

## **Appendix D      Energy Calculations**

## Appendices

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## Construction-Related Fuel/Energy Usage

### CONSTRUCTION WORKER COMMUTE

Year	Gas		Diesel		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	kWh
2020	176,292	6,661	1,299	32	1,517	507
2021	279,101	10,272	2,117	51	2,924	969
<b>Total</b>	<b>455,394</b>	<b>16,933</b>	<b>3,416</b>	<b>83</b>	<b>4,440</b>	<b>1,476</b>

### CONSTRUCTION VENDOR TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
2020	3,435	733	42,199	5,799
2021	5,417	1,136	66,672	8,973
<b>Total</b>	<b>8,852</b>	<b>1,869</b>	<b>108,871</b>	<b>14,771</b>

### CONSTRUCTION TRUCK HAUL TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
2020	8	2	7,641	1,232
2021	0	0	0	0
<b>Total</b>	<b>8</b>	<b>2</b>	<b>7,641</b>	<b>1,232</b>

### CONSTRUCTION OFF-ROAD EQUIPMENT

Year	Gasoline gallons	Diesel gallons
2020	0	15,935
2021	0	16,354
<b>Total</b>	<b>0</b>	<b>32,289</b>





### Truck Haul Trips Fuel Usage Worksheet

Note: Hauling vehicles are HHDT (T7)

Activity	Total Trips <sup>1</sup>	Mi/Trip <sup>1</sup>	Annual VMT
2020			
Demolition Haul	389	20	7,780
			0
			0
			0
			0
2021			
			0
			0
			0
2022			
			0
			0
			0
			0
			0

<sup>1</sup> Based on information provided.

<sup>2</sup> Based on CalEEMod defaults.

Year	VMT	Gasoline <sup>1</sup>		Diesel <sup>1</sup>	
		HHDT (T7) mpg	HHDT (T7) gallons	HHDT (T7) mpg	HHDT (T7) gallons
2020	7,780	3.90	2	6.20	1,232

Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
8	2	7,641	1,232
0	0	0	0
0	0	0	0
<b>8</b>	<b>2</b>	<b>7,641</b>	<b>1,232</b>

<sup>1</sup> EMFAC2017 v1.0.2.

Year	VMT from gasoline	VMT from diesel
2020	0.11%	98.22%

Off-Road Construction Equipment Fuel Usage Worksheet

Year	Total Gasoline	Total Diesel	Total Natural Gas
	Gallons		
2020	0	15,935	0
2021	0	16,354	0
<b>Total</b>	<b>0</b>	<b>32,289</b>	<b>0</b>

Equipment Type <sup>1</sup>	Number of Equipment <sup>2</sup>	Horsepower	OFFROAD2017 Horsepower Category	Fuel Type	Working days <sup>1</sup>	Hours Per Day	Total Hours of Operation	Gasoline Gal/Hr <sup>2</sup>	Total Gasoline gallons	Diesel Gal/Hr <sup>2</sup>	Total Diesel gallons	Natural Gas Gal/Hr <sup>2</sup>	Total Natural Gas gallons	
														2020
<b>Demolition</b>														
Concrete/Industrial Saws	1	81	100	Diesel	20	8	160	0.00	0	0.00	0	0.00	0	
Excavators	3	158	175	Diesel	20	8	480	0.00	0	2.89	1,385	0.00	0	
Rubber Tired Dozers	2	247	300	Diesel	20	8	320	0.00	0	4.46	1,429	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
<b>Demolition Haul</b>														
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
<b>Site Preparation</b>														
Rubber Tired Dozers	3	247	300	Diesel	10	8	240	0.00	0	4.46	1,072	0.00	0	
Tractors/Loaders/Backhoes	4	97	100	Diesel	10	8	320	0.00	0	1.59	508	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
<b>Grading</b>														
Excavators	1	158	175	Diesel	20	8	160	0.00	0	2.89	462	0.00	0	
Graders	1	187	300	Diesel	20	8	160	0.00	0	4.58	734	0.00	0	
Rubber Tired Dozers	1	247	300	Diesel	20	8	160	0.00	0	4.46	714	0.00	0	
Tractors/Loaders/Backhoes	3	97	100	Diesel	20	8	480	0.00	0	1.59	762	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
<b>Utility Trenching</b>														
Excavators	1	158	175	Diesel	10	8	80	0.00	0	2.89	231	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	10		0	0.00	0	0.00	0	0.00	0	
<b>Building Construction</b>														
Cranes	1	231	300	Diesel	94	7	658	0.00	0	3.31	2,179	0.00	0	
Forklifts	3	89	100	Diesel	94	8	2,256	0.00	0	1.08	2,428	0.00	0	
Generator Sets	1	84	100	Diesel	94	8	752	0.00	0	0.00	0	0.00	0	
Tractors/Loaders/Backhoes	3	97	100	Diesel	94	7	1,974	0.00	0	1.59	3,135	0.00	0	
Welders	1	46	50	Diesel	94	8	752	0.00	0	1.19	896	0.00	0	
Select Equipment Type			25	Select Fuel Type	94		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	94		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	94		0	0.00	0	0.00	0	0.00	0	
<b>TOTAL</b>														
										<b>0</b>	<b>15,935</b>	<b>0</b>		
<b>2021</b>														
<b>Building Construction</b>														
Cranes	1	231	300	Diesel	151	7	1,057	0.00	0	3.29	3,476	0.00	0	
Forklifts	3	89	100	Diesel	151	8	3,624	0.00	0	1.08	3,917	0.00	0	
Generator Sets	1	84	100	Diesel	151	8	1,208	0.00	0	0.00	0	0.00	0	
Tractors/Loaders/Backhoes	3	97	100	Diesel	151	7	3,171	0.00	0	1.59	5,038	0.00	0	
Welders	1	46	50	Diesel	151	8	1,208	0.00	0	1.19	1,438	0.00	0	
Select Equipment Type			25	Select Fuel Type	151		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	151		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	151		0	0.00	0	0.00	0	0.00	0	
<b>Paving</b>														
Pavers	2	130	175	Diesel	20	8	320	0.00	0	3.40	1,087	0.00	0	
Paving Equipment	2	132	175	Diesel	20	8	320	0.00	0	2.67	856	0.00	0	
Rollers	2	80	100	Diesel	20	8	320	0.00	0	1.69	542	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
<b>Architectural Coating</b>														
Air Compressors	1	78	100	Diesel	20	6	120	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
Select Equipment Type			25	Select Fuel Type	20		0	0.00	0	0.00	0	0.00	0	
										<b>TOTAL</b>	<b>0</b>	<b>16,354</b>	<b>0</b>	

<sup>1</sup> Based on CalEEMod equipment mix of normalized default schedule, construction dates provided by applicant  
<sup>2</sup> OFFROAD2017 v.1.0.1











