



8868 Southwest Village - Energy

San Diego	2025 T7 Single Concrete/Transit Mix Class 8	Diesel	355.89	20.2%	7,694,797.66	7,684,797.66	0.00	1,294.04	5.94		272.94	45.96	
San Diego	2025 T7 Single Concrete/Transit Mix Class 8	Electricity	6.82	0.4%	180,684.54	0.00	180,684.54	0.00		0.55	5.23		9.53
San Diego	2025 T7 Single Concrete/Transit Mix Class 8	Natural Gas	30.44	1.7%	665,481.02	665,481.02	0.00	115.13	5.78		23.34	4.04	
San Diego	2025 T7 Single Dump Class 8	Diesel	875.09	49.8%	15,586,116.37	15,586,116.37	0.00	2,683.84	5.81		671.12	115.56	
San Diego	2025 T7 Single Dump Class 8	Electricity	6.01	0.3%	151,502.17	0.00	151,502.17	0.00		0.55	4.61		8.40
San Diego	2025 T7 Single Dump Class 8	Natural Gas	66.59	3.8%	1,264,685.67	1,264,685.67	0.00	229.72	5.51		51.07	9.28	
San Diego	2025 T7 Single Other Class 8	Diesel	1,712.97	97.5%	28,784,454.62	28,784,454.62	0.00	4,876.48	5.90		1,313.70	222.56	
San Diego	2025 T7 Single Other Class 8	Electricity	16.30	0.9%	357,250.51	0.00	357,250.51	0.00		0.55	12.50		22.79
San Diego	2025 T7 Single Other Class 8	Natural Gas	133.19	7.6%	2,316,661.93	2,316,661.93	0.00	410.03	5.65		102.14	18.08	
San Diego	2025 T7 SWCV Class 8	Diesel	518.50	29.5%	10,507,577.01	10,507,577.01	0.00	4,410.29	2.38		397.64	166.90	
San Diego	2025 T7 SWCV Class 8	Electricity	10.11	0.6%	192,543.05	0.00	192,543.05	0.00		0.54	7.76		14.43
San Diego	2025 T7 SWCV Class 8	Natural Gas	833.21	47.4%	16,791,453.26	16,791,453.26	0.00	3,523.14	4.77		639.00	134.07	
San Diego	2025 T7 Tractor Class 8	Diesel	4,368.40	248.6%	100,078,180.66	100,078,180.66	0.00	16,294.97	6.14		3,350.18	545.48	
San Diego	2025 T7 Tractor Class 8	Electricity	23.41	1.3%	586,242.91	0.00	586,242.91	0.00		0.55	17.96		32.69
San Diego	2025 T7 Tractor Class 8	Natural Gas	66.67	3.8%	1,508,689.63	1,508,689.63	0.00	282.09	5.35		51.13	9.56	
San Diego	2025 T7 Utility Class 8	Diesel	149.06	8.5%	2,054,176.42	2,054,176.42	0.00	352.30	5.83		114.31	19.61	
San Diego	2025 T7 Utility Class 8	Electricity	0.84	0.0%	16,734.37	0.00	16,734.37	0.00		0.53	0.64		1.21
San Diego	2025 T715	Gasoline	7.03	0.4%	156,216.57	156,216.57	0.00	41.58	3.76		5.39	1.44	
San Diego	2025 T715	Electricity	0.03	0.0%	2,600.62	0.00	2,600.62	0.00		0.50	0.02		0.04

8868 Southwest Village - Energy

Phase	Phase Length (Days)	Equipment	Amount	Daily Usage Hours	Total Usage Hours	Gallons per Hour	Fuel Used (Gallons)
Site Preparation	17	Rubber Tired Dozers	6	8	816	5.38	4,389
	17	Tractors/Loaders/Backhoes	8	8	1,088	2.19	2,385
Grading	43	Excavator	4	8	1,376	2.97	4,082
	43	Grader	2	8	688	4.45	3,058
	43	Rubber Tired Dozer	2	8	688	5.38	3,701
	43	Tractors/Loaders/Backhoes	4	8	1,376	2.19	3,017
	43	Scrapers	4	8	1,376	8.78	12,088
Building Construction	431	Crane	2	7	6,034	4.48	27,014
	431	Forklifts	6	8	20,688	2.20	45,425
	431	Generator Set	2	8	6,896	2.64	18,217
	431	Tractors/Loaders/Backhoes	6	7	18,102	2.19	39,685
	431	Welder	2	8	6,896	1.47	10,167
Paving	31	Paver	4	8	992	3.25	3,222
	31	Paving Equipment	4	8	992	3.19	3,163
	31	Rollers	4	8	992	1.88	1,865
Architectural Coatings	216	Air Compressor	2	6	2,592	1.12	2,890
							184,367

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: San Diego

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Project-Level VMT **142,760,674**

