

APPENDIX VIII

MATES III

DRAFT FINAL REPORT

1998 and 2005 Emissions by Major Source Category

Author

Tom Chico

Appendix VIII

1998 and 2005 Emissions by Major Source Category

The 2005 air toxic inventory by major source category is contained in Table VIII-1 in this appendix. Toxic gases in alphabetical order are provided first followed by particulate components also in alphabetical order. With two exceptions, the particulates are estimated total mass from all size fractions. Diesel particulate matter (DPM) and elemental carbon (EC) mass for the 2.5 μm size category are also provided in Table VIII-1.

The 2005 criteria pollutant (i.e., TOG, VOC, CO, NO_x, SO_x, TSP, PM₁₀, and PM_{2.5}) inventories are provided in Table VIII-2 so as to demonstrate consistency with the 2007 AQMP. Lastly, the 1998 air toxic and criteria pollutant inventories by major source category are provided in Tables VIII-3 and VIII-4, respectively.

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetalde- hyde	Acetone	Benzene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloro- ethane	1,4 dioxane	Ethylene dibromide
Fuel Combustion										
10	Electric Utilities	20.34	18.40	167.59	0.47	0.00	0.00	0.00	0.00	0.00
20	Cogeneration	0.59	0.00	2.17	0.00	0.00	0.00	0.00	0.00	0.00
30	Oil and Gas Production	2.07	0.89	17.41	0.03	0.00	0.00	0.00	0.00	0.00
40	Petroleum Refining	1.30	0.11	12.02	0.20	0.00	0.00	0.00	0.00	0.00
50	Manufacturing and Industrial	19.43	12.85	114.02	1.04	0.00	0.00	0.00	0.00	0.00
52	Food and Agricultural Processing	15.33	15.64	13.87	0.41	0.00	0.00	0.00	0.00	0.00
60	Service and Commercial	27.28	22.16	118.62	2.13	0.00	0.00	0.00	0.00	0.00
99	Other	17.53	10.23	50.03	12.06	0.00	0.00	0.00	0.00	0.00
	Total	103.87	80.29	495.73	16.33	0.00	0.00	0.00	0.00	0.00
Waste Disposal										
110	Sewage Treatment	3.89	4.31	11.84	0.00	1.74	192.44	0.00	0.76	0.58
120	Landfills	0.00	0.90	1.91	0.00	0.00	0.00	0.52	0.00	0.00
130	Incineration	0.00	0.00	80.87	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	0.24	2532.49	0.69	0.00	0.11	11.91	0.00	0.05	0.04
	Total	4.13	2537.69	95.31	0.00	1.85	204.35	0.52	0.81	0.62
Cleaning and Surface Coatings										
210	Laundrying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	Degreasing	0.00	2544.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	0.01	1139.62	6.67	0.00	0.00	0.00	0.00	0.00	0.00
240	Printing	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	0.00	888.04	1.30	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.01	4573.67	7.97	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Production and Marketing										
310	Oil and Gas Production	0.00	0.00	48.02	0.00	0.00	0.00	0.00	0.00	0.00
320	Petroleum Refining	0.00	0.00	44.18	0.00	0.00	0.00	0.00	0.00	0.00
330	Petroleum Marketing	1.35	0.00	225.35	0.00	1.35	1.35	0.00	0.00	1.35
399	Other	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1.35	0.00	317.72	0.00	1.35	1.35	0.00	0.00	1.35

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetalde- hyde	Acetone	Benzene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloro- ethane	1,4 dioxane	Ethylene dibromide
Industrial Processes										
410	Chemical	48.03	69.71	325.92	532.67	7.77	1.06	0.00	0.00	0.03
420	Food and Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
430	Mineral Processes	0.00	0.00	11.92	0.04	0.00	0.00	0.00	0.00	0.00
440	Metal Processes	0.12	0.18	0.98	0.06	0.02	0.00	0.00	0.00	0.00
450	Wood and Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
460	Glass and Related Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470	Electronics	0.00	0.00	5.90	0.00	0.00	0.00	0.00	0.00	0.00
499	Other	0.69	1.20	13.62	0.37	0.23	0.16	0.00	0.00	0.14
	Total	48.84	71.09	358.34	533.13	8.03	1.23	0.00	0.00	0.18
Solvent Evaporation										
510	Consumer Products	0.00	16846.20	1.30	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	7.61	1230.45	17.93	0.00	0.00	0.00	0.00	0.66	0.00
530	Pesticides/Fertilizers	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.00	0.00	4.70	0.00	0.00	0.00	0.00	0.00	0.00
	Total	7.61	18076.93	23.93	0.00	0.00	0.00	0.00	0.66	0.00
Miscellaneous Processes										
610	Residential Fuel Combustion	465.10	343.21	216.85	0.00	0.00	0.00	0.00	0.00	0.00
620	Farming Operations	0.00	3774.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660	Fires	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
670	Waste Burning and Disposal	0.00	0.00	0.00	96.31	0.00	0.00	0.00	0.00	0.00
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	465.10	4117.59	216.85	96.31	0.00	0.00	0.00	0.00	0.00