San Diego (SD)	2020 Portable Equipment - Non-Rental Generator	Aggregated	9999 Diesel	0.02189733	0.02580245	0.01856691	0.00642425	0.00317993	29.5154233	0.00026555	0.00057201	0.00026555	0.00027802	0.00024139	93959.4526	3899.7288	29.6426329	635028.41
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	75 Diesel	3.89046E-05	4.74846E-05	5.62028E-05	0.00024971	0.00020033	0.00034268	7.84895E-06	7.27112E-06	7.84895E-06	2.42035E-07	2.10707E-07	0.00000000	1.84261444	5.517E-06	1.84261444
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	75 Diesel	0.00027545	0.00021231	0.00029229	0.00094963	0.00029849	0.00088053	2.52002E-05	8.53046E-05	9.20002E-05	5.72895E-06	5.09494E-06	2011.14679	1621.6373	62.307961	132766.756
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	100 Diesel	0.00021245	0.00021027	0.00029179	0.00041314	0.00012823	0.00042522	0.00004556	0.00004556	1.4249E-05	1.08113E-05	7620.80000	5.00848E-05	4.90914851	179.050166	496852.129
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	175 Diesel	0.00020104	0.00145382	0.00179246	0.00044518	0.00020209	0.00041022	0.00001639	0.00001639	0.00004830	0.00004830	4.43984E-05	1.7084.7925	8476.4643	265.631219	1616134.13
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	300 Diesel	0.00020821	0.00020821	0.00020821	0.00020821	0.00020821	0.00020821	0.00020821	0.00020821	0.00020821	0.00020821	0.00020821	2.70795E-05	1074.968	1023.6377	1023.6377
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	600 Diesel	0.00021534	0.00020279	0.00020911	0.00020658	0.00033808	0.00020925	0.00020486	0.00020486	0.00020486	1.9320E-05	1.72373E-05	6884.8334	9791.16044	11.5282881	421805.943
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	750 Diesel	0.00020501	0.00020606	0.00020881	0.00020837	0.00047485	0.00020837	0.00020837	0.00020837	0.00020837	1.25028E-05	2.09448E-05	4128.0081	3484.5274	12.9412556	271746.74
San Diego (SD)	2020 Portable Equipment - Non-Rental Other Portable Equipment	Aggregated	9999 Diesel	0.00021453	0.00020281	0.00021244	0.00020608	0.00018101	0.00020608	0.00020608	0.00020608	0.00020608	0.00020608	1.50083E-05	1.50083E-05	2447.79547	17.9866474	509862.704
San Diego (SD)	2020 Portable Equipment - Non-Rental Pump	Aggregated	75 Diesel	8.42104E-05	0.00014667	0.00020149	0.00020406	0.00021713	0.00020965	5.45076E-05	5.00041E-05	5.45076E-05	0.021020E-06	2.61823E-06	1084.1025	9812.09228	15.3208361	698718.474
San Diego (SD)	2020 Portable Equipment - Non-Rental Pump	Aggregated	100 Diesel	0.00020937	0.00021213	0.00020035	0.00020238	0.00018801	0.00020238	0.00018956	0.00018956	0.00018956	9.71013E-06	8.19632E-06	1471.4775	15.4603748	27085.9613	147165.106
San Diego (SD)	2020 Portable Equipment - Non-Rental Pump	Aggregated	300 Diesel	0.00021413	0.00021768	0.00020932	0.00021021	0.00018911	0.00020922	0.00011906	0.00010203	0.00011906	9.70406E-06	8.17446E-06	14020.1276	9111.22883	24.9777551	24.9777551
San Diego (SD)	2020 Portable Equipment - Non-Rental Pump	Aggregated	600 Diesel	0.00020726	0.00012869	0.00020343	0.00020617	0.00077788	0.00020324	0.00038702	0.00017409	0.00038702	1.13205E-05	1.13684E-05	4600.0711	5071.14131	19.3012485	300448.41
San Diego (SD)	2020 Portable Equipment - Non-Rental Pump	Aggregated	750 Diesel	1.60894E-05	3.71424E-05	4.45138E-05	0.00021901	0.00060877	0.00020944	2.47004E-05	2.47004E-05	1.2000E-06	1.00042E-06	4115.20088	106.41874	1.61037151	17800.018	
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	9999 Diesel	1.61209E-05	7.47128E-05	8.81466E-05	0.00087795	0.00018714	0.00020783	1.50048E-05	4.40376E-05	5.00048E-05	3.07802E-06	3.07802E-06	1221.6215	700.483748	2.2807763	609649.495
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	75 Diesel	1.12333E-05	1.36474E-05	1.45232E-05	0.00021505	0.00010757	0.00020934	1.48448E-06	3.20291E-06	3.48148E-06	2.10020E-07	2.10020E-07	1006.8093	1176.48433	2.8007163	5076.6664
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	75 Diesel	8.26177E-05	9.96746E-05	0.00018849	0.00027443	0.00014847	0.00021137	1.27941E-05	0.0002105E-05	3.27491E-05	2.14931E-06	2.08612E-06	8226.83276	7647.18831	14.82179139	541313.072
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	100 Diesel	2.61232E-05	3.24870E-05	3.20377E-05	0.00020403	0.00048437	0.00020403	2.82327E-05	2.82327E-05	2.15698E-06	2.15698E-06	4122.97882	3236.42037	8.8402608	3052.1244	
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	175 Diesel	0.00020434	0.00020484	0.00020549	0.00020668	0.00049793	0.00020484	0.00020484	0.00020484	0.00020484	1.09538E-05	9.48399E-06	3864.3133	6844.027	35.9482362	213949.802
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	300 Diesel	0.00020939	0.00021251	0.00020477	0.00021077	0.00020802	0.00021041	0.00020802	0.00020802	0.00020802	8.53888E-06	0.00020802	8.53888E-06	14663.7757	7671.18811	14.82179139
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	600 Diesel	0.00020475	0.00020477	0.00020476	0.00020453	0.00020804	0.00020453	0.00020453	0.00020453	0.00020453	2.08045E-05	2.08045E-05	94114.0501	1164.43162	12.6218167	12.6218167
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	750 Diesel	1.84602E-05	4.45247E-05	5.51838E-05	0.00020406	0.00020627	0.00021271	4.01732E-05	3.69195E-05	2.00048E-06	1.77056E-06	7038.09271	588.24762	1.54017765	46669.9148	
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	9999 Diesel	4.88996E-05	5.13181E-05	6.2148E-05	0.00061941	0.00051766	0.00070827	2.70986E-05	2.70986E-05	5.64020E-07	5.03654E-07	2002.09273	328.55688	2.8027763	14897.815	
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	75 Diesel	0.00212863	0.00049902	0.00178058	0.00034041	0.00479826	0.00024077	0.00020593	0.00020593	0.00020593	2.42369E-05	2.42369E-05	8138.21095	8388.0023	58.1470256	562843.305
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	100 Diesel	0.00049104	0.00041844	0.00123616	0.00071286	0.00038848	0.00096023	0.00041846	0.00038083	0.00041846	3.81292E-05	3.80995E-05	13390.1001	8824.11287	62.7071781	884522.181
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	175 Diesel	0.00237948	0.00012254	0.00024214	0.00041749	0.00012254	0.00040318	0.000445025	0.000445025	0.000445025	7.02120E-05	6.21485E-05	24708.1204	100071.823	17.5297241	1600911.64
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	300 Diesel	0.00237947	0.00033261	0.00030060	0.00031449	0.00116405	0.00092393	0.00090028	0.00090028	0.00090028	4.65870E-05	4.07075E-05	16213.3214	4176.00208	29.4652819	1075763.06
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	600 Diesel	0.00018454	0.00027189	0.00176613	0.00078783	0.00021549	0.00020461	0.00018454	0.00020461	0.00020461	0.00020461	0.00020461	10048.8949	8188.0313	18.1420256	1746157.84
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	750 Diesel	0.00066984	0.00020572	0.00069850	0.00020574	0.00139289	0.00020574	0.00020574	0.00020574	0.00020574	1.37110E-05	1.12121E-05	46186.7943	4812.23562	1.84291444	138152.415
San Diego (SD)	2020 Portable Equipment - Rental Generator	Aggregated	9999 Diesel	0.00049391	0.00474627	0.00043661	0.00074442	0.00074442	0.00074442	0.00074442	0.00074442	0.00074442	0.00021392	0.00021392	1480882.139	56142.24319	39.0548232	977096.96
San Diego (SD)	2020 Portable Equipment - Rental Other Portable Equipment	Aggregated	75 Diesel	0.00021462	0.00020278	0.00020278	0.00021582	0.00020278	0.00020278	5.97776E-05	5.97776E-05	5.97776E-05	2.22448E-06	2.48661E-06	9567.8368	833.81444	6.8480889	63874.81
San Diego (SD)	2020 Portable Equipment - Rental Other Portable Equipment	Aggregated	100 Diesel	0.00037091	0.00040788	0.00048411	0.00018461	0.00092801	0.00042049	0.000209339	0.000209339	0.000209339	6.61821E-06	2629.9279	19422.4673	15.9102941	1736393.963	
San Diego (SD)	2020 Portable Equipment - Rental Other Portable Equipment	Aggregated	175 Diesel	0.00063989	0.00077903	0.00091209	0.00114409	0.00179103	0.00027907	0.00020873	0.00020873	0.00020873	1.70118E-05	1.56468E-05	3974.2612	2913.7024	23.9480813	304671.885
San Diego (SD)	2020 Portable Equipment - Rental Other Portable Equipment	Aggregated	300 Diesel	0.00021257	0.00075424	0.00094451	0.00042921	0.00181008	0.00017247	0.00010388	0.00017247	1.70118E-05	1.56468E-05	6121.7494	1661.82888	1.54031784	40461.894	
San Diego (SD)	2020 Portable Equipment - Rental Other Portable Equipment	Aggregated	600 Diesel	0.00088026	0.00083809	0.00099073	0.00016885	0.00083117	1.50045798	0.00013221	0.00010004	0.00013221	1.40300E-05	1.40906E-05	4939.80262	6936.35056	5.0009074	326195.486
San Diego (SD)	2020 Portable Equipment - Rental Other Portable Equipment	Aggregated	750 Diesel	0.00020475	0.00013008	0.0001862	0.00088255	0.00048189	0.00040269	0.00040269	0.00040269	0.00040269	1.72212E-06	1.4796.4448	4.20966E-06	1.807.13079	1.807.13079	
San Diego (SD)	2020 Portable Equipment - Rental Pump	Aggregated	9999 Diesel	0.0011293	0.00139642	0.00132839	0.00154822	0.00071746	0.00081223	0.00087986	0.00087986	7.77948E-05	6.8709E-05	7712.1512	1240.5093	12.5115106	1801099.24	
San Diego (SD)	2020 Portable Equipment - Rental Pump	Aggregated	75 Diesel	9.73977E-05	0.00011781	0.00044610	0.00040670	0.00041729	0.00003014	3.77688E-05	3.77688E-05	2.62366E-06	2.11877E-06	927.00511	6081.2137	1.61037151	97491.700	
San Diego (SD)	2020 Portable Equipment - Rental Pump	Aggregated	100 Diesel	0.00020473	0.00017813	0.00041121	0.00080749	0.00048413	1.12399272	0.00070406	0.00034962	0.00037606	1.02750E-05	9.18372E-06	3454.4084	2907.0302	2.6544313	24074.79
San Diego (SD)	2020 Portable Equipment - Rental Pump	Aggregated	175 Diesel	0.00021888	0.00026453	0.00021119	0.00051389	0.00027724	0.00020934	0.00020934	0.00020934	0.00020934	0.00020934	0.00020934	1.77020E-05	1.77020E-05	1.29821378	1.29821378
San Diego (SD)	2020 Portable Equipment - Rental Pump	Aggregated	300 Diesel	9.44543E-05	0.00013429	0.00013824	0.00083798	9.13383E-05	0.38103442	7.90238E-06	2.77021E-06	7.90238E-06	1.80142913	2.86077E-06	2.86077E-06	2463.84823	1.84013444	77937.2212
San Diego (SD)	2020 Portable Equipment - Rental Pump	Aggregated	600 Diesel	7.71318E-05	0.00021188	0.00021188	0.00021188	0.00021188	0.00021188	4.28098E-05	3.89765E-05	2.80976E-06	2.80976E-06	1.54134884	1081.39441	1.40137412	37233.4612	
San Diego (SD)	2020 TRU - Inmate General TRU	Aggregated	50 Diesel	0.00295459	0.00236444	0.00028203	0.00086241	0.00093175	0.00010386	0.00011313	0.00012008	0						

