

Model Output: OFFROAD2017 (v1.0.1) Emissions Inventory

Region Type: County

Region: San Diego

Calendar Year: 2021

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2017 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Ye	Vehicle Cate	Model Year	Horsepower	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd
San Diego	2021	ConstMin - (Aggregate		50	Diesel	9.99E-05	0.0001209	0.0001439	0.000424	0.0003388	0.0321982	3.60E-05
San Diego	2021	ConstMin - (Aggregate		75	Diesel	2.67E-05	3.23E-05	3.84E-05	0.0001116	0.0002435	0.0130769	2.26E-05
San Diego	2021	ConstMin - (Aggregate		100	Diesel	0.0007545	0.000913	0.0010865	0.0057093	0.0080702	0.7348684	0.0005583
San Diego	2021	ConstMin - (Aggregate		175	Diesel	0.0017247	0.0020869	0.0024835	0.0147472	0.0213114	2.2201453	0.0011434
San Diego	2021	ConstMin - (Aggregate		300	Diesel	0.0021614	0.0026153	0.0031125	0.0129937	0.0310039	3.8716621	0.0012549
San Diego	2021	ConstMin - (Aggregate		50	Diesel	0.0032913	0.0039825	0.0047395	0.031632	0.0277916	4.1689826	0.0014287
San Diego	2021	ConstMin - (Aggregate		75	Diesel	9.03E-05	0.0001093	0.00013	0.0019368	0.0016612	0.3023208	7.31E-05
San Diego	2021	ConstMin - (Aggregate		100	Diesel	0.0022324	0.0027012	0.0032146	0.0341379	0.0275514	5.112219	0.0015686
San Diego	2021	ConstMin - (Aggregate		175	Diesel	0.0038986	0.0047173	0.005614	0.0668853	0.0442618	11.425965	0.0021548
San Diego	2021	ConstMin - (Aggregate		300	Diesel	0.0038147	0.0046158	0.0054932	0.031136	0.0489621	14.629382	0.0015102
San Diego	2021	ConstMin - (Aggregate		50	Diesel	9.02E-05	0.0001091	0.0001298	0.0003709	0.000266	0.0267735	3.06E-05
San Diego	2021	ConstMin - (Aggregate		75	Diesel	3.58E-05	4.33E-05	5.16E-05	0.0002987	0.0003582	0.040101	2.48E-05
San Diego	2021	ConstMin - (Aggregate		100	Diesel	0.0009553	0.001156	0.0013757	0.0050954	0.0089664	0.5698522	0.000741
San Diego	2021	ConstMin - (Aggregate		175	Diesel	0.0054118	0.0065482	0.007793	0.0464974	0.0627515	6.9898668	0.0034985
San Diego	2021	ConstMin - (Aggregate		300	Diesel	0.0076111	0.0092094	0.01096	0.0374808	0.1126782	14.718844	0.0037147
San Diego	2021	ConstMin - (Aggregate		50	Diesel	0.0001746	0.0002113	0.0002514	0.0014974	0.0012307	0.1593464	8.09E-05
San Diego	2021	ConstMin - (Aggregate		75	Diesel	2.51E-05	3.03E-05	3.61E-05	0.0003804	0.0002201	0.0501369	8.89E-06
San Diego	2021	ConstMin - (Aggregate		100	Diesel	7.21E-05	8.72E-05	0.0001038	0.0008594	0.0007733	0.1154833	5.61E-05
San Diego	2021	ConstMin - (Aggregate		175	Diesel	0.0017608	0.0021305	0.0025355	0.0250913	0.0171885	3.9578444	0.000872
San Diego	2021	ConstMin - (Aggregate		300	Diesel	0.0031835	0.003852	0.0045842	0.0210355	0.032666	8.0736146	0.0012748
San Diego	2021	ConstMin - (Aggregate		50	Diesel	0.0001937	0.0002343	0.0002789	0.0010288	0.000893	0.1142888	7.18E-05
San Diego	2021	ConstMin - (Aggregate		75	Diesel	0.0003291	0.0003983	0.000474	0.0015813	0.0029464	0.2013779	0.0002855
San Diego	2021	ConstMin - (Aggregate		100	Diesel	0.0003863	0.0004674	0.0005563	0.0058617	0.0053899	0.8988761	0.0003038
San Diego	2021	ConstMin - (Aggregate		175	Diesel	0.0006167	0.0007463	0.0008881	0.0086494	0.0078175	1.5114965	0.0003826
San Diego	2021	ConstMin - (Aggregate		300	Diesel	0.0003102	0.0003754	0.0004467	0.0022855	0.0055035	1.1819647	0.0001615

