the project area and the 0.5 mile radius:

As indicated on the data request form, the locations of resources and reports are provided in the following format: ☒ custom GIS maps ☐ GIS data

Resources within project area:	P-54-004626
Resources within 0.5 mile radius:	None
Reports within project area:	TU-00102
Reports within 0.5 mile radius:	TU-01825

Resource Database Printout (list):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Database Printout (details):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Digital Database Records:	☐ enclosed	☒ not requested	☐ nothing listed
Report Database Printout (list):	☒ enclosed	☐ not requested	☐ nothing listed
Report Database Printout (details):	☒ enclosed	☐ not requested	☐ nothing listed
Report Digital Database Records:	☐ enclosed	☒ not requested	☐ nothing listed
Resource Record Copies:	☒ enclosed	☐ not requested	☐ nothing listed
Report Copies:	☒ enclosed	☐ not requested	☐ nothing listed
OHP Built Environment Resources Directory:	☐ enclosed	☐ not requested	☒ nothing listed
Archaeological Determinations of Eligibility:	☒ enclosed	☐ not requested	☐ nothing listed
CA Inventory of Historic Resources (1976):	☐ enclosed	☐ not requested	☒ nothing listed

Caltrans Bridge Survey: Not available at SSJVIC; please see https://dot.ca.gov/programs/environmental-analysis/cultural-studies/california-historical-bridges-tunnels

Ethnographic Information: Not available at SSJVIC

Historical Literature: Not available at SSJVIC

Historical Maps: Not available at SSJVIC; please see http://historicalmaps.arcgis.com/usgs/

Local Inventories: Not available at SSJVIC

GLO and/or Rancho Plat Maps: Not available at SSJVIC; please see http://www.glorecords.blm.gov/search/default.aspx#searchTabIndex=0&searchByTypeIndex=1 and/or http://www.oac.cdlib.org/view?docId=hb8489p15p;developer=local;style=oac4;doc.view=items

Shipwreck Inventory: Not available at SSJVIC; please see https://www.slc.ca.gov/shipwrecks/

Soil Survey Maps: Not available at SSJVIC; please see http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

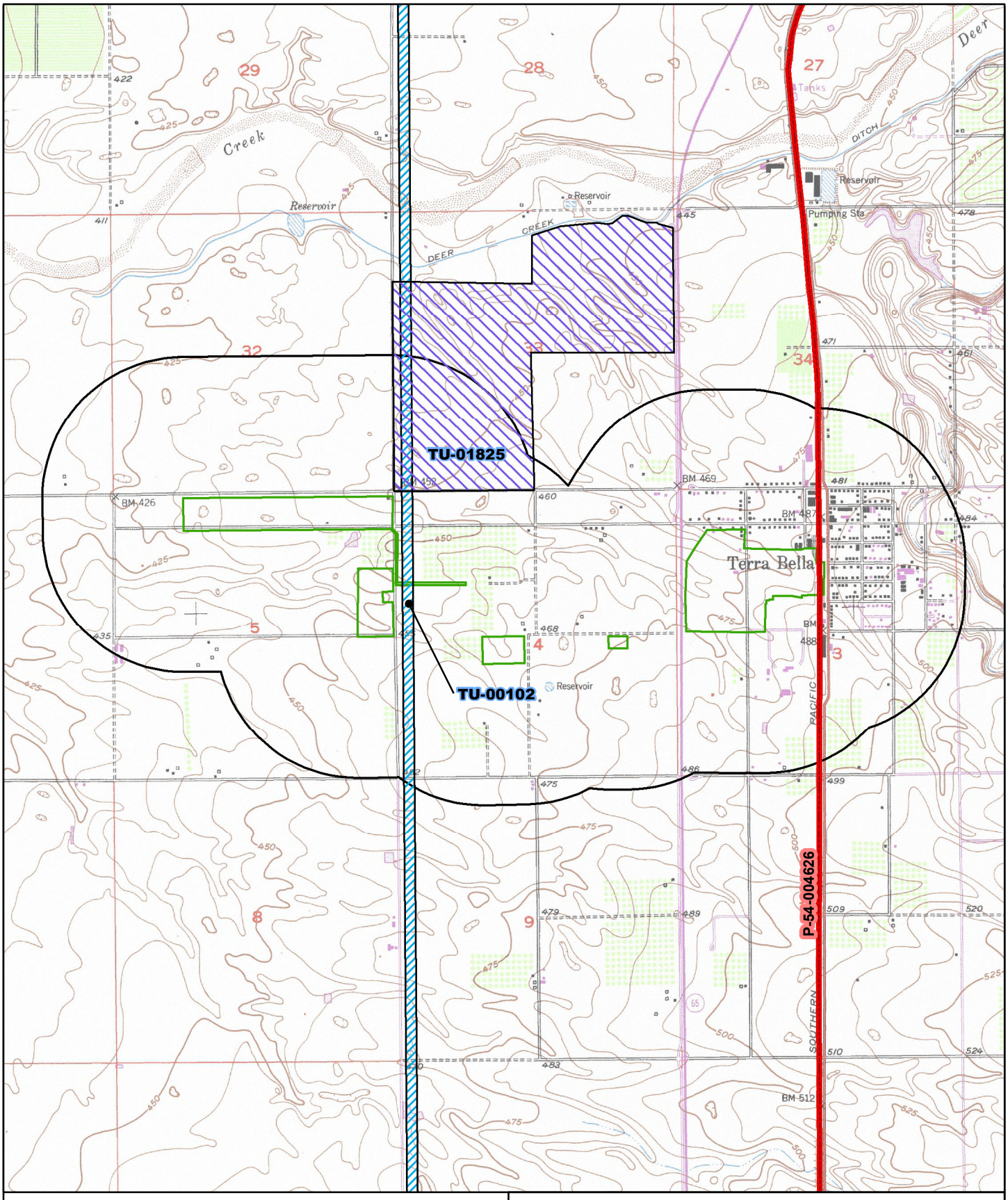
Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Invoices for Information Center services will be sent under separate cover from the California State University, Bakersfield Accounting Office.

Thank you for using the California Historical Resources Information System (CHRIS).

Sincerely,

Jeremy E David
Assistant Coordinator



May depict confidential cultural resource locations.
Do not distribute.

0 0.15 0.3 0.6 Miles

0 0.225 0.45 0.9 Kilometers

N

Project Area

Record Search radius

SSJV Information Center Record Search 23-097
Requester: Roberto Mora, Ascent Environmental
Project Name: 20220022.01 Setton Pistachio Terra Bella EIR
USGS 7.5' Quad(s): Ducor
County: Tulare

Report List

SSJVIC Record Search 23-097

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
TU-00102	NADB-R - 1140863	1995	Hatoff, Brian, Voss, Barb, Waechter, Sharon, Wee, Stephen, and Benté, Vance	Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project	Woodward-Clyde Consultants	54-002160
TU-01825	IC Record Search Nbr - 17-463	2018	Koenig, Heidi and Alexander, Doug	Deer Creek Solar I LLC Deer Creek I Solar Project Tulare County, California	ESA-Cultural Resources Group	

Resource List

SSJVIC Record Search 23-097

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-54-004626	CA-TUL-002880H	Resource Name - Southern Pacific Railroad; San Joaquin Valley Railroad; Other - VIS MK4; TSC-4; Historic Railroad Segment; JTU-128; WPD-1; TR-1;; Other - Porterville Northeastern Railway Segment; SJVRR; Stockton and Tulare Railroad; OHP Z-number - TUL-Z00005	Structure	Historic	AH07; HP11; HP39	2001 (S. Ashkar, C. Fish, Jones & Stokes); 2001 (Tracy Bakic, PAR Environmental Services, Inc.); 2002 (Cindy Baker, PAR Environmental Services, Inc.); 2009 (Joseph Freeman and Jarma Jones, JRP Historical Consulting, LLC.); 2012 (Hubert Switalski, AMEC Environmental, Inc.); 2012 (M. O'Neill, M. Walton, Pacific Legacy, Inc.); 2012 (Hubert Switalski, AMEC Environmental, Inc.); 2014 (Mark Kile, URS); 2016 (Shannon E. Foglia, Rachel Droessler, AECOM); 2017 (R. Azpitarte, ASM Affiliates, Inc.); 2017 (Josh Tibbett, Applied EarthWorks, Inc.); 2017 (Joy Lloyd, Applied EarthWorks, Inc.); 2019 (R. Azpitarte, ASM Affiliates, Inc.); 2019 (Susan Zamudio-Gurrola, Rincon Consultants, Inc.); 2020 (R. Azpitarte, S. Escamilla, ASM Affiliates, Inc.)	TU-01655, TU-01764, TU-01783, TU-01831, TU-01837, TU-01872, TU-01886, TU-01889

Appendix B

Tribal Correspondence

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
[Vacant]

COMMISSIONER
[**Vacant**]

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

February 27, 2023

Roberto Mora
Ascent Environmental

Via Email to: roberto.mora@ascentenvironmental.com

Re: 20220022.01 Setton Pistachio Terra Bella Project, Tulare County

Dear Mr. Mora:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Cameron.vela@nahc.ca.gov.

Sincerely,

Cameron Vela

Cameron Vela
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Tulare County
2/27/2023

Big Sandy Rancheria of Western Mono Indians
Elizabeth Kipp, Chairperson
P.O. Box 337 — Western Mono
Auberry, CA, 93602
Phone: (559) 374 - 0066
Fax: (559) 374-0055
lkipp@bsrnation.com

Tule River Indian Tribe
Neil Peyron, Chairperson
P.O. Box 589 — Yokut
Porterville, CA, 93258
Phone: (559) 781 - 4271
Fax: (559) 781-4610
neil.peyron@tulerivertribe-nsn.gov

Tule River Indian Tribe
Kerri Vera, Environmental Department
P. O. Box 589 — Yokut
Porterville, CA, 93258
Phone: (559) 783 - 8892
Fax: (559) 783-8932
kerri.vera@tulerivertribe-nsn.gov

Tule River Indian Tribe
Joey Garfield, Tribal Archaeologist
P. O. Box 589 — Yokut
Porterville, CA, 93258
Phone: (559) 783 - 8892
Fax: (559) 783-8932
joey.garfield@tulerivertribe-nsn.gov

Wuksache Indian Tribe/Eshom Valley Band
Kenneth Woodrow, Chairperson
1179 Rock Haven Ct. — Foothill Yokut
Salinas, CA, 93906 — Mono
Phone: (831) 443 - 9702
kwood8934@aol.com

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed 20220022.01 Setton Pistachio Terra Bella Project, Tulare County.

From: Roberto Mora
To: lkipp@bsrnation.com
Subject: RE: Setton Pistachio Facility Project- Request for Information
Date: Friday, April 14, 2023 2:59:00 PM
Attachments: 20220022_01_GIS_003_Site_Topo.pdf
image001.png
image002.png
image003.png
image004.png

Good afternoon,

This email is to follow-up on a request for information regarding the Setton Pistachio Facility Project sent to you on March 31, 2023. A map of the project area is attached again here for your reference.

The Native American Heritage Commission has identified you as someone who may have information concerning cultural resources of tribal concern which may be present in the project area. If you or the Tribe has any knowledge of such resources within the project area, and are willing to share their nature and location, please let me know. My contact information is provided below.

Thank you for your time and attention.

Roberto Mora, MA, RPA
Archaeologist
Pronouns: he/him/his - Why do pronouns matter?
D 916.732.3328 | C 916.330.0624
E Roberto.Mora@AscentEnvironmental.com

ASCENT Careers @ Ascent

Ascent Environmental, Inc
455 Capitol Mall, Suite 300
Sacramento, CA 95814
O 916.444.7301

From: Roberto Mora
Sent: Friday, March 31, 2023 3:23 PM
To: lkipp@bsrnation.com
Subject: Setton Pistachio Facility Project- Request for Information

Good afternoon!

I am contacting you today as part of the cultural resources background investigation for the Setton Pistachio Facility Project located within Terra Bella, Tulare County (Five miles south of Porterville). The project is located on the Ducor USGS 7.5' quadrangle T 23S R 27E Sections 03, 04, and 05. A map of the project location is attached to this email.

Project Description

The Setton Pistachio Facility Project proposes to add 89 acres of LAAs to expand their wastewater treatment disposal capacity. The project would include installation of a 15-inch subsurface pipeline to connect the additional LAAs to the existing Setton wastewater treatment facility and installation

of irrigation lines within the LAAs. Encroachment permits would be required from Tulare County for pipelines from the wastewater treatment facilities to the new LAAs. The additional LAAs would allow Setton Pistachio to increase the annual wastewater discharge from 60 million gallons per year (MGY) to 85 MGY (maximum daily discharge rates would remain at 3 million gallons), allowing the facility to more fully utilize its permitted capacity. Improvements to the existing wastewater treatment facilities are also proposed to achieve water quality requirements pursuant to the Regional Board permit. Tulare County is the lead agency for this project.

Request for Information

If you or anyone in your organization has any knowledge of significant historical people, events, or cultural resources within the project area, and can share their nature and location, please let me know.

Thank you for your time and attention.

Roberto Mora, MA, RPA
Archaeologist
Pronouns: he/him/his - Why do pronouns matter?
D 916.732.3328 | **C** 916.330.0624
E Roberto.Mora@AscentEnvironmental.com

Ascent Environmental, Inc
455 Capitol Mall, Suite 300
Sacramento, CA 95814
O 916.444.7301

From:	Roberto Mora
To:	neil.peyron@tulerivertribe-nsn.gov; kerri.vera@tulerivertribe-nsn.gov; joey.garfield@tulerivertribe-nsn.gov
Subject:	RE: Setton Pistachio Facility Project- Request for Information
Date:	Friday, April 14, 2023 3:00:00 PM
Attachments:	20220022_01_GIS_003_Site_Topo.pdf image001.png image002.png image003.png image004.png

Good afternoon,

This email is to follow-up on a request for information regarding the Setton Pistachio Facility Project sent to you on March 31, 2023. A map of the project area is attached again here for your reference.

The Native American Heritage Commission has identified you as someone who may have information concerning cultural resources of tribal concern which may be present in the project area. If you or the Tribe has any knowledge of such resources within the project area, and are willing to share their nature and location, please let me know. My contact information is provided below.

Thank you for your time and attention.

Roberto Mora, MA, RPA
Archaeologist
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D 916.732.3328 | C 916.330.0624
E Roberto.Mora@AscentEnvironmental.com

ASCENT Careers @ Ascent

Ascent Environmental, Inc
455 Capitol Mall, Suite 300
Sacramento, CA 95814
O 916.444.7301

From: Roberto Mora
Sent: Friday, March 31, 2023 3:21 PM
To: neil.peyron@tulerivertribe-nsn.gov; kerri.vera@tulerivertribe-nsn.gov; joey.garfield@tulerivertribe-nsn.gov
Subject: Setton Pistachio Facility Project- Request for Information

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I am contacting you today as part of the cultural resources background investigation for the Setton Pistachio Facility Project located within Terra Bella, Tulare County (Five miles south of Porterville). The project is located on the Ducor USGS 7.5' quadrangle T 23S R 27E Sections 03, 04, and 05. A map of the project location is attached to this email.

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D 916.732.3328 | **C** 916.330.0624
E Roberto.Mora@AscentEnvironmental.com

ASCENT Careers @ Ascent

Ascent Environmental, Inc
455 Capitol Mall, Suite 300
Sacramento, CA 95814
O 916.444.7301

From:	Roberto Mora
To:	kwood8934@aol.com
Subject:	RE: Setton Pistachio Facility Project- Request for Information
Date:	Friday, April 14, 2023 2:59:00 PM
Attachments:	20220022_01_GIS_003_Site_Topo.pdf image001.png image002.png image003.png image004.png

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The Native American Heritage Commission has identified you as someone who may have information concerning cultural resources of tribal concern which may be present in the project area. If you or the Tribe has any knowledge of such resources within the project area, and are willing to share their nature and location, please let me know. My contact information is provided below.

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E Roberto.Mora@AscentEnvironmental.com

Careers @ Ascent

Ascent Environmental, Inc
455 Capitol Mall, Suite 300
Sacramento, CA 95814
O 916.444.7301

From: Roberto Mora
Sent: Friday, March 31, 2023 3:22 PM
To: kwood8934@aol.com
Subject: Setton Pistachio Facility Project- Request for Information

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I am contacting you today as part of the cultural resources background investigation for the Setton Pistachio Facility Project located within Terra Bella, Tulare County (Five miles south of Porterville). The project is located on the Ducor USGS 7.5' quadrangle T 23S R 27E Sections 03, 04, and 05. A map of the project location is attached to this email.

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Careers @ Ascent

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Sacramento, CA 95814
O 916.444.7301

Appendix C

DPR Forms

This is update was prepared as part of the investigation for the Cultural Resources Inventory Report for the Setton Pistachio Facility Project (Mora 2023). This resource is long segment of the Southern Pacific Railroad (SPPR; P-54-004626/CA-TUL-002880H). A segment of this resource is no longer present between 11S 315594mN/3981702mE to 11S 315588mN/3981324mE (UTM's). At these locations, the segment has been either removed or obscured by the paved access road.

References

Mora, R. 2023. *Cultural Resources Inventory Report for the Setton Pistachio Facility Project*. Prepared for Setton Pistachio of Terra Bella, Terra Bella.

Photo 1. Overview of previous location of the site; Photo facing east. Taken April 13, 2023.

Photo 2. Overview of previous location of the site; Photo facing south. Taken April 13, 2023.

Appendix E

Biological Resources Record Searches

Multiple Occurrences per Page

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (Ducor (3511981) OR Porterville (3611911) OR Woodville (3611912) OR Sausalito School (3511982) OR Delano East (3511972) OR Richgrove (3511971) OR Quincy School (3511878) OR Fountain Springs (3511888) OR Success Dam (3611818))

Spea hammondii **Element Code:** AAABF02020

western spadefoot

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2G3
	State:	None		**State:**	S3S4
	Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened			
Habitat:	**General:**	OCCURS PRIMARILY IN GRASSLAND HABITATS, BUT CAN BE FOUND IN VALLEY-FOOTHILL HARDWOOD WOODLANDS.			
	Micro:	VERNAL POOLS ARE ESSENTIAL FOR BREEDING AND EGG-LAYING.			

Occurrence No.	65	**Map Index:**	15658	**EO Index:**	29206	**Element Last Seen:**	1978-04-09
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1978-04-09
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1997-07-26

Quad Summary:	Sausalito School (3511982)
County Summary:	Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	325
PLSS:	T22S, R26E, Sec. 30, SW (M)	**Acres:**	0.0

Location:	PIXLEY VERNAL POOL PRESERVE, ABOUT 5.0 MILES ENE OF PIXLEY, APPROXIMATELY 2.0 MILES WNW OF SAUSALITO SCHOOL.
Detailed Location:	
Ecological:	VERNAL POOLS, PONDS, PRESERVE WAS IN FULL BLOOM.
General:	MANY SPADEFOOT TOADS, BUT NO TREEFROG TADPOLES; SPADEFOOTS SEEMED UNUSUALLY LARGE. FORMERLY A TNC PRESERVE; TRANSFERRED TO CNLM IN 1997.
Owner/Manager:	CNLM-PIXLEY PRESERVE

Occurrence No.	417	**Map Index:**	72115	**EO Index:**	73056	**Element Last Seen:**	2005-04-22
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2005-04-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2008-09-02

Quad Summary:	Delano East (3511972)
County Summary:	Tulare

Lat/Long:	35.83443 / -119.16313	**Accuracy:**	80 meters
UTM:	Zone-11 N3967745 E304620	**Elevation (ft):**	399
PLSS:	T24S, R26E, Sec. 16, SE (M)	**Acres:**	0.0

Location:	FRIANT-KERN CANAL AT MILEPOST 112.26 AT AVENUE 24, 0.6 MILE SOUTH OF THE WHITE RIVER, EARLIMART.
Detailed Location:	MAPPED TO PROVIDED COORDINATES; SITE NAME FKC-R-112.26.1.
Ecological:	"TURBID PUDDLE ADJACENT TO GRAPE VINEARD. NO EMERGENT OR SURROUNDING VEGETATION."
General:	AT LEAST 1 OBSERVED ON 22 APR 2005 BY K. GARCIA-TOMLINSON.
Owner/Manager:	USBOR

Occurrence No.	418	**Map Index:**	72116	**EO Index:**	73058	**Element Last Seen:**	2005-04-22
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2005-04-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2008-09-02

Quad Summary: Delano East (3511972)

County Summary: Tulare

Lat/Long:	35.80340 / -119.17878	**Accuracy:**	80 meters
UTM:	Zone-11 N3964333 E303130	**Elevation (ft):**	403
PLSS:	T24S, R26E, Sec. 33, NW (M)	**Acres:**	0.0

Location: FRIANT-KERN CANAL MILEPOST 115.51, 0.4 MILE NORTH OF AVENUE 4 (SIERRA VISTA RANCH), DELANO.

Detailed Location: MAPPED TO PROVIDED COORDINATES; SITE NAME FKC-R-115.51.1.

Ecological: "ROADSIDE SWALE, NO EMERGENT OR SURROUNDING VEG. WATER TURBID. POOL LIKELY HAD BRANCHIOPODS EARLIER IN YEAR. POOL VERY LOW NOW."

General: AT LEAST 1 OBSERVED ON 22 APR 2005 BY K. GARCIA-TOMLINSON.

Owner/Manager: USBOR

Occurrence No.	922	**Map Index:**	B2805	**EO Index:**	114737	**Element Last Seen:**	2001-05-19
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2001-05-19
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2020-02-06

Quad Summary: Fountain Springs (3511888)

County Summary: Tulare

Lat/Long:	35.8927 / -118.91822	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3973747 E326871	**Elevation (ft):**	793
PLSS:	T23S, R28E, Sec. 26, SE (M)	**Acres:**	70.0

Location: VICINITY OF HOT SPRINGS RD AND OLD STAGE RD INTERSECTION, FOUNTAIN SPRINGS.

Detailed Location: MAPPED TO SHAFFER SITE 131, GIVEN LOCATION: POOL S OF OLD STAGE RD, HOT SPRINGS RD AND J22 JUNCTION. ATTRIBUTED 2001 SPECIMEN COLLECTED FROM "HOT SPRINGS RD, 19.8 MI W OF JUNCTION PARKER PASS RD (COUNTY RD M50)."

Ecological:

General: DETECTED ON 18 APR 1991. 1 FOUND ALIVE ON ROAD AND THEN COLLECTED ON 19 MAY 2001; LIVER FROZEN.

Owner/Manager: UNKNOWN

Occurrence No.	1225	**Map Index:**	B4559	**EO Index:**	117496	**Element Last Seen:**	1973-03-29
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1973-03-29
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2019-12-17

Quad Summary: Richgrove (3511971)

County Summary: Kern

Lat/Long:	35.76199 / -119.03462	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3959459 E316063	**Elevation (ft):**	645
PLSS:	T25S, R27E, Sec. 11, S (M)	**Acres:**	70.0

Location: HIGHWAY 155, 1 MILE EAST OF ITS INTERSECTION WITH HIGHWAY 65, ABOUT 12 MILES EAST OF DELANO.

Detailed Location:

Ecological: AERIAL IMAGERY SHOWS SURROUNDING LAND USE COMPOSED OF AGRICULTURE AND OPEN SPACE.

General: DETECTED ON 29 MAR 1973.

Owner/Manager: PVT

Gymnogyps californianus **Element Code:** ABNKA03010

California condor

Listing Status:	**Federal:**	Endangered	**CNDDB Element Ranks:**	**Global:**	G1
	State:	Endangered		**State:**	S1
	Other:	CDF_S-Sensitive, CDFW_FP-Fully Protected, IUCN_CR-Critically Endangered, NABCI_RWL-Red Watch List			
Habitat:	**General:**	REQUIRE VAST EXPANSES OF OPEN SAVANNAH, GRASSLANDS, AND FOOTHILL CHAPARRAL IN MOUNTAIN RANGES OF MODERATE ALTITUDE.			
	Micro:	DEEP CANYONS CONTAINING CLEFTS IN THE ROCKY WALLS PROVIDE NESTING SITES. FORAGES UP TO 100 MILES FROM ROOST/NEST.			

Occurrence No.	5	**Map Index:**	00136	**EO Index:**	14754	**Element Last Seen:**	1976-09-17
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1976-09-17
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1989-08-10

Quad Summary: Globe (3611817), Success Dam (3611818), Springville (3611827), Frazier Valley (3611828), Dennison Peak (3611837), Chickencoop Canyon (3611838), Kaweah (3611848)

County Summary: Tulare

Lat/Long:	36.24720 / -118.88806	**Accuracy:**	specific area
UTM:	Zone-11 N4013020 E330356	**Elevation (ft):**	1000
PLSS:	T19S, R28E, Sec. 25, SE (M)	**Acres:**	124200.5

Location: BLUE RIDGE CONDOR AREA.

Detailed Location:

Ecological:

General: ROOSTING AREA, APRIL THROUGH SEPTEMBER.

Owner/Manager: BLM, PVT

Buteo swainsoni

Element Code: ABNKC19070

Swainson's hawk

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G5
	State:	Threatened		**State:**	S3
	Other:	BLM_S-Sensitive, IUCN_LC-Least Concern			
Habitat:	**General:**	BREEDS IN GRASSLANDS WITH SCATTERED TREES, JUNIPER-SAGE FLATS, RIPARIAN AREAS, SAVANNAHS, AND AGRICULTURAL OR RANCH LANDS WITH GROVES OR LINES OF TREES.			
	Micro:	REQUIRES ADJACENT SUITABLE FORAGING AREAS SUCH AS GRASSLANDS, OR ALFALFA OR GRAIN FIELDS SUPPORTING RODENT POPULATIONS.			

Occurrence No.	2798	**Map Index:** B3411	**EO Index:**	115326	**Element Last Seen:** 2017-07-09
Occ. Rank:	Unknown		**Presence:**	Presumed Extant	**Site Last Seen:** 2017-07-09
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown	**Record Last Updated:** 2019-07-09

Quad Summary: Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.08059 / -119.08444	**Accuracy:**	80 meters
UTM:	Zone-11 N3994898 E312313	**Elevation (ft):**	412
PLSS:	T21S, R27E, Sec. 20, SW (M)	**Acres:**	5.0

Location: N SIDE OF W HENDERSON ST (AVE 160) JUST W OF FRIANT-KERN CANAL & 0.9 MI NW OF N WESTWOOD ST AT W MORTON AVE, PORTERVILLE

Detailed Location: MAPPED TO PROVIDED COORDINATES.