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Pop %	Total VMT	Fuel VMT	Elec VMT	Fuel Consumption (1,000 gal/day)	Fuel Efficiency (mpg)	Elec Efficiency (mpkWh)	VMT	Total Fuel Consumption	Total kWh Consumption
San Diego	2025	LDA	Aggregate	Aggregate	Gasoline	1,163,596.25	46.78%	16,170,114,038.55	16,170,114,038.55	0.00	561,907.02	28.78		66,789,921.99	2,320,931.45	
San Diego	2025	LDA	Aggregate	Aggregate	Diesel	5,162.28	0.21%	53,660,201.76	53,660,201.76	0.00	1,336.78	40.14		296,312.64	7,381.72	
San Diego	2025	LDA	Aggregate	Aggregate	Electricity	71,862.97	2.89%	1,260,998,883.61	0.00	1,260,998,883.61	0.00		2.59	4,124,903.31		1,592,553.13
San Diego	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	35,220.43	1.42%	583,129,504.51	281,434,275.42	301,695,229.08	10,298.73	27.33	3.31	2,021,637.58	73,979.27	610,594.80
San Diego	2025	LDT1	Aggregate	Aggregate	Gasoline	124,744.84	5.02%	1,490,666,669.58	1,490,666,669.58	0.00	63,393.53	23.51		7,160,299.90	304,505.81	
San Diego	2025	LDT1	Aggregate	Aggregate	Diesel	55.09	0.00%	272,589.26	272,589.26	0.00	12.11	22.51		3,162.34	140.48	
San Diego	2025	LDT1	Aggregate	Aggregate	Electricity	297.79	0.01%	4,928,357.92	0.00	4,928,357.92	0.00		2.59	17,092.86		6,599.25
San Diego	2025	LDT1	Aggregate	Aggregate	Plug-in Hybrid	192.09	0.01%	3,460,343.41	1,498,622.90	1,961,720.50	55.04	27.23	3.31	11,025.89	404.92	3,330.15
San Diego	2025	LDT2	Aggregate	Aggregate	Gasoline	557,048.77	22.40%	7,832,484,213.37	7,832,484,213.37	0.00	337,693.55	23.19		31,974,358.80	1,378,558.12	
San Diego	2025	LDT2	Aggregate	Aggregate	Diesel	2,113.28	0.08%	30,803,137.86	30,803,137.86	0.00	1,010.35	30.49		121,301.48	3,978.70	
San Diego	2025	LDT2	Aggregate	Aggregate	Electricity	3,968.97	0.16%	52,277,232.79	0.00	52,277,232.79	0.00		2.59	227,817.08		87,956.20
San Diego	2025	LDT2	Aggregate	Aggregate	Plug-in Hybrid	4,694.72	0.19%	81,012,904.35	36,783,222.25	44,229,682.10	1,355.20	27.14	3.31	269,475.04	9,928.24	81,389.49
San Diego	2025	LHD1	Aggregate	Aggregate	Gasoline	41,448.06	1.67%	546,300,707.17	546,300,707.17	0.00	55,484.87	9.85		2,379,100.93	241,632.68	
San Diego	2025	LHD1	Aggregate	Aggregate	Diesel	30,080.41	1.21%	393,207,869.87	393,207,869.87	0.00	24,355.96	16.14		1,726,602.75	106,948.69	
San Diego	2025	LHD1	Aggregate	Aggregate	Electricity	399.08	0.02%	9,587,057.97	0.00	9,587,057.97	0.00		1.54	22,906.75		14,907.95
San Diego	2025	LHD2	Aggregate	Aggregate	Gasoline	5,937.83	0.24%	75,595,102.84	75,595,102.84	0.00	8,678.90	8.71		340,828.99	39,129.79	
San Diego	2025	LHD2	Aggregate	Aggregate	Diesel	11,919.52	0.48%	161,427,533.76	161,427,533.76	0.00	12,010.34	13.44		684,175.57	50,903.21	
San Diego	2025	LHD2	Aggregate	Aggregate	Electricity	103.03	0.00%	2,351,032.51	0.00	2,351,032.51	0.00		1.56	5,913.79		3,787.03
San Diego	2025	MCY	Aggregate	Aggregate	Gasoline	69,656.63	2.80%	147,529,411.60	147,529,411.60	0.00	3,771.18	39.12		3,998,260.36	102,204.46	
San Diego	2025	MDV	Aggregate	Aggregate	Gasoline	332,056.35	13.35%	4,573,376,758.89	4,573,376,758.89	0.00	239,726.12	19.08		19,059,891.10	999,076.62	
San Diego	2025	MDV	Aggregate	Aggregate	Diesel	5,727.05	0.23%	79,241,784.47	79,241,784.47	0.00	3,467.83	22.85		328,730.26	14,386.12	
San Diego	2025	MDV	Aggregate	Aggregate	Electricity	4,296.13	0.17%	56,530,477.61	0.00	56,530,477.61	0.00		2.59	246,595.74		95,206.31
San Diego	2025	MDV	Aggregate	Aggregate	Plug-in Hybrid	2,943.23	0.12%	51,440,756.37	23,721,408.08	27,719,348.29	881.53	26.91	3.31	168,940.11	6,278.15	51,024.95
San Diego	2025	MH	Aggregate	Aggregate	Gasoline	9,552.96	0.38%	28,835,254.80	28,835,254.80	0.00	6,536.58	4.41		548,335.87	124,300.69	
San Diego	2025	MH	Aggregate	Aggregate	Diesel	4,060.71	0.16%	12,739,374.90	12,739,374.90	0.00	1,357.32	9.39		233,082.86	24,833.84	

**GAS**  
5,600,930.19

**DSL**  
208,572.77

**ELEC**  
2,547,349.25

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: San Diego

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Project-Level VMT **20,451,590**

