

Appendix K-2:
County Fuel Calculations

EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: County

Region: LOS ANGELES

Calendar Year: 2017

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Fuel Consumption		
LOS ANGELES	2017	LDA	Aggregated	Aggregated	GAS	5,873.65		
LOS ANGELES	2017	LDT1	Aggregated	Aggregated	GAS	665.71		
LOS ANGELES	2017	LDT2	Aggregated	Aggregated	GAS	2,495.98		
LOS ANGELES	2017	LHD1	Aggregated	Aggregated	GAS	425.74		
LOS ANGELES	2017	LHD2	Aggregated	Aggregated	GAS	72.49		
LOS ANGELES	2017	MCY	Aggregated	Aggregated	GAS	30.14		
LOS ANGELES	2017	MDV	Aggregated	Aggregated	GAS	1,936.57		
LOS ANGELES	2017	MH	Aggregated	Aggregated	GAS	40.50		
LOS ANGELES	2017	OBUS	Aggregated	Aggregated	GAS	41.33		
LOS ANGELES	2017	SBUS	Aggregated	Aggregated	GAS	4.44		
LOS ANGELES	2017	T6TS	Aggregated	Aggregated	GAS	170.30		
LOS ANGELES	2017	T7IS	Aggregated	Aggregated	GAS	1.67		
LOS ANGELES	2017	UBUS	Aggregated	Aggregated	GAS	8.09		
Total Gas						11,766.61	4,294,811,614.51	
						Project Construction	4,814.00	0.00011209
						Project Operation	1,439	3.3506E-05
Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Fuel Consumption		
LOS ANGELES	2017	All Other Bus	Aggregated	Aggregated	DSL	13.18		

LOS ANGELES	2017 LDA	Aggregated	Aggregated	DSL	22.96
LOS ANGELES	2017 LDT1	Aggregated	Aggregated	DSL	0.52
LOS ANGELES	2017 LDT2	Aggregated	Aggregated	DSL	6.98
LOS ANGELES	2017 LHD1	Aggregated	Aggregated	DSL	91.57
LOS ANGELES	2017 LHD2	Aggregated	Aggregated	DSL	39.78
LOS ANGELES	2017 MDV	Aggregated	Aggregated	DSL	19.02
LOS ANGELES	2017 MH	Aggregated	Aggregated	DSL	4.88
LOS ANGELES	2017 Motor Coach	Aggregated	Aggregated	DSL	14.12
LOS ANGELES	2017 PTO	Aggregated	Aggregated	DSL	15.97
LOS ANGELES	2017 SBUS	Aggregated	Aggregated	DSL	16.41
LOS ANGELES	2017 T6 Ag	Aggregated	Aggregated	DSL	0.01
LOS ANGELES	2017 T6 CAIRP hea	Aggregated	Aggregated	DSL	5.85
LOS ANGELES	2017 T6 CAIRP sm	Aggregated	Aggregated	DSL	0.86
LOS ANGELES	2017 T6 instate coi	Aggregated	Aggregated	DSL	16.13
LOS ANGELES	2017 T6 instate coi	Aggregated	Aggregated	DSL	42.37
LOS ANGELES	2017 T6 instate he	Aggregated	Aggregated	DSL	122.54
LOS ANGELES	2017 T6 instate sm	Aggregated	Aggregated	DSL	180.76
LOS ANGELES	2017 T6 OOS heav	Aggregated	Aggregated	DSL	3.35
LOS ANGELES	2017 T6 OOS small	Aggregated	Aggregated	DSL	0.49
LOS ANGELES	2017 T6 Public	Aggregated	Aggregated	DSL	8.95
LOS ANGELES	2017 T6 utility	Aggregated	Aggregated	DSL	1.90
LOS ANGELES	2017 T7 Ag	Aggregated	Aggregated	DSL	0.03
LOS ANGELES	2017 T7 CAIRP	Aggregated	Aggregated	DSL	162.64
LOS ANGELES	2017 T7 CAIRP con	Aggregated	Aggregated	DSL	16.58
LOS ANGELES	2017 T7 NNOOS	Aggregated	Aggregated	DSL	191.50
LOS ANGELES	2017 T7 NOOS	Aggregated	Aggregated	DSL	65.15
LOS ANGELES	2017 T7 POLA	Aggregated	Aggregated	DSL	152.76
LOS ANGELES	2017 T7 Public	Aggregated	Aggregated	DSL	19.50
LOS ANGELES	2017 T7 Single	Aggregated	Aggregated	DSL	61.81

LOS ANGELES	2017 T7 single con:	Aggregated	Aggregated	DSL	43.47	
LOS ANGELES	2017 T7 SWCV	Aggregated	Aggregated	DSL	45.17	
LOS ANGELES	2017 T7 tractor	Aggregated	Aggregated	DSL	237.59	
LOS ANGELES	2017 T7 tractor cor	Aggregated	Aggregated	DSL	36.14	
LOS ANGELES	2017 T7 utility	Aggregated	Aggregated	DSL	1.35	
LOS ANGELES	2017 UBUS	Aggregated	Aggregated	DSL	2.18	
				Total Diesel	1,664.48	607,534,327.43
				Project Construction	42,578.00	0.007008328
				Project Operation	509.00	8.37813E-05