Ecological: NEST IN CORK OAK ON EDGE OF CANAL, NEAR TULE RIVER, ON THE EDGE OF TOWN. HARVESTED GRAIN FIELD ON EAST BANK OF CANAL.

General: ADULT PAIR & 1 FLEDGLING OBSERVED PERCHING ON UTILITY POLES & VALLEY OAK NEAR NEST ON 9 JUL 2017.

Owner/Manager: UNKNOWN

Athene cunicularia

Element Code: ABNSB10010

burrowing owl

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G4
	State:	None		**State:**	S3
	Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern			
Habitat:	**General:**	OPEN, DRY ANNUAL OR PERENNIAL GRASSLANDS, DESERTS, AND SCRUBLANDS CHARACTERIZED BY LOW-GROWING VEGETATION.			
	Micro:	SUBTERRANEAN NESTER, DEPENDENT UPON BURROWING MAMMALS, MOST NOTABLY, THE CALIFORNIA GROUND SQUIRREL.			

Occurrence No.	1815	**Map Index:** 81950	**EO Index:**	82927	**Element Last Seen:** 2007-06-07
Occ. Rank:	Unknown		**Presence:**	Presumed Extant	**Site Last Seen:** 2007-06-07
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown	**Record Last Updated:** 2011-03-03

Quad Summary: Quincy School (3511878)

County Summary: Tulare

Lat/Long:	35.86351 / -118.99957	**Accuracy:**	80 meters
UTM:	Zone-11 N3970656 E319461	**Elevation (ft):**	660
PLSS:	T24S, R28E, Sec. 06, SW (M)	**Acres:**	0.0

Location: ALONG RD 256, 0.5 MI S OF AVE 44, 3 MI SE DUCOR.

Detailed Location: BLOCK CODE 3905-315 - LOCATION CODE A. MAPPED TO PROVIDED COORDINATES.

Ecological: LOWLAND ELEVATION SUBREGION.

General: 4 ADULTS AND 6 JUVENILES OBSERVED; 2 BREEDING PAIRS ESTIMATED TO OCCUR IN AREA ON 7 JUN 2007.

Owner/Manager: UNKNOWN

Agelaius tricolor

Element Code: ABPBXB0020

tricolored blackbird

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1G2
	State:	Threatened		**State:**	S1S2
	Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_EN-Endangered, NABCI_RWL-Red Watch List, USFWS_BCC-Birds of Conservation Concern			
Habitat:	**General:**	HIGHLY COLONIAL SPECIES, MOST NUMEROUS IN CENTRAL VALLEY AND VICINITY. LARGELY ENDEMIC TO CALIFORNIA.			
	Micro:	REQUIRES OPEN WATER, PROTECTED NESTING SUBSTRATE, AND FORAGING AREA WITH INSECT PREY WITHIN A FEW KM OF THE COLONY.			

Occurrence No.	684	**Map Index:**	97594	**EO Index:**	98918	**Element Last Seen:**	1971-05-05
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1971-05-05
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2015-09-22

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.05480 / -118.92480	**Accuracy:**	3/5 mile
UTM:	Zone-11 N3991741 E326631	**Elevation (ft):**	545
PLSS:	T21S, R28E, Sec. 35 (M)	**Acres:**	0.0

Location:	VICINITY OF SUCCESS LAKE DAM, ABOUT 0.8 MI NE OF HWY 190 & ROAD 284 INTERSECTION, 5.2 MI ESE OF PORTERVILLE POST OFFICE.
Detailed Location:	LOCATION DESCRIBED ONLY AS "SUCCESS DAM, 8 MILES EAST OF PORTERVILLE." MAPPED AS BEST GUESS BY CNDDB TO JUST BELOW SUCCESS LAKE DAM.
Ecological:	
General:	ABOUT 1500 BIRDS OBSERVED ON 5 MAY 1971 (DEHAVEN); BIRDS OBSERVED CARRYING INSECTS TO NESTLINGS IN AN INACCESSIBLE AREA.
Owner/Manager:	TUL COUNTY-BARTLETT PARK

Occurrence No.	685	**Map Index:**	97596	**EO Index:**	98921	**Element Last Seen:**	2012-04-20
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2014-04-19
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2015-12-09

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.09780 / -118.90840	**Accuracy:**	1 mile
UTM:	Zone-11 N3996482 E328202	**Elevation (ft):**	655
PLSS:	T21S, R28E, Sec. 13 (M)	**Acres:**	0.0

Location:	S OF AVENUE 176, ~1.3 MI SE OF RD 288 INTERSECTION, 1.5 MI SW OF HOLDRIDGE DR INTERSECTION, 5.3 MI SW OF SPRINGVILLE PO.
Detailed Location:	TRICOLORED BLACKBIRDS MAY HAVE OCCUPIED SEVERAL DIFFERENT LOCATIONS WITHIN CLOSE PROXIMITY. COLONY DATA STORED IN UC DAVIS TRICOLORED BLACKBIRD PORTAL; SITE NAME "LAKE SUCCESS." COORDINATES PROVIDED FOR 2012 OBSERVATION.
Ecological:	FORAGE SUBSTRATE WAS GRASSLAND (2005). NESTING IN MILK THISTLE ALONG "HOLBROOKE RD" (2011). MUGWORT, NETTLE, & MUSTARD (2012). SITE COULD BE ACCESSED FROM HOLDRIDGE RD & US ACOE GILL UNIT GATE OR FROM AVE 175 TO RS 292 W/ PERMISSION.
General:	PRESENT 1993. ~12K BIRDS ON 23 APR, 1K BY 3 JUN 2005. ~150 BIRDS ON 25 APR 2008; SINGING, CARRYING NEST MATERIAL. ~300 ON 16 APR 2011; SINGING. ~3K ON 20 APR 2012; COLONY QUIET, INCUBATION INFERRED. 59 OBS ON 19 APR 2014; FLY OVER.
Owner/Manager:	DOD-COE

Occurrence No.	687	**Map Index:**	97599	**EO Index:**	98925	**Element Last Seen:**	1935-05-13
Occ. Rank:	None			**Presence:**	Possibly Extirpated	**Site Last Seen:**	1935-05-13
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2015-12-09

Quad Summary: Sausalito School (3511982), Pixley (3511983), Alpaugh (3511984), Woodville (3611912), Tipton (3611913)

County Summary: Tulare

Lat/Long:	35.96858 / -119.29177	**Accuracy:**	5 miles
UTM:	Zone-11 N3982891 E293349	**Elevation (ft):**	271
PLSS:	T22S, R25E, Sec. 32 (M)	**Acres:**	49683.0

Location: PIXLEY.

Detailed Location: LOCATION DESCRIBED ONLY AS "NEAR PIXLEY."

Ecological: HABITAT DESCRIBED AS CATTAIL MARSH. COLONY PRESUMED EXTIRPATED BY BEEDY (1991). SLOUGHS IN THE VICINITY THAT LIKELY HAD CATTAILS ARE NO LONGER VISIBLE IN AERIAL IMAGERY.

General: A BREEDING COLONY COMPOSED OF ABOUT 1500 NESTS OBSERVED ON 13 MAY 1935 (NEFF 1937).

Owner/Manager: UNKNOWN

Lampetra hubbsi

Element Code: AFBAA02040

Kern brook lamprey

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1G2
	State:	None		**State:**	S1S2
	Other:	AFS_TH-Threatened, CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable, USFS_S-Sensitive			
Habitat:	**General:**	SAN JOAQUIN RIVER SYSTEM AND KERN RIVER.			
	Micro:	GRAVEL-BOTTOMED AREAS FOR SPAWNING AND MUDDY-BOTTOMED AREAS WHERE AMMOCOETES CAN BURROW AND FEED.			

Occurrence No.	1	**Map Index:**	15700	**EO Index:**	28660	**Element Last Seen:**	1972-02-15
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1972-02-15
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1989-08-10

Quad Summary: Delano East (3511972)

County Summary: Kern

Lat/Long:	35.77105 / -119.17678	**Accuracy:**	1 mile
UTM:	Zone-11 N3960740 E303231	**Elevation (ft):**	395
PLSS:	T25S, R26E, Sec. 09, NE (M)	**Acres:**	0.0

Location: FRIANT-KERN CANAL, E OF DELANO.

Detailed Location: HOLOTYPE LOCATION. DEPOSITED IN CAS #35987.

Ecological: CONSIDERED BY SOURCE TO HAVE ORIGINATED IN KERN R. SYSTEM. CANAL SHOULD NOT BE CONSIDERED AS NORMAL HAB FOR THIS SMALL NONPARASITIC LAMPREY.

General: 11 METAMORPHOSED SPECIMENS AND 1 AMMOCOETE COLL BY D. P. CHRISTENSON.

Owner/Manager: UNKNOWN

Lasiurus cinereus **Element Code:** AMACC05032

hoary bat

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G3G4
	State:	None		**State:**	S4
	Other:	IUCN_LC-Least Concern			
Habitat:	**General:**	PREFERS OPEN HABITATS OR HABITAT MOSAICS, WITH ACCESS TO TREES FOR COVER AND OPEN AREAS OR HABITAT EDGES FOR FEEDING.			
	Micro:	ROOSTS IN DENSE FOLIAGE OF MEDIUM TO LARGE TREES. FEEDS PRIMARILY ON MOTHS. REQUIRES WATER.			

Occurrence No.	131	**Map Index:** 57102	**EO Index:**	68894	**Element Last Seen:** 1919-05-09
Occ. Rank:	Unknown		**Presence:**	Presumed Extant	**Site Last Seen:** 1919-05-09
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown	**Record Last Updated:** 2007-03-19

Quad Summary: Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.89135 / -119.04754	**Accuracy:**	1 mile
UTM:	Zone-11 N3973834 E315194	**Elevation (ft):**	
PLSS:	T23S, R27E, Sec. 34 (M)	**Acres:**	0.0

Location: DUCOR.

Detailed Location: MAPPED ACCORDING TO LAT/LONG COORDINATES PROVIDED BY MANIS, WITH UNCERTAINTY OF 30 M.

Ecological:

General: 1 FEMALE SPECIMEN (MVZ #29914) COLLECTED BY 9 MAY 1919.

Owner/Manager: UNKNOWN

Corynorhinus townsendii **Element Code:** AMACC08010

Townsend's big-eared bat

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G4
	State:	None		**State:**	S2
	Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive			
Habitat:	**General:**	THROUGHOUT CALIFORNIA IN A WIDE VARIETY OF HABITATS. MOST COMMON IN MESIC SITES.			
	Micro:	ROOSTS IN THE OPEN, HANGING FROM WALLS AND CEILINGS. ROOSTING SITES LIMITING. EXTREMELY SENSITIVE TO HUMAN DISTURBANCE.			

Occurrence No.	349	**Map Index:**	66634	**EO Index:**	93266	**Element Last Seen:**	1941-04-04
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1941-04-04
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2014-04-29

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.02702 / -118.91546	**Accuracy:**	1 mile
UTM:	Zone-11 N3988642 E327412	**Elevation (ft):**	900
PLSS:	T22S, R28E, Sec. 11 (M)	**Acres:**	0.0

Location:	ABOUT 2.4 MI SSW OF MINE HILL AND ABOUT 5 MI ESE OF PORTERVILLE.
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED APPROXIMATELY TO LOCALITY OF "5 MI ESE OF PORTERVILLE" USING COORDINATES GIVEN IN VERTNET, WITH UNCERTAINTY OF 2011.68 METERS.
Ecological:	
General:	1 FEMALE COLLECTED ON 4 APR 1941 BY W. RICHARDSON (MVZ #189937).
Owner/Manager:	UNKNOWN

Occurrence No.	515	**Map Index:**	92956	**EO Index:**	94111	**Element Last Seen:**	1988-07-27
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1988-07-27
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2014-06-30

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.08500 / -118.96380	**Accuracy:**	1 mile
UTM:	Zone-11 N3995161 E323186	**Elevation (ft):**	1760
PLSS:	T21S, R28E, Sec. 21 (M)	**Acres:**	0.0

Location:	ABOUT 4.8 MI NE OF ALL AMERICA CITY HWY AT W POPLAR AVE AND ABOUT 8.7 MI SW OF HATCHET PEAK.
Detailed Location:	EXACT LOCATION UNKNOWN. GIVEN TRS T19S R27E SEC 7 FOR "PORTERVILLE MINE" POINTS TO ROCKY HILL, BUT LOCATION WAS QUESTIONABLE DUE TO MINES BEING 15.5 MI NNW OF PORTERVILLE. MAPPED TO ROCKY HILL 2-3 MI NE OF PORTERVILLE.
Ecological:	
General:	2 BATS OBSERVED ON 27 JUL 1988 IN PORTERVILLE MINE #1 AND #2.
Owner/Manager:	UNKNOWN

Antrozous pallidus **Element Code:** AMACC10010

pallid bat

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G4
	State:	None		**State:**	S3
	Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive			
Habitat:	**General:**	DESERTS, GRASSLANDS, SHRUBLANDS, WOODLANDS AND FORESTS. MOST COMMON IN OPEN, DRY HABITATS WITH ROCKY AREAS FOR ROOSTING.			
	Micro:	ROOSTS MUST PROTECT BATS FROM HIGH TEMPERATURES. VERY SENSITIVE TO DISTURBANCE OF ROOSTING SITES.			

Occurrence No.	304	**Map Index:** 66634	**EO Index:**	66777	**Element Last Seen:** 1946-07-13
Occ. Rank:	Unknown		**Presence:**	Presumed Extant	**Site Last Seen:** 1946-07-13
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown	**Record Last Updated:** 2006-10-05

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.02702 / -118.91546	**Accuracy:**	1 mile
UTM:	Zone-11 N3988642 E327412	**Elevation (ft):**	900
PLSS:	T22S, R28E, Sec. 11 (M)	**Acres:**	0.0

Location: 5 MI ESE OF PORTERVILLE.

Detailed Location: MAPPED ACCORDING TO LAT/LONG COORDINATES GIVEN IN MANIS, WITH UNCERTAINTY OF 2011.68 M.

Ecological:

General: 7 FEMALES AND 1 MALE COLLECTED BY WILLIAM B. RICHARDSON ON 28 & 30 MAR AND 5 APR, 1941, MVZ #189921-189928. 1 FEMALE AND 1 MALE COLLECTED BY CARL B. KOFORD AND MARY C. RAMAGE ON 13 JUL 1946, MVZ #105205-105206.

Owner/Manager: UNKNOWN

Eumops perotis californicus

Element Code: AMACD02011

western mastiff bat

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G4G5T4
	State:	None		**State:**	S3S4
	Other:	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern			
Habitat:	**General:**	MANY OPEN, SEMI-ARID TO ARID HABITATS, INCLUDING CONIFER AND DECIDUOUS WOODLANDS, COASTAL SCRUB, GRASSLANDS, CHAPARRAL, ETC.			
	Micro:	ROOSTS IN CREVICES IN CLIFF FACES, HIGH BUILDINGS, TREES AND TUNNELS.			

Occurrence No.	150	**Map Index:**	66408	**EO Index:**	66503	**Element Last Seen:**	1994-10-11
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1994-10-11
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-09-25

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.08216 / -118.91225	**Accuracy:**	non-specific area
UTM:	Zone-11 N3994754 E327821	**Elevation (ft):**	
PLSS:	T21S, R28E, Sec. 23 (M)	**Acres:**	2507.0

Location: LAKE SUCCESS.

Detailed Location: MAPPED ACCORDING TO LOCALITY DESCRIPTION, AS A LARGE NONSPECIFIC POLYGON AROUND LAKE SUCCESS, BECAUSE LAT/LONG COORDINATES GIVEN IN SOURCE ARE IN SHASTA COUNTY.

Ecological:

General: MULTIPLE INDIVIDUALS DETECTED 11 OCT 1994.

Owner/Manager: UNKNOWN

Perognathus inornatus

Element Code: AMAFD01060

San Joaquin pocket mouse

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2G3
	State:	None		**State:**	S2S3
	Other:	BLM_S-Sensitive, IUCN_LC-Least Concern			
Habitat:	**General:**	GRASSLAND, OAK SAVANNA AND ARID SCRUBLAND IN THE SOUTHERN SACRAMENTO VALLEY, SALINAS VALLEY, SAN JOAQUIN VALLEY AND ADJACENT FOOTHILLS, SOUTH TO THE MOJAVE DESERT.			
	Micro:	ASSOCIATED WITH FINE-TEXTURED, SANDY, FRIABLE SOILS.			

Occurrence No.	12	**Map Index:**	15594	**EO Index:**	23942	**Element Last Seen:**	1918-05-16
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1918-05-16
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1989-08-10

Quad Summary: Sausalito School (3511982), Pixley (3511983)

County Summary: Tulare

Lat/Long:	35.89689 / -119.26861	**Accuracy:**	1 mile
UTM:	Zone-11 N3974889 E295253	**Elevation (ft):**	
PLSS:	T23S, R25E, Sec. 27, SW (M)	**Acres:**	0.0

Location: 1 MI N EARLIMART.

Detailed Location:

Ecological:

General: MVZ #28362.

Owner/Manager: UNKNOWN

Dipodomys nitratoides nitratoides

Element Code: AMAFD03152

Tipton kangaroo rat

Listing Status:	**Federal:**	Endangered	**CNDDB Element Ranks:**	**Global:**	G3T1T2
	State:	Endangered		**State:**	S1S2
	Other:	IUCN_VU-Vulnerable			
Habitat:	**General:**	SALTBRUSH SCRUB AND SINK SCRUB COMMUNITIES IN THE TULARE LAKE BASIN OF THE SOUTHERN SAN JOAQUIN VALLEY.			
	Micro:	NEEDS SOFT FRIABLE SOILS WHICH ESCAPE SEASONAL FLOODING. DIGS BURROWS IN ELEVATED SOIL MOUNDS AT BASES OF SHRUBS.			

Occurrence No.	101	**Map Index:** 65358	**EO Index:** 65437	**Element Last Seen:**	1943-10-25
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1943-10-25
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2006-07-24

Quad Summary: Woodville (3611912), Cairns Corner (3611922)

County Summary: Tulare

Lat/Long:	36.12399 / -119.22034	**Accuracy:**	1 mile
UTM:	Zone-11 N3999984 E300183	**Elevation (ft):**	320
PLSS:	T21S, R25E, Sec. 01 (M)	**Acres:**	0.0

Location: 7 MI NE OF TIPTON.

Detailed Location: HISTORICAL MUSEUM RECORD; EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS ABOUT 2.43 AIR MI NNW OF WOODVILLE, JUST SOUTHWEST OF INTERSECTION OF BLISS LANE AND STRATHMORE RD.

Ecological:

General: 1 FEMALE SPECIMEN COLLECTED ON 25 OCT 1943 AT "7 MI NE OF TIPTON" BY SETH B. BENSON AND DONALD T. TAPPE. MVZ #101160.

Owner/Manager: UNKNOWN

Vulpes macrotis mutica

Element Code: AMAJA03041

San Joaquin kit fox

Listing Status:	**Federal:**	Endangered	**CNDDB Element Ranks:**	**Global:**	G4T2
	State:	Threatened		**State:**	S2
	Other:				
Habitat:	**General:**	ANNUAL GRASSLANDS OR GRASSY OPEN STAGES WITH SCATTERED SHRUBBY VEGETATION.			
	Micro:	NEED LOOSE-TEXTURED SANDY SOILS FOR BURROWING, AND SUITABLE PREY BASE.			

Occurrence No.	193	**Map Index:**	55678	**EO Index:**	55678	**Element Last Seen:**	1992-04-21
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1992-04-21
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2004-05-28

Quad Summary: Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.01926 / -119.10308	**Accuracy:**	non-specific area
UTM:	Zone-11 N3988131 E310487	**Elevation (ft):**	400
PLSS:	T22S, R27E, Sec. 18, NW (M)	**Acres:**	128.8

Location: TULARE CO LANDFILL - TEAPOT DOME. ON AVE 128 (AKA TEAPORT DOME AVE) EAST OF ROAD 208 & WEST OF FRIANT-KERN CANAL.

Detailed Location:

Ecological: BARE GROUND; SCATTERED WEEDS. LANDFILL. SURROUNDING AREA IS ORCHARDS AND ROW CROPS.

General: 4/21/1992: FOUR INDIVIDUALS OF UNKNOWN AGE WERE SIGHTED.

Owner/Manager: UNKNOWN

Occurrence No.	608	**Map Index:**	67365	**EO Index:**	67529	**Element Last Seen:**	1989-04-09
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	1989-04-09
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-12-12

Quad Summary: Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.02449 / -119.07122	**Accuracy:**	80 meters
UTM:	Zone-11 N3988649 E313370	**Elevation (ft):**	430
PLSS:	T22S, R27E, Sec. 08, SE (M)	**Acres:**	0.0

Location: N OF TEAPOT DOME AVE, SW CORNER OF THE PORTERVILLE MUNICIPAL AIRPORT.

Detailed Location: MAPPED IN SE 1/4 OF SE 1/4 OF SECTION 8 ACCORDING TO MAP PROVIDED BY SOURCE.

Ecological: FALLOW FIELD ADJACENT TO WHEAT AND CITRUS FIELDS.

General: FORAGING SITE. 1 ADULT OBSERVED ON 9 APR 1989.

Owner/Manager: CITY OF PORTERVILLE

Occurrence No.	627	**Map Index:**	67387	**EO Index:**	67555	**Element Last Seen:**	1973-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1973-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Woodville (3611912), Tipton (3611913), Cairns Corner (3611922), Tulare (3611923)

County Summary: Tulare

Lat/Long:	36.11984 / -119.25002	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3999585 E297501	**Elevation (ft):**	300
PLSS:	T21S, R25E, Sec. 11 (M)	**Acres:**	0.0

Location: ABOUT 3.3 MI NW OF WOODVILLE, S OF INTERSECTION OF AVE 184 & ROAD 144.

Detailed Location:

Ecological:

General: SIGHTING, ROAD KILL OR DEN PRIOR TO 1972. KIT FOX OBSERVATION(S) IN 1973.

Owner/Manager: UNKNOWN

Occurrence No.	629	**Map Index:**	67390	**EO Index:**	67561	**Element Last Seen:**	1972-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1972-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Woodville (3611912)
County Summary: Tulare

Lat/Long:	36.07606 / -119.22343	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3994673 E299784	**Elevation (ft):**	320
PLSS:	T21S, R25E, Sec. 25 (M)	**Acres:**	0.0

Location: ABOUT 1.7 MI SW OF WOODVILLE, SE OF INTERSECTION OF ROAD 152 AND AVE 160.
Detailed Location:
Ecological:
General: 1 ACTIVE DEN OBSERVED IN 1970. SIGHTING, ROAD KILL OR DEN PRIOR TO 1972.
Owner/Manager: UNKNOWN

Occurrence No.	634	**Map Index:**	67401	**EO Index:**	67567	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Richgrove (3511971), Delano East (3511972)
County Summary: Tulare

Lat/Long:	35.85016 / -119.12885	**Accuracy:**	non-specific area
UTM:	Zone-11 N3969422 E307755	**Elevation (ft):**	
PLSS:	T24S, R26E, Sec. 11 (M)	**Acres:**	845.0

Location: ABOUT 3.8 MI NNW OF RICHGROVE, 1.9 MI E OF JCT OF FRIANT-KERN CANAL AND WHITE RIVER.
Detailed Location:
Ecological:
General: 1 ACTIVE DEN OBSERVED IN 1973. DEN AND ROAD KILL FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	635	**Map Index:**	67402	**EO Index:**	67569	**Element Last Seen:**	1971-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1971-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Richgrove (3511971)
County Summary: Tulare

Lat/Long:	35.86285 / -119.06563	**Accuracy:**	non-specific area
UTM:	Zone-11 N3970707 E313494	**Elevation (ft):**	500
PLSS:	T24S, R27E, Sec. 09 (M)	**Acres:**	489.0

Location: VICINITY OF THE WHITE RIVER. ABOUT 2 ROAD MI S OF DUCOR ON ROAD 232/RICHGROVE DR.
Detailed Location:
Ecological:
General: ACTIVE DENS OBSERVED IN 1971. SIGHTING, ROAD KILL OR DEN PRIOR TO 1972.
Owner/Manager: UNKNOWN

Occurrence No.	636	**Map Index:**	67404	**EO Index:**	67570	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-16

Quad Summary: Fountain Springs (3511888), Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.94518 / -118.99364	**Accuracy:**	non-specific area
UTM:	Zone-11 N3979706 E320181	**Elevation (ft):**	550
PLSS:	T23S, R28E, Sec. 07 (M)	**Acres:**	642.0

Location: ABOUT 2.7 MI ESE TO 3.5 MI SE OF TERRA BELLA.

Detailed Location: SIGHTINGS AND DENS OBSERVED S OF AVE 88 AND 0.5 MI E OF ROAD 256 IN 1973.

Ecological:

General: SPOTLIGHT SIGHTINGS AND ACTIVE DENS OBSERVED IN 1973. 2 KIT FOX DENS OBSERVED SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	637	**Map Index:**	67405	**EO Index:**	67571	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-16

Quad Summary: Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.97338 / -119.09583	**Accuracy:**	non-specific area
UTM:	Zone-11 N3983027 E311030	**Elevation (ft):**	400
PLSS:	T22S, R27E, Sec. 31 (M)	**Acres:**	2172.0

Location: ABOUT 4.2 MI NW TO 4.2 MI W OF TERRA BELLA, NEAR FRIANT-KERN CANAL.

Detailed Location: ROAD KILL OBSERVED IN NE 1/4 OF SECTION 1 IN 1973.

Ecological:

General: ROAD KILL OBSERVED IN 1973. 1 SIGHTING, 2 ROAD KILLS AND 4 DENS FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	638	**Map Index:**	67406	**EO Index:**	67572	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.99615 / -119.04817	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3985462 E315382	**Elevation (ft):**	450
PLSS:	T22S, R27E, Sec. 22, SW (M)	**Acres:**	0.0

Location: ABOUT 2.4 MI NNW OF TERRA BELLA, NW CORNER OF INTERSECTION OF AVE 112 AND STATE ROUTE 65 (AVENUE 120).

Detailed Location:

Ecological:

General: SIGHTING AND ACTIVE DENS OBSERVED IN 1973. SIGHTING FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	639	**Map Index:**	67408	**EO Index:**	67574	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-16

Quad Summary: Fountain Springs (3511888), Ducor (3511981), Success Dam (3611818), Porterville (3611911)

County Summary: Tulare

Lat/Long:	35.99978 / -118.99607	**Accuracy:**	non-specific area
UTM:	Zone-11 N3985767 E320086	**Elevation (ft):**	510
PLSS:	T22S, R28E, Sec. 19 (M)	**Acres:**	1979.0

Location: ABOUT 3.1 MILES NE OF TERRA BELLA, NEAR DEER CREEK.