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Pop %	Total VMT	Fuel VMT	Elec VMT	Fuel Consumption (1,000 gal/day)	Fuel Efficiency (mpg)	Elec Efficiency (mpkWh)	VMT	Total Fuel Consumption	Total kWh Consumption
San Diego	2025	LDA	Aggregate	Aggregate	Gasoline	1,163,596.25	46.78%	16,170,114,038.55	16,170,114,038.55	0.00	561,907.02	28.78		9,568,181.93	332,491.69	
San Diego	2025	LDA	Aggregate	Aggregate	Diesel	5,162.28	0.21%	53,660,201.76	53,660,201.76	0.00	1,336.78	40.14		42,449.12	1,057.49	
San Diego	2025	LDA	Aggregate	Aggregate	Electricity	71,862.97	2.89%	1,260,998,883.61	0.00	1,260,998,883.61	0.00		2.59	590,924.86		228,145.77
San Diego	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	35,220.43	1.42%	583,129,504.51	281,434,275.42	301,695,229.08	10,298.73	27.33	3.31	289,615.49	10,598.11	87,472.51
San Diego	2025	LDT1	Aggregate	Aggregate	Gasoline	124,744.84	5.02%	1,490,666,669.58	1,490,666,669.58	0.00	63,393.53	23.51		1,025,769.31	43,622.85	
San Diego	2025	LDT1	Aggregate	Aggregate	Diesel	55.09	0.00%	272,589.26	272,589.26	0.00	12.11	22.51		453.03	20.13	
San Diego	2025	LDT1	Aggregate	Aggregate	Electricity	297.79	0.01%	4,928,357.92	0.00	4,928,357.92	0.00		2.59	2,448.69		945.39
San Diego	2025	LDT1	Aggregate	Aggregate	Plug-in Hybrid	192.09	0.01%	3,460,343.41	1,498,622.90	1,961,720.50	55.04	27.23	3.31	1,579.55	58.01	477.07
San Diego	2025	LDT2	Aggregate	Aggregate	Gasoline	557,048.77	22.40%	7,832,484,213.37	7,832,484,213.37	0.00	337,693.55	23.19		4,580,578.52	197,489.30	
San Diego	2025	LDT2	Aggregate	Aggregate	Diesel	2,113.28	0.08%	30,803,137.86	30,803,137.86	0.00	1,010.35	30.49		17,377.39	569.98	
San Diego	2025	LDT2	Aggregate	Aggregate	Electricity	3,968.97	0.16%	52,277,232.79	0.00	52,277,232.79	0.00		2.59	32,636.59		12,600.42
San Diego	2025	LDT2	Aggregate	Aggregate	Plug-in Hybrid	4,694.72	0.19%	81,012,904.35	36,783,222.25	44,229,682.10	1,355.20	27.14	3.31	38,604.42	1,422.30	11,659.69
San Diego	2025	LHD1	Aggregate	Aggregate	Gasoline	41,448.06	1.67%	546,300,707.17	546,300,707.17	0.00	55,484.87	9.85		340,824.93	34,615.78	
San Diego	2025	LHD1	Aggregate	Aggregate	Diesel	30,080.41	1.21%	393,207,869.87	393,207,869.87	0.00	24,355.96	16.14		247,349.43	15,321.24	
San Diego	2025	LHD1	Aggregate	Aggregate	Electricity	399.08	0.02%	9,587,057.97	0.00	9,587,057.97	0.00		1.54	3,281.57		2,135.68
San Diego	2025	LHD2	Aggregate	Aggregate	Gasoline	5,937.83	0.24%	75,595,102.84	75,595,102.84	0.00	8,678.90	8.71		48,826.43	5,605.65	
San Diego	2025	LHD2	Aggregate	Aggregate	Diesel	11,919.52	0.48%	161,427,533.76	161,427,533.76	0.00	12,010.34	13.44		98,013.54	7,292.29	
San Diego	2025	LHD2	Aggregate	Aggregate	Electricity	103.03	0.00%	2,351,032.51	0.00	2,351,032.51	0.00		1.56	847.20		542.52
San Diego	2025	MCY	Aggregate	Aggregate	Gasoline	69,656.63	2.80%	147,529,411.60	147,529,411.60	0.00	3,771.18	39.12		572,782.26	14,641.59	
San Diego	2025	MDV	Aggregate	Aggregate	Gasoline	332,056.35	13.35%	4,573,376,758.89	4,573,376,758.89	0.00	239,726.12	19.08		2,730,479.39	143,125.59	
San Diego	2025	MDV	Aggregate	Aggregate	Diesel	5,727.05	0.23%	79,241,784.47	79,241,784.47	0.00	3,467.83	22.85		47,093.20	2,060.93	
San Diego	2025	MDV	Aggregate	Aggregate	Electricity	4,296.13	0.17%	56,530,477.61	0.00	56,530,477.61	0.00		2.59	35,326.78		13,639.05
San Diego	2025	MDV	Aggregate	Aggregate	Plug-in Hybrid	2,943.23	0.12%	51,440,756.37	23,721,408.08	27,719,348.29	881.53	26.91	3.31	24,202.00	899.39	7,309.73
San Diego	2025	MH	Aggregate	Aggregate	Gasoline	9,552.96	0.38%	28,835,254.80	28,835,254.80	0.00	6,536.58	4.41		78,553.43	17,807.05	
San Diego	2025	MH	Aggregate	Aggregate	Diesel	4,060.71	0.16%	12,739,374.90	12,739,374.90	0.00	1,357.32	9.39		33,390.95	3,557.64	