OFFROAD 2021

Equipment Type	Horserpower	Gas	Diesel	Natural Gas
HP	Fuel (Gal/Yr)	Population	Fuel (Gal/Yr)	Population
Air Compressor25	Air Compressor	25	14242.63	6274.91
Air Compressor50	Air Compressor	50	42548.05	18218.38
Air Compressor75	Air Compressor	75	63817.28	27327.57
Air Compressor100	Air Compressor	100	85146.51	36336.76
Air Compressor150	Air Compressor	150	127719.76	54505.14
Air Compressor200	Air Compressor	200	170293.01	72673.52
Air Compressor300	Air Compressor	300	255439.52	108010.28
Air Compressor400	Air Compressor	400	340586.03	144013.71
Air Compressor500	Air Compressor	500	425732.54	180018.28
Air Compressor750	Air Compressor	750	638118.81	273275.42
Air Compressor999	Air Compressor	9999	3578819.52	1528500.00
Boat/Drill rig25	Boat/Drill rig	25	3364.95	20.60
Boat/Drill rig50	Boat/Drill rig	50	6729.90	41.20
Boat/Drill rig75	Boat/Drill rig	75	10094.85	61.80
Boat/Drill rig100	Boat/Drill rig	100	13459.80	82.40
Boat/Drill rig150	Boat/Drill rig	150	20189.70	123.60
Boat/Drill rig200	Boat/Drill rig	200	26919.60	164.80
Boat/Drill rig300	Boat/Drill rig	300	40379.40	247.20
Boat/Drill rig400	Boat/Drill rig	400	53839.20	329.60
Boat/Drill rig500	Boat/Drill rig	500	67299.00	412.00
Boat/Drill rig750	Boat/Drill rig	750	100948.50	618.40
Boat/Drill rig999	Boat/Drill rig	9999	672990.00	4120.00
Cement and Mortar Mixer25	Cement and Mortar Mixer	25	11150.00	3118.00
Cement and Mortar Mixer50	Cement and Mortar Mixer	50	22300.00	6236.00
Cement and Mortar Mixer75	Cement and Mortar Mixer	75	33450.00	9354.00
Cement and Mortar Mixer100	Cement and Mortar Mixer	100	44600.00	12472.00
Cement and Mortar Mixer150	Cement and Mortar Mixer	150	66900.00	18708.00
Cement and Mortar Mixer200	Cement and Mortar Mixer	200	89200.00	24944.00
Cement and Mortar Mixer300	Cement and Mortar Mixer	300	133800.00	37416.00
Cement and Mortar Mixer400	Cement and Mortar Mixer	400	178400.00	50888.00
Cement and Mortar Mixer500	Cement and Mortar Mixer	500	223000.00	64360.00
Cement and Mortar Mixer750	Cement and Mortar Mixer	750	334500.00	93544.00
Cement and Mortar Mixer999	Cement and Mortar Mixer	9999	2230000.00	623600.00
Concrete/Industrial Saws	Concrete/Industrial Saws	25	9648.64	419.11
Concrete/Industrial Saws50	Concrete/Industrial Saws	50	19297.28	838.22
Concrete/Industrial Saws75	Concrete/Industrial Saws	75	28945.92	1257.33
Concrete/Industrial Saws100	Concrete/Industrial Saws	100	38594.56	1676.44
Concrete/Industrial Saws150	Concrete/Industrial Saws	150	57891.84	2514.66
Concrete/Industrial Saws200	Concrete/Industrial Saws	200	77189.12	3352.87
Concrete/Industrial Saws300	Concrete/Industrial Saws	300	115783.68	5029.30
Concrete/Industrial Saws400	Concrete/Industrial Saws	400	154278.24	6705.73
Concrete/Industrial Saws500	Concrete/Industrial Saws	500	192972.80	8382.16
Concrete/Industrial Saws750	Concrete/Industrial Saws	750	289467.36	12573.24
Concrete/Industrial Saws999	Concrete/Industrial Saws	9999	2894673.60	125732.40
Cranes25	Cranes	25	25	0.00
Cranes50	Cranes	50	50	0.00
Cranes75	Cranes	75	75	0.00
Cranes100	Cranes	100	100	0.00
Cranes150	Cranes	150	150	0.00
Cranes200	Cranes	200	200	0.00
Cranes300	Cranes	300	300	0.00
Cranes400	Cranes	400	400	0.00
Cranes500	Cranes	500	500	0.00
Cranes750	Cranes	750	750	0.00
Cranes999	Cranes	9999	9999	0.00
Crawler Tractor25	Crawler Tractor	25	11000.00	3118.00
Crawler Tractor50	Crawler Tractor	50	22000.00	6236.00
Crawler Tractor75	Crawler Tractor	75	33000.00	9354.00
Crawler Tractor100	Crawler Tractor	100	44000.00	12472.00
Crawler Tractor150	Crawler Tractor	150	66000.00	18708.00
Crawler Tractor200	Crawler Tractor	200	88000.00	24944.00
Crawler Tractor300	Crawler Tractor	300	132000.00	37376.00
Crawler Tractor400	Crawler Tractor	400	176000.00	49808.00
Crawler Tractor500	Crawler Tractor	500	220000.00	62240.00
Crawler Tractor750	Crawler Tractor	750	330000.00	93360.00
Crawler Tractor999	Crawler Tractor	9999	3300000.00	933600.00
Crushing/Proc. Equipment25	Crushing/Proc. Equipment	25	1492.85	5.21
Crushing/Proc. Equipment50	Crushing/Proc. Equipment	50	2985.70	10.42
Crushing/Proc. Equipment75	Crushing/Proc. Equipment	75	4478.55	15.63
Crushing/Proc. Equipment100	Crushing/Proc. Equipment	100	5971.40	20.84
Crushing/Proc. Equipment150	Crushing/Proc. Equipment	150	8957.10	31.26
Crushing/Proc. Equipment200	Crushing/Proc. Equipment	200	11942.80	41.68
Crushing/Proc. Equipment300	Crushing/Proc. Equipment	300	17914.20	62.52
Crushing/Proc. Equipment400	Crushing/Proc. Equipment	400	23885.60	83.36
Crushing/Proc. Equipment500	Crushing/Proc. Equipment	500	29857.00	104.20
Crushing/Proc. Equipment750	Crushing/Proc. Equipment	750	44785.50	156.30
Crushing/Proc. Equipment999	Crushing/Proc. Equipment	9999	447855.00	1563.00
Dumper/Tractor25	Dumper/Tractor	25	10641.65	207.90
Dumper/Tractor50	Dumper/Tractor	50	21283.30	415.80
Dumper/Tractor75	Dumper/Tractor	75	31924.95	623.70
Dumper/Tractor100	Dumper/Tractor	100	42566.60	831.60
Dumper/Tractor150	Dumper/Tractor	150	63849.90	1247.40
Dumper/Tractor200	Dumper/Tractor	200	85133.20	1661.20
Dumper/Tractor300	Dumper/Tractor	300	127700.10	2491.80
Dumper/Tractor400	Dumper/Tractor	400	170267.00	3322.40
Dumper/Tractor500	Dumper/Tractor	500	212833.90	4152.40
Dumper/Tractor750	Dumper/Tractor	750	319249.35	6238.20
Dumper/Tractor999	Dumper/Tractor	9999	3192493.50	62382.00
Excavator25	Excavators	25	5111.11	1.56
Excavator50	Excavators	50	10222.22	3.12
Excavator75	Excavators	75	15333.33	4.68
Excavator100	Excavators	100	20444.44	6.25
Excavator150	Excavators	150	30666.67	9.37
Excavator200	Excavators	200	40888.89	12.50
Excavator300	Excavators	300	61333.33	18.75
Excavator400	Excavators	400	81777.78	25.00
Excavator500	Excavators	500	102222.22	31.25
Excavator750	Excavators	750	153333.33	46.88
Excavator999	Excavators	9999	1533333.33	468.75
Forklift25	Forklifts	25	1061.26	7.5
Forklift50	Forklifts	50	2122.52	15.00
Forklift75	Forklifts	75	3183.78	22.50
Forklift100	Forklifts	100	4245.04	30.00
Forklift150	Forklifts	150	6367.56	45.00