San Diego	2021 ConstMin - Aggregate	50 Diesel	0.0001185	0.0001434	0.0001707	0.0010295	0.0009492	0.1423265	4.90E-05
San Diego	2021 ConstMin - Aggregate	75 Diesel	2.29E-05	2.77E-05	3.30E-05	0.0001758	0.0002428	0.022946	1.73E-05
San Diego	2021 ConstMin - Aggregate	100 Diesel	0.000315	0.0003812	0.0004536	0.0039854	0.0037344	0.6002299	0.0002366
San Diego	2021 ConstMin - Aggregate	175 Diesel	0.0002396	0.0002899	0.000345	0.0036877	0.0029158	0.6324734	0.0001459
San Diego	2021 ConstMin - Aggregate	300 Diesel	0.0001456	0.0001762	0.0002097	0.0009956	0.0021608	0.4569003	7.84E-05
San Diego	2021 ConstMin - Aggregate	50 Diesel	0.0027931	0.0033796	0.0040221	0.0183383	0.0173592	2.3467552	0.001172
San Diego	2021 ConstMin - Aggregate	75 Diesel	5.68E-05	6.87E-05	8.18E-05	0.0002267	0.0005557	0.019597	3.93E-05
San Diego	2021 ConstMin - Aggregate	100 Diesel	0.0019644	0.0023769	0.0028288	0.0240426	0.024279	3.648545	0.001479
San Diego	2021 ConstMin - Aggregate	175 Diesel	0.0011454	0.0013859	0.0016494	0.0210194	0.0152092	3.7930583	0.000699
San Diego	2021 ConstMin - Aggregate	300 Diesel	0.0002265	0.000274	0.0003261	0.0018385	0.0033831	0.6281058	0.00012
San Diego	2021 ConstMin - Aggregate	50 Diesel	0.0001644	0.0001989	0.0002367	0.0010246	0.0007623	0.1008821	6.02E-05
San Diego	2021 ConstMin - Aggregate	75 Diesel	0.0001831	0.0002215	0.0002636	0.0008348	0.0016049	0.0814671	0.0001292
San Diego	2021 ConstMin - Aggregate	100 Diesel	0.0005084	0.0006151	0.0007321	0.003171	0.004787	0.3925597	0.0004217
San Diego	2021 ConstMin - Aggregate	175 Diesel	0.0004658	0.0005636	0.0006707	0.0031772	0.0055042	0.4344058	0.0003149
San Diego	2021 ConstMin - Aggregate	300 Diesel	0.0004911	0.0005942	0.0007071	0.0031659	0.0063258	0.4770699	0.0003058
San Diego	2021 ConstMin - !Aggregate	50 Diesel	2.15E-05	2.61E-05	3.10E-05	7.64E-05	5.47E-05	0.0050171	7.05E-06
San Diego	2021 ConstMin - !Aggregate	75 Diesel	0.0001145	0.0001385	0.0001648	0.000534	0.0009902	0.0601726	8.78E-05
San Diego	2021 ConstMin - !Aggregate	100 Diesel	0.0002272	0.0002749	0.0003272	0.0019822	0.0028845	0.2650424	0.0002145
San Diego	2021 ConstMin - !Aggregate	175 Diesel	0.0023843	0.0028851	0.0034335	0.0230147	0.0288488	3.5559928	0.001545
San Diego	2021 ConstMin - !Aggregate	300 Diesel	0.0025972	0.0031426	0.00374	0.0152556	0.0351361	4.2013365	0.0015298
San Diego	2021 ConstMin - !Aggregate	50 Diesel	0.0010168	0.0012303	0.0014642	0.0112306	0.0107534	1.7756239	0.0003801
San Diego	2021 ConstMin - !Aggregate	75 Diesel	0.0025746	0.0031153	0.0037075	0.0574692	0.0412976	9.2659862	0.0016575
San Diego	2021 ConstMin - !Aggregate	100 Diesel	5.11E-05	6.18E-05	7.35E-05	0.0010237	0.0009338	0.1577977	6.08E-05
San Diego	2021 ConstMin - !Aggregate	175 Diesel	1.56E-05	1.89E-05	2.25E-05	0.0003451	0.0002025	0.0636902	8.46E-06
San Diego	2021 ConstMin - !Aggregate	300 Diesel	9.28E-06	1.12E-05	1.34E-05	0.0001093	0.0001383	0.0591716	3.94E-06
San Diego	2021 ConstMin - ^Aggregate	50 Diesel	0.003806	0.0046052	0.0054806	0.0298601	0.0257464	3.5100507	0.0015502
San Diego	2021 ConstMin - ^Aggregate	75 Diesel	0.0012605	0.0015252	0.0018151	0.0050735	0.0119697	0.4974021	0.0009585
San Diego	2021 ConstMin - ^Aggregate	100 Diesel	0.0246933	0.0298789	0.0355584	0.3739491	0.3059411	55.943552	0.0177851
San Diego	2021 ConstMin - ^Aggregate	175 Diesel	0.0034101	0.0041262	0.0049106	0.0577038	0.0385018	9.7637447	0.0019436
San Diego	2021 ConstMin - ^Aggregate	300 Diesel	0.0020239	0.0024489	0.0029144	0.0140827	0.0279459	5.8840131	0.0009588
San Diego	2021 Industrial - fAggregate	50 Diesel	0.0019131	0.0023149	0.0027549	0.0127861	0.0104423	1.3578688	0.0007342
San Diego	2021 Industrial - fAggregate	75 Diesel	0.0003081	0.0003728	0.0004437	0.001234	0.0029294	0.1176506	0.0002319
San Diego	2021 Industrial - fAggregate	100 Diesel	0.0102395	0.0123898	0.0147449	0.1140976	0.1134487	16.237208	0.0080286
San Diego	2021 Industrial - fAggregate	175 Diesel	0.0025045	0.0030304	0.0036064	0.0316537	0.0286833	5.1693527	0.0015511