**GAS**

**802,377.33**

**DSL**

**29,879.69**

**ELEC**

**364,927.83**

8868 Southwest Village - Energy

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: County

Region: San Diego

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Consumption	Fuel Consumption	MPG	Miles per kWh
San Diego	2025	All Other Buses	Aggregate	Aggregate	Diesel	443.74	7,199,701.42	7,199,701.42	0.00	1,153,184.00	0.00	825.61	8.72	
San Diego	2025	All Other Buses	Aggregate	Aggregate	Natural Gas	95.31	1,659,052.11	1,659,052.11	0.00	247,692.22	0.00	228.35	7.27	
San Diego	2025	LDA	Aggregate	Aggregate	Gasoline	1,163,596.25	16,170,114,038.55	16,170,114,038.55	0.00	1,874,736,221.47	0.00	561,907.02	28.78	
San Diego	2025	LDA	Aggregate	Aggregate	Diesel	5,162.28	53,660,201.76	53,660,201.76	0.00	7,539,863.57	0.00	1,336.78	40.14	
San Diego	2025	LDA	Aggregate	Aggregate	Electricity	71,862.97	1,260,998,883.61	0.00	1,260,998,883.61	123,725,463.83	486,849,644.97	0.00		2.59
San Diego	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	35,220.43	583,129,504.51	281,434,275.42	301,695,229.08	50,535,860.87	91,120,951.14	10,298.73	27.33	3.31
San Diego	2025	LDT1	Aggregate	Aggregate	Gasoline	124,744.84	1,490,666,669.58	1,490,666,669.58	0.00	187,833,074.03	0.00	63,393.53	23.51	
San Diego	2025	LDT1	Aggregate	Aggregate	Diesel	55.09	272,589.26	272,589.26	0.00	53,587.29	0.00	12.11	22.51	
San Diego	2025	LDT1	Aggregate	Aggregate	Electricity	297.79	4,928,357.92	0.00	4,928,357.92	501,556.92	1,902,752.92	0.00		2.59
San Diego	2025	LDT1	Aggregate	Aggregate	Plug-in Hybrid	192.09	3,460,343.41	1,498,622.90	1,961,720.50	275,619.48	592,498.06	55.04	27.23	3.31
San Diego	2025	LDT2	Aggregate	Aggregate	Gasoline	557,048.77	7,832,484,213.37	7,832,484,213.37	0.00	900,479,771.34	0.00	337,693.55	23.19	
San Diego	2025	LDT2	Aggregate	Aggregate	Diesel	2,113.28	30,803,137.86	30,803,137.86	0.00	3,479,164.26	0.00	1,010.35	30.49	
San Diego	2025	LDT2	Aggregate	Aggregate	Electricity	3,968.97	52,277,232.79	0.00	52,277,232.79	7,017,741.41	20,183,326.53	0.00		2.59
San Diego	2025	LDT2	Aggregate	Aggregate	Plug-in Hybrid	4,694.72	81,012,904.35	36,783,222.25	44,229,682.10	6,736,199.11	13,358,682.25	1,355.20	27.14	3.31
San Diego	2025	LHD1	Aggregate	Aggregate	Gasoline	41,448.06	546,300,707.17	546,300,707.17	0.00	201,927,204.94	0.00	55,484.87	9.85	
San Diego	2025	LHD1	Aggregate	Aggregate	Diesel	30,080.41	393,207,869.87	393,207,869.87	0.00	123,728,221.16	0.00	24,355.96	16.14	
San Diego	2025	LHD1	Aggregate	Aggregate	Electricity	399.08	9,587,057.97	0.00	9,587,057.97	1,824,401.94	6,239,355.46	0.00		1.54
San Diego	2025	LHD2	Aggregate	Aggregate	Gasoline	5,937.83	75,595,102.84	75,595,102.84	0.00	28,928,005.65	0.00	8,678.90	8.71	
San Diego	2025	LHD2	Aggregate	Aggregate	Diesel	11,919.52	161,427,533.76	161,427,533.76	0.00	49,027,969.37	0.00	12,010.34	13.44	
San Diego	2025	LHD2	Aggregate	Aggregate	Electricity	103.03	2,351,032.51	0.00	2,351,032.51	446,766.80	1,505,538.39	0.00		1.56
San Diego	2025	MCY	Aggregate	Aggregate	Gasoline	69,656.63	147,529,411.60	147,529,411.60	0.00	48,341,700.16	0.00	3,771.18	39.12	
San Diego	2025	MDV	Aggregate	Aggregate	Gasoline	332,056.35	4,573,376,758.89	4,573,376,758.89	0.00	529,606,229.12	0.00	239,726.12	19.08	
San Diego	2025	MDV	Aggregate	Aggregate	Diesel	5,727.05	79,241,784.47	79,241,784.47	0.00	9,198,907.21	0.00	3,467.83	22.85	
San Diego	2025	MDV	Aggregate	Aggregate	Electricity	4,296.13	56,530,477.61	0.00	56,530,477.61	7,593,282.98	21,825,430.07	0.00		2.59
San Diego	2025	MDV	Aggregate	Aggregate	Plug-in Hybrid	2,943.23	51,440,756.37	23,721,408.08	27,719,348.29	4,223,078.25	8,372,069.35	881.53	26.91	3.31
San Diego	2025	MH	Aggregate	Aggregate	Gasoline	9,552.96	28,835,254.80	28,835,254.80	0.00	312,506.80	0.00	6,536.58	4.41	
San Diego	2025	MH	Aggregate	Aggregate	Diesel	4,060.71	12,739,374.90	12,739,374.90	0.00	132,785.14	0.00	1,357.32	9.39	
San Diego	2025	Motor Coach	Aggregate	Aggregate	Diesel	172.66	6,740,104.84	6,740,104.84	0.00	1,158,562.33	0.00	1,214.05	5.55	
San Diego	2025	OBUS	Aggregate	Aggregate	Gasoline	1,125.44	17,682,132.28	17,682,132.28	0.00	7,363,322.98	0.00	3,663.66	4.83	
San Diego	2025	OBUS	Aggregate	Aggregate	Electricity	5.46	174,006.65	0.00	174,006.65	35,693.97	193,022.82	0.00		0.90
San Diego	2025	PTO	Aggregate	Aggregate	Diesel	0.00	11,179,500.13	11,179,500.13	0.00	0.00	0.00	2,239.57	4.99	
San Diego	2025	PTO	Aggregate	Aggregate	Electricity	0.00	136,896.32	0.00	136,896.32	0.00	283,583.29	0.00		0.48
San Diego	2025	SBUS	Aggregate	Aggregate	Gasoline	272.40	5,166,404.48	5,166,404.48	0.00	356,302.16	0.00	515.46	10.02	
San Diego	2025	SBUS	Aggregate	Aggregate	Diesel	2,123.72	14,753,541.08	14,753,541.08	0.00	10,055,726.74	0.00	1,810.71	8.15	
San Diego	2025	SBUS	Aggregate	Aggregate	Electricity	15.74	159,930.97	0.00	159,930.97	65,442.11	168,480.18	0.00		0.95
San Diego	2025	SBUS	Aggregate	Aggregate	Natural Gas	18.99	159,526.03	159,526.03	0.00	89,894.86	0.00	26.69	5.98	
San Diego	2025	T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	8.61	175,120.24	175,120.24	0.00	61,704.00	0.00	19.47	8.99	
San Diego	2025	T6 CAIRP Class 4	Aggregate	Aggregate	Electricity	0.10	2,585.08	0.00	2,585.08	750.28	2,808.13	0.00		0.92
San Diego	2025	T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	11.40	240,624.24	240,624.24	0.00	81,740.26	0.00	26.77	8.99	
San Diego	2025	T6 CAIRP Class 5	Aggregate	Aggregate	Electricity	0.12	3,155.50	0.00	3,155.50	867.07	3,427.77	0.00		0.92
San Diego	2025	T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	38.42	624,550.33	624,550.33	0.00	275,497.58	0.00	68.41	9.13	
San Diego	2025	T6 CAIRP Class 6	Aggregate	Aggregate	Electricity	0.68	12,453.12	0.00	12,453.12	4,907.51	13,527.61	0.00		0.92
San Diego	2025	T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	63.46	3,957,871.19	3,957,871.19	0.00	454,961.88	0.00	403.19	9.82	
San Diego	2025	T6 CAIRP Class 7	Aggregate	Aggregate	Electricity	0.58	37,736.38	0.00	37,736.38	4,155.15	40,992.41	0.00		0.92
San Diego	2025	T6 Instate Delivery Class 4	Aggregate	Aggregate	Diesel	923.93	9,626,902.41	9,626,902.41	0.00	4,113,547.76	0.00	1,164.15	8.27	