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetaldehyde	Acetone	Benzene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloroethane	1,4 dioxane	Ethylene dibromide
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	889.67	519.31	5427.49	1109.11	0.00	0.00	0.00	0.00	0.00
722	Light Duty Trucks 1	250.63	141.34	1172.36	250.41	0.00	0.00	0.00	0.00	0.00
723	Light Duty Trucks 2	337.76	201.02	2236.18	463.48	0.00	0.00	0.00	0.00	0.00
724	Medium Duty Trucks	214.73	126.20	1295.45	286.67	0.00	0.00	0.00	0.00	0.00
732	Light Heavy Duty Gas Trucks 1	104.53	65.68	731.12	158.89	0.00	0.00	0.00	0.00	0.00
733	Light Heavy Duty Gas Trucks 2	19.52	12.13	130.64	28.75	0.00	0.00	0.00	0.00	0.00
734	Medium Heavy Duty Gas Trucks	53.28	33.69	335.64	82.39	0.00	0.00	0.00	0.00	0.00
736	Heavy Heavy Duty Gas Trucks	36.49	22.03	233.06	56.95	0.00	0.00	0.00	0.00	0.00
742	Light Heavy Duty Diesel Trucks 1	41.75	42.62	11.36	1.08	0.00	0.00	0.00	0.00	0.00
743	Light Heavy Duty Diesel Trucks 2	44.19	45.12	12.03	1.14	0.00	0.00	0.00	0.00	0.00
744	Medium Heavy Duty Diesel Truck	226.96	231.71	61.76	5.86	0.00	0.00	0.00	0.00	0.00
746	Heavy Heavy Duty Diesel Trucks	2326.69	2375.42	633.14	60.12	0.00	0.00	0.00	0.00	0.00
750	Motorcycles	194.22	96.94	809.68	185.25	0.00	0.00	0.00	0.00	0.00
760	Diesel Urban Buses	68.00	69.42	18.50	1.76	0.00	0.00	0.00	0.00	0.00
762	Gas Urban Buses	3.84	2.13	26.54	5.97	0.00	0.00	0.00	0.00	0.00
770	School Buses	17.69	16.95	16.21	3.15	0.00	0.00	0.00	0.00	0.00
776	Other Bus	12.21	10.55	32.69	7.88	0.00	0.00	0.00	0.00	0.00
780	Motor Homes	14.83	8.26	60.91	14.24	0.00	0.00	0.00	0.00	0.00
	Total	4856.99	4020.52	13244.76	2723.10	0.00	0.00	0.00	0.00	0.00
Other Mobile Sources										
810	Aircraft	790.31	4.19	388.71	309.55	0.00	0.00	0.00	0.00	0.00
820	Trains	449.99	459.41	122.45	11.63	0.00	0.00	0.00	0.00	0.00
830	Ships and Commercial Boats	446.97	456.33	172.53	11.55	0.00	0.00	0.00	0.00	0.00
840	Recreational Boats	705.58	363.78	2390.09	566.41	0.00	0.00	0.00	0.00	0.00
850	Off-Road Recreational Vehicles	72.90	35.18	277.39	62.22	0.00	0.00	0.00	0.00	0.00
860	Off-Road Equipment	5938.72	5649.52	4274.11	785.86	0.00	0.00	0.00	0.00	0.00
870	Farm Equipment	217.91	220.66	71.60	8.42	0.00	0.00	0.00	0.00	0.00
890	Fuel Storage and Handling	0.00	0.00	111.44	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8622.38	7189.07	7808.33	1755.64	0.00	0.00	0.00	0.00	0.00
	Total Stationary and Area Sources	630.91	29457.25	1515.85	645.78	11.22	206.93	0.52	1.46	2.15
	Total On-Road Vehicles	4856.99	4020.52	13244.76	2723.10	0.00	0.00	0.00	0.00	0.00
	Total Other Mobile	8622.38	7189.07	7808.33	1755.64	0.00	0.00	0.00	0.00	0.00
	Total Anthropogenic	14110.29	40666.85	22568.94	5124.52	11.22	206.93	0.52	1.46	2.15