San Diego	2021 Industrial - F Aggregate	300 Diesel	0.0004514	0.0005462	0.0006501	0.0029924	0.005632	1.1268767	0.0002211
San Diego	2021 OFF - Light C Aggregate	50 Diesel	0.0103515	0.0123191	0.0149061	0.0844123	0.0742721	10.193033	0.0036848
San Diego	2021 Portable Eq Aggregate	50 Diesel	1.44E-05	1.75E-05	2.08E-05	0.0002273	0.0002181	0.0299452	1.01E-05
San Diego	2021 Portable Eq Aggregate	75 Diesel	0.0001675	0.0002026	0.0002411	0.0029626	0.0025683	0.4456888	9.81E-05
San Diego	2021 Portable Eq Aggregate	100 Diesel	0.0002234	0.0002703	0.0003217	0.0041693	0.0032169	0.6127373	0.0002115
San Diego	2021 Portable Eq Aggregate	175 Diesel	0.000347	0.0004198	0.0004996	0.0085565	0.0066772	1.5208651	0.0002908
San Diego	2021 Portable Eq Aggregate	300 Diesel	0.0001893	0.0002291	0.0002726	0.0012245	0.0034819	0.6134163	0.000111
San Diego	2021 Portable Eq Aggregate	50 Diesel	7.29E-05	8.82E-05	0.0001049	0.0010525	0.0009375	0.1024235	4.45E-05
San Diego	2021 Portable Eq Aggregate	75 Diesel	0.0010331	0.0012501	0.0014877	0.0147651	0.0115271	1.9853467	0.0004868
San Diego	2021 Portable Eq Aggregate	100 Diesel	0.0015619	0.0018899	0.0022491	0.0234678	0.0173318	3.0637321	0.0013379
San Diego	2021 Portable Eq Aggregate	175 Diesel	0.003408	0.0041237	0.0049075	0.0587867	0.0325992	8.9578483	0.0018341
San Diego	2021 Portable Eq Aggregate	300 Diesel	0.0024403	0.0029528	0.0035141	0.0122094	0.0277293	5.062672	0.0011221
San Diego	2021 Portable Eq Aggregate	50 Diesel	4.48E-05	5.42E-05	6.45E-05	0.0006468	0.0005686	0.0629425	2.76E-05
San Diego	2021 Portable Eq Aggregate	75 Diesel	0.0012616	0.0015265	0.0018167	0.0194155	0.0150336	2.6780026	0.0005832
San Diego	2021 Portable Eq Aggregate	100 Diesel	0.0014749	0.0017847	0.0021239	0.0304624	0.0196902	4.211525	0.0014083
San Diego	2021 Portable Eq Aggregate	175 Diesel	0.0026036	0.0031504	0.0037492	0.0503286	0.0266964	7.7662883	0.0012047
San Diego	2021 Portable Eq Aggregate	300 Diesel	0.0015146	0.0018327	0.0021811	0.0112521	0.0096904	5.0988004	0.0004145

PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consun	Total_Activi	Total_Popul	Horsepower_H
3.31E-05	2.95E-07	2.63E-07	1044.6356	1514.8353	3.5090285	62456.05592
2.08E-05	1.20E-07	1.07E-07	424.26601	406.68797	1.0965714	28293.22643
0.0005137	6.77E-06	6.00E-06	23841.996	18230.639	41.669714	1606385.796
0.0010519	2.05E-05	1.81E-05	72030.168	32973.419	72.921999	4828731.836
0.0011545	3.57E-05	3.16E-05	125611.81	38192.148	81.804227	8434759.167
0.0013144	3.84E-05	3.40E-05	135258.05	172077.62	237.94464	6158079.83
6.72E-05	2.79E-06	2.47E-06	9808.4655	6681.7816	8.5816101	497318.1901
0.0014431	4.72E-05	4.17E-05	165860.32	103092	162.95307	8434858.85
0.0019825	0.0001055	9.33E-05	370702.85	128442.8	219.70872	18757532.64
0.0013894	0.0001351	0.0001194	474634.17	109780.05	190.64827	24012281.25
2.81E-05	2.45E-07	2.19E-07	868.63795	989.97719	2.841896	36958.13443
2.28E-05	3.70E-07	3.27E-07	1301.0314	844.60057	2.1559211	61789.38014
0.0006817	5.24E-06	4.65E-06	18488.226	9857.0662	27.145006	885469.1219
0.0032186	6.45E-05	5.71E-05	226778.53	72034.007	154.34435	10697837.57
0.0034175	0.0001359	0.0001201	477536.67	104280.07	138.95891	22585838.67
7.44E-05	1.47E-06	1.30E-06	5169.8192	8205.4222	5.1481507	237036.3952
8.18E-06	4.63E-07	4.09E-07	1626.6349	1159.1027	0.762689	82447.71091
5.16E-05	1.07E-06	9.43E-07	3746.7292	2164.1821	1.7160502	189517.931
0.0008023	3.65E-05	3.23E-05	128407.9	41262.828	29.744871	6510949.679
0.0011728	7.45E-05	6.59E-05	261939.53	63092.469	50.051465	13326032.53
6.60E-05	1.05E-06	9.33E-07	3707.9741	4004.9968	11.419973	155438.9414
0.0002626	1.85E-06	1.64E-06	6533.4854	4192.4826	12.181305	305463.599
0.0002795	8.30E-06	7.34E-06	29163.047	16816.238	42.920066	1363579.422
0.000352	1.40E-05	1.23E-05	49038.839	14441.024	37.876245	2279500.527
0.0001486	1.09E-05	9.65E-06	38347.543	8072.8471	18.176791	1787800.454