Forklift200	Forklifts	200	8489.08	60.00
Forklift300	Forklifts	300	12733.62	90.00
Forklift400	Forklifts	400	16978.16	120.00
Forklift500	Forklifts	500	21222.70	150.00
Forklift750	Forklifts	750	31834.05	225.00
Forklift999	Forklifts	9999	318340.50	2250.00
Generator 40/25	Generator Sets	25	203775.65	2507.98
Generator Set50	Generator Sets	50	407551.30	5015.96
Generator Set75	Generator Sets	75	611326.95	7523.94
Generator Set100	Generator Sets	100	815102.60	10031.92
Generator Set150	Generator Sets	150	1222653.90	15047.88
Generator Set200	Generator Sets	200	1630305.20	20063.84
Generator Set300	Generator Sets	300	2445457.80	30095.76
Generator Set400	Generator Sets	400	3260610.40	40127.68
Generator Set500	Generator Sets	500	4075763.00	50159.60
Generator Set750	Generator Sets	750	6113539.50	75239.40
Generator Set999	Generator Sets	9999	61135395.00	752394.00
Graders25	Graders	25	25	0.00
Graders50	Graders	50	50	0.00
Graders75	Graders	75	75	0.00
Graders100	Graders	100	100	0.00
Graders150	Graders	150	150	0.00
Graders200	Graders	200	200	0.00
Graders300	Graders	300	300	0.00
Graders400	Graders	400	400	0.00
Graders500	Graders	500	500	0.00
Graders750	Graders	750	750	0.00
Graders999	Graders	9999	9999	0.00
Pavers25	Pavers	25	9088.51	20.26
Pavers50	Pavers	50	18177.02	40.52
Pavers75	Pavers	75	27265.53	60.78
Pavers100	Pavers	100	36354.04	81.04
Pavers150	Pavers	150	54531.06	121.56
Pavers200	Pavers	200	72708.08	162.08
Pavers300	Pavers	300	108912.12	243.12
Pavers400	Pavers	400	145126.16	324.16
Pavers500	Pavers	500	181340.20	405.20
Pavers750	Pavers	750	272010.30	607.80
Pavers999	Pavers	9999	2720103.00	6078.00
Paving Equipment25	Paving Equipment	25	12923.22	221.74
Paving Equipment50	Paving Equipment	50	25846.44	443.48
Paving Equipment75	Paving Equipment	75	38769.66	665.22
Paving Equipment100	Paving Equipment	100	51692.88	886.96
Paving Equipment150	Paving Equipment	150	77539.32	1330.44
Paving Equipment200	Paving Equipment	200	103385.76	1773.92
Paving Equipment300	Paving Equipment	300	155078.64	2660.88
Paving Equipment400	Paving Equipment	400	206771.52	3547.84
Paving Equipment500	Paving Equipment	500	275695.36	4729.76
Paving Equipment750	Paving Equipment	750	413543.04	7109.64
Paving Equipment999	Paving Equipment	9999	4135430.40	71096.40
Rollers25	Rollers	25	4483.15	239.88
Rollers50	Rollers	50	8966.30	479.76
Rollers75	Rollers	75	13449.45	719.64
Rollers100	Rollers	100	17912.60	959.52
Rollers150	Rollers	150	26868.90	1439.28
Rollers200	Rollers	200	35825.20	1919.04
Rollers300	Rollers	300	53737.80	2828.56
Rollers400	Rollers	400	71650.40	3738.08
Rollers500	Rollers	500	89563.00	4647.60
Rollers750	Rollers	750	134344.50	6971.40
Rollers999	Rollers	9999	1343445.00	69714.00
Rough Terrain Forklift25	Rough Terrain Forklifts	25	1200.00	8.87
Rough Terrain Forklift50	Rough Terrain Forklifts	50	2400.00	17.74
Rough Terrain Forklift75	Rough Terrain Forklifts	75	3600.00	26.61
Rough Terrain Forklift100	Rough Terrain Forklifts	100	4800.00	35.48
Rough Terrain Forklift150	Rough Terrain Forklifts	150	7200.00	53.22
Rough Terrain Forklift200	Rough Terrain Forklifts	200	9600.00	70.96
Rough Terrain Forklift300	Rough Terrain Forklifts	300	14400.00	106.44
Rough Terrain Forklift400	Rough Terrain Forklifts	400	19200.00	141.92
Rough Terrain Forklift500	Rough Terrain Forklifts	500	24000.00	177.40
Rough Terrain Forklift750	Rough Terrain Forklifts	750	36000.00	266.10
Rough Terrain Forklift999	Rough Terrain Forklifts	9999	360000.00	2661.00
Rubber Tired Dozers25	Rubber Tired Dozers	25	75	0.00
Rubber Tired Dozers50	Rubber Tired Dozers	50	150	0.00
Rubber Tired Dozers75	Rubber Tired Dozers	75	225	0.00
Rubber Tired Dozers100	Rubber Tired Dozers	100	300	0.00
Rubber Tired Dozers150	Rubber Tired Dozers	150	450	0.00
Rubber Tired Dozers200	Rubber Tired Dozers	200	600	0.00
Rubber Tired Dozers300	Rubber Tired Dozers	300	900	0.00
Rubber Tired Dozers400	Rubber Tired Dozers	400	1200	0.00
Rubber Tired Dozers500	Rubber Tired Dozers	500	1500	0.00
Rubber Tired Dozers750	Rubber Tired Dozers	750	2250	0.00
Rubber Tired Dozers999	Rubber Tired Dozers	9999	22500.00	1500.00
Scrapers25	Scrapers	25	25	0.00
Scrapers50	Scrapers	50	50	0.00
Scrapers75	Scrapers	75	75	0.00
Scrapers100	Scrapers	100	100	0.00
Scrapers150	Scrapers	150	150	0.00
Scrapers200	Scrapers	200	200	0.00
Scrapers300	Scrapers	300	300	0.00
Scrapers400	Scrapers	400	400	0.00
Scrapers500	Scrapers	500	500	0.00
Scrapers750	Scrapers	750	750	0.00
Scrapers999	Scrapers	9999	9999	0.00
Skid Steer Loaders25	Skid Steer Loaders	25	14737.82	433.00
Skid Steer Loaders50	Skid Steer Loaders	50	29475.64	866.00
Skid Steer Loaders75	Skid Steer Loaders	75	44213.46	1299.00
Skid Steer Loaders100	Skid Steer Loaders	100	58951.28	1732.00
Skid Steer Loaders150	Skid Steer Loaders	150	87827.92	2598.00
Skid Steer Loaders200	Skid Steer Loaders	200	116704.56	3464.00
Skid Steer Loaders300	Skid Steer Loaders	300	175056.84	5196.00
Skid Steer Loaders400	Skid Steer Loaders	400	233409.12	6928.00
Skid Steer Loaders500	Skid Steer Loaders	500	291761.40	9040.00
Skid Steer Loaders750	Skid Steer Loaders	750	437642.10	13680.00
Skid Steer Loaders999	Skid Steer Loaders	9999	4376421.00	136800.00
Tractor/Loader/Backhoe25	Tractor/Loader/Backhoe	25	751.33	5.34
Tractor/Loader/Backhoe50	Tractor/Loader/Backhoe	50	1502.66	10.68
Tractor/Loader/Backhoe75	Tractor/Loader/Backhoe	75	2254.00	16.02
Tractor/Loader/Backhoe100	Tractor/Loader/Backhoe	100	3005.33	21.36
Tractor/Loader/Backhoe150	Tractor/Loader/Backhoe	150	4508.00	32.04
Tractor/Loader/Backhoe200	Tractor/Loader/Backhoe	200	6010.67	42.72
Tractor/Loader/Backhoe300	Tractor/Loader/Backhoe	300	9016.00	64.08
Tractor/Loader/Backhoe400	Tractor/Loader/Backhoe	400	12021.33	85.44
Tractor/Loader/Backhoe500	Tractor/Loader/Backhoe	500	15026.67	110.88
Tractor/Loader/Backhoe750	Tractor/Loader/Backhoe	750	22540.00	166.32
Tractor/Loader/Backhoe999	Tractor/Loader/Backhoe	9999	225400.00	1663.20
Welders25	Welders	25	508.99	3064.19
Welders50	Welders	50	1017	