Detailed Location:

Ecological:

General: ROAD KILL OBSERVED IN 1972 AND SIGHTING IN 1973. 3 ROAD KILLS AND 1 SIGHTING FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	640	**Map Index:**	67409	**EO Index:**	67576	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-16

Quad Summary: Fountain Springs (3511888)

County Summary: Tulare

Lat/Long:	35.98126 / -118.95883	**Accuracy:**	non-specific area
UTM:	Zone-11 N3983644 E323402	**Elevation (ft):**	
PLSS:	T22S, R28E, Sec. 28 (M)	**Acres:**	970.0

Location: ABOUT 4.5 MI NE OF TERRA BELLA, JUST W OF TENNESSEE KNOB.

Detailed Location:

Ecological:

General: SIGHTING, ROAD KILL OR DEN PRIOR TO 1972. ROAD KILL OBSERVED IN 1973. SIGHTING AND ROAD KILL FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	641	**Map Index:**	67410	**EO Index:**	67578	**Element Last Seen:**	1973-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1973-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-12-13

Quad Summary: Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.08884 / -119.01691	**Accuracy:**	3/5 mile
UTM:	Zone-11 N3995686 E318412	**Elevation (ft):**	460
PLSS:	T21S, R27E, Sec. 24 (M)	**Acres:**	0.0

Location: JUST N OF PORTERVILLE, IN VICINITY OF SCENIC HEIGHTS.

Detailed Location:

Ecological:

General: ROAD KILL OBSERVED IN 1973.

Owner/Manager: UNKNOWN

Occurrence No.	796	**Map Index:**	67651	**EO Index:**	67806	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: McFarland (3511962), Delano East (3511972)
County Summary: Kern

Lat/Long:	35.72929 / -119.22992	**Accuracy:**	non-specific area
UTM:	Zone-11 N3956216 E298320	**Elevation (ft):**	
PLSS:	T25S, R25E, Sec. 25 (M)	**Acres:**	1833.0

Location: ABOUT 1 MI S TO 4.8 MI SSE OF DELANO, NEAR I-99.
Detailed Location:
Ecological:
General: 1 SIGHTING AND 4 ROAD KILLS FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	797	**Map Index:**	67652	**EO Index:**	67807	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: McFarland (3511962), Delano East (3511972)
County Summary: Kern

Lat/Long:	35.74494 / -119.16682	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3957824 E304067	**Elevation (ft):**	420
PLSS:	T25S, R26E, Sec. 22 (M)	**Acres:**	0.0

Location: ABOUT 4.9 MI SE OF DELANO, JUST SE OF AIRPORT AVE AND WALLACE RD.
Detailed Location:
Ecological:
General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	801	**Map Index:**	67656	**EO Index:**	67811	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Delano East (3511972)
County Summary: Tulare

Lat/Long:	35.80495 / -119.22371	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3964596 E299073	**Elevation (ft):**	340
PLSS:	T24S, R25E, Sec. 36 (M)	**Acres:**	0.0

Location: ABOUT 2.7 MI NNW OF DELANO, 1.8 MI E OF I-99.
Detailed Location:
Ecological:
General: ROAD KILL SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	802	**Map Index:**	67657	**EO Index:**	67812	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Delano East (3511972)
County Summary: Tulare

Lat/Long:	35.85278 / -119.24405	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3969944 E297356	**Elevation (ft):**	310
PLSS:	T24S, R25E, Sec. 11 (M)	**Acres:**	0.0

Location: ABOUT 2.5 MI SE OF EARLIMART, 1.2 MI E OF I-99, NEAR WHITE RIVER.
Detailed Location:
Ecological:
General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	803	**Map Index:**	67658	**EO Index:**	67813	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Delano East (3511972)
County Summary: Tulare

Lat/Long:	35.85119 / -119.20404	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3969686 E300966	**Elevation (ft):**	360
PLSS:	T24S, R26E, Sec. 07 (M)	**Acres:**	0.0

Location: ABOUT 4.3 MI SE OF EARLIMART, 3.5 MI E OF I-99, NEAR WHITE RIVER.
Detailed Location:
Ecological:
General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	804	**Map Index:**	67659	**EO Index:**	67814	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Delano East (3511972)
County Summary: Tulare

Lat/Long:	35.82724 / -119.16184	**Accuracy:**	non-specific area
UTM:	Zone-11 N3966945 E304719	**Elevation (ft):**	
PLSS:	T24S, R26E, Sec. 21 (M)	**Acres:**	800.0

Location: ABOUT 6.2 MI NE OF DELANO, 0.25 TO 2 MI S OF INTERSECTION OF WHITE RIVER AND FRIANT-KERN CANAL.
Detailed Location:
Ecological:
General: SIGHTING AND ROAD KILL SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	805	**Map Index:**	67660	**EO Index:**	67815	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Richgrove (3511971), Delano East (3511972)
County Summary: Tulare

Lat/Long:	35.82021 / -119.12905	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3966100 E307664	**Elevation (ft):**	460
PLSS:	T24S, R26E, Sec. 23 (M)	**Acres:**	0.0

Location: ABOUT 2 MI NW OF RICHGROVE, 1.8 MI W OF RICHGROVE DR.
Detailed Location:
Ecological:
General: KIT FOX DEN OBSERVED SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	806	**Map Index:**	67661	**EO Index:**	67816	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Richgrove (3511971)
County Summary: Tulare

Lat/Long:	35.82684 / -119.10918	**Accuracy:**	non-specific area
UTM:	Zone-11 N3966796 E309475	**Elevation (ft):**	480
PLSS:	T24S, R26E, Sec. 24 (M)	**Acres:**	460.0

Location: ABOUT 1.5 TO 2.5 MI N OF RICHGROVE, 1 MI W OF RICHGROVE DR, NEAR ROAD 208.
Detailed Location:
Ecological:
General: SIGHTING AT DEN SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	807	**Map Index:**	67662	**EO Index:**	67817	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Richgrove (3511971)
County Summary: Tulare

Lat/Long:	35.85917 / -119.09017	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3970345 E311269	**Elevation (ft):**	470
PLSS:	T24S, R27E, Sec. 07 (M)	**Acres:**	0.0

Location: ABOUT 3.2 MI SW OF DUCOR, NEAR WHITE RIVER, 2 MI WSW OF INTERSECTION OF RICHGROVE DRIVE & HWY 65.
Detailed Location:
Ecological:
General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	808	**Map Index:**	67663	**EO Index:**	67818	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Delano East (3511972), Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.88588 / -119.15782	**Accuracy:**	non-specific area
UTM:	Zone-11 N3973441 E305225	**Elevation (ft):**	
PLSS:	T23S, R26E, Sec. 34 (M)	**Acres:**	1346.0

Location: ABOUT 6 MI E OF EARLIMART, IN THE VICINITY OF THE FRIANT-KERN CANAL, S OF INTERSECTION OF FRIANT-KERN CANAL & AVENUE 56.

Detailed Location:

Ecological:

General: 2 DENS AND 2 ROAD KILLS SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	809	**Map Index:**	67664	**EO Index:**	67819	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Ducor (3511981), Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.92953 / -119.13481	**Accuracy:**	non-specific area
UTM:	Zone-11 N3978238 E307409	**Elevation (ft):**	
PLSS:	T23S, R26E, Sec. 14 (M)	**Acres:**	1123.0

Location: ABOUT 7.2 TO 9.3 MI NE OF EARLIMART, 1.6 TO 3.9 MI NNE OF INTERSECTION OF FRIANT-KERN CANAL AND AVENUE 56.

Detailed Location: IN THE VICINITY OF THE FRIANT-KERN CANAL.

Ecological:

General: 3 DENS OBSERVED SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	810	**Map Index:**	67665	**EO Index:**	67820	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.90939 / -119.04878	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3975838 E315124	**Elevation (ft):**	530
PLSS:	T23S, R27E, Sec. 22 (M)	**Acres:**	0.0

Location: ABOUT 1.3 MI N OF DUCOR.

Detailed Location:

Ecological:

General: ROAD KILL SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	811	**Map Index:**	67666	**EO Index:**	67821	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Fountain Springs (3511888), Ducor (3511981)
County Summary: Tulare

Lat/Long:	35.90189 / -118.99935	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3974913 E319568	**Elevation (ft):**	620
PLSS:	T23S, R28E, Sec. 30 (M)	**Acres:**	0.0

Location: ABOUT 2.8 MI ENE OF DUCOR, JUST N OF INTERSECTION OF AVE 60 AND ROAD 256.
Detailed Location:
Ecological:
General: ROAD KILL SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	812	**Map Index:**	67667	**EO Index:**	67822	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Ducor (3511981)
County Summary: Tulare

Lat/Long:	35.93380 / -119.02652	**Accuracy:**	non-specific area
UTM:	Zone-11 N3978504 E317189	**Elevation (ft):**	
PLSS:	T23S, R27E, Sec. 14 (M)	**Acres:**	1013.0

Location: ABOUT 1.3 TO 3.3 MI SE OF TERRA BELLA, N OF TOPEKA AND SANTA FE RAILROAD TRACKS.
Detailed Location:
Ecological:
General: 3 DENS OBSERVED SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	813	**Map Index:**	67668	**EO Index:**	67823	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Ducor (3511981)
County Summary: Tulare

Lat/Long:	35.95728 / -119.04528	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3981144 E315552	**Elevation (ft):**	490
PLSS:	T23S, R27E, Sec. 03 (M)	**Acres:**	0.0

Location: TERRA BELLA.
Detailed Location:
Ecological:
General: ROAD KILL SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	814	**Map Index:**	67669	**EO Index:**	67824	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Ducor (3511981)
County Summary: Tulare

Lat/Long:	35.98368 / -119.05282	**Accuracy:**	non-specific area
UTM:	Zone-11 N3984087 E314933	**Elevation (ft):**	
PLSS:	T22S, R27E, Sec. 27 (M)	**Acres:**	464.0

Location: ABOUT 1.6 MI NNW OF TERRA BELLA, JUST N OF DEER CREEK.
Detailed Location:
Ecological:
General: SIGHTING AT DEN SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	815	**Map Index:**	67670	**EO Index:**	67825	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Porterville (3611911)
County Summary: Tulare

Lat/Long:	36.03203 / -119.10262	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3989546 E310558	**Elevation (ft):**	400
PLSS:	T22S, R27E, Sec. 07 (M)	**Acres:**	0.0

Location: ABOUT 2.8 MI SE OF POPLAR, BETWEEN ROCKFORD RD AND FRIANT KERN CANAL.
Detailed Location:
Ecological:
General: DEN OBSERVED SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	816	**Map Index:**	67671	**EO Index:**	67826	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-11

Quad Summary: Porterville (3611911)
County Summary: Tulare

Lat/Long:	36.01475 / -119.03046	**Accuracy:**	non-specific area
UTM:	Zone-11 N3987491 E317021	**Elevation (ft):**	
PLSS:	T22S, R27E, Sec. 14 (M)	**Acres:**	676.0

Location: ABOUT 5.3 ROAD MI S OF PORTERVILLE ON HWY 65, BETWEEN HESS AVE AND MACOMBER RD.
Detailed Location:
Ecological:
General: ROAD KILL AND DEN OBSERVED SOMETIME FROM 1972 THROUGH JUL 1975.
Owner/Manager: UNKNOWN

Occurrence No.	893	**Map Index:**	67770	**EO Index:**	67922	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Sand Canyon (3511868), Quincy School (3511878)

County Summary: Kern

Lat/Long:	35.74510 / -118.98262	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3957489 E320726	**Elevation (ft):**	800
PLSS:	T25S, R28E, Sec. 20 (M)	**Acres:**	0.0

Location: RAG GULCH, ABOUT 1.5 MI WNW OF VILLARD RANCH, JUST S OF GARCES HWY (HWY 155).

Detailed Location:

Ecological:

General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	894	**Map Index:**	67771	**EO Index:**	67923	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Sand Canyon (3511868), Quincy School (3511878), Deepwell Ranch (3511961), Richgrove (3511971)

County Summary: Kern

Lat/Long:	35.74768 / -119.00147	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3957810 E319027	**Elevation (ft):**	760
PLSS:	T25S, R28E, Sec. 18 (M)	**Acres:**	0.0

Location: NEAR RAG GULCH, ABOUT 3 ROAD MI E OF INTERSECTION OF GARCES HWY AND HWY 65.

Detailed Location:

Ecological:

General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	896	**Map Index:**	67773	**EO Index:**	67925	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Richgrove (3511971)

County Summary: Kern

Lat/Long:	35.77822 / -119.08590	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3961358 E311463	**Elevation (ft):**	570
PLSS:	T25S, R27E, Sec. 05 (M)	**Acres:**	0.0

Location: RAG GULCH, ABOUT 1.8 MI SE OF RICHGROVE, 0.6 MI N OF QUINN RANCH.

Detailed Location:

Ecological:

General: DEAD FOX OTHER THAN ROAD KILL OBSERVED SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	897	**Map Index:**	67774	**EO Index:**	67926	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Richgrove (3511971)

County Summary: Tulare

Lat/Long:	35.82287 / -119.01669	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3966179 E317822	**Elevation (ft):**	620
PLSS:	T24S, R27E, Sec. 24 (M)	**Acres:**	0.0

Location: ABOUT 5 MI SSE OF DUCOR, 2 MI E OF HWY 65.

Detailed Location:

Ecological:

General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	898	**Map Index:**	67775	**EO Index:**	67927	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Quincy School (3511878)

County Summary: Tulare

Lat/Long:	35.79605 / -118.91172	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3963014 E327248	**Elevation (ft):**	970
PLSS:	T24S, R28E, Sec. 35 (M)	**Acres:**	0.0

Location: NW OF GRIZZLY GULCH, JUST N OF TULARE/KERN COUNTY LINE.

Detailed Location:

Ecological:

General: SIGHTING SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	899	**Map Index:**	67776	**EO Index:**	67928	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary: Quincy School (3511878), Fountain Springs (3511888)

County Summary: Tulare

Lat/Long:	35.88073 / -118.90765	**Accuracy:**	non-specific area
UTM:	Zone-11 N3972401 E327799	**Elevation (ft):**	970
PLSS:	T23S, R28E, Sec. 36 (M)	**Acres:**	479.0

Location: FOUNTAIN SPRINGS GULCH. ABOUT 0.4 MI ESE TO 1.2 MI SSE OF FOUNTAIN SPRINGS, NEAR MOUNTAIN RD 109 (OLD STAGE COACH RD).

Detailed Location:

Ecological:

General: SIGHTING AT DEN SOMETIME FROM 1972 THROUGH JUL 1975.

Owner/Manager: UNKNOWN

Occurrence No.	900	**Map Index:**	67777	**EO Index:**	67929	**Element Last Seen:**	1971-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1971-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-02-20

Quad Summary:	Woodville (3611912)
County Summary:	Tulare

Lat/Long:	36.05151 / -119.21638	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3991935 E300357	**Elevation (ft):**	330
PLSS:	T21S, R25E, Sec. 36 (M)	**Acres:**	0.0

Location:	ABOUT 3 MI SSW OF WOODVILLE, 0.9 ROAD MI E OF LAIRDS CORNER ON HWY 190.
Detailed Location:	
Ecological:	
General:	SIGHTING, ROAD KILL OR DEN PRIOR TO 1972.
Owner/Manager:	UNKNOWN

Occurrence No.	901	**Map Index:**	67778	**EO Index:**	67930	**Element Last Seen:**	1975-07-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1975-07-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2007-01-17

Quad Summary:	Porterville (3611911), Lindsay (3611921)
County Summary:	Tulare

Lat/Long:	36.12099 / -119.06854	**Accuracy:**	non-specific area
UTM:	Zone-11 N3999349 E313839	**Elevation (ft):**	400
PLSS:	T21S, R27E, Sec. 09 (M)	**Acres:**	418.0

Location:	ABOUT 1.9 MI SSW OF STRATHMORE, NEAR INTERSECTION OF WESTWOOD DR AND DAVIS AVE.
Detailed Location:	
Ecological:	
General:	SIGHTING AT DEN FROM 1972 THROUGH JUL 1975.
Owner/Manager:	UNKNOWN

Taxidea taxus

Element Code: AMAJF04010

American badger

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G5
	State:	None		**State:**	S3
	Other:	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern			
Habitat:	**General:**	MOST ABUNDANT IN DRIER OPEN STAGES OF MOST SHRUB, FOREST, AND HERBACEOUS HABITATS, WITH FRIABLE SOILS.			
	Micro:	NEEDS SUFFICIENT FOOD, FRIABLE SOILS AND OPEN, UNCULTIVATED GROUND. PREYS ON BURROWING RODENTS. DIGS BURROWS.			

Occurrence No.	328	**Map Index:** 57702	**EO Index:**	57718	**Element Last Seen:** XXXX-XX-XX
Occ. Rank:	Unknown		**Presence:**	Presumed Extant	**Site Last Seen:** XXXX-XX-XX
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown	**Record Last Updated:** 2004-10-26

Quad Summary: Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.02870 / -119.07082	**Accuracy:**	1 mile
UTM:	Zone-11 N3989116 E313416	**Elevation (ft):**	430
PLSS:	T22S, R27E, Sec. 09 (M)	**Acres:**	0.0

Location: 4 MI SW PORTERVILLE.

Detailed Location: LOCATION MAPPED IN THE VICINITY OF THE PORTERVILLE AIRPORT.

Ecological:

General: 1 COLLECTED, AMNH (AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK).

Owner/Manager: UNKNOWN

Anniella pulchra

Element Code: ARACC01020

Northern California legless lizard

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G3
	State:	None		**State:**	S2S3
	Other:	CDFW_SSC-Species of Special Concern, USFS_S-Sensitive			
Habitat:	**General:**	SANDY OR LOOSE LOAMY SOILS UNDER SPARSE VEGETATION.			
	Micro:	SOIL MOISTURE IS ESSENTIAL. THEY PREFER SOILS WITH A HIGH MOISTURE CONTENT.			

Occurrence No.	108	**Map Index:**	A5267	**EO Index:**	106990	**Element Last Seen:**	1940-04-02
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1940-04-02
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-07-12

Quad Summary: Success Dam (3611818), Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.06947 / -119.01629	**Accuracy:**	1 mile
UTM:	Zone-11 N3993536 E318425	**Elevation (ft):**	460
PLSS:	T21S, R27E, Sec. 25 (M)	**Acres:**	1987.0

Location: PORTERVILLE.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED NON-SPECIFICALLY TO THE CENTER OF THE TOWN OF PORTERVILLE AS DEPICTED ON 1940S TOPOGRAPHIC MAPS. MODERN COLLECTION LOCATIONS ARE KNOWN FROM THE VALLEY ESE OF PORTERVILLE BELOW SUCCESS DAM.

Ecological:

General: ONE COLLECTED ON 1 APR 1936 AND ONE COLLECTED ON 2 APR 1940. NEARBY MODERN COLLECTIONS EXPERTLY IDENTIFIED AS A. PULCHRA WITH RESPECT TO NEWLY DESCRIBED ANNIELLA SPECIES.

Owner/Manager: UNKNOWN

Occurrence No.	109	**Map Index:**	A5270	**EO Index:**	106992	**Element Last Seen:**	2017-04-23
Occ. Rank:	Excellent			**Presence:**	Presumed Extant	**Site Last Seen:**	2017-04-23
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2022-01-04

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.04675 / -118.97512	**Accuracy:**	specific area
UTM:	Zone-11 N3990939 E322081	**Elevation (ft):**	500
PLSS:	T22S, R28E, Sec. 5, NW (M)	**Acres:**	9.0

Location: 0.5 MILES SE OF THE INTERSECTION OF EAST POPLAR AVENUE & BLUE HERON PARKWAY, YAUDANCHI ECOLOGICAL RESERVE, PORTERVILLE.

Detailed Location:

Ecological: YAUDANCHI ER IS DESCRIBED AS A 161 ACRE RESERVE OF LOW-LYING FLATLANDS AND RIPARIAN HABITAT, PRIMARILY ESTABLISHED TO PROTECT A SIGNIFICANT GREAT BLUE HERON ROOKERY. THE SURROUNDING AREA APPEARS TO BE HOMESTEADS AND ORCHARDS.

General: 2 DETECTED ON 27 MAR 2013. 2 COLLECTED ON 8 MAR 2014, AND 4 COLLECTED IN MAR 2015. 4 COLLECTED ON 23 APR 2017. EXPERTLY IDENTIFIED BY T. PAPENFUSS AS NEWLY DESCRIBED CONCEPT OF A. PULCHRA (SEE PAPENFUSS & PARHAM 2013).

Owner/Manager: DFG-YAUDANCHI ER

Occurrence No.	110	**Map Index:**	A5273	**EO Index:**	106996	**Element Last Seen:**	2002-04-27
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2002-04-27
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-07-12

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.04581 / -118.95231	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3990793 E324134	**Elevation (ft):**	520
PLSS:	T22S, R28E, Sec. 4, NE (M)	**Acres:**	70.0

Location:	ABOUT 0.75 MILES WSW OF ROAD 284 AT HWY 190, N OF HWY 190 & S OF CAMPBELL-MORLAND DITCH, 4 MILES ESE OF PORTERVILLE.
Detailed Location:	LOCATION STATED AS EAGLE'S NEST RESORT AND MAPPED GENERALLY TO THAT LOCATION; HOWEVER ROAD MILES AND STATED COORDINATES ARE PLUS/MINUS ABOUT 0.25 MILES.
Ecological:	EAGLE'S NEST RESORT IS AN RV AND TENT CAMPING CAMPROUND. IT'S UNCLEAR IF THIS WAS COLLECTED ON THE PARCEL IMMEDIATELY EAST WHICH APPEARS TO BE A SAND/GRAVEL MINING OPERATION.
General:	ONE COLLECTED ON 27 APR 2002 AND USED AS A GENETIC REFERENCE FOR NEWLY DESCRIBED ANNIELLA CONCEPTS, SPECIFICALLY A. PULCHRA.
Owner/Manager:	PVT

Occurrence No.	111	**Map Index:**	A5277	**EO Index:**	106997	**Element Last Seen:**	2016-03-23
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2016-03-23
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-07-12

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.05693 / -118.92665	**Accuracy:**	80 meters
UTM:	Zone-11 N3991981 E326471	**Elevation (ft):**	550
PLSS:	T21S, R28E, Sec. 35, SW (M)	**Acres:**	5.0

Location:	0.3 MI SSW OF SUCCESS DAM SPILLWAY, 0.6 MI NE OF ROAD 284 AT WORTH DR, 5 MI E OF PORTERVILLE, BARTLETT COUNTY PARK.
Detailed Location:	ADDRESS OF PARK IS 28801 WORTH DR. LOCATION OF COLLECTION APPEARS TO BE JUST SOUTH OF THE PARK OFFICE NEAR A SERVICE ROAD WHERE BRUSH AND OTHER ITEMS ARE STORED.
Ecological:	BARTLETT PARK IS ON THE NW BANK OF TULE RIVER AT THE FOOT OF SUCCESS DAM & APPEARS BE SHADED LAWNS WITH PICNIC FACILITIES. SURROUNDING AREA APPEARS TO BE STEEP GRASSLAND SLOPES, WITH ORCHARDS & SAND/GRAVEL MINING ON THE VALLEY FLOOR.
General:	ONE COLLECTED ON 23 MAR 2016 AND EXPERTLY IDENTIFIED AS A. PULCHRA WITH RESPECT TO NEWLY DESCRIBED SPECIES CONCEPTS.
Owner/Manager:	TUL COUNTY-BARTLETT PARK

Gambelia sila **Element Code:** ARACF07010

blunt-nosed leopard lizard

Listing Status:	**Federal:**	Endangered	**CNDDB Element Ranks:**	**Global:**	G1
	State:	Endangered		**State:**	S1
	Other:	CDFW_FP-Fully Protected, IUCN_EN-Endangered			
Habitat:	**General:**	RESIDENT OF SPARSELY VEGETATED ALKALI AND DESERT SCRUB HABITATS, IN AREAS OF LOW TOPOGRAPHIC RELIEF.			
	Micro:	SEEKS COVER IN MAMMAL BURROWS, UNDER SHRUBS OR STRUCTURES SUCH AS FENCE POSTS; THEY DO NOT EXCAVATE THEIR OWN BURROWS.			

Occurrence No.	455	**Map Index:** B3798	**EO Index:** 116717	**Element Last Seen:**	1974-XX-XX
Occ. Rank:	None		**Presence:** Possibly Extirpated	**Site Last Seen:**	1974-XX-XX
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2019-08-26

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.89232 / -119.21513	**Accuracy:**	3/5 mile
UTM:	Zone-11 N3974272 E300069	**Elevation (ft):**	326
PLSS:	T23S, R25E, Sec. 25 (M)	**Acres:**	776.0

Location: VICINITY OF THE JUNCTIONS OF AVENUE 56 (HWY J22) AND ROAD 160, ABOUT 3.25 MILES ENE OF CENTRAL EARLIMART.

Detailed Location: MAPPED NON-SPECIFICALLY TO THE PROVIDED LOCATION DESCRIPTION.

Ecological: AREA APPEARED TO BE SEMI NATURAL/NATIVE HABITAT SURROUNDED BY AGRICULTURE IN 1956 AERIAL PHOTO. IN 1989 AERIAL APPEARS TO SHOW AGRICULTURE.

General: DETECTED IN THIS AREA BY DR. K. TOLLESTRUP IN 1974 DURING HER RESEARCH ON BNLL.

Owner/Manager: PVT

Northern Claypan Vernal Pool

Element Code: CTT44120CA

Northern Claypan Vernal Pool

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1
	State:	None		**State:**	S1.1
	Other:				
Habitat:	**General:**				
	Micro:				

Occurrence No.	5	**Map Index:** 15658	**EO Index:** 26487	**Element Last Seen:**	1983-XX-XX
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1983-XX-XX
Occ. Type:	Natural/Native occurrence		**Trend:** Increasing	**Record Last Updated:**	1998-10-13

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	325
PLSS:	T22S, R26E, Sec. 30, SW (M)	**Acres:**	0.0

Location: EAST OF PIXLEY, ON EAST SIDE OF ROAD 160, 1/4 MILE NORTH OF ROAD 104.

Detailed Location: ALKALI SWALE W/DISTICHLIS RUNS THROUGH PRESERVE. GRASSLANDS AND EXOTICS MATRIX.

Ecological: 25-75 POOLS DEPENDING ON WINTER RAIN. 145 SPP LISTED (1966-69): 14 POOL SPP, 27 CA ENDEMICS. SMALL AREAS BURNED TWICE BETWEEN 1969-79.