4.51E-05	1.31E-06	1.16E-06	4617.6274	6548.0165	14.061983	227204.6978
1.59E-05	2.11E-07	1.87E-07	744.45832	604.56762	1.5202144	40599.16858
0.0002176	5.54E-06	4.90E-06	19473.799	11845.278	26.128685	1059732.607
0.0001342	5.84E-06	5.16E-06	20519.902	7672.8384	16.722359	1119490.918
7.22E-05	4.22E-06	3.73E-06	14823.629	3447.1939	7.4110453	805747.0536
0.0010782	2.16E-05	1.92E-05	76137.889	98782.602	288.67898	3527243.298
3.61E-05	1.79E-07	1.60E-07	635.80333	467.92934	2.0556997	32683.65947
0.0013606	3.37E-05	2.98E-05	118373.02	69899.735	213.30332	6096463.037
0.0006431	3.50E-05	3.10E-05	123061.6	44142.292	124.51667	6348527.263
0.0001104	5.80E-06	5.13E-06	20378.201	4856.0102	15.956146	1049601.204
5.53E-05	9.28E-07	8.23E-07	3273.0083	3489.6042	3.6322075	143931.0302
0.0001189	7.48E-07	6.65E-07	2643.111	1859.3067	2.8871393	128027.9805
0.000388	3.61E-06	3.20E-06	12736.168	7356.1587	8.2888839	617281.0484
0.0002897	4.00E-06	3.55E-06	14093.818	4694.5838	6.2399463	689443.9762
0.0002813	4.40E-06	3.89E-06	15478.006	3466.1565	5.122344	756445.3993
6.49E-06	4.57E-08	4.09E-08	162.77376	185.40553	0.5758838	5997.885017
8.08E-05	5.53E-07	4.91E-07	1952.2322	1170.9481	2.7834385	77773.59071
0.0001973	2.44E-06	2.16E-06	8599.008	3797.0748	6.2387414	343510.767
0.0014214	3.28E-05	2.90E-05	115370.27	27543.719	62.291434	4602308.085
0.0014074	3.88E-05	3.43E-05	136307.74	24535.945	61.235647	5482181.648
0.0003497	1.64E-05	1.45E-05	57608.163	62194.164	199.87842	2709436.348
0.0015249	8.56E-05	7.56E-05	300624.72	223760.26	633.8237	15773005.58
5.60E-05	1.46E-06	1.29E-06	5119.5733	3588.2991	11.197948	272396.2056
7.78E-06	5.88E-07	5.20E-07	2066.3591	714.01256	2.675616	108707.5736
3.63E-06	5.47E-07	4.83E-07	1919.7581	491.26123	1.6846471	100721.0824
0.0014261	3.23E-05	2.86E-05	113879.73	142928.18	279.73601	5420023.477
0.0008819	4.56E-06	4.06E-06	16137.663	11815.569	52.730726	848389.5801
0.0163623	0.0005165	0.0004566	1815026.9	1142333.6	1846.6476	94963946.93
0.0017881	9.02E-05	7.97E-05	316773.94	116575.94	212.48241	16723978.87
0.0008821	5.43E-05	4.80E-05	190900.32	48668.604	88.501847	10025936.34
0.0006754	1.25E-05	1.11E-05	44054.556	89798.876	124.0863	3806957.786
0.0002133	1.08E-06	9.60E-07	3817.0449	5025.9399	9.9474142	368093.6111
0.0073863	0.0001498	0.0001325	526798.32	615621.48	818.04663	50747342.01
0.001427	4.77E-05	4.22E-05	167713.96	114250.11	154.2362	16142154.22

0.0002034	1.04E-05	9.20E-06	36560.273	16724.188	22.561146	3510460.876
0.00339	0.0001318	8.59E-05	341439.25	286911.9	446.75	13197947.4
9.28E-06	2.76E-07	2.44E-07	971.53877	1373.6663	3.4511972	57075.06174
9.02E-05	4.12E-06	3.64E-06	14459.883	14194.552	35.662371	944376.4417
0.0001946	5.66E-06	5.00E-06	19879.586	15110.33	37.963169	1298337.749
0.0002676	1.41E-05	1.24E-05	49342.792	20604.995	51.767957	3222582.688
0.0001021	5.67E-06	5.01E-06	19901.617	4578.8878	11.503991	1299776.616
4.09E-05	9.45E-07	8.36E-07	3323.0184	4582.9065	3.4511972	195217.6148
0.0004479	1.83E-05	1.62E-05	64412.389	62633.056	47.166361	4206779.585
0.0012309	2.83E-05	2.50E-05	99399.415	65688.327	49.467159	6491785.765
0.0016874	8.27E-05	7.31E-05	290627.52	126793.75	95.483122	18980912.68
0.0010323	4.67E-05	4.13E-05	164252.82	42773.794	32.211174	10727367.95
2.54E-05	5.81E-07	5.14E-07	2042.0999	3272.32	2.3007981	119967.3973
0.0005365	2.47E-05	2.19E-05	86884.844	83444.16	58.670352	5674457.894
0.0012956	3.89E-05	3.44E-05	136638.29	89988.8	63.271948	8923860.542
0.0011083	7.17E-05	6.34E-05	251968.67	111258.88	78.227136	16456099.28
0.0003813	4.71E-05	4.16E-05	165424.96	42540.16	29.910375	10803921.04