San Diego (SD)	2021 Off - Light Commercial - Pressure Washers	Aggregated	50 Gasoline	9.908158	9.113565	0.00010933	0.00264565	0.00018584	0.00719297	3.173496	6.458616	5.97606	9.4767	1.659996	66	33875	1335.9	11.65	38741.1
San Diego (SD)	2021 Off - Light Commercial - Pressure Washers	Aggregated	25 Diesel	2.587225	2.58	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	2.288616	0.00000000	7.288616	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Light Commercial - Pumps	Aggregated	25 Gasoline	0.10011743	0.00082016	0.1107313	0.4026261	0.0669380	6.36848147	0.03943102	0.02793008	0.048183	0.000933	0.000930	0.000000	45700.1	127699.9	5781.1	70881.1
San Diego (SD)	2021 Off - Light Commercial - Pumps	Aggregated	25 Diesel	0.00123756	0.00028307	0.00426244	0.01542059	0.00126299	2.6172097	0.00792720	0.00099999	0.000999	0.000000	2.22316	0.000000	7000.9	471.1	20504.7	0.00
San Diego (SD)	2021 Off - Light Commercial - Pumps	Aggregated	50 Gasoline	0.00170073	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Light Commercial - Pumps	Aggregated	50 Diesel	0.00298416	0.00358502	0.00424287	0.02591951	0.02153337	3.50213975	0.00112829	0.00032028	0.000122	0.000000	0.000000	0.000000	12000.35	7642.9	189.94	28837.7
San Diego (SD)	2021 Off - Light Commercial - Pumps	Aggregated	100 Gasoline	0.00289558	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Light Commercial - Pumps	Aggregated	175 Gasoline	9.542055	8.778778	0.00001536	0.00662444	0.008881447	0.01144247	0.01744165	0.1744165	0.1882	0.1876	0.278464	66	790.25	7.98	12644	0.00
San Diego (SD)	2021 Off - Light Commercial - Welders	Aggregated	25 Diesel	0.00754832	0.00871259	0.01731122	0.08977344	0.00475344	6.6202215	0.0487732	0.0078831	0.005414	0.000000	0.000000	0.000000	50639.9	63075.9	2064.19	99040.0
San Diego (SD)	2021 Off - Light Commercial - Welders	Aggregated	25 Diesel	0.00227878	0.00290616	0.00016636	0.00177883	0.00085444	2.38880644	0.00085444	0.0007626	0.000661	0.000000	0.000000	0.000000	730.18	330.8	190.6	1298.4
San Diego (SD)	2021 Off - Light Commercial - Welders	Aggregated	50 Gasoline	0.00409462	0.00376427	0.00459505	0.24514837	0.00051244	3.3121249	0.00044072	0.00012447	0.00012447	0.000000	0.000000	0.000000	10339.55	42938.6	2067	19232.7
San Diego (SD)	2021 Off - Light Commercial - Welders	Aggregated	50 Diesel	0.00201448	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Light Commercial - Welders	Aggregated	100 Diesel	0.00324707	0.00286002	0.003562	0.11565556	0.00982118	3.69595262	0.00025516	0.00039734	0.000284	0.000000	0.000000	0.000000	14607.8	4882.85	215.96	30083.0
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	175 Gasoline	0.00020999	0.00024658	0.00029756	0.00138768	0.00456409	3.302115	2.440262	0.3181	0.4336	0.6346	0.6346	1836.05	302.5	14.55	3883.0	0.00
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	50 Diesel	0.00021844	0.00009319	0.00181976	0.0212827	0.00999922	1.02007744	0.0008184	0.0005786	0.000000	0.000000	0.000000	0.000000	7088.55	2096.75	104	2046.9
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	100 Diesel	0.00042585	0.0004883	0.00091242	0.00318418	0.00213207	1.0007009	0.00015704	0.000000	0.000000	0.000000	0.000000	6048.55	854.1	28.5	17962.8	
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	175 Diesel	0.00020514	0.00037467	0.00003262	0.00012966	0.00049232	0.8908273	0.905876	0.906	0.000000	0.000000	0.000000	0.000000	11.24	108.87	0.00	139.51
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	100 Diesel	0.00051247	0.00018186	0.00012535	0.00023979	0.00201351	0.39000078	0.0006983	0.797326	0.000006	0.000006	0.000006	0.000006	1263.85	105.8	18.3	3700.4
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	175 Diesel	0.00003465	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	100 Diesel	7.772275	8.248645	0.00011921	0.00117883	0.00027773	0.17006009	0.00189711	0.00017291	0.000000	0.000000	0.000000	0.000000	9676.76	3960.85	26.6	11440.8
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	100 Diesel	2.743658	3.246446	0.3955	0.00017038	0.00003409	0.00400183	1.5406765	1.417438	1.5405	1.056	1.056	0.783762	31.17	598.6	1.99	9158.9
San Diego (SD)	2021 Off - Military - Aircraft Support	Aggregated	100 Diesel	9.0452105	9.00007825	0.00031027	0.00017337	0.00017374	0.40553699	3.7688105	4.840026	3.7662	4.546	4.546	3.946966	1352.2	258.4	0.00	190.9
San Diego (SD)	2021 Off - Military - Communications	Aggregated	50 Diesel	2.354128	2.801598	0.338998	0.00022073	0.00022826	0.02777171	0.693946	0.887516	0.666	0.4267	0.745467	109.35	79.3	2.63	3197.4	0.00
San Diego (SD)	2021 Off - Military - Communications	Aggregated	100 Diesel	3.838146	4.537724	0.5234625	0.00137884	0.00019304	0.00079422	2.4999116	2.4999116	2.4999116	2.4999116	2.4999116	3277.7	1195.3	2.97	4484.4	0.00
San Diego (SD)	2021 Off - Military - Communications	Aggregated	50 Diesel	2.888736	3.419165	0.415266	0.00017038	0.00027962	0.04847111	1.853416	1.853416	1.853416	1.853416	1.853416	7088.55	2096.75	104	2046.9	0.00
San Diego (SD)	2021 Off - Military - Compressor (Military)	Aggregated	100 Diesel	0.00087288	0.00102022	0.00123466	0.01121236	0.01131831	1.89007128	0.00099336	0.00051665	0.0006	0.586	0.000000	0.000000	7303.65	3008.5	99.2	21280.5
San Diego (SD)	2021 Off - Military - Compressor (Military)	Aggregated	175 Diesel	3.9007025	4.7609	0.5746	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Military - Compressor (Military)	Aggregated	100 Diesel	8.189645	9.746385	0.00011791	0.00005074	0.01153473	0.36542089	4.044825	0.133436	0.133436	0.133436	0.133436	1062.25	38.15	0.34	5534.24	0.00
San Diego (SD)	2021 Off - Military - Compressor (Military)	Aggregated	100 Diesel	0.00048035	0.00057548	0.00046043	0.0017828	0.00149239	1.2926817	0.00102625	0.00017799	0.000019	2.11	1.791216	7060.9	5973.5	18.9	20799.4	0.00
San Diego (SD)	2021 Off - Military - Crane	Aggregated	100 Diesel	5.7913105	6.825155	8.13956	0.00019029	0.3411284	0.00000000	1.667576	1.667576	1.667576	1.667576	1.667576	3186.45	1188.45	1.93	3417.7	0.00
San Diego (SD)	2021 Off - Military - Crane	Aggregated	175 Diesel	1.847415	1.409915	1.759996	0.00013051	0.00012561	0.06644635	3.844176	0.376446	3.1406	0.756	0.756	2327.62	267.2	5.86	846.07	0.00
San Diego (SD)	2021 Off - Military - Crane	Aggregated	100 Diesel	1.0619165	1.246916	1.154545	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Military - Decar	Aggregated	100 Diesel	3.1818115	4.178078	0.5668275	0.00022889	0.00042167	0.00126126	2.400625	2.264068	2.2465	0.000000	0.000000	0.000000	729.8	373.25	8.73	879.25
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	50 Diesel	0.00003098	0.00017602	0.00021779	0.00151449	0.02105793	0.2105793	6.18444	0.688885	0.688885	0.688885	0.688885	22.0	16.29646	0.98	39.9	0.00
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	100 Diesel	0.00449917	0.00307894	0.00462111	0.02772078	0.00627422	11.42297716	0.00019159	0.00019159	0.00019159	0.00019159	0.00019159	3798.5	312.8	17.87	20048.4	0.00
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	175 Diesel	0.00472659	0.00565205	0.00048328	0.00174453	0.02399958	0.00266921	0.00045888	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	10468.95	38.05	1583.85	0.00
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	300 Diesel	0.00146203	0.00074215	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0	0	0	0.00	0.00
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	600 Diesel	0.00089814	0.001054192	0.00137577	0.00077889	0.01817676	0.14343517	0.00037263	0.00034284	0.000073	0.000000	0.000000	0.000000	13642.7	11537.65	3.88	40515.02
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	750 Diesel	4.7443815	5.6405155	6.823485	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	7210	397.85	1.31	21849.9	
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	100 Diesel	0.00009891	0.00009899	0.00007966	0.00016633	0.00016633	0.00016633	0.00016633	0.00016633	0.00016633	0.00016633	0.00016633	0.00016633	4394.1	4.2	109.984	0.00
San Diego (SD)	2021 Off - Military - Generator (Military)	Aggregated	100 Diesel	1.519715	1.800896	2.187756	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	192.75	39.8	1.31	3779.5	
San Diego (SD)	2021 Off - Military - Light	Aggregated	50 Diesel	7.9892456	8.1469916	1.154545	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	675.25	32.0	0.00	0.00	
San Diego (SD)	2021 Off - Military - Other tactical support equipment	Aggregated	50 Diesel	7.3566146	8.734986	0.859655	0.679965	7.133365	0.00044615	3.037876	2.772736	3.0276	3.0276	0.613126	143.1	18.8	0.67	849.0	0.00
San Diego (SD)	2021 Off - Military - Other tactical support equipment	Aggregated	100 Diesel	0.00000173	0.00010283	0.00014534	0.00123259	0.00193829	0.20389808	0.798986	0.524115	0.2046	0.2046	0.2046	861.05	318.8	10.8	2013.5	0.00
San Diego (SD)	2021 Off - Military - Other tactical support equipment	Aggregated	175 Diesel	0.00041511	0.00068415	0.00029174	0.00007644	0.00029184	0.00029184	0.00029184	0.00029184	0.00029184	0.00029184	0.00029184	7986.86	312.8	17.87	41565.4	0.00
San Diego (SD)	2021 Off - Military - Other tactical support equipment	Aggregated	300 Diesel	0.004518	7.145898	0.8546228</													

