

## SJV NOx Emissions (annual)

<b>Stationary Sources</b>	<b>2013</b>	<b>2019</b>	<b>2021</b>	<b>2025</b>
ELECTRIC UTILITIES	4.4143	4.2974	4.2708	4.4563
COGENERATION	1.612	1.9716	2.0337	2.1483
OIL AND GAS PRODUCTION (COMBUSTION)	3.0846	2.4641	2.3121	2.0338
PETROLEUM REFINING (COMBUSTION)	0.186	0.1659	0.1619	0.1537
MANUFACTURING AND INDUSTRIAL	5.192	5.1879	5.2324	5.2581
FOOD AND AGRICULTURAL PROCESSING	11.4905	5.1757	4.7754	3.9902
SERVICE AND COMMERCIAL	4.5684	4.6444	4.6456	4.5019
OTHER (FUEL COMBUSTION)	0.6433	0.5083	0.4266	0.4292
<b><i>Fuel Combustion Total</i></b>	<b>31.1911</b>	<b>24.4153</b>	<b>23.8585</b>	<b>22.9715</b>
SEWAGE TREATMENT	0.033	0.0354	0.0365	0.0388
LANDFILLS	0.1689	0.1815	0.1867	0.1984
INCINERATORS	0.0393	0.0427	0.0434	0.0459
SOIL REMEDIATION	0.0052	0.0051	0.0051	0.0053
OTHER (WASTE DISPOSAL)	0.0013	0.0013	0.0013	0.0014
<b><i>Waste Disposal Total</i></b>	<b>0.2477</b>	<b>0.266</b>	<b>0.273</b>	<b>0.2898</b>
OIL AND GAS PRODUCTION	0.3606	0.3153	0.302	0.2762
PETROLEUM REFINING	0.0108	0.0108	0.0108	0.0108
PETROLEUM MARKETING	0.0382	0.0406	0.0402	0.0381
<b><i>Petroleum Production and Marketing Total</i></b>	<b>0.4096</b>	<b>0.3667</b>	<b>0.353</b>	<b>0.3251</b>
CHEMICAL	0.3072	0.3351	0.3499	0.3828
MINERAL PROCESSES	0.2045	0.2406	0.2489	0.2677
METAL PROCESSES	0.0001	0.0001	0.0001	0.0001
GLASS AND RELATED PRODUCTS	6.2132	3.3002	3.4132	3.504
ELECTRONICS	0.0001	0.0001	0.0001	0.0001
OTHER (INDUSTRIAL PROCESSES)	0.0003	0.0003	0.0003	0.0003
<b><i>Industrial Processes Total</i></b>	<b>6.7254</b>	<b>3.8764</b>	<b>4.0125</b>	<b>4.155</b>
<b>Areawide Sources</b>				
RESIDENTIAL FUEL COMBUSTION	<b>6.3926</b>	<b>6.2656</b>	<b>6.1192</b>	<b>5.7016</b>
FIRES	<b>0.0312</b>	<b>0.0338</b>	<b>0.0347</b>	<b>0.0368</b>
MANAGED BURNING AND DISPOSAL	<b>1.6733</b>	<b>1.6494</b>	<b>1.6417</b>	<b>1.6261</b>
<b>Mobile Sources</b>				
<b>On-Road</b>				
LIGHT DUTY PASSENGER (LDA)	9.5549	4.9428	4.1326	3.1095
MOTORCYCLES (MCY)	0.9229	0.8471	0.8366	0.8285
<b><i>Light Duty Cars Total</i></b>	<b>10.4778</b>	<b>5.7899</b>	<b>4.9692</b>	<b>3.938</b>

## SJV NOx Emissions (annual) (con.)

LIGHT DUTY TRUCKS - 1 (LDT1)	2.8113	1.1264	0.8573	0.5336
LIGHT DUTY TRUCKS - 2 (LDT2)	7.0124	3.2861	2.6244	1.8649
MEDIUM DUTY TRUCKS (MDV)	10.0096	5.3428	4.0788	2.3926
<b>LD/MD Truck Total</b>	<b>19.8333</b>	<b>9.7553</b>	<b>7.5605</b>	<b>4.7911</b>
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	2.957	1.8072	1.5275	1.0444
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.4109	0.2357	0.1927	0.1259
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	0.7744	0.3351	0.2539	0.155
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	0.2315	0.1515	0.1342	0.1113
LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	11.0142	6.7623	5.4958	3.4715
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	2.7735	1.4878	1.1359	0.6035
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	18.1943	10.2	6.4964	5.1912
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	110.0503	64.3613	57.1517	32.6149
<b>HD Truck Total</b>	<b>146.4061</b>	<b>85.3409</b>	<b>72.3881</b>	<b>43.3177</b>
HEAVY DUTY DIESEL URBAN BUSES (UB)	3.4298	1.8379	1.4628	0.9447
HEAVY DUTY GAS URBAN BUSES (UB)	0.2425	0.1632	0.1411	0.106
SCHOOL BUSES - GAS (SBG)	0.0702	0.0343	0.0276	0.0175
SCHOOL BUSES - DIESEL (SBD)	1.0726	0.8434	0.7476	0.5632
OTHER BUSES - GAS (OBG)	0.2013	0.1096	0.0892	0.0621
OTHER BUSES - MOTOR COACH - DIESEL (OBC)	0.4394	0.2746	0.2354	0.1268
ALL OTHER BUSES - DIESEL (OBD)	0.5159	0.326	0.248	0.1582
MOTOR HOMES (MH)	0.4049	0.2425	0.1975	0.1296
<b>Bus Total</b>	<b>6.3766</b>	<b>3.8315</b>	<b>3.1492</b>	<b>2.1081</b>
<b>Off-Road</b>				
AIRCRAFT	<b>2.4681</b>	<b>4.5561</b>	<b>4.5528</b>	<b>4.548</b>
TRAINS	<b>12.52</b>	<b>10.1522</b>	<b>9.5074</b>	<b>7.9056</b>
OCEAN GOING VESSELS	0.3739	0.1533	0.161	0.1801
COMMERCIAL HARBOR CRAFT	0.6622	0.4766	0.4463	0.4097
<b>Shipping Total</b>	<b>1.0361</b>	<b>0.6299</b>	<b>0.6073</b>	<b>0.5898</b>
RECREATIONAL BOATS	1.5311	1.3329	1.2786	1.1884
OFF-ROAD RECREATIONAL VEHICLES	0.1251	0.1635	0.1737	0.1927
<b>Recreation Boat and Off-Road Total</b>	<b>1.6562</b>	<b>1.4964</b>	<b>1.4523</b>	<b>1.3811</b>
CONSTRUCTION AND MINING	<b>10.537</b>	<b>10.11</b>	<b>9.82</b>	<b>7.638</b>
OIL DRILLING AND WORKOVER	<b>4.166</b>	<b>2.513</b>	<b>2.081</b>	<b>1.476</b>
Remaining Off-Road Equipment	<b>6.65</b>	<b>4.849</b>	<b>4.539</b>	<b>4.296</b>
FARM EQUIPMENT	<b>48.4147</b>	<b>38.5654</b>	<b>34.0228</b>	<b>26.617</b>
<b>SJV NOx TOTAL</b>	<b>317.21</b>	<b>214.46</b>	<b>190.94</b>	<b>143.71</b>