8868 Southwest Village - Energy

San Diego	2025 T6 Instate Delivery Class 4	Aggregate	Aggregate	Electricity	7.44	94,908.39	0.00	94,908.39	33,141.34	101,388.65	0.00		0.94
San Diego	2025 T6 Instate Delivery Class 4	Aggregate	Aggregate	Natural Gas	15.89	174,650.25	174,650.25	0.00	70,766.66	0.00	26.47	6.60	
San Diego	2025 T6 Instate Delivery Class 5	Aggregate	Aggregate	Diesel	686.88	7,264,655.64	7,264,655.64	0.00	3,058,174.23	0.00	881.08	8.25	
San Diego	2025 T6 Instate Delivery Class 5	Aggregate	Aggregate	Electricity	5.07	64,768.36	0.00	64,768.36	22,556.99	69,190.69	0.00		0.94
San Diego	2025 T6 Instate Delivery Class 5	Aggregate	Aggregate	Natural Gas	16.46	179,561.94	179,561.94	0.00	73,272.11	0.00	27.46	6.54	
San Diego	2025 T6 Instate Delivery Class 6	Aggregate	Aggregate	Diesel	2,073.62	21,732,231.63	21,732,231.63	0.00	9,232,242.65	0.00	2,625.20	8.28	
San Diego	2025 T6 Instate Delivery Class 6	Aggregate	Aggregate	Electricity	15.35	192,672.19	0.00	192,672.19	68,336.42	205,827.67	0.00		0.94
San Diego	2025 T6 Instate Delivery Class 6	Aggregate	Aggregate	Natural Gas	43.22	471,533.32	471,533.32	0.00	192,432.16	0.00	71.61	6.58	
San Diego	2025 T6 Instate Delivery Class 7	Aggregate	Aggregate	Diesel	504.49	8,636,227.37	8,636,227.37	0.00	2,246,112.41	0.00	1,032.76	8.36	
San Diego	2025 T6 Instate Delivery Class 7	Aggregate	Aggregate	Electricity	1.80	27,182.88	0.00	27,182.88	8,005.85	29,038.90	0.00		0.94
San Diego	2025 T6 Instate Delivery Class 7	Aggregate	Aggregate	Natural Gas	4.70	83,223.67	83,223.67	0.00	20,927.75	0.00	12.49	6.66	
San Diego	2025 T6 Instate Other Class 4	Aggregate	Aggregate	Diesel	1,951.36	25,061,700.55	25,061,700.55	0.00	7,037,996.40	0.00	2,918.96	8.59	
San Diego	2025 T6 Instate Other Class 4	Aggregate	Aggregate	Electricity	17.31	254,109.92	0.00	254,109.92	62,441.38	269,377.12	0.00		0.94
San Diego	2025 T6 Instate Other Class 4	Aggregate	Aggregate	Natural Gas	33.82	477,658.40	477,658.40	0.00	121,988.57	0.00	63.30	7.55	
San Diego	2025 T6 Instate Other Class 5	Aggregate	Aggregate	Diesel	3,508.48	47,068,482.27	47,068,482.27	0.00	12,654,115.10	0.00	5,526.84	8.52	
San Diego	2025 T6 Instate Other Class 5	Aggregate	Aggregate	Electricity	25.49	376,044.96	0.00	376,044.96	91,931.89	398,638.15	0.00		0.94
San Diego	2025 T6 Instate Other Class 5	Aggregate	Aggregate	Natural Gas	91.07	1,283,504.47	1,283,504.47	0.00	328,474.11	0.00	170.26	7.54	
San Diego	2025 T6 Instate Other Class 6	Aggregate	Aggregate	Diesel	3,479.81	46,283,772.34	46,283,772.34	0.00	12,550,714.37	0.00	5,401.18	8.57	
San Diego	2025 T6 Instate Other Class 6	Aggregate	Aggregate	Electricity	26.05	379,267.38	0.00	379,267.38	93,949.25	402,054.18	0.00		0.94
San Diego	2025 T6 Instate Other Class 6	Aggregate	Aggregate	Natural Gas	95.42	1,348,974.58	1,348,974.58	0.00	344,158.68	0.00	180.17	7.49	
San Diego	2025 T6 Instate Other Class 7	Aggregate	Aggregate	Diesel	1,622.96	23,044,928.83	23,044,928.83	0.00	5,853,549.65	0.00	2,643.20	8.72	
San Diego	2025 T6 Instate Other Class 7	Aggregate	Aggregate	Electricity	9.56	208,200.91	0.00	208,200.91	34,478.68	220,709.84	0.00		0.94
San Diego	2025 T6 Instate Other Class 7	Aggregate	Aggregate	Natural Gas	10.61	183,520.33	183,520.33	0.00	38,273.88	0.00	24.26	7.56	
San Diego	2025 T6 Instate Tractor Class 6	Aggregate	Aggregate	Diesel	18.59	275,722.89	275,722.89	0.00	67,042.44	0.00	31.53	8.74	
San Diego	2025 T6 Instate Tractor Class 6	Aggregate	Aggregate	Electricity	0.21	4,020.24	0.00	4,020.24	772.94	4,261.78	0.00		0.94
San Diego	2025 T6 Instate Tractor Class 6	Aggregate	Aggregate	Natural Gas	0.38	6,638.26	6,638.26	0.00	1,359.64	0.00	0.87	7.67	