EMFAC Fuel Usage: Year 2020

Vehicle type	Gasoline			Diesel			Natural Gas			Electricity
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	
All other buses	0	0	0.00	29,485	3,447	8.55	0	0	0.00	0
LDA	53,431,843	1,797,977	29.72	614,670	13,821	44.47	0	0	0.00	849,127
LDT1	5,889,126	235,172	25.04	2,464	110	22.36	0	0	0.00	17,134
LDT2	18,096,267	791,747	22.86	112,910	3,459	32.65	0	0	0.00	78,796
LHD1	1,308,636	157,917	8.29	1,175,504	65,874	17.84	0	0	0.00	0
LHD2	195,409	26,969	7.25	410,789	25,789	15.93	0	0	0.00	0
MCY	659,799	18,084	36.48	0	0	0.00	0	0	0.00	0
MDV	11,798,102	621,661	18.98	290,576	11,703	24.83	0	0	0.00	26,122
MH	100,811	21,662	4.65	35,417	3,696	9.58	0	0	0.00	0
Motor coach	0	0	0.00	23,947	3,893	6.15	0	0	0.00	0
OBUS	67,147	14,491	4.63	0	0	0.00	0	0	0.00	0
PTO	0	0	0.00	26,999	5,703	4.73	0	0	0.00	0
SBUS	11,222	1,213	9.25	75,333	9,581	7.86	0	0	0.00	0
T6	195,205	41,571	4.70	1,122,138	123,432	9.09	0	0	0.00	0
T7	1,997	512	3.90	1,806,000	291,123	6.20	30,816	12,768	2.41	0
TOTAL	39,098	7,244	5.40	2,628	555	4.73	109,591	28,626	3.83	0
<b>Total</b>	<b>91,794,661</b>	<b>3,736,219</b>	<b>24.57</b>	<b>5,728,860</b>	<b>562,185</b>	<b>10.19</b>	<b>140,407</b>	<b>41,393</b>	<b>3.39</b>	<b>971,179</b>



EMFAC2017 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: San Diego (SD)