General: UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO. FORMER TNC PRESERVE; TRANSFERRED TO CNLM IN 1997. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: CNLM-PIXLEY PRESERVE

Occurrence No.	8	**Map Index:** 00019	**EO Index:** 26435	**Element Last Seen:**	1980-04-26
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1980-04-26
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	1998-07-15

Quad Summary: Fountain Springs (3511888), Ducor (3511981), Success Dam (3611818), Porterville (3611911)

County Summary: Tulare

Lat/Long:	35.99744 / -118.98926	**Accuracy:**	1 mile
UTM:	Zone-11 N3985494 E320695	**Elevation (ft):**	510
PLSS:	T22S, R28E, Sec. 19, S (M)	**Acres:**	0.0

Location: SOUTH OF PORTERVILLE, ABOUT 3 MILES NE OF TERRA BELLA, NORTH OF DEER CREEK, AND JUST EAST OF RR CROSSING.

Detailed Location:

Ecological: HORDEUM GENTICULATUM: 80-100% COVER. LUSH ANNUAL GRASSLAND INVADING POOLS. LASTHENIA ON BLUFFS ALONG DEER CREEK (1980). UNABLE TO CONVERT TO FLORISTIC CLASSIFICATION, LACKS SPP. INFO.

General: SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: UNKNOWN

Sycamore Alluvial Woodland

Element Code: CTT62100CA

Sycamore Alluvial Woodland

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1
	State:	None		**State:**	S1.1
	Other:				
Habitat:	**General:**				
	Micro:				

Occurrence No.	13	**Map Index:** 22648	**EO Index:** 8382	**Element Last Seen:**	1992-09-29
Occ. Rank:	Fair		**Presence:** Presumed Extant	**Site Last Seen:**	1992-09-29
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	1998-07-21

Quad Summary: Fountain Springs (3511888)

County Summary: Tulare

Lat/Long:	35.99594 / -118.92253	**Accuracy:**	specific area
UTM:	Zone-11 N3985207 E326707	**Elevation (ft):**	610
PLSS:	T22S, R28E, Sec. 23, SW (M)	**Acres:**	45.1

Location: DEER CREEK; 2.4 MILES NORTHEAST OF TENNESSEE KNOB, EAST OF ROAD 298 IN TULARE COUNTY.

Detailed Location: TWO POLYGONS ALONG DEER CREEK: THE LARGER IS MOSTLY NORTH OF DEER CREEK IN SW 1/4 OF SECTION 23, THE SMALLER IS MOSTLY SOUTH OF DEER CREEK IN THE NE 1/4 OF THE NE 1/4 OF SECTION 26.

Ecological: LARGER STAND APPROX 30 AC, SMALLER STAND APPROX 12 AC. BOTH STANDS ARE OPEN ON HIGH OUTER TERRACES AND HAVE AN UNDERSTORY OF ANNUAL GRASSES. NEARLY ALL PLATANUS RACEMOSA ARE LARGE AND SINGLE OR FEW STEMMED. NO SEEDLINGS, FEW SPROUTS.

General: ALLUVIUM LARGELY GRANITIC FROM SIERRA BATHOLITH WITH HIGH TERRACE DEPOSITS 20 FT ABOVE CREEK BED IN SOME CASES. SEE HTTPS://WILDLIFE.CA.GOV/DATA/VEGCAMP/NATURAL-COMMUNITIES TO INTERPRET AND ADDRESS THE PRESENCE OF RARE COMMUNITIES.

Owner/Manager: PVT

Branchinecta lynchi

Element Code: ICBRA03030

vernal pool fairy shrimp

Listing Status:	**Federal:**	Threatened	**CNDDB Element Ranks:**	**Global:**	G3
	State:	None		**State:**	S3
	Other:	IUCN_VU-Vulnerable			
Habitat:	**General:**	ENDEMIC TO THE GRASSLANDS OF THE CENTRAL VALLEY, CENTRAL COAST MOUNTAINS, AND SOUTH COAST MOUNTAINS, IN ASTATIC RAIN-FILLED POOLS.			
	Micro:	INHABIT SMALL, CLEAR-WATER SANDSTONE-DEPRESSION POOLS AND GRASSED SWALE, EARTH SLUMP, OR BASALT-FLOW DEPRESSION POOLS.			

Occurrence No.	124	**Map Index:**	15658	**EO Index:**	29205	**Element Last Seen:**	1993-01-16
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	1993-01-16
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1997-08-27

Quad Summary:	Sausalito School (3511982)
County Summary:	Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	320
PLSS:	T22S, R26E, Sec. 30, SW (M)	**Acres:**	0.0

Location:	PIXLEY VERNAL POOL PRESERVE, 5 MILES ENE OF PIXLEY AND 2 MILES WNW OF SAUSALITO SCHOOL.
Detailed Location:	MAPPED ACCORDING TO COORDINATES PROVIDED IN TEXT.
Ecological:	LAND USE IS A NATURAL PRESERVE.
General:	BRANCHINECTA LYNCHI OBSERVED ON 16 JANUARY 1993 BY GREG AND KAREN KIRKPATRICK, AND ROB HANSEN. FORMERLY A TNC PRESERVE; TRANSFERRED TO CNLM IN 1997.
Owner/Manager:	CNLM-PIXLEY PRESERVE

Occurrence No.	317	**Map Index:**	47950	**EO Index:**	47950	**Element Last Seen:**	2002-07-22
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	2002-07-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2014-10-28

Quad Summary:	Porterville (3611911)
County Summary:	Tulare

Lat/Long:	36.03680 / -119.03950	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3989954 E316258	**Elevation (ft):**	425
PLSS:	T22S, R27E, Sec. 10 (M)	**Acres:**	0.0

Location:	VICINITY OF THE INTERSECTION OF AVENUE 136 AND HIGHWAY 65, SOUTH OF PORTERVILLE.
Detailed Location:	POOL IDS: TK-01, TK-02, TK-15 AND TK-16. MAPPED TO INCLUDE LOCATIONS GIVEN FOR OCCUPIED POOLS, WHICH APPEAR TO BE OF VARIED ACCURACY.
Ecological:	VERNAL POOLS WITHIN A SINGLE WATERSHED, ON AN ALLUVIAL PLAIN THAT SLOPES FROM EAST TO WEST AND IS BISECTED BY THE HIGHWAY; LOW QUALITY HABITAT, SUBJECT TO DISTURBANCES ASSOCIATED WITH THE PROXIMITY TO HIGHWAY.
General:	INDIVIDUALS NUMBERING IN THE 100S OBSERVED ON 7 FEB, 20 FEB, AND 3 APR 2002. COLLECTED FEB-JUL 2002 AND DEPOSITED IN CAS.
Owner/Manager:	STATE, PVT

Occurrence No.	334	**Map Index:**	48483	**EO Index:**	48483	**Element Last Seen:**	2002-07-22
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	2002-07-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2014-12-30

Quad Summary:	Ducor (3511981)
County Summary:	Tulare

Lat/Long:	35.94260 / -119.05379	**Accuracy:**	80 meters
UTM:	Zone-11 N3979531 E314750	**Elevation (ft):**	490
PLSS:	T23S, R27E, Sec. 09, NE (M)	**Acres:**	0.0

Location:	ALONG HIGHWAY 65, 1.4 MILES S OF TERRA BELLA.
Detailed Location:	POOL ID: TK-08.
Ecological:	VERNAL POOL WITHIN A SINGLE WATERSHED ON AN ALLUVIAL PLAIN THAT SLOPES FROM EAST TO WEST AND IS BISECTED BY THE HIGHWAY; LOW QUALITY HABITAT WHICH IS SUBJECT TO DISTURBANCES ASSOCIATED WITH THE PROXIMITY TO THE HIGHWAY.
General:	1000 INDIVIDUALS OBSERVED ON 7 FEB 2002; 15 COLLECTED (CASIZ #161990). 7 COLLECTED ON 3 APR 2002 (CASIZ #161982). 50 (CYSTS?) COLLECTED 22 JUL 2002 (CASIZ #166582).
Owner/Manager:	STATE, PVT

Occurrence No.	335	**Map Index:**	48484	**EO Index:**	48484	**Element Last Seen:**	2002-02-07
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	2002-02-07
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2014-10-27

Quad Summary:	Ducor (3511981)
County Summary:	Tulare

Lat/Long:	35.96701 / -119.05348	**Accuracy:**	80 meters
UTM:	Zone-11 N3982238 E314835	**Elevation (ft):**	465
PLSS:	T22S, R27E, Sec. 34, SW (M)	**Acres:**	0.0

Location:	ALONG HIGHWAY 65, ON THE NW EDGE OF TERRA BELLA.
Detailed Location:	POOL ID: TK-14.
Ecological:	VERNAL POOL WITHIN A SINGLE WATERSHED ON AN ALLUVIAL PLAIN THAT SLOPES FROM EAST TO WEST AND IS BISECTED BY THE HIGHWAY; LOW QUALITY HABITAT WHICH IS SUBJECT TO DISTURBANCES ASSOCIATED WITH THE PROXIMITY TO HIGHWAY.
General:	100 INDIVIDUALS OBSERVED ON 7 FEB 2002; 50 (CYSTS?) COLLECTED, IN CAS (CASIZ #166581).
Owner/Manager:	STATE, PVT

Occurrence No.	337	**Map Index:**	48486	**EO Index:**	48486	**Element Last Seen:**	2002-07-22
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	2002-07-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2014-10-27

Quad Summary:	Porterville (3611911)
County Summary:	Tulare

Lat/Long:	36.02117 / -119.03991	**Accuracy:**	specific area
UTM:	Zone-11 N3988222 E316184	**Elevation (ft):**	455
PLSS:	T22S, R27E, Sec. 15, NE (M)	**Acres:**	25.0

Location:	WEST SIDE OF HIGHWAY 65, 3 MILES SOUTH OF PORTERVILLE.
Detailed Location:	POOL IDS TK-03, TK-04, TK-05, TK-06.
Ecological:	VERNAL POOLS WITHIN A SINGLE WATERSHED ON AN ALLUVIAL PLAIN THAT SLOPES FROM EAST TO WEST, BISECTED BY THE HIGHWAY; LOW QUALITY HABITAT, SUBJECT TO DISTURBANCES ASSOCIATED WITH THE PROXIMITY TO HIGHWAY.
General:	100S-1000S OBSERVED IN 2 POOLS ON 20 FEB; 1000S IN 1 POOL ON 3 APR; ABOUT 100 IN 1 POOL ON 22 JULY 2002. COLLECTIONS IN CAS (CASIZ #161981, 161994, 161983, 161979, 162003, 166583, 166585, 166586, & 166590).
Owner/Manager:	STATE, PVT

Occurrence No.	371	**Map Index:**	57744	**EO Index:**	57760	**Element Last Seen:**	2002-07-22
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	2002-07-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2014-10-27

Quad Summary:	Ducor (3511981)
County Summary:	Tulare

Lat/Long:	35.88380 / -119.05456	**Accuracy:**	specific area
UTM:	Zone-11 N3973010 E314543	**Elevation (ft):**	500
PLSS:	T23S, R27E, Sec. 33, E (M)	**Acres:**	10.0

Location:	FROM 0.4 TO 0.6 MILE SOUTHWEST OF CENTRAL DUCOR, ALONG HIGHWAY 65.
Detailed Location:	SOUTH: POOL TK12. NORTH: POOL TK13.
Ecological:	DEPRESSIONS IN STUDY AREA ARE WITHIN A SINGLE WATERSHED ON AN ALLUVIAL PLAIN SLOPING EAST TO WEST AND BISECTED BY THE HIGHWAY. POOR HABITAT QUALITY; VEGETATED BY NON-NATIVE INVASIVE SPECIES. UNGRAZED. B. LINDAHLI ALSO FOUND.
General:	FOUND IN BOTH POOLS IN 2001. CYSTS COLLECTED FROM BOTH POOLS IN 2002 AND DEPOSITED IN CAS (CASIZ #166584 & 166588).
Owner/Manager:	STATE, PVT

Occurrence No.	855	**Map Index:** 94302	**EO Index:**	95420	**Element Last Seen:**	2002-02-07
Occ. Rank:	Unknown		**Presence:**	Presumed Extant	**Site Last Seen:**	2002-02-07
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown	**Record Last Updated:**	2014-10-27

Quad Summary: Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.98348 / -119.05339	**Accuracy:**	1/10 mile
UTM:	Zone-11 N3984065 E314881	**Elevation (ft):**	450
PLSS:	T22S, R27E, Sec. 27, SW (M)	**Acres:**	0.0

Location: ALONG HWY 65 ABOUT 0.25 MILE NORTH OF THE DEER CREEK CROSSING AND 0.5 MILE NW OF RD 236 AT AVE 104, NNW OF TERRA BELLA.

Detailed Location: MAPPED TO COORDINATES PROVIDED WITH MUSEUM SPECIMEN, WHICH HOWEVER DO NOT MATCH THE GIVEN LOCALITY "1 MI W OF TERRA BELLA, E SIDE OF STATE ROUTE 65."

Ecological:

General: 14 COLLECTED ON 7 FEB 2002 (CASIZ #161978).

Owner/Manager: UNKNOWN

Desmocerus californicus dimorphus

Element Code: IICOL48011

valley elderberry longhorn beetle

Listing Status:	**Federal:**	Threatened	**CNDDB Element Ranks:**	**Global:**	G3T2T3
	State:	None		**State:**	S3
	Other:				
Habitat:	**General:**	OCCURS ONLY IN THE CENTRAL VALLEY OF CALIFORNIA, IN ASSOCIATION WITH BLUE ELDERBERRY (SAMBUCUS MEXICANA).			
	Micro:	PREFERS TO LAY EGGS IN ELDERBERRIES 2-8 INCHES IN DIAMETER; SOME PREFERENCE SHOWN FOR "STRESSED" ELDERBERRIES.			

Occurrence No.	62	**Map Index:** 31067	**EO Index:**	19327	**Element Last Seen:**	1991-04-21
Occ. Rank:	Fair		**Presence:**	Presumed Extant	**Site Last Seen:**	1991-04-21
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown	**Record Last Updated:**	1998-08-11

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.00781 / -118.95432	**Accuracy:**	80 meters
UTM:	Zone-11 N3986581 E323868	**Elevation (ft):**	550
PLSS:	T22S, R28E, Sec. 16, SE (M)	**Acres:**	0.0

Location: DEER CREEK (NORTH BANK), ON THE SOUTH SIDE OF AVENUE 120, 4 MILE SE OF PORTERVILLE.

Detailed Location: REPORT ON: TAXONOMY; DISTRIBUTION; LIFE HISTORY; HABITAT; FIELD TECHNIQUES & OBSERVATIONS; BEETLE RECOVERY.

Ecological: HABITAT CONSISTS OF BOTTOMLAND WITH SCATTERED SAMBUCUS, SURROUNDED BY ORCHARDS, GRASSLANDS, AND PASTURES.

General: 5 ELDERBERRY CLUMPS, INCLUDING 3 HUGE ONES, WERE CHECKED FOR VELB. ONE OLD EXIT HOLE OBSERVED.

Owner/Manager: PVT

Occurrence No.	63	**Map Index:**	31064	**EO Index:**	19335	**Element Last Seen:**	1991-04-21
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	1991-04-21
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1998-08-11

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.04558 / -118.99347	**Accuracy:**	non-specific area
UTM:	Zone-11 N3990842 E320425	**Elevation (ft):**	490
PLSS:	T22S, R28E, Sec. 06, NW (M)	**Acres:**	10.6

Location: SOUTH SIDE OF CAMPBELL-MORELAND DITCH, TRIBUTARY TO TULE RIVER, BETWEEN WORTH AVE AND HWY 190, JUST SE OF PORTERVILLE.

Detailed Location: REPORT ON: TAXONOMY; DISTRIBUTION; LIFE HISTORY; HABITAT; FIELD TECHNIQUES & OBSERVATIONS; BEETLE RECOVERY.

Ecological: HABITAT CONSISTS OF A BRUSHY AREA WITH A FEW TREES (OAKS AND ASHES), ELDERBERRIES, AND CHOKED WITH BLACKBERRY BRAMBLES.

General: MANY HOST PLANTS (SAMBUCUS RACEMOSA MICROBOTRYS) WITH NUMEROUS EXIT HOLES; 1 ADULT FEMALE OBSERVED.

Owner/Manager: PVT-AT&SF RR

Occurrence No.	64	**Map Index:**	31066	**EO Index:**	12654	**Element Last Seen:**	1991-04-30
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	1991-04-30
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1998-08-11

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.04869 / -118.93730	**Accuracy:**	non-specific area
UTM:	Zone-11 N3991085 E325492	**Elevation (ft):**	520
PLSS:	T22S, R28E, Sec. 03, NE (M)	**Acres:**	14.8

Location: TULE RIVER (SOUTH BANK), AT ROAD 284, JUST NORTH OF HWY 190, 2 MILES EAST OF PORTERVILLE.

Detailed Location: REPORT ON: TAXONOMY; DISTRIBUTION; LIFE HISTORY; HABITAT; FIELD TECHNIQUES & OBSERVATIONS; BEETLE RECOVERY.

Ecological: HABITAT CONSISTS OF A NARROW BAND OF RIPARIAN FOREST BORDERED BY OPEN FIELDS WITH SCATTERED ELDERBERRIES.

General: MANY ELDERBERRIES CAN BE FOUND ALONG THE TULE RIVER AND IN GRASSY FIELDS EAST OF PORTERVILLE. MANY RECENT AND OLD EXIT HOLES WERE PRESENT IN THE 3 CLUMPS THAT WERE CHECKED. WOOD SAMPLES WERE TAKEN OF LIVE WOOD WITH VELB GALLERIES.

Owner/Manager: UNKNOWN

Occurrence No.	65	**Map Index:**	31065	**EO Index:**	12655	**Element Last Seen:**	1991-04-30
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	1991-04-30
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1998-08-11

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.05688 / -118.92713	**Accuracy:**	non-specific area
UTM:	Zone-11 N3991976 E326426	**Elevation (ft):**	550
PLSS:	T21S, R28E, Sec. 35, SW (M)	**Acres:**	28.8

Location:	TULE RIVER (NORTH BANK), ADJACENT TO BARTLETT PARK, JUST BELOW LAKE SUCCESS DAM, 3 MILES EAST OF PORTERVILLE.
Detailed Location:	REPORT ON: TAXONOMY; DISTRIBUTION; LIFE HISTORY; HABITAT; FIELD TECHNIQUES & OBSERVATIONS; BEETLE RECOVERY.
Ecological:	HABITAT CONSISTS OF THE ROAD MARGIN ADJOINING A MANICURED PUBLIC PARK; 3 LARGE ELDERBERRY TREES HAD BEEN SEVERELY PRUNED AND TRIMMED.
General:	BOTH RECENT AND OLD EXIT HOLES WERE PRESENT ON 30 APRIL 1991. WOOD SAMPLES TAKEN OF DEAD WOOD WITH VELB GALLERIES.
Owner/Manager:	UNKNOWN

Lytta hoppingi **Element Code:** IICOL4C010

Hopping's blister beetle

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1G2
	State:	None		**State:**	S2
	Other:				
Habitat:	**General:**	INHABITS THE FOOTHILLS AT THE SOUTHERN END OF THE CENTRAL VALLEY.			
	Micro:				

Occurrence No.	3	**Map Index:** 15619	**EO Index:** 6170	**Element Last Seen:**	19XX-03-02
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	19XX-03-02
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2006-03-29

Quad Summary: Delano East (3511972), Delano West (3511973)

County Summary: Kern

Lat/Long:	35.76716 / -119.24622	**Accuracy:**	1 mile
UTM:	Zone-11 N3960450 E296943	**Elevation (ft):**	300
PLSS:	T25S, R25E, Sec. 11 (M)	**Acres:**	0.0

Location: DELANO, 30 MILES NORTH OF BAKERSFIELD.

Detailed Location:

Ecological:

General: UNKNOWN NUMBER OF INDIVIDUALS FOUND BY UNKNOWN INVESTIGATOR ON MARCH 2 (YEAR UNKNOWN). RECORD REPORTED BY SELANDER.

Owner/Manager: UNKNOWN

Occurrence No.	5	**Map Index:** 57102	**EO Index:** 57118	**Element Last Seen:**	1934-03-25
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1934-03-25
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2006-03-30

Quad Summary: Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.89135 / -119.04754	**Accuracy:**	1 mile
UTM:	Zone-11 N3973834 E315194	**Elevation (ft):**	
PLSS:	T23S, R27E, Sec. 34 (M)	**Acres:**	0.0

Location: DUCOR, TULARE CO.

Detailed Location:

Ecological:

General: 1990 LETTER TO USFWS REPORTING THAT 8 MALE AND 8 FEMALE SPECIMENS COLLECTED IN 1934 ARE HOUSED AT THE TULARE COUNTY AGRICULTURAL COMMISSIONER'S OFFICE IN VISALIA.

Owner/Manager: UNKNOWN

Lytta morrisoni

Element Code: IICOL4C040

Morrison's blister beetle

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1G2
	State:	None		**State:**	S2
	Other:				
Habitat:	**General:**	INHABITANT OF THE SOUTHERN CENTRAL VALLEY OF CALIFORNIA.			
	Micro:	□			

Occurrence No.	7	**Map Index:**	57100	**EO Index:**	57116	**Element Last Seen:**	1939-05-01
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1939-05-01
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-03-29

Quad Summary: Success Dam (3611818), Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.04408 / -119.00817	**Accuracy:**	1 mile
UTM:	Zone-11 N3990703 E319097	**Elevation (ft):**	
PLSS:	T22S, R27E, Sec. 01 (M)	**Acres:**	0.0

Location: PLANO, TULARE COUNTY.

Detailed Location:

Ecological:

General: 1990 REPORTING OF 1 MALE AND 1 FEMALE SPECIMEN, COLLECTED 1 MAY 1939 THAT ARE HOUSED AT TULARE COUNTY AGRICULTURAL COMMISSIONER'S OFFICE IN VISALIA.

Owner/Manager: UNKNOWN

Bombus crotchii

Element Code: IIHYM24480

Crotch bumble bee

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2
	State:	Candidate Endangered		**State:**	S2
	Other:	IUCN_EN-Endangered			
Habitat:	**General:**	COASTAL CALIFORNIA EAST TO THE SIERRA-CASCADE CREST AND SOUTH INTO MEXICO.			
	Micro:	FOOD PLANT GENERA INCLUDE ANTIRRHINUM, PHACELIA, CLARKIA, DENDROMECON, ESCHSCHOLZIA, AND ERIOGONUM.			

Occurrence No.	73	**Map Index:**	22816	**EO Index:**	98762	**Element Last Seen:**	1963-06-13
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1963-06-13
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2015-09-10

Quad Summary: Success Dam (3611818), Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.07216 / -119.00473	**Accuracy:**	1 mile
UTM:	Zone-11 N3993812 E319471	**Elevation (ft):**	500
PLSS:	T21S, R27E, Sec. 25 (M)	**Acres:**	0.0

Location: PORTERVILLE.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED BY CNDDB IN THE GENERAL VICINITY OF PORTERVILLE.

Ecological:

General: COLLECTIONS WERE MADE IN THIS VICINITY ON 31 MAY 1958, 10 MAY 1959, AND 13 JUN 1963.

Owner/Manager: UNKNOWN

Eryngium spinosepalum **Element Code:** PDAPI0Z0Y0

spiny-sepaled button-celery

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.2, BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden			
Habitat:	**General:**	VERNAL POOLS, VALLEY AND FOOTHILL GRASSLAND.			
	Micro:	SOME SITES ON CLAY SOIL OF GRANITIC ORIGIN; VERNAL POOLS, WITHIN GRASSLAND. 15-1270 M.			

Occurrence No.	1 **Map Index:** 91154	**EO Index:**	35387	**Element Last Seen:**	1954-06-26
Occ. Rank:	None	**Presence:**	Possibly Extirpated	**Site Last Seen:**	1987-10-02
Occ. Type:	Natural/Native occurrence	**Trend:**	Unknown	**Record Last Updated:**	2013-12-31

Quad Summary: Globe (3611817), Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.10088 / -118.86873	**Accuracy:**	non-specific area
UTM:	Zone-11 N3996754 E331780	**Elevation (ft):**	800
PLSS:	T21S, R29E, Sec. 17 (M)	**Acres:**	79.0

Location: TULE RIVER VALLEY, 4.5 MILES BELOW SPRINGVILLE.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB AROUND 4.5 ROAD MILES SOUTHWEST OF SPRINGVILLE ALONG HIGHWAY 190, WHERE THE HIGHWAY CROSSES THE TULE RIVER VALLEY.

Ecological: MEADOW. SUMMER-DRY RAIN POOL.

General: MAIN SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1954 COLLECTION BY HOWELL. ALSO COLLECTED IN 1938 FROM "BELOW SPRINGVILLE," IN 1943 FROM "MEADOW W OF SPRINGVILLE, 750FT," & 1954 FROM SPRINGVILLE. NO PLANTS SEEN NEAR SPRINGVILLE IN 1987.

Owner/Manager: UNKNOWN

Occurrence No.	82 **Map Index:** 91162	**EO Index:**	92214	**Element Last Seen:**	1965-06-16
Occ. Rank:	Unknown	**Presence:**	Presumed Extant	**Site Last Seen:**	1965-06-16
Occ. Type:	Natural/Native occurrence	**Trend:**	Unknown	**Record Last Updated:**	2014-01-02

Quad Summary: McFarland (3511962), Delano East (3511972)

County Summary: Kern

Lat/Long:	35.74349 / -119.24242	**Accuracy:**	non-specific area
UTM:	Zone-11 N3957817 E297226	**Elevation (ft):**	300
PLSS:	T25S, R25E, Sec. 23, E (M)	**Acres:**	103.0

Location: 1 MILE SOUTH OF DELANO, SAN JOAQUIN VALLEY.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB AROUND 1 ROAD MILE SOUTH DELANO ALONG HIGHWAY 99.

Ecological:

General: ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1965 COLLECTION BY ZANINOVICH. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Occurrence No.	99	**Map Index:**	B0859	**EO Index:**	112741	**Element Last Seen:**	2016-03-28
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	2016-03-28
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2018-09-27

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.09862 / -118.94708	**Accuracy:**	specific area
UTM:	Zone-11 N3996642 E324723	**Elevation (ft):**	660
PLSS:	T21S, R28E, Sec. 16, SE (M)	**Acres:**	5.0

Location: NEAR NW SHORELINE OF LAKE SUCCESS, SOUTH OF FRAZIER DIKE.