San Diego	2025 T6 Instate Tractor Class 7	Aggregate	Aggregate	Diesel	479.38	8,625,672.37	8,625,672.37	0.00	1,729,007.45	0.00	935.78	9.22	
San Diego	2025 T6 Instate Tractor Class 7	Aggregate	Aggregate	Electricity	0.86	21,165.87	0.00	21,165.87	3,100.91	22,437.54	0.00		0.94
San Diego	2025 T6 Instate Tractor Class 7	Aggregate	Aggregate	Natural Gas	2.34	50,534.68	50,534.68	0.00	8,437.52	0.00	6.55	7.71	
San Diego	2025 T6 OOS Class 4	Aggregate	Aggregate	Diesel	5.01	101,286.98	101,286.98	0.00	35,952.40	0.00	11.13	9.10	
San Diego	2025 T6 OOS Class 5	Aggregate	Aggregate	Diesel	6.61	138,947.52	138,947.52	0.00	47,389.00	0.00	15.30	9.08	
San Diego	2025 T6 OOS Class 6	Aggregate	Aggregate	Diesel	22.44	363,073.85	363,073.85	0.00	160,908.76	0.00	39.17	9.27	
San Diego	2025 T6 OOS Class 7	Aggregate	Aggregate	Diesel	34.02	2,639,998.34	2,639,998.34	0.00	243,884.38	0.00	266.67	9.90	
San Diego	2025 T6 Public Class 4	Aggregate	Aggregate	Diesel	288.47	3,099,414.78	3,099,414.78	0.00	461,720.30	0.00	402.96	7.69	
San Diego	2025 T6 Public Class 4	Aggregate	Aggregate	Electricity	2.85	38,301.50	0.00	38,301.50	4,560.29	45,230.26	0.00		0.85
San Diego	2025 T6 Public Class 4	Aggregate	Aggregate	Natural Gas	1.73	22,502.98	22,502.98	0.00	2,770.46	0.00	3.34	6.73	
San Diego	2025 T6 Public Class 5	Aggregate	Aggregate	Diesel	594.77	6,894,535.51	6,894,535.51	0.00	951,972.92	0.00	881.36	7.82	
San Diego	2025 T6 Public Class 5	Aggregate	Aggregate	Electricity	4.56	61,050.46	0.00	61,050.46	7,294.93	72,094.52	0.00		0.85
San Diego	2025 T6 Public Class 5	Aggregate	Aggregate	Natural Gas	7.58	95,322.14	95,322.14	0.00	12,129.29	0.00	14.30	6.67	
San Diego	2025 T6 Public Class 6	Aggregate	Aggregate	Diesel	422.46	4,649,577.87	4,649,577.87	0.00	676,167.53	0.00	596.83	7.79	
San Diego	2025 T6 Public Class 6	Aggregate	Aggregate	Electricity	4.06	51,733.52	0.00	51,733.52	6,491.53	61,092.14	0.00		0.85
San Diego	2025 T6 Public Class 6	Aggregate	Aggregate	Natural Gas	2.79	35,796.60	35,796.60	0.00	4,470.98	0.00	5.31	6.74	
San Diego	2025 T6 Public Class 7	Aggregate	Aggregate	Diesel	739.76	10,308,812.59	10,308,812.59	0.00	1,184,029.28	0.00	1,307.64	7.88	
San Diego	2025 T6 Public Class 7	Aggregate	Aggregate	Electricity	6.95	138,936.64	0.00	138,936.64	11,127.14	164,070.35	0.00		0.85
San Diego	2025 T6 Public Class 7	Aggregate	Aggregate	Natural Gas	6.01	97,235.05	97,235.05	0.00	9,612.95	0.00	14.09	6.90	
San Diego	2025 T6 Utility Class 5	Aggregate	Aggregate	Diesel	204.05	2,575,020.25	2,575,020.25	0.00	814,902.69	0.00	289.54	8.89	
San Diego	2025 T6 Utility Class 5	Aggregate	Aggregate	Electricity	3.52	47,672.70	0.00	47,672.70	14,041.76	53,396.45	0.00		0.89
San Diego	2025 T6 Utility Class 6	Aggregate	Aggregate	Diesel	49.19	618,068.84	618,068.84	0.00	196,449.58	0.00	69.14	8.94	
San Diego	2025 T6 Utility Class 6	Aggregate	Aggregate	Electricity	0.86	11,652.70	0.00	11,652.70	3,432.22	13,051.76	0.00		0.89
San Diego	2025 T6 Utility Class 7	Aggregate	Aggregate	Diesel	48.66	747,882.76	747,882.76	0.00	194,345.19	0.00	83.05	9.01	
San Diego	2025 T6 Utility Class 7	Aggregate	Aggregate	Electricity	0.84	16,212.29	0.00	16,212.29	3,360.68	18,158.79	0.00		0.89
San Diego	2025 T6TS	Aggregate	Aggregate	Gasoline	3,413.79	64,247,661.76	64,247,661.76	0.00	22,335,086.16	0.00	13,389.71	4.80	
San Diego	2025 T6TS	Aggregate	Aggregate	Electricity	28.24	906,819.95	0.00	906,819.95	184,731.83	1,058,646.01	0.00		0.86
San Diego	2025 T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	2,097.40	132,147,448.79	132,147,448.79	0.00	15,037,827.59	0.00	21,326.94	6.20	