Calendar Year: 2020

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	Population	VMT	Trips	Fuel Consumption
San Diego (SD)	2020	All Other Buses	Aggregated	Aggregated	DSL	553.0162008	29485.272	4645.336	3.446820719
San Diego (SD)	2020	LDA	Aggregated	Aggregated	GAS	1374512.127	53431843	6486947	1797.976779
San Diego (SD)	2020	LDA	Aggregated	Aggregated	DSL	15765.94009	614670.22	73905.23	13.82067361
San Diego (SD)	2020	LDA	Aggregated	Aggregated	ELEC	21536.68509	849126.68	107483.3	0
San Diego (SD)	2020	LDT1	Aggregated	Aggregated	GAS	166319.2812	5889125.7	755001.2	235.1715444
San Diego (SD)	2020	LDT1	Aggregated	Aggregated	DSL	132.806786	2463.9522	444.0105	0.110218259
San Diego (SD)	2020	LDT1	Aggregated	Aggregated	ELEC	432.2377665	17133.515	2155.17	0
San Diego (SD)	2020	LDT2	Aggregated	Aggregated	GAS	490412.8473	18096267	2279627	791.7466996
San Diego (SD)	2020	LDT2	Aggregated	Aggregated	DSL	2611.900128	112909.65	12855.3	3.458711152
San Diego (SD)	2020	LDT2	Aggregated	Aggregated	ELEC	2269.034854	78796.124	11537.48	0
San Diego (SD)	2020	LHD1	Aggregated	Aggregated	GAS	36068.73905	1308635.8	537370.5	157.916549
San Diego (SD)	2020	LHD1	Aggregated	Aggregated	DSL	30650.0985	1175504.2	385539.7	65.8735366
San Diego (SD)	2020	LHD2	Aggregated	Aggregated	GAS	5336.42161	195409.44	79504.73	26.96903099
San Diego (SD)	2020	LHD2	Aggregated	Aggregated	DSL	10410.22003	410789.02	130947.5	25.78890113
San Diego (SD)	2020	MCY	Aggregated	Aggregated	GAS	78375.08078	659798.77	156750.2	18.08443051
San Diego (SD)	2020	MDV	Aggregated	Aggregated	GAS	323862.2667	11798102	1490892	621.6605794
San Diego (SD)	2020	MDV	Aggregated	Aggregated	DSL	6649.23127	290576.19	32474.72	11.7034523
San Diego (SD)	2020	MDV	Aggregated	Aggregated	ELEC	729.5148397	26122.328	3744.407	0
San Diego (SD)	2020	MH	Aggregated	Aggregated	GAS	11690.92506	100810.53	1169.56	21.66204892
San Diego (SD)	2020	MH	Aggregated	Aggregated	DSL	3786.461195	35416.529	378.6461	3.695523514
San Diego (SD)	2020	Motor Coach	Aggregated	Aggregated	DSL	187.5391242	23946.72	2738.071	3.893151405
San Diego (SD)	2020	OBUS	Aggregated	Aggregated	GAS	1270.742037	67147.073	25425.01	14.49113552
San Diego (SD)	2020	PTO	Aggregated	Aggregated	DSL	0	26998.822	0	5.702802051
San Diego (SD)	2020	SBUS	Aggregated	Aggregated	GAS	209.9368033	11222.007	839.7472	1.213163646
San Diego (SD)	2020	SBUS	Aggregated	Aggregated	DSL	2406.348585	75332.86	27768.93	9.580770365
San Diego (SD)	2020	T6 Ag	Aggregated	Aggregated	DSL	34.62220787	424.23405	152.3377	0.047422816
San Diego (SD)	2020	T6 CAIRP heavy	Aggregated	Aggregated	DSL	82.63382239	16380.123	1206.454	1.518779565
San Diego (SD)	2020	T6 CAIRP small	Aggregated	Aggregated	DSL	44.01936337	2327.4827	642.6827	0.228493016
San Diego (SD)	2020	T6 instate constr	Aggregated	Aggregated	DSL	634.740284	43154.823	2869.636	5.447079125
San Diego (SD)	2020	T6 instate constr	Aggregated	Aggregated	DSL	2210.984116	112870.37	9995.773	14.17125294
San Diego (SD)	2020	T6 instate heavy	Aggregated	Aggregated	DSL	2768.978293	370814.21	31953.63	38.42598153
San Diego (SD)	2020	T6 instate small	Aggregated	Aggregated	DSL	10590.30977	523210.01	122210.7	56.80603168
San Diego (SD)	2020	T6 OOS heavy	Aggregated	Aggregated	DSL	47.35227764	9428.7527	691.3433	0.873618393
San Diego (SD)	2020	T6 OOS small	Aggregated	Aggregated	DSL	25.57192422	1341.4286	373.3501	0.131806263
San Diego (SD)	2020	T6 Public	Aggregated	Aggregated	DSL	2376.40705	36936.857	7208.435	5.174045864
San Diego (SD)	2020	T6 utility	Aggregated	Aggregated	DSL	314.5228093	5249.7539	3617.012	0.607241363
San Diego (SD)	2020	T6T5	Aggregated	Aggregated	GAS	3500.704768	195204.53	70042.1	41.57062483
San Diego (SD)	2020	T7 Ag	Aggregated	Aggregated	DSL	14.4688476	255.78424	63.66293	0.044265011
San Diego (SD)	2020	T7 CAIRP	Aggregated	Aggregated	DSL	1807.112542	327143.26	26383.84	49.76341782
San Diego (SD)	2020	T7 CAIRP constr	Aggregated	Aggregated	DSL	168.5365323	30998.484	761.9471	5.481493994
San Diego (SD)	2020	T7 NNOOS	Aggregated	Aggregated	DSL	1975.871273	398811.87	28847.72	58.9283554
San Diego (SD)	2020	T7 NOOS	Aggregated	Aggregated	DSL	710.3369034	128530.42	10370.92	20.00499118
San Diego (SD)	2020	T7 other port	Aggregated	Aggregated	DSL	514.1224946	82672.7	3907.331	15.36936387
San Diego (SD)	2020	T7 POLA	Aggregated	Aggregated	DSL	223.9470598	27497.397	1701.998	5.351699812
San Diego (SD)	2020	T7 Public	Aggregated	Aggregated	DSL	1479.247337	29982.851	4487.05	5.990040079
San Diego (SD)	2020	T7 Single	Aggregated	Aggregated	DSL	2046.343099	135971.46	23614.52	23.14854336
San Diego (SD)	2020	T7 single constr	Aggregated	Aggregated	DSL	1090.363582	76901.538	4929.491	14.70836138
San Diego (SD)	2020	T7 SWCV	Aggregated	Aggregated	DSL	684.5277991	27968.697	2669.658	12.61284862
San Diego (SD)	2020	T7 SWCV	Aggregated	Aggregated	NG	757.823436	30816.14	2955.511	12.76763706

San Diego (SD)	2020 T7 tractor	Aggregated	Aggregated	DSL	3416.58192	473298.43	43390.59	67.08091711
San Diego (SD)	2020 T7 tractor constr	Aggregated	Aggregated	DSL	902.6913091	63436.999	4081.032	12.1879921
San Diego (SD)	2020 T7 utility	Aggregated	Aggregated	DSL	124.6802813	2530.3348	1433.823	0.451050595
San Diego (SD)	2020 T7IS	Aggregated	Aggregated	GAS	19.9406897	1996.6345	398.9733	0.512469279
San Diego (SD)	2020 UBUS	Aggregated	Aggregated	GAS	372.1315452	39098.416	1488.526	7.243801944
San Diego (SD)	2020 UBUS	Aggregated	Aggregated	DSL	25	2628.0788	100	0.555482686
San Diego (SD)	2020 UBUS	Aggregated	Aggregated	NG	973.4656249	109590.67	3893.862	28.62554402

**EMFAC Fuel Usage: Year 2021**

Vehicle type	Gasoline			Diesel			Natural Gas			Electricity
	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day	Gallons/day	Miles/gallon	VMT/day
All other buses	0	0	0.00	29,652	3,403	8.71	0	0	0.00	0
LDA	54,325,094	1,782,112	30.48	635,344	13,957	45.52	0	0	0.00	1,016,385
LDT1	5,908,846	230,790	25.60	2,249	100	22.52	0	0	0.00	28,400
LDT2	17,914,884	759,479	23.59	121,070	3,610	33.54	0	0	0.00	106,352
LHD1	1,284,364	153,654	8.36	1,191,286	65,942	18.07	0	0	0.00	0
LHD2	196,023	26,816	7.31	422,173	26,171	16.13	0	0	0.00	0
MCY	649,887	17,821	36.47	0	0	0.00	0	0	0.00	0
MDV	11,660,085	596,549	19.55	304,548	11,933	25.52	0	0	0.00	48,650
MH	96,424	20,503	4.70	34,996	3,623	9.66	0	0	0.00	0
Motor coach	0	0	0.00	24,416	3,903	6.26	0	0	0.00	0
OBUS	65,402	13,947	4.69	0	0	0.00	0	0	0.00	0
PTO	0	0	0.00	27,352	5,681	4.81	0	0	0.00	0
SBUS	12,615	1,338	9.43	75,385	9,530	7.91	0	0	0.00	0
T6	201,226	42,146	4.77	1,159,964	124,757	9.30	0	0	0.00	0
T7	2,049	515	3.98	1,842,301	291,195	6.33	34,235	13,985	2.45	0
UBUS	40,558	7,329	5.53	2,628	555	4.73	113,779	29,721	3.83	0
<b>Total</b>	<b>92,357,456</b>	<b>3,653,000</b>	<b>25.28</b>	<b>5,873,364</b>	<b>564,359</b>	<b>10.41</b>	<b>148,014</b>	<b>43,706</b>	<b>3.39</b>	<b>1,199,787</b>