Detailed Location: MAPPED AS 2 POLYGONS ACCORDING TO 2016 PROVANCE COORDINATES, IN THE WEST 1/2 OF THE SW 1/4 OF SECTION 15 AND THE EAST 1/2 OF THE SE 1/4 OF SECTION 16.

Ecological: INTERMITTENTLY FLOODED ROAD. COMPACT SILTY CLAY, IN BROMUS DIANDRUS/AVENA DOMINATED GRASSLAND BORDERING ATRIPLEX POLYCARPA WITH SAMBUCUS. SOME PLANTS IN BROMUS MADRITENSIS/HORDEUM MURINUM DOMINATED MOIST MEADOW.

General: APPROXIMATELY 100 PLANTS OBSERVED IN 2016. PLANTS STERILE; COLLECTED AS ERYNGIUM PINNATISECTUM BUT LIKELY E. SPINOSEPALUM BASED ON PROXIMITY TO KNOWN E. SPINOSEPALUM OCCURRENCE ACCORDING TO PROVANCE.

Owner/Manager: USACE

Occurrence No.	100	**Map Index:**	B0860	**EO Index:**	112743	**Element Last Seen:**	2017-05-11
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2017-05-11
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2018-09-28

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.10428 / -118.94234	**Accuracy:**	specific area
UTM:	Zone-11 N3997262 E325162	**Elevation (ft):**	660
PLSS:	T21S, R28E, Sec. 15, NW (M)	**Acres:**	1.0

Location: AT THE BASE OF THE FRAZIER DIKE (NORTH SIDE) 400 METERS SW OF SPRINGVILLE SUBSTATION, LAKE SUCCESS.

Detailed Location: MAPPED ACCORDING TO 2016 PROVANCE COORDINATES, IN THE SOUTH 1/2 OF THE NW 1/4 OF SECTION 15.

Ecological: VERNAL POOL ON HEAVY BLACK ADOBE NOW DRY. ASSOCIATES INCLUDE ELEOCHARIS MACROSTACHYA, LYTHRUM HYSSOPIFOLIA, LOLIUM, RUMEX.

General: APPROXIMATELY 200 PLANTS OBSERVED IN 2016 AND 2017.

Owner/Manager: USACE

Lasthenia chrysantha

Element Code: PDAST5L030

alkali-sink goldfields

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.1			
Habitat:	**General:**	VERNAL POOLS.			
	Micro:	ALKALINE. 0-200 M.			

Occurrence No.	9	**Map Index:**	82166	**EO Index:**	118492	**Element Last Seen:**	1973-03-20
Occ. Rank:	None			**Presence:**	Possibly Extirpated	**Site Last Seen:**	1973-03-20
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2020-06-19

Quad Summary:	Sausalito School (3511982)
County Summary:	Tulare

Lat/Long:	35.92094 / -119.21737	**Accuracy:**	1 mile
UTM:	Zone-11 N3977451 E299938	**Elevation (ft):**	
PLSS:	T23S, R25E, Sec. 24 (M)	**Acres:**	0.0

Location:	4 MILES NORTHEAST OF EARLIMART.
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS ABOUT 4 AIR MILES NE OF EARLIMART BASED ON A 1973 ZANINOVICH COLLECTION.
Ecological:	
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1973 ZANINOVICH COLLECTION. BASED ON AERIAL IMAGERY, MOST OF THE LAND IN THIS VICINITY HAS BEEN CONVERTED TO INTENSIVE AGRICULTURE.
Owner/Manager:	UNKNOWN

Occurrence No.	10	**Map Index:**	B5526	**EO Index:**	118493	**Element Last Seen:**	1973-03-20
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1973-03-20
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2020-05-21

Quad Summary:	Sausalito School (3511982)
County Summary:	Tulare

Lat/Long:	35.98435 / -119.21256	**Accuracy:**	non-specific area
UTM:	Zone-11 N3984476 E300532	**Elevation (ft):**	325
PLSS:	T22S, R26E, Sec. 30, SW (M)	**Acres:**	39.0

Location:	PIXLEY NATURAL AREA, ABOUT 5 MILES ENE OF PIXLEY.
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AROUND THE CNLM PIXLEY PRESERVE IN THE NW 1/4 SW 1/4 SECTION 30.
Ecological:	FORTY ACRES OF VERNAL POOLS IN VALLEY GRASSLAND. EDGE OF DRIED POOL ON WESTERN SIDE.
General:	SITE BASED ON 1969, 1971 & 1973 COLLECTIONS FROM PIXLEY NATURAL AREA. PRESERVE FORMERLY OWNED BY TNC. NEEDS FIELDWORK.
Owner/Manager:	CNLM

Occurrence No.	12	**Map Index:**	B5531	**EO Index:**	118499	**Element Last Seen:**	1973-03-20
Occ. Rank:	None			**Presence:**	Possibly Extirpated	**Site Last Seen:**	1973-03-20
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2020-06-19

Quad Summary: Sausalito School (3511982), Pixley (3511983)

County Summary: Tulare

Lat/Long:	35.90984 / -119.25539	**Accuracy:**	2/5 mile
UTM:	Zone-11 N3976299 E296480	**Elevation (ft):**	285
PLSS:	T23S, R25E, Sec. 22, SE (M)	**Acres:**	280.0

Location: 2.5 MILES NORTHEAST OF EARLIMART NEAR SMALL AIR STRIP.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB AROUND AIR STRIP VISIBLE ON TOPOS ABOUT 2 MILES NE OF EARLIMART, BASED ON A 1973 ZANINOVICH COLLECTION.

Ecological:

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1973 ZANINOVICH COLLECTION. BASED ON AERIAL IMAGERY, THE AIRSTRIP & MOST OF THE LAND IN THIS VICINITY HAS BEEN CONVERTED TO INTENSIVE AGRICULTURE.

Owner/Manager: UNKNOWN

Pseudobahia peirsonii

Element Code: PDAST7P030

San Joaquin adobe sunburst

Listing Status:	**Federal:**	Threatened	**CNDDB Element Ranks:**	**Global:**	G1
	State:	Endangered		**State:**	S1
	Other:	Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden			
Habitat:	**General:**	VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.			
	Micro:	GRASSY VALLEY FLOORS AND ROLLING FOOTHILLS IN HEAVY CLAY SOIL. 115-795 M.			

Occurrence No.	5	**Map Index:**	15821	**EO Index:**	7915	**Element Last Seen:**	1952-03-28
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	2010-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-04-27

Quad Summary: Richgrove (3511971)

County Summary: Tulare

Lat/Long:	35.80255 / -119.05269	**Accuracy:**	specific area
UTM:	Zone-11 N3963993 E314523	**Elevation (ft):**	590
PLSS:	T24S, R27E, Sec. 34, NW (M)	**Acres:**	13.0

Location: 0.8 MILE NORTH OF TULARE/KERN COUNTY LINE, ON EAST SIDE OF HIGHWAY 65.

Detailed Location: LOCATED IN NW 1/4 OF THE NW 1/4 OF SECTION 34 JUST NORTH OF DRAINAGE.

Ecological: IN WHEAT FIELD ON ROCKY REDDISH LOAM. ASSOCIATED WITH BRODIAEA, AMSINCKIA, AND PHACELIA CILIATA.

General: SITE BASED ON A 1952 CARLQUIST COLLECTION. SITE VISITED IN 1974, 1990, AND 2010; PLANTS EXTIRPATED FROM THIS SITE. LOCATION IS NOW AN ORANGE GROVE; SURROUNDING LAND USE INCLUDES WHEAT, OAT, AND CITRUS.

Owner/Manager: PVT

Occurrence No.	6	**Map Index:**	15799	**EO Index:**	21318	**Element Last Seen:**	1965-03-07
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	2010-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-03-29

Quad Summary: Richgrove (3511971)

County Summary: Tulare

Lat/Long:	35.83879 / -119.08484	**Accuracy:**	non-specific area
UTM:	Zone-11 N3968074 E311703	**Elevation (ft):**	500
PLSS:	T24S, R27E, Sec. 17, SW (M)	**Acres:**	48.5

Location: VESTAL SUBSTATION BY RAILROAD TRACKS, APPROXIMATELY 3.0 MILES NORTH-NORTHEAST OF RICHGROVE.

Detailed Location: MAPPED BY CNDDB AS BEST GUESS ALONG EITHER SIDE OF RR TRACKS IN VICINITY OF VESTAL.

Ecological:

General: SITE BASED ON A 1965 ZANINOVICH COLLECTION. SITE IS NOW AN ORANGE GROVE (1974). IN 1990, NO PLANTS SEEN; LANDS N AND S OF SITE PLOWED FOR NEW PLANTINGS, LANDS TO THE W PLANTED TO GRAPES, LANDS TO E PLANTED TO WHEAT. NO PLANTS IN 2010.

Owner/Manager: PVT

Occurrence No.	7	**Map Index:**	56137	**EO Index:**	56153	**Element Last Seen:**	1983-04-01
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	1990-04-07
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-03-27

Quad Summary: Ducor (3511981)

County Summary: Tulare

Lat/Long:	35.93936 / -119.04489	**Accuracy:**	1/10 mile
UTM:	Zone-11 N3979155 E315545	**Elevation (ft):**	490
PLSS:	T23S, R27E, Sec. 10, S (M)	**Acres:**	18.0

Location: ALONG COUNTY RD 236, 0.2 MILE SOUTH OF AVENUE 84 AND ABOUT 1 MILE SOUTH OF TERRA BELLA.

Detailed Location: ALONG OLD HWY 65 ADJACENT TO RAILROAD TRACKS. MAPPED BY CNDDB AROUND ROAD 236 ABOUT 0.2 MILE SOUTH OF AVENUE 84 BASED ON A 1983 SHEVOCK COLLECTION. SEVERAL VAGUE 1925 COLLECTIONS FROM "DUCOR TO TERRA BELLA" ATTRIBUTED HERE.

Ecological: SMALL 40 ACRE FIELD SURROUNDED BY OLIVES AND ORANGES IN A VALLEY GRASSLAND.

General: TYPE LOCALITY. SITE BASED ON A 1983 SHEVOCK COLLECTION. VIRTUALLY ALL OF THE LANDS IN THE VICINITY OF DUCOR NORTH TO TERRA BELLA HAVE BEEN CONVERTED TO INTENSIVE AGRICULTURE. SITE LAST SURVEYED IN 1990 AND IS CONSIDERED EXTIRPATED.

Owner/Manager: PVT

Occurrence No.	8	**Map Index:**	30797	**EO Index:**	56154	**Element Last Seen:**	1935-03-28
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	1990-04-08
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-04-28

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.02211 / -118.95016	**Accuracy:**	1 mile
UTM:	Zone-11 N3988160 E324275	**Elevation (ft):**	1700
PLSS:	T22S, R28E (M)	**Acres:**	0.0

Location: 4 MILES SOUTHEAST OF PORTERVILLE.

Detailed Location: MAPPED BY CNDDB AS BEST GUESS APPROXIMATELY 4 AIR MILES SE OF PORTERVILLE.

Ecological:

General: SITE BASED ON A 1935 RICHARDSON COLLECTION. SITE VISITED IN 1990, NO PLANTS FOUND; MOST LANDS IN THIS VICINITY HAVE BEEN CONVERTED TO INTENSIVE AGRICULTURE. SITE IS PRESUMED EXTIRPATED.

Owner/Manager: PVT

Occurrence No.	10	**Map Index:**	00141	**EO Index:**	7986	**Element Last Seen:**	2010-03-31
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-03-31
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-03-27

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.06040 / -118.92835	**Accuracy:**	specific area
UTM:	Zone-11 N3992368 E326324	**Elevation (ft):**	700
PLSS:	T21S, R28E, Sec. 34, NE (M)	**Acres:**	5.0

Location: APPROXIMATELY 0.25 AIR MILE WEST OF SUCCESS DAM, NORTH OF BARTLETT PARK, EAST OF PORTERVILLE.

Detailed Location: ALONG ROAD TO SUCCESS DAM APPROXIMATELY 0.35 MILE BELOW SPILLWAY ON ROADBANK, 0.15 MILE ABOVE ENTRANCE TO BARTLETT PARK. NEAR BASE OF BIG HILL.

Ecological: GROWING ON PORTERVILLE CLAY SOILS IN ASSOCIATION WITH AMSINCKIA INTERMEDIA, AVENA BARBATA, BROMUS DIANDRUS, B. RUBENS, SISYMBRIUM, AND SILYBUM.

General: ~30 PLANTS OBSERVED IN 1974. ~100 PLANTS IN 1985, 45 PLANTS IN 1990, 40 PLANTS SEEN IN 2010. PLANTS OCCUR BETWEEN ROAD AND FENCE, NO PLANTS OBSERVED BEHIND FENCE IN OVERGRAZED GRASSLAND. INCLUDES FORMER OCCURRENCE #9.

Owner/Manager: PVT

Occurrence No.	17	**Map Index:**	00089	**EO Index:**	12544	**Element Last Seen:**	XXXX-XX-XX
Occ. Rank:	None			**Presence:**	Possibly Extirpated	**Site Last Seen:**	2010-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-04-29

Quad Summary:	Fountain Springs (3511888)
County Summary:	Tulare

Lat/Long:	35.89216 / -118.95622	**Accuracy:**	1 mile
UTM:	Zone-11 N3973754 E323439	**Elevation (ft):**	700
PLSS:	T23S, R28E, Sec. 28, S (M)	**Acres:**	0.0

Location:	5 MILES EAST OF DUCOR.
Detailed Location:	
Ecological:	
General:	SITE BASED ON A HAMON OBSERVATION. NOT SEEN IN 1986. IN 1990 MOST LANDS IN AREA HAD BEEN CONVERTED TO INTENSIVE AG; ONLY ~10 ACRES IN SEC 28 WERE UNCULTIVATED, BUT NO PLANTS WERE SEEN. SURVEYED IN 2010 BUT NO APPROPRIATE HABITAT PRESENT.
Owner/Manager:	PVT

Occurrence No.	19	**Map Index:**	00152	**EO Index:**	7987	**Element Last Seen:**	2006-04-17
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Fluctuating	**Record Last Updated:**	2011-05-10

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.07639 / -118.92366	**Accuracy:**	specific area
UTM:	Zone-11 N3994134 E326781	**Elevation (ft):**	700
PLSS:	T21S, R28E, Sec. 26, NW (M)	**Acres:**	47.0

Location:	1.5 KM (0.9 MI) NORTH OF SPILLWAY OF LAKE SUCCESS AT THE BASE OF ROCKY HILL.
Detailed Location:	3 POLYGONS MAPPED BY CNDDB ACCORDING TO MAPS PROVIDED.
Ecological:	GROWING ON PORTERVILLE AND CIBO CLAY SOILS IN DEGRADED NON-NATIVE GRASSLAND HABITAT. THE DOMINANT ASSOCIATES INCLUDE BRASSICA NIGRA, AVENA FATUA, ETC. THE RARE FRITILLARIA STRIATA HAS BEEN OBSERVED AT THE NORTHERN PORTION OF THE OCCURRENCE.
General:	APPROX. 225 PLANTS SEEN IN 1985, 50 SEEN IN 1986, 200 IN 1989, 200 IN 1990. 150 PLANTS SEEN IN 2002 BY CYPHER. 30 PLANTS OBSERVED IN NORTH AND EAST POLYGONS IN 2006. NOT OBSERVED IN 2010 (SITE HEAVILY MODIFIED). INCLUDES FORMER OCC #20.
Owner/Manager:	DOD-COE

Occurrence No.	21	**Map Index:**	00226	**EO Index:**	7985	**Element Last Seen:**	1985-04-06
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	1990-03-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Decreasing	**Record Last Updated:**	2011-05-04

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.06933 / -118.88731	**Accuracy:**	80 meters
UTM:	Zone-11 N3993286 E330041	**Elevation (ft):**	700
PLSS:	T21S, R29E, Sec. 30, SW (M)	**Acres:**	0.0

Location:	LAKE SUCCESS, SOUTH FORK TULE RIVER ARM, APPROXIMATELY 1 MI NNE OF MINE HILL SUMMIT.
Detailed Location:	IN LOW RAVINE JUST ABOVE HIGH WATER LEVEL.
Ecological:	GROWING ON HEAVY PORTERVILLE CLAY IN SEVERELY IMPACTED NON-NATIVE GRASSLAND. DOMINANT SPECIES INCLUDE AMSINCKIA INTERMEDIA, BROMUS RUBENS, AND ERODIUM CICUTARIUM.
General:	31 DEPAUPERATE PLANTS SEEN IN 1985, NONE FOUND BY STEBBINS IN 1986 OR 1990. THERE IS SOME QUESTION WHETHER STEBBINS VISITED THE SAME SITE IN 1990 AS IN 1985 (MAPS DON'T MATCH EXACTLY). SITE WAS NOT ACCESSIBLE IN 2010.
Owner/Manager:	DOD-COE

Occurrence No.	23	**Map Index:**	00165	**EO Index:**	7962	**Element Last Seen:**	2010-03-31
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-03-31
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-09

Quad Summary:	Fountain Springs (3511888)
County Summary:	Tulare

Lat/Long:	35.88201 / -118.91675	**Accuracy:**	specific area
UTM:	Zone-11 N3972558 E326979	**Elevation (ft):**	850
PLSS:	T23S, R28E, Sec. 35, E (M)	**Acres:**	52.0

Location:	APPROXIMATELY 0.3 TO 0.9 MILE SOUTH OF FOUNTAIN SPRINGS ALONG EDISON TRANSMISSION LINE.
Detailed Location:	MAPPED BY CNDDB AS 3 POLYGONS: NORTH-MOST AND SOUTH-MOST POLYGONS BASED ON 2010 VOLLMAR CONSULTING DIGITAL DATA, MIDDLE POLYGON BASED ON A 1986 TAYLOR MAP. PLANTS NOT OBSERVED IN MIDDLE POLYGON IN 2010.
Ecological:	IN NON-NATIVE GRASSLAND ON CIBO CLAY SOIL, MOSTLY ON GENTLE NE-FACING SLOPES. ASSOCIATED WITH AVENA BARBATA, BROMUS MOLLIS, AMSINCKIA INTERMEDIA, LEPIDIUM NITIDUM, ACHYRACHAENA MOLLIS, LUPINUS BICOLOR, VULPIA SP, ETC.
General:	NORTH POLYGON: 1000 PLANTS OBSERVED IN 1990, 400 PLANTS IN 2010. MIDDLE POLYGON: 3000 PLANTS OBSERVED IN 1986. SOUTH POLYGON: ~2000 PLANTS IN 2010. PRESENT GRAZING AT MODERATE LEVELS MAY SERVE TO LIMIT COMPETITION WITH ANNUAL GRASSES.
Owner/Manager:	PVT

Occurrence No.	24	**Map Index:**	00166	**EO Index:**	7961	**Element Last Seen:**	2016-03-20
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	2016-03-20
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-04-06

Quad Summary: Fountain Springs (3511888)

County Summary: Tulare

Lat/Long:	35.89686 / -118.91622	**Accuracy:**	specific area
UTM:	Zone-11 N3974205 E327060	**Elevation (ft):**	840
PLSS:	T23S, R28E, Sec. 26, SE (M)	**Acres:**	15.0

Location: 0.4 MILE NORTH OF FOUNTAIN SPRINGS ALONG EDISON TRANSMISSION LINE.

Detailed Location: LOCATED IN CENTER OF THE NORTH 1/2 OF THE SE 1/4 OF SECTION 26. EXTREMELY DRY CONDITIONS AND AGGRESSIVE COMPETITION FROM WEEDY SPECIES HAVE CONTRIBUTED TO POOR HABITAT QUALITY (1990).

Ecological: ON GENTLE N-FACING SLOPE IN ANNUAL GRASSLAND IN CIBO CLAY SOIL. ASSOCIATED WITH HORDEUM LEPORINUM, SISYMBRIUM ALTISSIMUM, AMSINCKIA INTERMEDIA, ACHYRACHAENA MOLLIS, ERODIUM CICUTARIUM, VULPIA, LEPIDIUM, AVENA, AND HIRSCHFELDIA.

General: 500 PLANTS SEEN IN 1986, 15 IN 1990. ~150 SEEN IN SE PORTION OF POLYGON IN 2010 (PLANTS OBSCURED BY DENSE HIRSCHFELDIA). ABOUT 1000+ PLANTS OBSERVED IN 2016.

Owner/Manager: PVT

Occurrence No.	26	**Map Index:**	22182	**EO Index:**	7968	**Element Last Seen:**	2016-03-18
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	2016-03-18
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-03-27

Quad Summary: Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.10729 / -119.01186	**Accuracy:**	specific area
UTM:	Zone-11 N3997723 E318909	**Elevation (ft):**	650
PLSS:	T21S, R27E, Sec. 13, N (M)	**Acres:**	98.2

Location: LEWIS HILL, NORTH OF PORTERVILLE.

Detailed Location: LOCATED WITHIN THE SE 1/4 OF THE SE 1/4 OF SECTION 11, N 1/2 SEC 13, AND S 1/2 SEC 12. INCLUDES FORMER OCC #27.

Ecological: GROWING ON CIBO CLAY AND CIBO ROCK OUTCROP COMPLEX SOILS IN ABANDONED WHEAT FIELD. ASSOCIATES INCLUDE HORDEUM LEPORINUM, ACHYRACHAENA MOLLIS, AVENA BARBATA, BROMUS MOLLIS, SENECIO, MEDICAGO, STELLARIA, AMSINCKIA, AND ERODIUM CICUTARIUM.

General: 71 PLANTS SEEN IN 1988 IN 3 NORTH POLYGONS. SOUTH POLYGON: <100 PLANTS SEEN IN 2001, UNKNOWN NUMBER IN 2015, 148 IN 2016. SITE MAY BENEFIT IF LEFT UNDER PRESENT GRAZING REGIME RATHER THAN REVERTING BACK TO CULTIVATED AGRICULTURE (1988).

Owner/Manager: PVT

Occurrence No.	28	**Map Index:**	22184	**EO Index:**	7967	**Element Last Seen:**	1988-03-27
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	1990-04-12
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-09

Quad Summary:	Porterville (3611911)
County Summary:	Tulare

Lat/Long:	36.10081 / -119.01106	**Accuracy:**	80 meters
UTM:	Zone-11 N3997002 E318967	**Elevation (ft):**	590
PLSS:	T21S, R27E, Sec. 13, SW (M)	**Acres:**	0.0

Location:	SOUTH SLOPE OF LEWIS HILL, 1.8 KM (1.1 MI) NNW OF INTERSECTION OF LOCUST STREET AND GREVILLA STREET IN PORTERVILLE.
Detailed Location:	WITHIN THE NE 1/4 OF THE SW 1/4 OF SECTION 13, 0.2 KM (0.1 MI) WEST OF GREVILLA STREET, 0.6 KM (0.35 MI) SOUTH OF ELEV. 1028 ON LEWIS HILL ON TOPO MAP.
Ecological:	GROWING ON CIBO CLAY AND CIBO ROCK OUTCROP COMPLEX SOILS IN ABANDONED WHEAT FIELD. ASSOCIATES INCLUDE HORDEUM LEPORINUM, ACHYRACHAENA MOLLIS, AVENA BARBATA, BROMUS MOLLIS, SENECIO, MEDICAGO, STELLARIA, AMSINCKIA, AND ERODIUM CICUTARIUM.
General:	300 PLANTS SEEN IN 1988. NO PLANTS SEEN IN 1990, BUT SURVEY MAY HAVE BEEN TOO LATE. SITE MAY BENEFIT IF LEFT UNDER CURRENT GRAZING REGIME RATHER THAN REVERTING BACK TO CULTIVATED AGRICULTURE. SITE NOT ACCESSIBLE IN 2010.
Owner/Manager:	PVT

Occurrence No.	32	**Map Index:**	22198	**EO Index:**	7992	**Element Last Seen:**	1990-04-12
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	1990-04-12
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-04

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.11612 / -118.99378	**Accuracy:**	specific area
UTM:	Zone-11 N3998668 E320557	**Elevation (ft):**	900
PLSS:	T21S, R28E, Sec. 07, SW (M)	**Acres:**	51.1

Location:	WEST OF FRAZIER VALLEY, 3.5 KM (2 MI) WNW OF ROAD 276/AVE 176 JUNCTION.
Detailed Location:	1.5-2.1 MILES NORTH OF ROCKY HILL.
Ecological:	GROWING ON PORTERVILLE COBBLY CLAY AND CIBO CLAY SOILS. DOMINANTS IN NON-NATIVE GRASSLAND INCLUDE HORDEUM LEPORINUM, VULPIA MYUROS, AVENA BARBATA, AGOSERIS HETEROPHYLLA, ERODIUM MOSCHATUM, BROMUS MOLLIS, AND B. RUBENS.
General:	140 PLANTS SEEN IN 1988, 150 SEEN IN 1990. SITE WAS NOT ACCESSIBLE IN 2010 BUT HABITAT APPEARED UNMODIFIED AND SUITABLE (VIEWED FROM A DISTANCE).
Owner/Manager:	PVT

Occurrence No.	33	**Map Index:**	22197	**EO Index:**	7989	**Element Last Seen:**	2010-04-01
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-04-01
Occ. Type:	Natural/Native occurrence			**Trend:**	Decreasing	**Record Last Updated:**	2011-05-12

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.11099 / -118.97029	**Accuracy:**	specific area
UTM:	Zone-11 N3998056 E322660	**Elevation (ft):**	800
PLSS:	T21S, R28E, Sec. 08, S (M)	**Acres:**	348.0

Location: WEST OF FRAZIER VALLEY, APPROXIMATELY 0.5 TO 1.5 MILES WEST OF ROAD 276 / AVE 176 JUNCTION, NORTH OF ROCKY HILL.

Detailed Location: MAPPED BY CNDDB AS 3 POLYGONS TO ENCOMPASS MAP DATA FROM A 1988 HANSEN MAP AND 2010 VOLLMAR DIGITAL DATA.

Ecological: GROWING ON PORTERVILLE COBBLY CLAY AND CIBO CLAY SOILS. DOMINANTS IN NON-NATIVE GRASSLAND INCLUDE HORDEUM LEPORINUM, VULPIA MYUROS, AVENA BARBATA, AGOSERIS HETEROPHYLLA, ERODIUM MOSCHATUM, BROMUS MOLLIS, AND B. RUBENS.

General: 5000+ PLANTS SEEN IN 1988, 500 PLANTS SEEN IN 1990. APPROXIMATELY 200 PLANTS SEEN IN 2010.