8868 Southwest Village - Energy

San Diego	2025 T7 CAIRP Class 8	Aggregate	Aggregate	Electricity	25.41	1,551,122.86	0.00	1,551,122.86	182,200.23	2,832,235.67	0.00		0.55
San Diego	2025 T7 CAIRP Class 8	Aggregate	Aggregate	Natural Gas	2.29	145,318.18	145,318.18	0.00	16,418.19	0.00	25.99	5.59	
San Diego	2025 T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	1,883.64	158,244,741.73	158,244,741.73	0.00	13,505,252.80	0.00	24,822.29	6.38	
San Diego	2025 T7 NOOS Class 8	Aggregate	Aggregate	Diesel	798.23	57,487,503.77	57,487,503.77	0.00	5,723,134.86	0.00	9,236.79	6.22	
San Diego	2025 T7 Other Port Class 8	Aggregate	Aggregate	Diesel	558.87	32,375,449.28	32,375,449.28	0.00	2,852,659.03	0.00	5,413.94	5.98	
San Diego	2025 T7 Other Port Class 8	Aggregate	Aggregate	Electricity	2.29	170,351.56	0.00	170,351.56	11,684.54	310,034.25	0.00		0.55
San Diego	2025 T7 POLA Class 8	Aggregate	Aggregate	Diesel	260.18	10,212,871.00	10,212,871.00	0.00	1,328,048.37	0.00	1,760.04	5.80	
San Diego	2025 T7 POLA Class 8	Aggregate	Aggregate	Electricity	0.51	17,072.98	0.00	17,072.98	2,601.74	31,072.27	0.00		0.55
San Diego	2025 T7 Public Class 8	Aggregate	Aggregate	Diesel	1,512.59	20,382,816.18	20,382,816.18	0.00	2,420,994.78	0.00	3,862.75	5.28	
San Diego	2025 T7 Public Class 8	Aggregate	Aggregate	Electricity	10.94	219,102.08	0.00	219,102.08	17,503.37	430,005.91	0.00		0.51
San Diego	2025 T7 Public Class 8	Aggregate	Aggregate	Natural Gas	8.28	127,215.22	127,215.22	0.00	13,245.89	0.00	27.54	4.62	
San Diego	2025 T7 Single Concrete/Transit Mix Class 8	Aggregate	Aggregate	Diesel	355.89	7,684,797.66	7,684,797.66	0.00	1,045,979.58	0.00	1,294.04	5.94	
San Diego	2025 T7 Single Concrete/Transit Mix Class 8	Aggregate	Aggregate	Electricity	6.82	180,684.54	0.00	180,684.54	20,030.39	329,415.76	0.00		0.55
San Diego	2025 T7 Single Concrete/Transit Mix Class 8	Aggregate	Aggregate	Natural Gas	30.44	665,481.02	665,481.02	0.00	89,455.58	0.00	115.13	5.78	
San Diego	2025 T7 Single Dump Class 8	Aggregate	Aggregate	Diesel	875.09	15,586,116.37	15,586,116.37	0.00	2,571,927.41	0.00	2,683.84	5.81	
San Diego	2025 T7 Single Dump Class 8	Aggregate	Aggregate	Electricity	6.01	151,502.17	0.00	151,502.17	17,657.62	276,211.81	0.00		0.55
San Diego	2025 T7 Single Dump Class 8	Aggregate	Aggregate	Natural Gas	66.59	1,264,685.67	1,264,685.67	0.00	195,711.19	0.00	229.72	5.51	
San Diego	2025 T7 Single Other Class 8	Aggregate	Aggregate	Diesel	1,712.97	28,784,454.62	28,784,454.62	0.00	5,034,501.88	0.00	4,876.48	5.90	
San Diego	2025 T7 Single Other Class 8	Aggregate	Aggregate	Electricity	16.30	357,250.51	0.00	357,250.51	47,896.68	651,322.77	0.00		0.55
San Diego	2025 T7 Single Other Class 8	Aggregate	Aggregate	Natural Gas	133.19	2,316,661.93	2,316,661.93	0.00	391,448.04	0.00	410.03	5.65	
San Diego	2025 T7 SWCV Class 8	Aggregate	Aggregate	Diesel	518.50	10,507,577.01	10,507,577.01	0.00	744,149.21	0.00	4,410.29	2.38	
San Diego	2025 T7 SWCV Class 8	Aggregate	Aggregate	Electricity	10.11	192,543.05	0.00	192,543.05	14,513.53	358,236.10	0.00		0.54
San Diego	2025 T7 SWCV Class 8	Aggregate	Aggregate	Natural Gas	833.21	16,791,453.26	16,791,453.26	0.00	1,195,816.46	0.00	3,523.14	4.77	
San Diego	2025 T7 Tractor Class 8	Aggregate	Aggregate	Diesel	4,368.40	100,078,180.66	100,078,180.66	0.00	19,803,536.10	0.00	16,294.97	6.14	
San Diego	2025 T7 Tractor Class 8	Aggregate	Aggregate	Electricity	23.41	586,242.91	0.00	586,242.91	106,136.63	1,067,378.21	0.00		0.55
San Diego	2025 T7 Tractor Class 8	Aggregate	Aggregate	Natural Gas	66.67	1,508,689.63	1,508,689.63	0.00	302,248.68	0.00	282.09	5.35	
San Diego	2025 T7 Utility Class 8	Aggregate	Aggregate	Diesel	149.06	2,054,176.42	2,054,176.42	0.00	595,277.14	0.00	352.30	5.83	
San Diego	2025 T7 Utility Class 8	Aggregate	Aggregate	Electricity	0.84	16,734.37	0.00	16,734.37	3,350.01	31,507.45	0.00		0.53
San Diego	2025 T7IS	Aggregate	Aggregate	Gasoline	7.03	156,216.57	156,216.57	0.00	46,018.74	0.00	41.58	3.76	
San Diego	2025 T7IS	Aggregate	Aggregate	Electricity	0.03	2,600.62	0.00	2,600.62	165.79	5,225.81	0.00		0.50
San Diego	2025 UBUS	Aggregate	Aggregate	Gasoline	139.88	4,588,892.98	4,588,892.98	0.00	182,962.73	0.00	477.47		
San Diego	2025 UBUS	Aggregate	Aggregate	Electricity	31.98	1,291,584.30	0.00	1,291,584.30	41,835.30	2,251,546.73	0.00		
San Diego	2025 UBUS	Aggregate	Aggregate	Natural Gas	919.70	36,957,992.15	36,957,992.15	0.00	1,202,970.68	0.00	6,920.78		