EMFAC2017 (v1.0.2) Emissions Inventory  
 Region Type: Sub-Area  
 Region: San Diego (SD)  
 Calendar Year: 2021  
 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	Population	VMT	Trips	Fuel Consumption
San Diego (SD)	2021	All Other Buses	Aggregated	Aggregated	DSL	550.8988417	29652.22603	4627.55027	3.402645224
San Diego (SD)	2021	LDA	Aggregated	Aggregated	GAS	1405370.343	54325093.78	6637548.876	1782.112456
San Diego (SD)	2021	LDA	Aggregated	Aggregated	DSL	16466.05209	635343.5698	77175.68205	13.95697077
San Diego (SD)	2021	LDA	Aggregated	Aggregated	ELEC	25194.84986	1016385.302	125403.5003	0
San Diego (SD)	2021	LDT1	Aggregated	Aggregated	GAS	167731.3377	5908845.809	762175.2608	230.7895865
San Diego (SD)	2021	LDT1	Aggregated	Aggregated	DSL	122.7468928	2248.50451	407.2421667	0.099824064
San Diego (SD)	2021	LDT1	Aggregated	Aggregated	ELEC	676.8949854	28400.03946	3404.662227	0
San Diego (SD)	2021	LDT2	Aggregated	Aggregated	GAS	489176.1351	17914883.58	2273550.615	759.478815
San Diego (SD)	2021	LDT2	Aggregated	Aggregated	DSL	2855.049194	121070.4125	14006.29752	3.609698443
San Diego (SD)	2021	LDT2	Aggregated	Aggregated	ELEC	3108.075293	106352.4294	15774.03584	0

San Diego (SD)	2021 LHD1	Aggregated	Aggregated	GAS	35522.22756	1284364.48	529228.2625	153.6544177
San Diego (SD)	2021 LHD1	Aggregated	Aggregated	DSL	31258.46651	1191286.227	393192.1856	65.94164702
San Diego (SD)	2021 LHD2	Aggregated	Aggregated	GAS	5376.908451	196023.4765	80107.92432	26.81591226
San Diego (SD)	2021 LHD2	Aggregated	Aggregated	DSL	10806.97417	422173.4434	135938.1399	26.17077313
San Diego (SD)	2021 MCY	Aggregated	Aggregated	GAS	78939.42299	649886.9511	157878.846	17.82144116
San Diego (SD)	2021 MDV	Aggregated	Aggregated	GAS	322691.006	11660085.21	1484647.373	596.5493477
San Diego (SD)	2021 MDV	Aggregated	Aggregated	DSL	7110.670233	304547.5019	34609.71311	11.93276205
San Diego (SD)	2021 MDV	Aggregated	Aggregated	ELEC	1374.088603	48649.71785	7049.471077	0
San Diego (SD)	2021 MH	Aggregated	Aggregated	GAS	11196.99217	96423.79606	1120.147097	20.50270048
San Diego (SD)	2021 MH	Aggregated	Aggregated	DSL	3813.859036	34995.56461	381.3859036	3.622947918
San Diego (SD)	2021 Motor Coach	Aggregated	Aggregated	DSL	187.8091577	24416.25629	2742.013703	3.903386056
San Diego (SD)	2021 OBUS	Aggregated	Aggregated	GAS	1261.139691	65401.68574	25232.88294	13.94697763
San Diego (SD)	2021 PTO	Aggregated	Aggregated	DSL	0	27352.29934	0	5.680876244
San Diego (SD)	2021 SBUS	Aggregated	Aggregated	GAS	238.1041987	12615.20309	952.4167947	1.338477965
San Diego (SD)	2021 SBUS	Aggregated	Aggregated	DSL	2410.018913	75385.44445	27811.28412	9.530418287
San Diego (SD)	2021 T6 Ag	Aggregated	Aggregated	DSL	34.52064296	395.8617851	151.890829	0.044362341
San Diego (SD)	2021 T6 CAIRP heavy	Aggregated	Aggregated	DSL	84.86763883	16669.00795	1239.067527	1.512624864
San Diego (SD)	2021 T6 CAIRP small	Aggregated	Aggregated	DSL	45.37986061	2380.571652	662.545965	0.229344727
San Diego (SD)	2021 T6 instate constructio	Aggregated	Aggregated	DSL	646.1023444	43966.15504	2921.003579	5.471018644
San Diego (SD)	2021 T6 instate constructio	Aggregated	Aggregated	DSL	2222.391404	114992.3831	10047.34513	14.21500152
San Diego (SD)	2021 T6 instate heavy	Aggregated	Aggregated	DSL	2877.347033	387411.8551	33204.18583	39.09713871
San Diego (SD)	2021 T6 instate small	Aggregated	Aggregated	DSL	10827.48257	540414.3911	124947.6477	57.43790583
San Diego (SD)	2021 T6 OOS heavy	Aggregated	Aggregated	DSL	48.50778099	9603.554124	708.2136024	0.870459751
San Diego (SD)	2021 T6 OOS small	Aggregated	Aggregated	DSL	26.40521287	1373.218181	385.5161079	0.13242427
San Diego (SD)	2021 T6 Public	Aggregated	Aggregated	DSL	2402.563329	37461.64546	7287.775425	5.158733184
San Diego (SD)	2021 T6 utility	Aggregated	Aggregated	DSL	314.6341934	5295.178621	3618.293224	0.588026749
San Diego (SD)	2021 T6TS	Aggregated	Aggregated	GAS	3549.627505	201226.2614	71020.94713	42.14582571
San Diego (SD)	2021 T7 Ag	Aggregated	Aggregated	DSL	15.05495126	246.3093603	66.24178554	0.042778265
San Diego (SD)	2021 T7 CAIRP	Aggregated	Aggregated	DSL	1877.948348	333495.8596	27418.04589	50.07029478
San Diego (SD)	2021 T7 CAIRP construction	Aggregated	Aggregated	DSL	174.7746335	31581.27109	790.1493227	5.490544434
San Diego (SD)	2021 T7 NNOOS	Aggregated	Aggregated	DSL	2026.693687	406553.2532	29589.72783	58.75868525
San Diego (SD)	2021 T7 NOOS	Aggregated	Aggregated	DSL	737.3661536	131026.4607	10765.54584	20.13401556
San Diego (SD)	2021 T7 other port	Aggregated	Aggregated	DSL	537.335891	86157.81279	4083.752772	15.75600021
San Diego (SD)	2021 T7 POLA	Aggregated	Aggregated	DSL	231.0755421	29275.80249	1756.17412	5.623060774
San Diego (SD)	2021 T7 Public	Aggregated	Aggregated	DSL	1485.607856	30113.83098	4506.343827	5.945857275
San Diego (SD)	2021 T7 Single	Aggregated	Aggregated	DSL	2092.361275	137751.6467	24145.55902	22.95218588
San Diego (SD)	2021 T7 single construction	Aggregated	Aggregated	DSL	1114.262087	78347.32481	5037.535575	14.7435078
San Diego (SD)	2021 T7 SWCV	Aggregated	Aggregated	DSL	636.644559	26012.26516	2482.91378	11.72439149
San Diego (SD)	2021 T7 SWCV	Aggregated	Aggregated	NG	841.7898139	34235.22724	3282.980274	13.98493144
San Diego (SD)	2021 T7 tractor	Aggregated	Aggregated	DSL	3541.849361	484557.3867	44981.48689	67.2693749
San Diego (SD)	2021 T7 tractor constructio	Aggregated	Aggregated	DSL	930.4748685	64629.64521	4206.640704	12.25015854
San Diego (SD)	2021 T7 utility	Aggregated	Aggregated	DSL	125.7837661	2551.97796	1446.51331	0.434167958
San Diego (SD)	2021 T7IS	Aggregated	Aggregated	GAS	19.70603036	2048.746206	394.2782555	0.514647577
San Diego (SD)	2021 UBUS	Aggregated	Aggregated	GAS	386.0189728	40557.51418	1544.075891	7.329040218
San Diego (SD)	2021 UBUS	Aggregated	Aggregated	DSL	25	2628.078835	100	0.555482686
San Diego (SD)	2021 UBUS	Aggregated	Aggregated	NG	1010.726962	113778.5149	4042.907849	29.72125855