Owner/Manager: PVT

Occurrence No.	34	**Map Index:**	22196	**EO Index:**	7991	**Element Last Seen:**	1988-04-09
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	1988-04-09
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-09

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.10894 / -118.99899	**Accuracy:**	80 meters
UTM:	Zone-11 N3997881 E320072	**Elevation (ft):**	900
PLSS:	T21S, R28E, Sec. 18, NW (M)	**Acres:**	0.0

Location: WEST OF FRAZIER VALLEY, APPROXIMATELY 2.5 MILES WEST OF ROAD 276/AVE 176 JUNCTION, NORTH OF ROCKY HILL.

Detailed Location: LOCATED IN EXTREME NW CORNER OF SECTION 18.

Ecological: GROWING ON PORTERVILLE CLAY/CIBO CLAY/CIBO ROCK OUTCROP COMPLEX SOILS. ASSOCIATES INCLUDE HORDEUM LEPORINUM, AVENA BARBATA, BRODIAEA LUTEA, LOMATIUM, RANUNCULUS, SENECIO, AMSINCKIA, BROMUS MOLLIS, VULPIA, MEDICAGO, AND BRASSICA NIGRA.

General: 2 PLANTS SEEN IN 1988. SITE WAS NOT ACCESSIBLE IN 2010.

Owner/Manager: PVT

Occurrence No.	35	**Map Index:**	22195	**EO Index:**	7988	**Element Last Seen:**	1990-03-22
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	1990-03-22
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-04

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.08287 / -118.98393	**Accuracy:**	80 meters
UTM:	Zone-11 N3994962 E321369	**Elevation (ft):**	660
PLSS:	T21S, R28E, Sec. 19, SE (M)	**Acres:**	0.0

Location: WEST OF ROCKY HILL, APPROXIMATELY 1.2 MILES NORTH OF CLATTE DRIVE/HOLCOMB ROAD JUNCTION IN PORTERVILLE.

Detailed Location: WITHIN THE SE 1/4 OF THE SE 1/4 OF SECTION 19, 0.6 KM (0.4 MI) EAST OF LINDA LANE.

Ecological: ON CIBO CLAY SOILS GROWING IN HEAVILY GRAZED NON-NATIVE GRASSLAND. ASSOCIATES INCLUDE BRASSICA NIGRA, STELLARIA MEDIA, MEDICAGO POLYMORPHA, VULPIA MYUROS, AND AMSINCKIA INTERMEDIA.

General: 3 PLANTS SEEN IN 1988, 12 SEEN IN 1990. STEBBINS INDICATES THAT DUE TO SMALL POPULATION SIZE, THIS SITE MAY BE MARGINAL IN VIABILITY. SITE WAS NOT ACCESSIBLE IN 2010 BUT HABITAT APPEARED SUITABLE FROM THE ROAD IN 2010.

Owner/Manager: PVT

Occurrence No.	38	**Map Index:**	37155	**EO Index:**	32152	**Element Last Seen:**	1992-04-12
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1992-04-12
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-04

Quad Summary: Fountain Springs (3511888)

County Summary: Tulare

Lat/Long:	35.92900 / -118.93495	**Accuracy:**	80 meters
UTM:	Zone-11 N3977803 E325440	**Elevation (ft):**	840
PLSS:	T23S, R28E, Sec. 15, NE (M)	**Acres:**	0.0

Location: ON EAST SIDE OF OLD STATE RD, 2.8 MILES NORTH OF FOUNTAIN SPRINGS INTERSECTION.

Detailed Location:

Ecological: ASSOCIATED WITH HORDEUM SP. AND MILK THISTLE IN CLAY SOILS.

General: AT LEAST 500 PLANTS SEEN BY HATHORN AND NORDBERG IN 1992. SITE WAS NOT ACCESSIBLE IN 2010.

Owner/Manager: PVT

Occurrence No.	39	**Map Index:**	37157	**EO Index:**	32154	**Element Last Seen:**	1992-04-12
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1992-04-12
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-04

Quad Summary: Richgrove (3511971)

County Summary: Tulare

Lat/Long:	35.86082 / -119.00286	**Accuracy:**	80 meters
UTM:	Zone-11 N3970363 E319158	**Elevation (ft):**	600
PLSS:	T24S, R27E, Sec. 12, NE (M)	**Acres:**	0.0

Location: 2.1 MILES SOUTH OF AVE 56 ON ROAD 256.

Detailed Location: WEST SIDE OF ROAD.

Ecological: DRY, GENTLE ROLLING HILLS IN CLAY SOILS. WITH HORDEUM, LEPIDIUM, SENECIO, CAPSELLA BURSA-PASTORIS.

General: UNKNOWN HOW MANY PLANTS SEEN BY HATHORN AND NORDBERG IN 1992. SITE WAS NOT ACCESSIBLE IN 2010.

Owner/Manager: PVT

Occurrence No.	41	**Map Index:**	37159	**EO Index:**	32156	**Element Last Seen:**	1992-04-11
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	1992-04-11
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-04

Quad Summary:	Quincy School (3511878)
County Summary:	Tulare

Lat/Long:	35.86666 / -118.96360	**Accuracy:**	80 meters
UTM:	Zone-11 N3970939 E322716	**Elevation (ft):**	700
PLSS:	T24S, R28E, Sec. 04, SW (M)	**Acres:**	0.0

Location:	2.7 MILES NNW OF QUINCY SCHOOL (SITE), 1.8 MILES SOUTH OF JUNCTION OF AVE 56 AND RD 272.
Detailed Location:	ON EAST SIDE OF RD 272.
Ecological:	IN ROADCUT WITH BRASSICA, AVENA, ERODIUM, SENECIO, AND PHACELIA. CLAY SOILS; DRY, ROLLING HILLS.
General:	UNKNOWN HOW MANY PLANTS SEEN BY NORDBERG AND HATHORN IN 1992. SITE WAS NOT VISITED IN 2010 BUT VOLLMAR CONSULTING MENTIONS THAT "HABITAT CONDITIONS ARE POOR."
Owner/Manager:	UNKNOWN

Occurrence No.	45	**Map Index:**	74595	**EO Index:**	75595	**Element Last Seen:**	2006-04-21
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	2006-04-21
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-04

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.08555 / -118.91814	**Accuracy:**	specific area
UTM:	Zone-11 N3995141 E327299	**Elevation (ft):**	682
PLSS:	T21S, R28E, Sec. 23, SE (M)	**Acres:**	0.0

Location:	SOUTHERN PORTION OF BOAT ISLAND, LAKE SUCCESS.
Detailed Location:	MAPPED IN THE NW 1/4 OF THE SE 1/4 OF SECTION 23. "BOAT ISLAND" IS NOT LABELED ON USGS TOPO MAP.
Ecological:	IN TALL AVENA FATUA ANNUAL GRASSLAND, UNGRAZED, WITH SPARSE VEGETATIVE COVER AT GROUND LEVEL. GENTLY SLOPING, S-FACING ALLUVIAL FAN. THE RARE CLARKIA SPRINGVILLENSIS OCCURS UPSLOPE AT BASE OF RHYOLITIC ROCK OUTCROPS.
General:	APPROXIMATELY 45 PLANTS OBSERVED IN 2006. SITE NOT VISITED IN 2010.
Owner/Manager:	DOD-COE

Occurrence No.	46	**Map Index:**	74597	**EO Index:**	75602	**Element Last Seen:**	2006-04-17
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Decreasing	**Record Last Updated:**	2011-05-16

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.06507 / -118.92548	**Accuracy:**	specific area
UTM:	Zone-11 N3992881 E326593	**Elevation (ft):**	720
PLSS:	T21S, R28E, Sec. 35, NW (M)	**Acres:**	1.0

Location: ROCKY HILL RECREATION AREA, ON NORTH SIDE OF WORTH ROAD, NW SIDE OF DAM AT LAKE SUCCESS.

Detailed Location: MAPPED IN THE NW 1/4 OF THE NW 1/4 OF SECTION 35, APPROX. 300 FEET UPSLOPE FROM ROAD.

Ecological: SE-FACING SLOPE IN HEAVY CLAY. SOIL IS LAS POSAS-ROCK OUTCROP COMPLEX. ASSOCIATES INCLUDE ASCLEPIAS SPECIOSA, BROMUS MADRITENSIS RUBENS, LEONTODON TARAXACOIDES, PLAGIOBOTHRYS NOTHOFULVUS, AND THE RARE CONVOLVULUS SIMULANS.

General: APPROXIMATELY 120 PLANTS OBSERVED IN 2006. NO PLANTS WERE OBSERVED IN 2010; SITE HAS BEEN HEAVILY MODIFIED AND IS ADJACENT TO LAKE SUCCESS.

Owner/Manager: DOD-COE

Occurrence No.	48	**Map Index:**	82518	**EO Index:**	83481	**Element Last Seen:**	2010-03-03
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-03-03
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-10

Quad Summary: Quincy School (3511878)

County Summary: Tulare

Lat/Long:	35.83708 / -118.91854	**Accuracy:**	specific area
UTM:	Zone-11 N3967578 E326720	**Elevation (ft):**	950
PLSS:	T24S, R28E, Sec. 14, SE (M)	**Acres:**	2.0

Location: APPROXIMATELY 0.5 MILE SW OF FLYNN RANCH, SOUTH OF FOUNTAIN SPRINGS.

Detailed Location: WEST SIDE OF TRANSMISSION LINE. LOCATED WITHIN SOUTHERN CALIFORNIA EDISON POWERLINE RIGHT OF WAY.

Ecological: HEAVILY GRAZED CLAY SOILS. DOMINANT AND ASSOCIATE SPECIES INCLUDE LUPINE (LUPINUS SUCCULENTUS), RED BROME (BROMUS RUBENS), WILD OATS (AVENA), FILAREE (ERODIUM), AND FESCUE (VULPIA).

General: APPROXIMATELY 100 PLANTS OBSERVED IN 2010.

Owner/Manager: PVT-SCE

Occurrence No.	49	**Map Index:**	82519	**EO Index:**	83482	**Element Last Seen:**	2010-03-03
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-03-03
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-09

Quad Summary:	Quincy School (3511878)
County Summary:	Tulare

Lat/Long:	35.85681 / -118.91816	**Accuracy:**	specific area
UTM:	Zone-11 N3969766 E326797	**Elevation (ft):**	800
PLSS:	T24S, R28E, Sec. 11, NE (M)	**Acres:**	4.0

Location:	APPROXIMATELY 1.1 ROAD MILES NNW OF FLYNN RANCH, SOUTH OF FOUNTAIN SPRINGS.
Detailed Location:	BETWEEN LOS ANGELES STAGE ROAD AND TRANSMISSION LINES. LOCATED WITHIN SOUTHERN CALIFORNIA EDISON POWERLINE RIGHT OF WAY.
Ecological:	GRAZED CLAY SOILS. DOMINANT AND ASSOCIATE SPECIES INCLUDE WILD OATS (AVENA), FILAREE (ERODIUM), AND FESCUE (VULPIA).
General:	APPROXIMATELY 400 PLANTS OBSERVED IN 2010.
Owner/Manager:	PVT-SCE

Occurrence No.	50	**Map Index:**	82520	**EO Index:**	83484	**Element Last Seen:**	2010-03-03
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	2010-03-03
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2011-05-10

Quad Summary:	Quincy School (3511878)
County Summary:	Tulare

Lat/Long:	35.87213 / -118.91708	**Accuracy:**	specific area
UTM:	Zone-11 N3971463 E326929	**Elevation (ft):**	850
PLSS:	T24S, R28E, Sec. 02, E (M)	**Acres:**	5.0

Location:	APPROXIMATELY 1.3 TO 1.4 MILES SOUTH OF FOUNTAIN SPRINGS ALONG TRANSMISSION LINE.
Detailed Location:	LOCATED WITHIN SOUTHERN CALIFORNIA EDISON POWERLINE RIGHT OF WAY.
Ecological:	HEAVILY TO MODERATELY GRAZED CLAY SOILS. DOMINANT AND ASSOCIATE SPECIES INCLUDE BLUE DICKS (DICHELOSTEMMA), LUPINE (LUPINUS BICOLOR), WILD OATS (AVENA), FILAREE (ERODIUM), AND FESCUE (VULPIA).
General:	IN 2010, NORTH POLYGON HAD APPROXIMATELY 600 PLANTS AND SOUTH POLYGON HAD APPROXIMATELY 200 PLANTS.
Owner/Manager:	PVT-SCE

Occurrence No.	54	**Map Index:**	57102	**EO Index:**	105773	**Element Last Seen:**	1938-04-01
Occ. Rank:	None			**Presence:**	Possibly Extirpated	**Site Last Seen:**	1938-04-01
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-04-06

Quad Summary:	Ducor (3511981)
County Summary:	Tulare

Lat/Long:	35.89135 / -119.04754	**Accuracy:**	1 mile
UTM:	Zone-11 N3973834 E315194	**Elevation (ft):**	
PLSS:	T23S, R27E, Sec. 34 (M)	**Acres:**	0.0

Location:	DUCOR.
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB AROUND DUCOR.
Ecological:	
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1938 RAMSEY COLLECTION. SITE LIKELY EXTIRPATED; AREA AROUND DUCOR HAS BEEN CONVERTED TO INTENSIVE AGRICULTURE.
Owner/Manager:	UNKNOWN

Senecio aphanactis **Element Code:** PDAST8H060

chaparral ragwort

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G3
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 2B.2, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_CRES-San Diego Zoo CRES Native Gene Seed Bank			
Habitat:	**General:**	CHAPARRAL, CISMONTANE WOODLAND, COASTAL SCRUB.			
	Micro:	DRYING ALKALINE FLATS. 20-1020 M.			

Occurrence No.	67	**Map Index:** A5970	**EO Index:** 107724	**Element Last Seen:**	1982-03-20
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1982-03-20
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2017-08-17

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.06709 / -118.89678	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3993055 E329183	**Elevation (ft):**	1200
PLSS:	T21S, R28E, Sec. 25, SE (M)	**Acres:**	70.0

Location: MINE HILL SOUTHEAST OF CA HIGHWAY 190 ABOVE LAKE SUCCESS AND SOUTH OF SOUTH FORK TULE RIVER.

Detailed Location: MAPPED AS BEST GUESS BY CNDDB AROUND PORTION OF MINE HILL THAT IS WITHIN GIVEN SECTION 25 AND AROUND GIVEN ELEVATION OF 1200 FT.

Ecological: ON CLAY-LIKE SOILS ON STEEP NORTH-FACING SLOPE IN A BLUE OAK WOODLAND.

General: SITE IS BASED ON A 1982 SHEVOCK COLLECTION, ANNOTATED AS SENECIO APHANACTIS BY TROCK IN 2012. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Monolopia congdonii

Element Code: PDASTA8010

San Joaquin woollythreads

Listing Status:	**Federal:**	Endangered	**CNDDB Element Ranks:**	**Global:**	G2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.2, SB_UCBG-UC Botanical Garden at Berkeley			
Habitat:	**General:**	CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND.			
	Micro:	ALKALINE OR LOAMY PLAINS; SANDY SOILS, OFTEN WITH GRASSES AND WITHIN CHENOPOD SCRUB. 55-840 M.			

Occurrence No.	111	**Map Index:**	99233	**EO Index:**	100761	**Element Last Seen:**	1881-03-XX
Occ. Rank:	None			**Presence:**	Possibly Extirpated	**Site Last Seen:**	1881-03-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2019-08-15

Quad Summary: Posey (3511876), Johnsondale (3511885), California Hot Springs (3511886), Gibbon Peak (3511887), Fountain Springs (3511888), Ducor (3511981), Sausalito School (3511982), Pixley (3511983), Alpaugh (3511984), Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.00692 / -118.95842	**Accuracy:**	non-specific area
UTM:	Zone-11 N3986490 E323497	**Elevation (ft):**	
PLSS:	T22S, R28E, Sec. 21 (M)	**Acres:**	4128.0

Location: DEER CREEK, TULARE COUNTY.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS A BEST GUESS ALONG THE ENTIRE LENGTH OF DEER CREEK.

Ecological:

General: TYPE LOCALITY. SITE BASED ON AN 1881 CONGDON COLLECTION. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Caulanthus californicus

Element Code: PDBRA31010

California jewelflower

Listing Status:	**Federal:**	Endangered	**CNDDB Element Ranks:**	**Global:**	G1
	State:	Endangered		**State:**	S1
	Other:	Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_SBBG-Santa Barbara Botanic Garden, SB_UCBG-UC Botanical Garden at Berkeley			
Habitat:	**General:**	CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, PINYON AND JUNIPER WOODLAND.			
	Micro:	SANDY SOILS. 65-1860 M.			

Occurrence No.	3	**Map Index:**	15658	**EO Index:**	20311	**Element Last Seen:**	1981-03-24
Occ. Rank:	None			**Presence:**	Possibly Extirpated	**Site Last Seen:**	1986-XX-XX
Occ. Type:	Introduced Back into Native Hab./Range			**Trend:**	Unknown	**Record Last Updated:**	2016-04-20

Quad Summary:	Sausalito School (3511982)
County Summary:	Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	325
PLSS:	T22S, R26E, Sec. 30, W (M)	**Acres:**	0.0

Location:	PIXLEY VERNAL POOL PRESERVE, 4.5 MILES NE OF PIXLEY.
Detailed Location:	
Ecological:	ANNUAL GRASSLAND ON SANDY SOILS AND VERNAL POOL HABITATS.
General:	SITE IS BASED ON AN UNDATED EISEN COLLECTION AND ZANINOVICH COLLECTIONS FROM 1971 AND 1981. AREA SEARCHED IN 1986; HABITAT MODIFIED. THIS POPULATION RESULTED FROM THE INTRODUCTION OF SEED. FORMER TNC PRESERVE; TRANSFERRED TO CNLM IN 1997.
Owner/Manager:	CNLM-PIXLEY PRESERVE

Occurrence No.	14	**Map Index:**	15619	**EO Index:**	6169	**Element Last Seen:**	1936-04-11
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	1986-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1991-07-10

Quad Summary:	Delano East (3511972), Delano West (3511973)
County Summary:	Kern

Lat/Long:	35.76716 / -119.24622	**Accuracy:**	1 mile
UTM:	Zone-11 N3960450 E296943	**Elevation (ft):**	315
PLSS:	T25S, R25E, Sec. 11, SE (M)	**Acres:**	0.0

Location:	DELANO.
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED IN THE GENERAL VICINITY OF DELANO.
Ecological:	
General:	SITE IS BASED ON SEVERAL HISTORIC COLLECTIONS FROM 1888, 1920, 1932, AND 1936. AREA SEARCHED IN 1986; HABITAT ELIMINATED.
Owner/Manager:	UNKNOWN

Occurrence No.	42	**Map Index:**	15780	**EO Index:**	20289	**Element Last Seen:**	1958-XX-XX
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	1986-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2016-04-18

Quad Summary:	Richgrove (3511971)
County Summary:	Tulare

Lat/Long:	35.86045 / -119.10679	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3970520 E309772	**Elevation (ft):**	460
PLSS:	T24S, R27E, Sec. 07, NW (M)	**Acres:**	0.0

Location:	JUST NORTH OF WHITE RIVER AND JUST EAST OF COUNTY RD 208 (ROCKFORD ROAD).
Detailed Location:	ADJACENT TO AND 100 YDS NORTH OF THE WHITE RIVER.
Ecological:	VALLEY GRASSLAND.
General:	100 PLANTS SEEN IN ABOUT 1958 BY JACK ZANINOVICH. NO HABITAT LEFT IN 1986; ALL AGRICULTURAL LANDS. SEEDS COLLECTED BY ZANINOVICH AND SOWN INTO THE NATURE CONSERVANCY'S PAINE PRESERVE. SEE EO #31. TAYLOR'S SITE #40.
Owner/Manager:	PVT

Occurrence No.	80	**Map Index:**	99721	**EO Index:**	101267	**Element Last Seen:**	1978-04-13
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	1978-04-13
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2016-04-26

Quad Summary:	Richgrove (3511971), Delano East (3511972)
County Summary:	Tulare

Lat/Long:	35.82814 / -119.13181	**Accuracy:**	3/5 mile
UTM:	Zone-11 N3966984 E307435	**Elevation (ft):**	
PLSS:	T24S, R26E, Sec. 23 (M)	**Acres:**	776.0

Location:	MARLIN BROTHERS RANCH, 0.25 MILE SOUTH OF AVENUE 24, EAST OF ROAD 192.
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS IN VICINITY JUST SOUTH OF AVENUE 24 AND JUST EAST OF ROAD 192.
Ecological:	2 ACRE WILDFLOWER PARCEL REVERTED BACK FROM WHEAT FIELD.
General:	SITE IS BASED ON A 1978 ZANINOVICH COLLECTION; SITE IS DESCRIBED AS BEING REVERTED BACK FROM A WHEAT FIELD, WHICH POSSIBLY MEANS THAT CAULANTHUS WAS PLANTED HERE. SITE PRESUMED EXTRIPATED, ENTIRE REGION HAS BEEN CONVERTED TO AGRICULTURE.
Owner/Manager:	PVT

Atriplex depressa

Element Code: PDCHE042L0

brittlescale

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.2			
Habitat:	**General:**	CHENOPOD SCRUB, MEADOWS AND SEEPS, PLAYAS, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.			
	Micro:	USUALLY IN ALKALI SCALDS OR ALK. CLAY IN MEADOWS OR ANNUAL GRASSLND; RARELY ASSOCIATED WITH RIPARIAN, MARSHES, OR VERNAL POOLS. 1-325 M.			

Occurrence No.	81	**Map Index:**	15658	**EO Index:**	90592	**Element Last Seen:**	1965-04-19
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1965-04-19
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2013-06-28

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	320
PLSS:	T22S, R26E, Sec. 30, W (M)	**Acres:**	0.0

Location: PIXLEY NATURAL AREA, ABOUT 5 MILES NORTHEAST OF PIXLEY.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED BY CNDDB IN VICINITY OF PIXLEY VERNAL POOL PRESERVE.

Ecological: VERNAL POOLS.

General: ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1965 COLLECTION BY MCCLINTOCK. NEEDS FIELDWORK.

Owner/Manager: CNLM-PIXLEY PRESERVE

Atriplex persistens

Element Code: PDCHE042P0

vernal pool smallscale

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.2			
Habitat:	**General:**	VERNAL POOLS.			
	Micro:	ALKALINE VERNAL POOLS. 3-115 M.			

Occurrence No.	1	**Map Index:**	15658	**EO Index:**	31768	**Element Last Seen:**	1985-09-30
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1985-09-30
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2013-06-03

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	370
PLSS:	T22S, R26E, Sec. 30, SW (M)	**Acres:**	0.0

Location: PIXLEY VERNAL POOLS, APPROXIMATELY 4.5 AIR MILES ENE OF PIXLEY.

Detailed Location: MAPPED AT THE TNC PIXLEY VERNAL POOL PRESERVE WITHIN THE NW 1/4 OF THE SW 1/4 OF SECTION 30.

Ecological: BOTTOM OF DRY VERNAL POOL.

General: OCCURRENCE IS BASED ON A 1963 MCCLINTOCK COLLECTION, SEVERAL HOWELL COLLECTIONS FROM 1967, AND SEVERAL ZANINOVICH COLLECTIONS FROM 1963 THROUGH 1985.

Owner/Manager: CNLM-PIXLEY PRESERVE

Atriplex subtilis **Element Code:** PDCHE042T0

subtle orache

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1
	State:	None		**State:**	S1
	Other:	Rare Plant Rank - 1B.2			
Habitat:	**General:**	VALLEY AND FOOTHILL GRASSLAND.			
	Micro:	ALKALINE SOILS. 20-100 M.			

Occurrence No.	15	**Map Index:** 39014	**EO Index:** 34021	**Element Last Seen:**	1975-07-11
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1975-07-11
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2013-06-28

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.91193 / -119.22960	**Accuracy:**	1 mile
UTM:	Zone-11 N3976478 E298811	**Elevation (ft):**	325
PLSS:	T23S, R25E, Sec. 24 (M)	**Acres:**	0.0

Location: 3 MILES NORTHEAST OF EARLIMART.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB AROUND 3 AIR MILES NORTHEAST OF EARLIMART.

Ecological: ALKALINE FLATS.

General: ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1975 ZANINOVICH COLLECTION. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Occurrence No.	16	**Map Index:** 15658	**EO Index:** 34022	**Element Last Seen:**	1971-08-08
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1971-08-08
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2013-06-28

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	325
PLSS:	T22S, R26E, Sec. 30, SW (M)	**Acres:**	0.0

Location: PIXLEY PRESERVE, APPROXIMATELY 4.5 MILES ENE OF PIXLEY.

Detailed Location: MAPPED BY CNDDB IN VICINITY OF PIXLEY PRESERVE.

Ecological: VERNAL POOL NATURAL AREA IN VALLEY GRASSLAND. ON WHITE ALKALINE SOIL.

General: OCCURRENCE IS BASED ON SEVERAL COLLECTIONS FROM 1963, 1967, 1968, AND 1971. NEEDS FIELDWORK. FORMER TNC PRESERVE WHICH WAS TRANSFERRED TO CENTER FOR NATURAL LANDS MANAGEMENT IN 1997. INCLUDES FORMER OCCURRENCE #14.

Owner/Manager: CNLM-PIXLEY PRESERVE

Atriplex cordulata var. erecticaulis **Element Code:** PDCHE042V0

Earlimart orache

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G3T1
	State:	None		**State:**	S1
	Other:	Rare Plant Rank - 1B.2			
Habitat:	**General:**	VALLEY AND FOOTHILL GRASSLAND.			
	Micro:	60-115 M.			

Occurrence No.	4	**Map Index:** B5713	**EO Index:** 47209	**Element Last Seen:**	1989-06-01
Occ. Rank:	None		**Presence:** Possibly Extirpated	**Site Last Seen:**	2019-11-08
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2020-06-19

Quad Summary: McFarland (3511962), Pond (3511963), Delano East (3511972), Delano West (3511973)

County Summary: Kern

Lat/Long:	35.74667 / -119.26065	**Accuracy:**	3/5 mile
UTM:	Zone-11 N3958208 E295586	**Elevation (ft):**	300
PLSS:	T25S, R25E, Sec. 22 (M)	**Acres:**	776.0

Location: LANDFILL SITE NEAR TOWN, DELANO.

Detailed Location: MAPPED IN THE VICINITY OF THE OLD DELANO LANDFILL SITE WHICH IS NOW A TRANSFER STATION.

Ecological:

General: SITE BASED ON A 1989 MITCHELL COLLECTION. NO PLANTS OBSERVED IN 2019; THERE IS STILL SOME POTENTIAL HABITAT HERE BUT IT IS PROBABLY OF POOR QUALITY.