8868 Southwest Village - Energy

Model Output: OFFROAD2021 (v1.0.5) Emissions Inventory

Region Type: County

Region: San Diego

Calendar Year: 2025

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 Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	Fuel Consumption	Total_Activity_hpy	Total_Population	Horsepower_Hours_hhpy	Gallons per Hour
San Diego	2025	Construction and Mining - Bore/Drill Rigs	Aggregate	Aggregate	Diesel	316,929.32	55,774.74	95.88	6,273,788.53	5.68
San Diego	2025	Construction and Mining - Cranes	Aggregate	Aggregate	Diesel	290,407.11	64,866.75	256.45	5,478,101.49	4.48
San Diego	2025	Construction and Mining - Crawler Tractors	Aggregate	Aggregate	Diesel	816,561.01	168,484.82	401.47	16,173,283.70	4.85
San Diego	2025	Construction and Mining - Excavators	Aggregate	Aggregate	Diesel	2,601,259.81	876,767.91	1,514.79	50,790,885.68	2.97
San Diego	2025	Construction and Mining - Graders	Aggregate	Aggregate	Diesel	380,663.41	85,632.14	235.17	7,385,887.54	4.45
San Diego	2025	Construction and Mining - Misc - Concrete/Industrial Saws	Aggregate	Aggregate	Diesel	3,715.43	2,679.10	6.87	88,410.30	1.39
San Diego	2025	Construction and Mining - Misc - Signal Boards	Aggregate	Aggregate	Diesel	2,707.02	992.80	374.52	36,733.60	2.73
San Diego	2025	Construction and Mining - Off-Highway Tractors	Aggregate	Aggregate	Diesel	463,531.79	138,959.83	183.25	9,101,169.53	3.34
San Diego	2025	Construction and Mining - Off-Highway Trucks	Aggregate	Aggregate	Diesel	1,083,392.00	126,477.48	163.31	22,141,214.74	8.57
San Diego	2025	Construction and Mining - Pavers	Aggregate	Aggregate	Diesel	167,459.26	51,562.34	106.49	3,250,592.32	3.25
San Diego	2025	Construction and Mining - Paving Equipment	Aggregate	Aggregate	Diesel	185,750.57	58,263.77	110.95	3,630,398.72	3.19
San Diego	2025	Construction and Mining - Rollers	Aggregate	Aggregate	Diesel	442,711.46	235,494.69	537.59	8,417,901.57	1.88
San Diego	2025	Construction and Mining - Rough Terrain Forklifts	Aggregate	Aggregate	Diesel	549,135.81	250,094.02	613.27	10,536,382.23	2.20
San Diego	2025	Construction and Mining - Rubber Tired Dozers	Aggregate	Aggregate	Diesel	95,063.32	17,674.21	33.42	2,003,240.08	5.38
San Diego	2025	Construction and Mining - Rubber Tired Loaders	Aggregate	Aggregate	Diesel	1,898,084.49	482,372.37	704.65	37,598,201.90	3.93
San Diego	2025	Construction and Mining - Scrapers	Aggregate	Aggregate	Diesel	980,470.73	111,611.80	353.29	20,387,969.27	8.78
San Diego	2025	Construction and Mining - Skid Steer Loaders	Aggregate	Aggregate	Diesel	899,736.16	594,778.32	1,310.54	16,210,871.52	1.51
San Diego	2025	Construction and Mining - Surfacing Equipment	Aggregate	Aggregate	Diesel	87,933.91	18,369.72	31.37	1,745,866.66	4.79
San Diego	2025	Construction and Mining - Tractors/Loaders/Backhoes	Aggregate	Aggregate	Diesel	2,544,497.53	1,160,664.11	2,262.14	47,900,225.54	2.19
San Diego	2025	Construction and Mining - Trenchers	Aggregate	Aggregate	Diesel	88,513.22	32,698.82	100.52	1,672,436.87	2.71
San Diego	2025	Light Commercial - Misc - Air Compressors	Aggregate	Aggregate	Diesel	81,809.80	73,365.00	105.96	2,714,505.00	1.12
San Diego	2025	Light Commercial - Misc - Generator Sets	Aggregate	Aggregate	Diesel	390,123.82	147,682.65	1,346.38	4,873,527.45	2.64
San Diego	2025	Light Commercial - Misc - Pressure Washers	Aggregate	Aggregate	Diesel	2,023.09	1,518.40	40.37	57,699.20	1.33
San Diego	2025	Light Commercial - Misc - Pumps	Aggregate	Aggregate	Diesel	215,271.10	77,098.95	703.58	2,852,661.15	2.79
San Diego	2025	Light Commercial - Misc - Welders	Aggregate	Aggregate	Diesel	426,537.59	289,302.65	785.59	13,307,921.90	1.47