

**Top 10 Source Categories  
San Joaquin Valley Air Basin  
of ROG and NOx**

Rankings			Summer Emissions:	ROG (tpd)		
2005	2014	2023	SOURCE CATEGORY	2005	2014	2023
1	2	4	Light Duty Passenger Cars	79	48	30
2	1	1	Livestock Waste (Dairy Cattle)	39	51	64
3	3	2	Prescribed Burning	34	33	31
4	5	5	Oil and Gas Production (Evaporative Losses)	28	26	23
5	7	8	Recreational Boats	26	21	18
6	4	3	Consumer Products	23	27	31
7	6	6	Pesticides	23	21	21
8	12	16	Heavy Duty Diesel Trucks	13	8	6
9	9	9	Food and Agriculture (Crop Processing and Wineries)	13	14	15
10	8	7	Coatings (Paints and Thinners - Non Architectural)	12	16	19
<b>Total of Top 10</b>				<b>290</b>	<b>265</b>	<b>258</b>
<b>Total of SJVAB</b>				<b>436</b>	<b>399</b>	<b>393</b>
<b>Top 10 as % of Total Emissions</b>				<b>67%</b>	<b>66%</b>	<b>66%</b>

Rankings			Summer Emissions:	NOx (tpd)		
2005	2014	2023	SOURCE CATEGORY	2005	2014	2023
1	1	1	Heavy Duty Diesel Trucks	226	127	73
2	4	5	Light Duty Passesnger Cars	63	33	16
3	3	4	Farm Equipment (Tractors)	62	37	17
4	2	2	Manufacturing and Industrial (Boilers and IC Engines)	38	44	47
5	6	12	Off-road Equipment(Construction and Mining)	36	18	8
6	5	3	Trains	24	21	22
7	7	7	Agricultural Irrigation Pumps	22	17	10
8	8	9	Off-road Equipment (Other)	21	15	9
9	9	8	Oil and Gas Production (Combustion)	11	10	10
10	13	11	Cogeneration (Electricity Generation and Heat Recovery)	10	7	8
<b>Total of Top 10</b>				<b>513</b>	<b>329</b>	<b>220</b>
<b>Total of SJVAB</b>				<b>520</b>	<b>335</b>	<b>227</b>
<b>Top 10 as % of Total Emissions</b>				<b>99%</b>	<b>98%</b>	<b>97%</b>

This inventory is based on the July 12, 2006 update of the California Emissions Forecast System (CEFS) Ozone SIP Planning Projections.