Owner/Manager: UNKNOWN

Occurrence No.	7	**Map Index:** 15658	**EO Index:** 47212	**Element Last Seen:**	1989-09-25
Occ. Rank:	Unknown		**Presence:** Presumed Extant	**Site Last Seen:**	1989-09-25
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2013-08-07

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	275
PLSS:	T22S, R26E, Sec. 30, W (M)	**Acres:**	0.0

Location: PIXLEY VERNAL POOL PRESERVE, 4.5 MILES NORTHEAST OF PIXLEY, 0.3 MILE NORTH OF AVENUE 104 ON ROAD 160.

Detailed Location: PLANTS FOUND THROUGHOUT THE PRESEVE. MAPPED BY CNDDB TO ENCOMPASS THE PRESERVE.

Ecological: IN BROMUS MOLLIS DOMINATED GRASSLAND WITH MIMA MOUNDS AND VERNAL POOLS ON SEMI-ALKALINE SANDY SOIL.

General: BASED ON SEVERAL COLLECTIONS FROM 1963, 1967, 1968, 1971, 1980, AND 1989. NEEDS POPULATION INFORMATION. INCLUDES FORMER OCCURRENCE #12.

Owner/Manager: CNLM-PIXLEY PRESERVE

Atriplex coronata var. vallicola **Element Code:** PDCHE04371

Lost Hills crownscale

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G4T3
	State:	None		**State:**	S3
	Other:	Rare Plant Rank - 1B.2, BLM_S-Sensitive			
Habitat:	**General:**	CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.			
	Micro:	IN POWDERY, ALKALINE SOILS THAT ARE VERNALLY MOIST WITH FRANKENIA, ATRIPLEX SPP. AND DISTICHLIS. 45-885 M.			

Occurrence No.	85 **Map Index:** 15658	**EO Index:**	90663	**Element Last Seen:**	1965-05-09
Occ. Rank:	Unknown	**Presence:**	Presumed Extant	**Site Last Seen:**	1965-05-09
Occ. Type:	Natural/Native occurrence	**Trend:**	Unknown	**Record Last Updated:**	2013-07-11

Quad Summary:	Sausalito School (3511982)
County Summary:	Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	275
PLSS:	T22S, R26E, Sec. 30, W (M)	**Acres:**	0.0

Location:	VERNAL POOL NATURAL AREA IN VALLEY GRASSLAND, ABOUT 4.5 MILES ENE OF PIXLEY.
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB IN VICINITY OF PIXLEY PRESERVE.
Ecological:	VERNAL POOL.
General:	ONLY SOURCE OF INFORMATION FOR THIS OCCURRENCE IS A 1965 COLLECTION BY HOWELL. NEEDS FIELDWORK.
Owner/Manager:	CNLM-PIXLEY PRESERVE

Sidalcea keckii

Element Code: PDMAL110D0

Keck's checkerbloom

Listing Status:	**Federal:**	Endangered	**CNDDB Element Ranks:**	**Global:**	G2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden			
Habitat:	**General:**	CISMONTANE WOODLAND, VALLEY AND FOOTHILL GRASSLAND.			
	Micro:	GRASSY SLOPES IN BLUE OAK WOODLAND. ON SERPENTINE-DERIVED, CLAY SOILS, AT LEAST SOMETIMES. 85-505 M.			

Occurrence No.	5	**Map Index:**	21637	**EO Index:**	17766	**Element Last Seen:**	1992-04-15
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	2002-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2019-08-12

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.03383 / -118.92572	**Accuracy:**	80 meters
UTM:	Zone-11 N3989416 E326503	**Elevation (ft):**	750
PLSS:	T22S, R28E, Sec. 11, NW (M)	**Acres:**	0.0

Location: APPROXIMATELY 1.5 AIR MILES SOUTH OF HIGHWAY 190, 2 MILES SW OF SUCCESS DAM.

Detailed Location: 0.2 MILE WEST OF SCE POWERLINES. NEAR MINE HILL, ON LOWER LATERAL SLOPES (EAST OF PORTERVILLE).

Ecological: SW-FACING SLOPE WITH SPARSE COMPETITIVE ANNUAL GRASSES. IN CENTERVILLE CLAY SOILS. ASSOCIATED WITH BROMUS RUBENS, LEPIDIUM NITIDUM, PLANTAGO HOOKERIANA, SENECIO VULGARIS, AND SILENE GALLICA.

General: 60 PLANTS SEEN IN 1992. THIS SPECIES WAS CONSIDERED POSSIBLY EXTINCT; FIRST TIME SEEN IN 53 YEARS IN 1992. EXTIRPATED IN OR BEFORE 2002 BY ORANGE GROVES ACCORDING TO STEBBINS.

Owner/Manager: PVT

Occurrence No.	20	**Map Index:**	B3670	**EO Index:**	116583	**Element Last Seen:**	1954-05-08
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1954-05-08
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2019-08-12

Quad Summary: Globe (3611817), Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.09988 / -118.87017	**Accuracy:**	1 mile
UTM:	Zone-11 N3996646 E331649	**Elevation (ft):**	800
PLSS:	T21S, R29E, Sec. 17 (M)	**Acres:**	1987.0

Location: TULE RIVER VALLEY, 4.5 MILES BELOW SPRINGVILLE.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB CENTERED AROUND 4.5 ROAD MILES SOUTHWEST OF SPRINGVILLE ALONG HIGHWAY 190, WHERE THE HIGHWAY CROSSES THE TULE RIVER VALLEY. GIVEN ELEVATION IS 800 FEET.

Ecological: GRASSY FLAT.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1954 HOWELL & BARNEBY COLLECTION. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Clarkia springvillensis

Element Code: PDONA05120

Springville clarkia

Listing Status:	**Federal:**	Threatened	**CNDDB Element Ranks:**	**Global:**	G2
	State:	Endangered		**State:**	S2
	Other:	Rare Plant Rank - 1B.2, SB_UCSC-UC Santa Cruz			
Habitat:	**General:**	CHAPARRAL, CISMONTANE WOODLAND, VALLEY AND FOOTHILL GRASSLAND.			

Micro: CUTBANKS AND OPENINGS IN BLUE OAK WOODLAND. DECOMPOSED GRANITE LOAM. 210-2255 M.

Occurrence No.	19	**Map Index:**	55935	**EO Index:**	55951	**Element Last Seen:**	2002-04-16
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	2002-04-16
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2017-11-09

Quad Summary: Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.10634 / -119.00562	**Accuracy:**	80 meters
UTM:	Zone-11 N3997606 E319469	**Elevation (ft):**	800
PLSS:	T21S, R27E, Sec. 13, NE (M)	**Acres:**	0.0

Location: NE OF PORTERVILLE, WEST SIDE OF PLANO STREET, BELOW LEWIS HILL PRESERVE. APPROX 0.25 MI E OF LEWIS HILL.

Detailed Location: BETWEEN ROAD SHOULDER AND FENCE, OUTSIDE OF FENCE OF PRESERVE.

Ecological: ALIEN GRASSES ARE ASSOCIATES. ON STEEP W-FACING SLOPE.

General: ABOUT 5 PLANTS SEEN BY STEWART IN 2002.

Owner/Manager: USFS-SEQUOIA NF

Occurrence No.	29	**Map Index:**	A7894	**EO Index:**	109680	**Element Last Seen:**	2016-03-29
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	2016-03-29
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2018-01-05

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.06347 / -118.92498	**Accuracy:**	specific area
UTM:	Zone-11 N3992703 E326635	**Elevation (ft):**	700
PLSS:	T21S, R28E, Sec. 35, NW (M)	**Acres:**	4.0

Location: WEST END OF LAKE SUCCESS DAM; NEAR SPILLWAY AND ARMY CORP PARKING LOT.

Detailed Location: MAPPED ACCORDING TO 2006 BEYERL MAP AND 2016 PROVANCE COORDINATES. IN THE NW 1/4 OF THE NW 1/4 OF SECTION 35.

Ecological: GRASSY SLOPE DOMINATED BY BROMUS DIANDRUS/AVENA BARBATA. NATIVE ANNUALS COMMON INCLUDING PHACELIA CICUTARIA, CLAYTONIA, TRITELEIA LAXA, T. IXIOIDES, LESSINGIA FILAGINIFOLIA. PLANTS ONLY FOUND ON NE AND N ASPECTS.

General: APPROXIMATELY 300 PLANTS OBSERVED IN 2006 AND 200 PLANTS OBSERVED IN 2016. PLANTS COMPARED WITH POPULATION AT LEWIS HILL (EO #19). ID NEEDS VERIFICATION; CLARKIA PLANTS ON BOAT ISLAND HAVE BEEN IDENTIFIED AS C. EXILIS BY FRANK VASEK.

Owner/Manager: DOD-COE

Occurrence No.	30	**Map Index:**	A7895	**EO Index:**	109681	**Element Last Seen:**	2017-05-11
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	2017-05-11
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2018-01-02

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.09831 / -118.95334	**Accuracy:**	80 meters
UTM:	Zone-11 N3996619 E324158	**Elevation (ft):**	815
PLSS:	T21S, R28E, Sec. 16, SE (M)	**Acres:**	5.0

Location: 1/4 MILE SE OF INTERSECTION OF FRAZIER DIKE ROAD AND PRIVATE ROAD, NORTH END OF ROCKY HILL, NW END OF LAKE SUCCESS.

Detailed Location: MAPPED ACCORDING TO 2017 GORDON-BLACKWOOD COORDINATES, IN THE NW 1/4 OF THE SE 1/4 OF SECTION 16.

Ecological: OAK WOODLAND FOOHILL. AMONG ROCKS AND CLARKIA CYLINDRICA.

General: 25 PLANTS OBSERVED IN 2017. ID NEEDS VERIFICATION; NEARBY CLARKIA PLANTS ON BOAT ISLAND AT LAKE SUCCESS HAVE BEEN IDENTIFIED AS C. EXILIS BY FRANK VASEK.

Owner/Manager: UNKNOWN

Leptosiphon serrulatus

Element Code: PDPLM09130

Madera leptosiphon

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G3
	State:	None		**State:**	S3
	Other:	Rare Plant Rank - 1B.2, BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden, USFS_S-Sensitive			
Habitat:	**General:**	CISMONTANE WOODLAND, LOWER MONTANE CONIFEROUS FOREST.			
	Micro:	DRY SLOPES; OFTEN ON DECOMPOSED GRANITE IN WOODLAND. 80-1645 M.			

Occurrence No.	18	**Map Index:**	30797	**EO Index:**	13155	**Element Last Seen:**	1935-03-28
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1935-03-28
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1995-03-03

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.02211 / -118.95016	**Accuracy:**	1 mile
UTM:	Zone-11 N3988160 E324275	**Elevation (ft):**	1000
PLSS:	T22S, R28E (M)	**Acres:**	0.0

Location: 4 MILES SOUTHEAST OF PORTERVILLE.

Detailed Location: MAPPED AT CNDDB APPROX 1.5 MILES SOUTH OF HIGHWAY 190 AND APPROX 2 MILES W OF ROAD 298, AND 4 MILES DUE SE OF PORTERVILLE.

Ecological:

General: ONLY SOURCE OF INFORMATION IS A 1935 COLLECTION BY RICHARDSON. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Navarretia nigelliformis ssp. radians

Element Code: PDPLM0C0J2

shining navarretia

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G4T2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.2, BLM_S-Sensitive			
Habitat:	**General:**	CISMONTANE WOODLAND, VALLEY AND FOOTHILL GRASSLAND, VERNAL POOLS.			
	Micro:	APPARENTLY IN GRASSLAND, AND NOT NECESSARILY IN VERNAL POOLS. 60-975 M.			

Occurrence No.	77	**Map Index:** B0126	**EO Index:** 111985	**Element Last Seen:**	2016-06-06
Occ. Rank:	Excellent		**Presence:** Presumed Extant	**Site Last Seen:**	2016-06-06
Occ. Type:	Natural/Native occurrence		**Trend:** Unknown	**Record Last Updated:**	2018-07-25

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.07663 / -118.92837	**Accuracy:**	specific area
UTM:	Zone-11 N3994169 E326359	**Elevation (ft):**	810
PLSS:	T21S, R28E, Sec. 27, NE (M)	**Acres:**	2.0

Location: LAKE SUCCESS AREA; TRANSMISSION LINE CORRIDOR ABOUT 1 MILE NNW OF THE SPILLWAY, ABOUT 5 MILES E OF PORTERVILLE.

Detailed Location: MAPPED ACCORDING TO 2016 PROVANCE COORDINATES, ON THE SECTION LINE BETWEEN THE NE 1/4 OF SECTION 27 AND THE NW 1/4 OF SECTION 26.

Ecological: GENTLE SLOPE; ANNUAL GRASSLAND DOMINATED BY AVENA AND BROMUS HORDEACEUS, WITH HOLOCARPHA HEERMANNII. ADOBE SOILS.

General: ABOUT 2000 PLANTS SEEN IN 2016.

Owner/Manager: PVT-SCE

Delphinium recurvatum

Element Code: PDRAN0B1J0

recurved larkspur

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2?
	State:	None		**State:**	S2?
	Other:	Rare Plant Rank - 1B.2, BLM_S-Sensitive, SB_SBBG-Santa Barbara Botanic Garden			
Habitat:	**General:**	CHENOPOD SCRUB, VALLEY AND FOOTHILL GRASSLAND, CISMONTANE WOODLAND.			
	Micro:	ON ALKALINE SOILS; OFTEN IN VALLEY SALTBUSH OR VALLEY CHENOPOD SCRUB. 3-790 M.			

Occurrence No.	13	**Map Index:**	15658	**EO Index:**	29207	**Element Last Seen:**	1995-03-17
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1995-03-17
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2019-10-08

Quad Summary: Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.98523 / -119.21344	**Accuracy:**	1/5 mile
UTM:	Zone-11 N3984575 E300455	**Elevation (ft):**	320
PLSS:	T22S, R26E, Sec. 30, W (M)	**Acres:**	0.0

Location: PIXLEY VERNAL POOL PRESERVE, APPROXIMATELY 4.5 MILES ENE OF PIXLEY.

Detailed Location: ON BOTH THE EAST AND WEST SIDE OF THE PRESERVE.

Ecological: VERNAL POOL NATURAL AREA IN VALLEY GRASSLAND.

General: ONLY 6 PLANTS ON THE 40 ACRES IN 1962. ALSO OBSERVED HERE IN 1966, 1967, 1969, AND 1995. FORMERLY TNC PRESERVE; TRANSFERRED TO CNLM IN 1997.

Owner/Manager: CNLM-PIXLEY PRESERVE

Occurrence No.	14	**Map Index:**	15691	**EO Index:**	21622	**Element Last Seen:**	1965-04-XX
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	1965-04-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2016-01-21

Quad Summary: Delano East (3511972), Sausalito School (3511982)

County Summary: Tulare

Lat/Long:	35.88467 / -119.18511	**Accuracy:**	1 mile
UTM:	Zone-11 N3973362 E302759	**Elevation (ft):**	
PLSS:	T23S, R26E, Sec. 32 (M)	**Acres:**	0.0

Location: 5 MILES EAST OF EARLIMART.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS APPROXIMATELY 5 MILES EAST OF EARLIMART.

Ecological:

General: SITE BASED ON TWO 1965 ZANINOVICH COLLECTIONS. SITE PRESUMED EXTIRPATED BY AGRICULTURAL CONVERSION.

Owner/Manager: UNKNOWN

Occurrence No.	49	**Map Index:**	31603	**EO Index:**	2403	**Element Last Seen:**	1952-04-17
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1952-04-17
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1995-07-14

Quad Summary: Richgrove (3511971)

County Summary: Kern

Lat/Long:	35.77613 / -119.05326	**Accuracy:**	1 mile
UTM:	Zone-11 N3961063 E314410	**Elevation (ft):**	500
PLSS:	T25S, R27E, Sec. 03 (M)	**Acres:**	0.0

Location: ABOUT COUNTY LINE OF KERN AND TULARE COUNTIES, 19 MILES NORTHEAST OF JUNCTION WITH HIGHWAY 99 ON HIGHWAY 65.

Detailed Location: MAPPED JUST SOUTH OF COUNTY LINE ALONG HIGHWAY 65.

Ecological:

General: ONLY SOURCE OF INFORMATION IS 1952 COLLECTION BY BALLS AND LENZ. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Occurrence No.	96	**Map Index:** 82166	**EO Index:**	83129		**Element Last Seen:**	1973-03-20
Occ. Rank:	None		**Presence:**	Extirpated		**Site Last Seen:**	1973-03-20
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown		**Record Last Updated:**	2016-01-28
Quad Summary:	Sausalito School (3511982)						
County Summary:	Tulare						
Lat/Long:	35.92094 / -119.21737				**Accuracy:**	1 mile	
UTM:	Zone-11 N3977451 E299938				**Elevation (ft):**		
PLSS:	T23S, R25E, Sec. 24 (M)				**Acres:**	0.0	

Location: 4 MILES NE OF EARLIMART.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED BY CNDDB AS BEST GUESS 4 AIR MILES NE OF EARLIMART. POSSIBLY REFERRING TO THE SAME SITE AS OCCURRENCE #14 FROM "5 MILES EAST OF EARLIMART".

Ecological: VALLEY GRASSLAND, ALKALINE PLAYA ASSOCIATION.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS A 1973 ZANINOVICH COLLECTION; MENTIONED AS "COMMON" IN 1973. SITE PRESUMED EXTIRPATED BY AGRICULTURAL CONVERSION.

Owner/Manager: UNKNOWN

Diplacus pictus

Element Code: PDSCR1B240

calico monkeyflower

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G2
	State:	None		**State:**	S2
	Other:	Rare Plant Rank - 1B.2, BLM_S-Sensitive, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden			
Habitat:	**General:**	BROADLEAFED UPLAND FOREST, CISMONTANE WOODLAND.			
	Micro:	IN BARE GROUND AROUND GOOSEBERRY BUSHES OR AROUND GRANITE ROCK OUTCROPS. 180-1280 M.			

Occurrence No.	21	**Map Index:** 00073	**EO Index:**	17680		**Element Last Seen:**	1983-04-26
Occ. Rank:	Unknown		**Presence:**	Presumed Extant		**Site Last Seen:**	1983-04-26
Occ. Type:	Natural/Native occurrence		**Trend:**	Unknown		**Record Last Updated:**	2016-11-04
Quad Summary:	Success Dam (3611818)						
County Summary:	Tulare						
Lat/Long:	36.07436 / -118.93782				**Accuracy:**	1/5 mile	
UTM:	Zone-11 N3993934 E325502				**Elevation (ft):**	1440	
PLSS:	T21S, R28E, Sec. 27 (M)				**Acres:**	0.0	

Location: IN SADDLE OF ROCKY HILL BETWEEN ELEVATION POINTS 1593 AND 1567, WEST OF LAKE SUCCESS AND EAST OF PORTERVILLE.

Detailed Location: MAPPED BY CNDDB IN THE SE 1/4 OF THE NW 1/4 OF SECTION 27 BASED ON 1983 SHEVOCK FIELD SURVEY.

Ecological: AT BASE OF RIBES QUERCETORUM AND GRANITIC BOULDERS.

General: ABOUT 20 PLANTS OBSERVED IN 1983. COLLECTIONS FROM "PORTERVILLE", "3 MI E OF PORTERVILLE", "LOWEST FOOTHILLS ABOUT 2 MI E OF PORTERVILLE", AND "ROCKY HILL JUST E OF PORTERVILLE" ARE ATTRIBUTED TO THIS OCCURRENCE. INCLUDES FORMER OCC #24.

Owner/Manager: PVT

Occurrence No.	22	**Map Index:**	64770	**EO Index:**	64849	**Element Last Seen:**	XXXX-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	XXXX-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-06-01

Quad Summary: Quincy School (3511878)

County Summary: Kern, Tulare

Lat/Long:	35.78290 / -118.98288	**Accuracy:**	1 mile
UTM:	Zone-11 N3961683 E320787	**Elevation (ft):**	
PLSS:	T25S, R28E, Sec. 05 (M)	**Acres:**	0.0

Location: SEVEN MILES EAST OF RICHGROVE, KERN COUNTY.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED APPROXIMATELY 7 AIR MILES EAST OF RICHGROVE, IN KERN COUNTY.

Ecological:

General: STILL KNOWN FROM SEVEN MILES EAST OF RICHGROVE ACCORDING TO GRIGGS AND ZANINOVICH IN 1983. NEEDS FIELDWORK.

Owner/Manager: UNKNOWN

Occurrence No.	30	**Map Index:**	64726	**EO Index:**	64805	**Element Last Seen:**	1977-04-XX
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	1977-04-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-05-24

Quad Summary: Sand Canyon (3511868), Quincy School (3511878)

County Summary: Kern

Lat/Long:	35.74882 / -118.98832	**Accuracy:**	non-specific area
UTM:	Zone-11 N3957913 E320219	**Elevation (ft):**	700
PLSS:	T25S, R28E, Sec. 17, SW (M)	**Acres:**	39.1

Location: NORTH KERN COUNTY, JUST NORTH OF GARCES HIGHWAY (HIGHWAY 155), ABOUT 3 MILES EAST OF HIGHWAY 65.

Detailed Location: MAPPED ALONG GARCES HIGHWAY IN THE SW 1/4 OF SECTION 17.

Ecological: SOUTH FACING SLOPE, GRANITIC SOILS WITH SOME CLAY. BALD SPOTS WITH FEW GRASSES. EVIDENCE OF K-RAT AND COTTONTAIL RABBIT GRAZING. ASSOCIATES INCLUDE PERENNIAL ERIOGONUM, ESCHSCHOLZIA CALIFORNICA, LUPINUS, ORTHOCARPUS PURPUREUS, ETC.

General: GREATER THAN 30 PLANTS OBSERVED IN 1977 BY ZANINOVICH.

Owner/Manager: UNKNOWN

Fritillaria striata

Element Code: PMLIL0V0K0

striped adobe-lily

Listing Status:	**Federal:**	None	**CNDDB Element Ranks:**	**Global:**	G1
	State:	Threatened		**State:**	S1
	Other:	Rare Plant Rank - 1B.1, SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden, SB_SBBG-Santa Barbara Botanic Garden, SB_USDA-US Dept of Agriculture, USFS_S-Sensitive			
Habitat:	**General:**	CISMONTANE WOODLAND, VALLEY AND FOOTHILL GRASSLAND.			
	Micro:	HEAVY CLAY ADOBE SOILS IN OAK GRASSLAND. 135-1460 M.			

Occurrence No.	8	**Map Index:**	22816	**EO Index:**	7994	**Element Last Seen:**	1927-03-13
Occ. Rank:	None			**Presence:**	Extirpated	**Site Last Seen:**	1927-03-13
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-06-09

Quad Summary: Success Dam (3611818), Porterville (3611911)

County Summary: Tulare

Lat/Long:	36.07216 / -119.00473	**Accuracy:**	1 mile
UTM:	Zone-11 N3993812 E319471	**Elevation (ft):**	450
PLSS:	T21S, R27E, Sec. 25 (M)	**Acres:**	0.0

Location: PORTERVILLE.

Detailed Location:

Ecological:

General: HERBARIUM LABEL IS ONLY SOURCE OF LOCATION INFORMATION FOR THIS SITE. ACCORDING TO SHEVOCK, THIS AREA HAS BEEN PLOWED FOR AGRICULTURE AND ALL ADOBE SOILS ARE GONE.

Owner/Manager: UNKNOWN

Occurrence No.	9	**Map Index:**	22813	**EO Index:**	64957	**Element Last Seen:**	1988-04-01
Occ. Rank:	Poor			**Presence:**	Presumed Extant	**Site Last Seen:**	1988-04-01
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2006-06-15

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.11091 / -118.98101	**Accuracy:**	80 meters
UTM:	Zone-11 N3998067 E321695	**Elevation (ft):**	900
PLSS:	T21S, R28E, Sec. 08, SW (M)	**Acres:**	0.0

Location: NORTH OF ROCKY HILL, 1.4 MILE WEST OF THE JUNCTION OF ROAD 276 AND AVE 176.

Detailed Location:

Ecological: GROWING IN A NON-NATIVE GRASSLAND. CIBO-ROCK COMPLEX SOILS. ASSOCIATES INCLUDE HORDEUM LEPORINUM, VULPIA MYUROS, BROMUS MOLLIS, AVENA BARBATA, NAVARRETIA, ACHYRACHAENA MOLLIS, SENECIO VULGARE, BRODIAEA LAXA, SANICULA, AND ERODIUM.

General: 86 PLANTS OBSERVED IN 1988 WITHIN AN AREA OF 36 SQUARE METERS. 1936 AND 1958 COLLECTIONS BY HOOVER FROM "FRAZIER VALLEY" ATTRIBUTED HERE. INCLUDES FORMER OCCURRENCE #22.

Owner/Manager: UNKNOWN

Occurrence No.	21	**Map Index:**	00213	**EO Index:**	21996	**Element Last Seen:**	198X-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	198X-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1989-08-11

Quad Summary: Success Dam (3611818)

County Summary: Tulare

Lat/Long:	36.05688 / -118.89537	**Accuracy:**	1 mile
UTM:	Zone-11 N3991919 E329287	**Elevation (ft):**	1700
PLSS:	T21S, R28E, Sec. 36, SE (M)	**Acres:**	0.0

Location: MINE HILL, NEAR LAKE SUCCESS.

Detailed Location:

Ecological: ON ADOBE SOIL.

General: REPORTED FROM HERE BY JIM SHEVOCK.

Owner/Manager: UNKNOWN

Occurrence No.	23	**Map Index:**	22814	**EO Index:**	7993	**Element Last Seen:**	1990-03-29
Occ. Rank:	Fair			**Presence:**	Presumed Extant	**Site Last Seen:**	1990-03-29
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	1993-03-03

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.07098 / -118.92952	**Accuracy:**	80 meters
UTM:	Zone-11 N3993544 E326242	**Elevation (ft):**	950
PLSS:	T21S, R28E, Sec. 27, SE (M)	**Acres:**	0.0

Location:	SOUTHEAST OF ROCKY HILL, WEST OF LAKE SUCCESS; 1.2 KM (0.8 MI) NNE OF HILLTOP "WORTH, 1518" ON TOPO MAP.
Detailed Location:	
Ecological:	GROWING IN A FOOTHILL GRASSLAND COMMUNTY DOMINATED BY ANNUAL GRASSES.
General:	ONLY 2 PLANTS FOUND.
Owner/Manager:	PVT

Occurrence No.	24	**Map Index:**	22815	**EO Index:**	7995	**Element Last Seen:**	2007-03-01
Occ. Rank:	Good			**Presence:**	Presumed Extant	**Site Last Seen:**	2007-03-01
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2009-04-02

Quad Summary:	Porterville (3611911)
County Summary:	Tulare

Lat/Long:	36.10899 / -119.01147	**Accuracy:**	specific area
UTM:	Zone-11 N3997910 E318949	**Elevation (ft):**	900
PLSS:	T21S, R27E, Sec. 13, NW (M)	**Acres:**	23.0

Location:	LEWIS HILL, NORTH OF PORTERVILLE.
Detailed Location:	INCLUDES N 1/2 OF NW 1/4 OF SECTION 13 AND THE SW 1/4 OF THE SW 1/4 OF SECTION 12. THERE APPEARS TO BE ABUNDANT SUITABLE HABITAT, HOWEVER ONLY UNGRAZED AREAS HAVE FRITILLARIA STRIATA.
Ecological:	GROWING IN NON-NATIVE GRASSLAND ON A CIBO-ROCK OUTCROP COMPLEX. ASSOCIATES INCLUDE HORDEUM LEPORINUM, BRODIAEA LAXA, AVENA BARBATA, DICHELOSTEMMA PULCHELLUM, LOMATIUM SPP., OROBANCHE UNIFLORA, VULPIA MYUROS, AND BROMUS MOLLIS.
General:	1310 PLANTS OBSERVED IN 1988. APPROX. 30 PLANTS IN CENTER POLYGON AND 30 MORE PLANTS "FURTHER UPSLOPE...AT CA. 900 FT." IN 2007. # PROBABLY UNDERESTIMATED; ENTIRE SITE NOT INVESTIGATED. COMPATABLE GRAZING REGIME SHOULD BE DETERMINED.
Owner/Manager:	PVT

Occurrence No.	28	**Map Index:**	74278	**EO Index:**	75325	**Element Last Seen:**	1998-XX-XX
Occ. Rank:	Unknown			**Presence:**	Presumed Extant	**Site Last Seen:**	1998-XX-XX
Occ. Type:	Natural/Native occurrence			**Trend:**	Unknown	**Record Last Updated:**	2009-04-02

Quad Summary:	Success Dam (3611818)
County Summary:	Tulare

Lat/Long:	36.07952 / -118.92667	**Accuracy:**	specific area
UTM:	Zone-11 N3994486 E326517	**Elevation (ft):**	700
PLSS:	T21S, R28E, Sec. 26, NW (M)	**Acres:**	8.0

Location:	ESE OF ROCKY HILL, WEST OF LAKE SUCCESS, 0.6 TO 0.7 AIR MILE NE OF HILLTOP 1567 ON TOPO MAP.
Detailed Location:	MAPPED IN THE NW 1/4 OF THE NW 1/4 OF SECTION 26.
Ecological:	THE RARE PSEUDOBAHIA PIERSONII OCCURS NEARBY.
General:	UNKNOWN NUMBER OF PLANTS OBSERVED IN 1997 AND 1998. SURVEYS WERE CONDUCTED BY DWR FOR USACE. CNDDB DOES NOT HAVE THE COMPLETE DATA, ONLY MAPPED LOCATIONS.
Owner/Manager:	DOD

ScientificName	CommonName	Family	Lifeform	CRPR	CRPRChangeDate	GRank	SRank	OtherStatus	CESA	FESA	BloomingPeriod	Habitat	MicrohabitatDetails	Microhabitat	ElevationLow_m	ElevationLow_ft	ElevationHigh_m	ElevationHigh_ft	CAEndemic	States	Counties	Quads	EOTotal	EOA	EOB	EOC	EOD	EOX	EOU	EOHistorical	EORecent	EOExtant	EOPossiblyExtirpated	EOExtirpated	EOThreatList	ThreatList Total	ThreatList	Notes	Threats	Taxonomy	FullScientificName	Synonyms	ElementCode	USDAPlantsSymbol	CBRReason	DateAdded	LastUpdate
Atriplex cordulata var. erecticauli	Earlimart orache	Chenopodiaceae	annual herb	1B.2		G3T1	S1		None	None	Aug-Sep(Nov)	Valley and foothill grassland			40	130	100	330	TRUE	CA	FRE, KNG, KRN, TUL	Allensworth (3511974)	23	1	6	3	2	7	4	13	10	16	4	3	14	9	Agriculture, Developm	Threatened by vehicles. Possibly	Threatened by vehicles. Possibly	Not in TJM (1993)	Atriplex cordulata var. erecticauli	Atriplex erecticaulis	PDCHE042V0			########	########
Atriplex coronata var. vallicola	Lost Hills crownscale	Chenopodiaceae	annual herb	1B.2		G4T3	S3	BLM_S	None	None	Apr-Sep	Chenopod scrub, Valley and		Alkaline	50	165	635	2085	TRUE	CA	FRE, KNG, KRN, MER, MNT, ALA, CCA,	Avenal Gap (3511978), Cholame	76	8	22	7	4	0	35	33	43	76	0	0	35	11	Agriculture, Developm	Threatened by grazing, vehicles,			Atriplex coronata var. vallicola	Atriplex vallicola	PDCHE04371			########	########
Atriplex depressa	brittlescale	Chenopodiaceae	annual herb	1B.2		G2	S2		None	None	Apr-Oct	Chenopod scrub, Meadows		Alkaline, Clay	1	5	320	1050	TRUE	CA	COL, FRE, GLE, KNG, MER, SOL, COL, GLE, MAD,	Allensworth (3511974), Arbuckle (3912211), Arena	60	5	18	5	1	1	30	45	15	59	0	1	24	12	Agriculture, Altered flood/tida	Threatened by development, Possibly			Atriplex depressa		PDCHE042L0	ATDE3		########	########
Atriplex persistens	vernal pool smallscale	Chenopodiaceae	annual herb	1B.2		G2	S2		None	None	Jun-Oct	Vernal pools (alkaline)			10	35	115	375	TRUE	CA	MER, SOL, STA, TUL	(3712036)	41	5	6	2	0	2	26	33	8	39	2	0	8	7	Agriculture, Altered flood/tida	Threatened by agricultur			Atriplex persistens		PDCHE042P0	ATPE3		########	########
Atriplex subtilis	subtle orache	Chenopodiaceae	annual herb	1B.2		G1	S1		None	None	(Apr)Jun-Sep(Oct)	Valley and foothill grassland		Alkaline	40	130	100	330	TRUE	CA	KNG, KRN, MAD, MER, STA, BUT, FRE,	Bliss Ranch (3712014), Bonita Alturas (4112045), Biggs (3912146), Antelope Plain (3511967), Arvin Alta Sierra (3511865), Camp California Hot Springs (3511886), Barkley Mtn. (4012126), Blue Alberhill (3311764), Alpine (3211677), Ahwahnee (3711936), Bishop (3711834), Camp Nelson Allendale (3812148), Arvin (3511827), Bear Mountain Bonita Ranch (3612082), .	24	3	2	1	0	4	14	22	2	20	2	2	11	7	Agriculture, Altered flood/tida	Threatened by agricultur e. Too common? Difficult to			Atriplex subtilis		PDCHE042T0	ATSU5		########	########
Azolla microphylla	Mexican mosquito fern	Azollaceae	annual/perennial herb		4.2	G5	S4		None	None	Aug	Marshes and swamps (ponds,			30	100	100	330	FALSE	AR, AZ, BA, CA, CO, GU, IA, ID, IL,	BUT, COL, GLE, INY, KRN, LAK, MNT,		0	0	0	0	0	0	0	0	0	0	0	0	0	0		Azolla microphylla	Azolla mexicana	PPAZO0103	AZMI		########	########
Caulanthus californicus	California jewelflower	Brassicaceae	annual herb	1B.1		G1	S1	SB_CalBG/RSABG; SB_SBBG; SB_UCBG	CE	FE	Feb-May	Chenopod scrub, Pinyon		Sandy	61	200	1000	3280	TRUE	CA	FRE, KNG, KRN, SBA, SLO, TUL		67	8	22	3	2	30	2	54	13	37	12	18	52	7	Agriculture, Developm	Over 35 historical occurrences See Evolution 18:26-42 (1964) for			Caulanthus californicus		PDBRA3101	0		########	########
Clarkia exilis	slender clarkia	Onagraceae	annual herb		4.3	G3	S3	SB_UCBG	None	None	Apr-May	Cismontane woodland			120	395	1000	3280	TRUE	CA	FRE, KRN, TUL		0	0	0	0	0	0	0	0	0	0	0	0	0	0		Threatened by non-native plants, Threatened by logging, grazing, Rare in southern CA. Threatened To be expected in other foothill Threatened by logging, mining, Many occurrences historical; Threatened by grazing and non-Threatened by development and Threatened by road maintenance, Approximately half of historical Threatened by development. More than half of known occurrences Threatened by development. Rare Rediscovered in 1992 by J. Stebbins Possibly threatened by recreation			Clarkia exilis		PDONA050G0	CLEX		########	########
Clarkia springvillensis	Springville clarkia	Onagraceae	annual herb	1B.2		G2	S2	SB_UCSC	CE	FT	(Mar)Apr-Jul	Chaparral, Cismontane woodland		Granitic	245	805	1220	4005	TRUE	CA	TUL		28	1	10	6	0	1	10	14	14	27	1	0	20	12	Biocides, Developm ent, Foot traffic/tra				Clarkia springvillensis		PDONA05120	CLSP6		########	########
Claytonia palustris	marsh claytonia	Montiaceae	perennial herb		4.3	G4	S4		None	None	May-Oct	Marshes and swamps, Meadows		Clay, Seeps, Serpentinite	1000	3280	2500	8205	TRUE	CA	BUT, ELD, FRE, LAS, PLU, SHA, SIS, TEH,		0	0	0	0	0	0	0	0	0	0	0	0					Claytonia palustris		PDPOR030S0	CLPA10		########	########
Convolvulus simulans	small-flowered morning-glory	Convolvulaceae	annual herb		4.2	G4	S4	SB_CRES	None	None	Mar-Jul	Chaparral (openings), Coastal scrub,			30	100	740	2430	FALSE	BA, CA	ALA, CCA, FRE, KRN, LAX, MER, MNT, AMA,		0	0	0	0	0	0	0	0	0	0	0	0					Convolvulus simulans		PDCON05060			########	########
Delphinium hansenii ssp.	Ewan's larkspur	Ranunculaceae	perennial herb		4.2	G4T3	S3		None	None	Mar-May	Cismontane woodland,		Rocky	60	195	600	1970	TRUE	CA	CAL, ELD, FRE, MAD, MER,		0	0	0	0	0	0	0	0	0	0	0	0	0				Delphinium hansenii ssp.		PDRAN0B0T2	DEHAE		########	########
Delphinium inopinum	unexpected larkspur	Ranunculaceae	perennial herb		4.3	G3	S3	USFS_S	None	None	May-Jul	Upper montane coniferous forest			1890	6200	2800	9185	TRUE	CA	FRE, INY, KRN, TUL ALA, BUT,	Bishop (3711834), Camp Nelson Allendale (3812148)	30	9	11	0	0	0	10	30	0	30	0	0	10	5	Foot traffic/trampling, Grazing,				Delphinium inopinum		PDRAN0B0W0	DEIN		########	########
Delphinium recurvatum	recurved larkspur	Ranunculaceae	perennial herb	1B.2		G2?	S2?	BLM_S; SB_SBBG	None	None	Mar-Jun	Chenopod scrub, Cismontane		Alkaline	3	10	790	2590	TRUE	CA	CCA, FRE, KNG, KRN, MAD,	Allensworth (3511827), Bear Mountain Bonita Ranch (3612082), .	120	11	23	11	3	15	57	78	42	105	1	14	55	13	Agriculture, Dam/Inundation, Erosion/ru noff, Other,				Delphinium recurvatum		PDRAN0B1J0	DERE2		########	########
Diplacus pictus	calico monkeyflower spiny-sepaled button-celery	Phrymaceae	annual herb	1B.2		G2	S2	BLM_S; SB_CalBG/RSABG	None	None	Mar-May	Broadleaved upland forest, Valley and foothill grassland,		Disturbed areas, Granitic	100	330	1430	4690	TRUE	CA	KRN, TUL CAL, CCA, FRE, KRN, MAD, MER,	Chickencoop Canyon (3611838), Allensworth (3511974), Antioch South (3712187), Arroyo Allendale (3812148), Antioch North Arvin (3511827), Avenal Gap	73	4	25	6	1	0	37	35	38	73	0	0	17	8	Agriculture, Altered flood/tida				Diplacus pictus	Mimulus pictus	PDSCR1B240			########	########
Eryngium spinosepalum		Apiaceae	annual/perennial herb	1B.2		G2	S2	BLM_S; SB_SBBG SB_CalBG/RSABG; SB_SBBG; SB_USDA;	None	None	Apr-Jun	Cismontane woodland,		Clay (usually)	80	260	975	3200	TRUE	CA	KRN, TUL FRE, KNG, KRN, MAD, MER, SAC, ALA, BUT, CCA, COL, FRE, KNG, KRN,		108	11	16	5	0	4	72	73	35	104	3	1	31	15	Agriculture, Altered flood/tida				Eryngium spinosepalum		PDAPI0Z0Y0	ERSP16		########	########
Fritillaria striata	striped adobe-lily	Liliaceae	perennial bulbiferous herb	1B.1		G1	S1		CT	None	Feb-Apr	Vernal pools		Alkaline	0	0	200	655	TRUE	CA			55	0	0	0	0	15	40	42	13	40	15	0	25	4	Agriculture, Developm	See Synoptical Flora of North Threatened by development and Threatened by development. More than half of known occurrences Threatened by development. Rare Rediscovered in 1992 by J. Stebbins Possibly threatened by recreation	Threatened by habitat loss,		Fritillaria striata		PMLIL0V0K0	FRST		########	########
Lasthenia chrysantha	alkali-sink goldfields	Asteraceae	annual herb	1B.1	########	G2	S2		None	None	Feb-Apr	Vernal pools		Alkaline	0	0	200	655	TRUE	CA			55	0	0	0	0	15	40	42	13	40	15	0	25	4	Agriculture, Developm				Lasthenia chrysantha		PDAST5L030			########	########
Lasthenia ferrisiae	Ferris' goldfields	Asteraceae	annual herb		4.2	G3	S3			None	Feb-May	Vernal pools (alkaline, clay)			20	65	700	2295	TRUE	CA	FRE, KNG, KRN,		0	0	0	0	0	0	0	0	0	0	0	0	0	0					Lasthenia ferrisiae		PDAST5L070	LAFE		########	########
Leptosiphon serrulatus	Madera leptosiphon	Polemoniaceae	annual herb	1B.2		G3	S3	BLM_S; SB_SBBG; USFS_S	None	None	Apr-May	Cismontane woodland,			300	985	1300	4265	TRUE	CA	FRE, KRN, MAD, MPA, TUL	Ahwahnee (3711936) Alpaugh (3511984)	27	0	4	0	0	0	23	23	4	27	0	0	3	4	Erosion/runoff, Other,				Leptosiphon serrulatus	Linanthus serrulatus Eatonella congdonii, Lembertia congdonii	PDPLM09130	LESE18		########	########
Monolopia congdonii	San Joaquin woollythreads	Asteraceae	annual herb	1B.2		G2	S2	SB_UCBG	None	FE	Feb-May	Chenopod scrub, Valley and			60	195	800	2625	TRUE	CA	FRE, KNG, KRN, SBT, SLO, TUL	Arvin (3511827) Adelaida (3512067), Antioch South	111	8	41	14	5	24	19	65	46	87	24	0	93	12	Agriculture, Altered flood/tida				Monolopia congdonii		PDASTA8010	MOCO7		########	########
Navarretia nigelliformis ssp.	shining navarretia	Polemoniaceae	annual herb	1B.2		G4T2	S2	BLM_S	None	None	(Mar)Apr-Jul	Cismontane woodland,		Clay (sometimes)	65	215	1000	3280	TRUE	CA	ALA, CCA, COL, FRE, MAD, MER,		102	11	17	17	2	2	53	54	48	100	2	0	61	13	Agriculture, Developm				Navarretia nigelliformis ssp.		PDPLM0C0I2	NANIR		########	########
Pseudobahia peirsonii	San Joaquin adobe sunburst	Asteraceae	annual herb	1B.1		G1	S1	SB_CalBG/RSABG	CE	FT	Feb-Apr	Cismontane woodland,		Adobe, Clay	90	295	800	2625	TRUE	CA	FRE, KRN, TUL ALA, CCA,	Chickencoop Canyon (3611838) Antioch	51	1	11	13	9	10	7	27	24	41	2	8	48	16	Agriculture, Altered flood/tida				Pseudobahia peirsonii		PDAST7P030	PSPE		########	########
Senecio aphanactis	chaparral ragwort	Asteraceae	annual herb	2B.2	########	G3	S2	SB_CalBG/RSABG; SB_CRES	None	None	Jan-Apr(May)	Chaparral, Cismontane		Alkaline (sometimes)	15	50	800	2625	FALSE	BA, CA	FRE, LAX, MER, MNT, COL, FRE, GLE, LAK,	(3712187), Arroyo Allendale (3812148), Antioch North Arvin (3511827), Avenal Gap	98	12	6	2	0	5	73	56	42	93	5	0	12	13	Development, Erosion/ru				Senecio aphanactis		PDAST8H060	SEAP2		########	########
Sidalcea keckii	Keck's checkerbloom	Malvaceae	annual herb	1B.1		G2	S2	SB_CalBG/RSABG	None	FE	Apr-May(Jun)	Cismontane woodland,		Clay, Serpentinite	75	245	650	2135	TRUE	CA	MER, NAP, SOL, SBT, SLO,		50	2	0	0	1	1	46	21	29	49	0	1	6	6	Agriculture, Developm				Sidalcea keckii		PDMAL110D0	SIKE		########	########
Trichostema ovatum	San Joaquin bluecurls	Lamiaceae	annual herb		4.2	G3	S3			None	(Apr-Jun)Jul-Oct	Chenopod scrub, Valley and			65	215	320	1050	TRUE	CA	FRE, KNG, KRN, SBA, SON, TUL,		0	0	0	0	0	0	0	0	0	0	0	0	0	0					Trichostema ovatum		PDLAM220A0	TROV		########	########

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

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Location

Tulare County, California

Local office

Sacramento Fish And Wildlife Office

(916) 414-6600
(916) 414-6713

Federal Building

2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

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Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

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2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Buena Vista Lake Ornate Shrew Sorex ornatus relictus Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/1610	Endangered
Fisher Pekania pennanti There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/3651	Endangered
San Joaquin Kit Fox Vulpes macrotis mutica Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2873	Endangered
Tipton Kangaroo Rat Dipodomys nitratoides nitratoides Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7247	Endangered

Birds

NAME	STATUS
California Condor Gymnogyps californianus There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/8193	Endangered
Southwestern Willow Flycatcher Empidonax traillii extimus Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/6749	Endangered

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Insects

NAME	STATUS
Monarch Butterfly *Danaus plexippus* Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

Crustaceans

NAME	STATUS
Vernal Pool Fairy Shrimp *Branchinecta lynchi* Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/498	Threatened

Flowering Plants

NAME	STATUS
Keck's Checker-mallow *Sidalcea keckii* Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/5704	Endangered
San Joaquin Adobe Sunburst *Pseudobahia peirsonii* Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2931	Threatened
Springville Clarkia *Clarkia springvillensis* Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8309	Threatened

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Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

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For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 1 to Aug 31
Belding's Savannah Sparrow *Passerculus sandwichensis beldingi* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8	Breeds Apr 1 to Aug 15
Bullock's Oriole *Icterus bullockii* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 21 to Jul 25
California Gull *Larus californicus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 1 to Jul 31
California Thrasher *Toxostoma redivivum* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jan 1 to Jul 31
Golden Eagle *Aquila chrysaetos* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Lawrence's Goldfinch *Carduelis lawrencei* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9464	Breeds Mar 20 to Sep 20

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Nuttall's Woodpecker Picoides nuttallii — Breeds Apr 1 to Jul 20

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9410

Oak Titmouse Baeolophus inornatus — Breeds Mar 15 to Jul 15

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9656

Tricolored Blackbird Agelaius tricolor — Breeds Mar 15 to Aug 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/3910

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

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3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

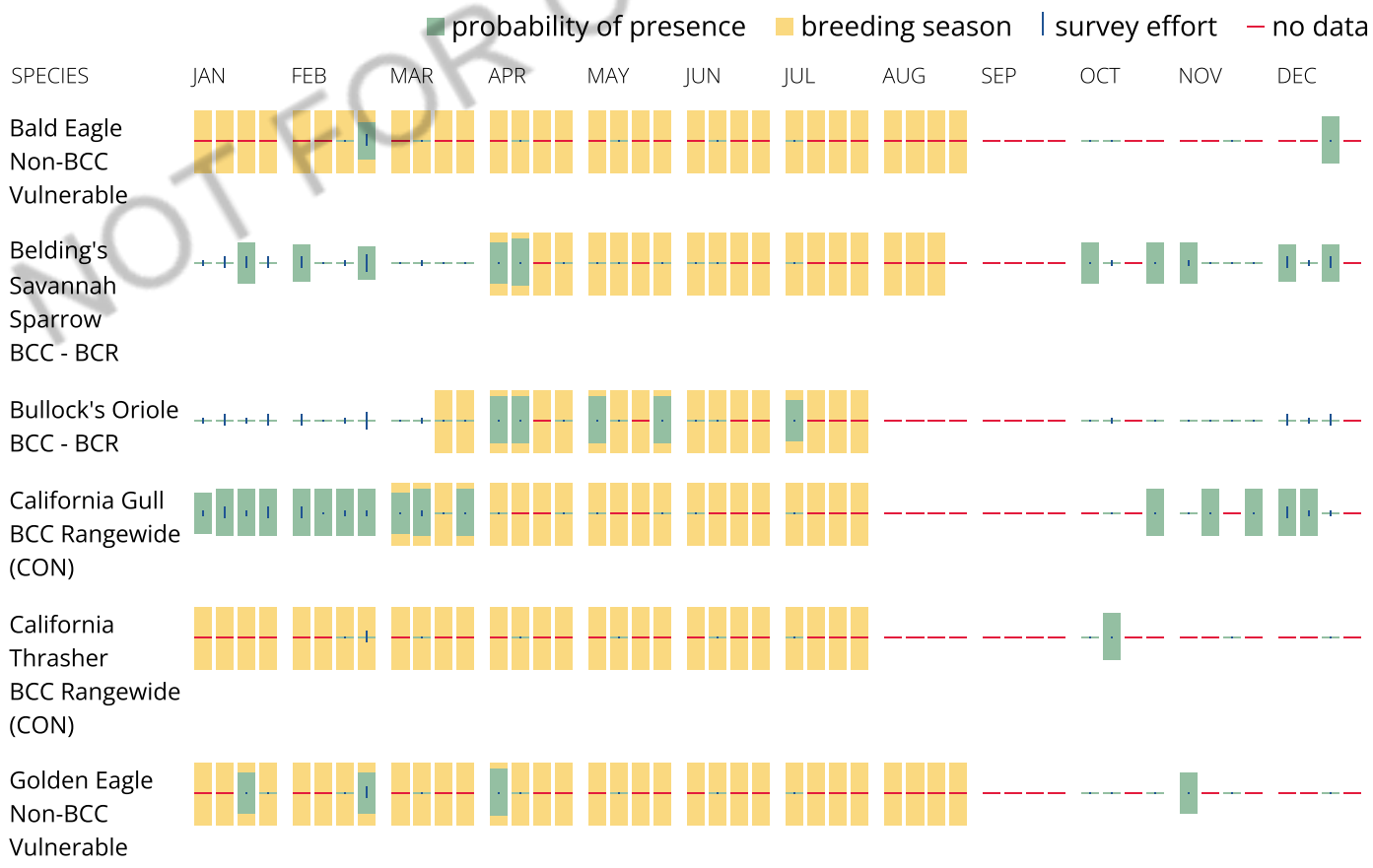
Breeding Season (▪)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



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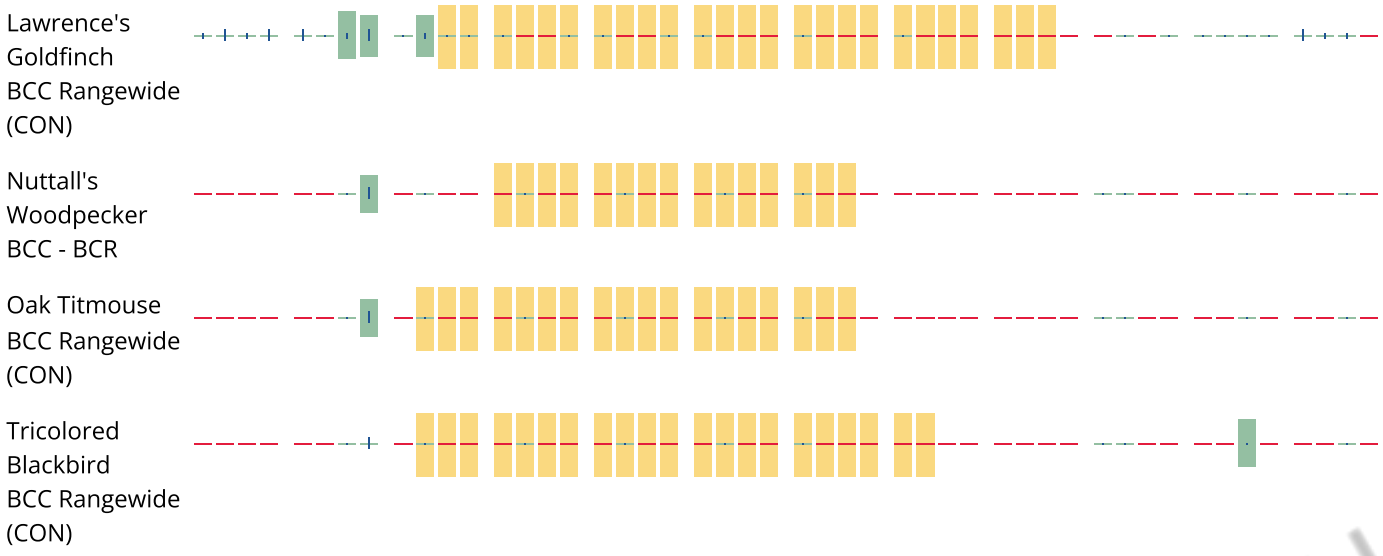

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

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Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

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Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

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Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory

(NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the NWI map to view wetlands at this location.

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Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should

seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

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