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Ethylene dichloride	Ethylene oxide	Formaldehyde	Methyl ethyl ketone	Methylene chloride	MTBE	Naphthalene	p-Dichlorobenzene	Perchloroethylene
Fuel Combustion										
10	Electric Utilities	0.00	0.00	412.13	3.62	0.00	0.00	0.21	0.00	0.00
20	Cogeneration	0.00	0.00	15.95	0.00	0.00	0.00	0.00	0.00	0.00
30	Oil and Gas Production	0.00	0.00	59.60	0.18	0.00	0.00	0.01	0.00	0.00
40	Petroleum Refining	0.00	0.00	275.68	0.01	0.00	0.00	0.03	0.00	0.00
50	Manufacturing and Industrial	0.00	0.00	383.56	2.50	0.00	0.00	0.26	0.00	0.00
52	Food and Agricultural Processing	0.00	0.00	49.97	3.08	0.00	0.00	0.18	0.00	0.00
60	Service and Commercial	0.00	0.00	339.12	4.33	0.00	0.00	0.53	0.00	0.00
99	Other	0.00	0.00	53.22	1.56	0.00	0.00	1.95	0.00	0.00
	Total	0.00	0.00	1589.23	15.27	0.00	0.00	3.18	0.00	0.00
Waste Disposal										
110	Sewage Treatment	1.06	0.33	20.77	0.00	295.71	0.00	0.00	29.28	240.93
120	Landfills	0.08	0.00	44.93	1.12	2.69	0.00	0.00	0.00	1.37
130	Incineration	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	0.07	0.00	1.25	0.00	18.30	0.00	0.00	1.81	14.91
	Total	1.21	0.33	67.58	1.12	316.70	0.00	0.00	31.10	257.21
Cleaning and Surface Coatings										
210	Laundering	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4681.60
220	Degreasing	0.00	0.00	0.00	1030.23	5283.64	0.00	24.86	0.00	664.31
230	Coatings and Related Processes	0.01	0.00	0.01	2581.70	8.35	0.00	6.67	0.01	160.50
240	Printing	0.00	0.00	0.00	617.33	0.00	0.00	16.57	0.00	1.41
250	Adhesives and Sealants	0.00	0.00	0.00	746.72	23.85	0.00	0.00	0.00	0.00
299	Other	0.00	13.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.01	13.97	0.01	4976.00	5315.85	0.00	48.09	0.01	5507.82
Petroleum Production and Marketing										
310	Oil and Gas Production	0.00	0.00	2.79	0.00	0.00	0.00	0.00	0.00	0.00
320	Petroleum Refining	0.00	0.00	164.76	0.00	0.00	0.00	0.01	0.00	0.00
330	Petroleum Marketing	0.00	0.00	1.35	0.00	0.00	1.35	5.17	0.00	0.00
399	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	168.90	0.00	0.00	1.35	5.18	0.00	0.00

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Ethylene dichloride	Ethylene oxide	Formaldehyde	Methyl ethyl ketone	Methylene chloride	MTBE	Naphthalene	p-Dichlorobenzene	Perchloroethylene
Industrial Processes										
410	Chemical	65.03	1.81	1.18	54.25	0.00	88.05	0.22	83.09	0.00
420	Food and Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
430	Mineral Processes	0.00	0.00	14.15	0.00	0.00	0.00	4.28	0.00	0.00
440	Metal Processes	0.16	0.00	0.17	0.12	0.00	0.00	0.01	0.21	0.00
450	Wood and Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
460	Glass and Related Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
470	Electronics	0.00	0.00	0.12	0.00	0.00	0.00	0.01	0.00	0.00
499	Other	0.74	0.02	2.20	0.73	0.00	0.14	0.05	0.95	0.00
	Total	65.93	1.83	17.83	55.10	0.00	88.20	4.58	84.25	0.00
Solvent Evaporation										
510	Consumer Products	0.00	52.57	8.97	2047.58	7969.87	0.00	387.65	5553.91	4854.28
520	Architectural Coatings & Related Solvent	0.00	0.00	1.74	615.95	270.94	0.00	57.88	0.00	6.43
530	Pesticides/Fertilizers	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
540	Asphalt Paving/Roofing	0.00	0.00	0.00	0.00	0.00	0.00	78.16	0.00	0.00
	Total	0.00	52.57	10.71	2663.53	8240.81	0.00	523.70	5553.91	4860.71
Miscellaneous Processes										
610	Residential Fuel Combustion	0.00	0.00	936.54	0.00	0.00	0.00	0.00	0.00	0.00
620	Farming Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660	Fires	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
670	Waste Burning and Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	936.54	0.00	0.00	0.00	0.00	0.00	0.00

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Ethylene dichloride	Ethylene oxide	Formaldehyde	Methyl ethyl ketone	Methylene chloride	MTBE	Naphthalene	p-Dichlorobenzene	Perchloroethylene
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	0.00	0.00	2965.32	81.89	0.00	0.00	253.03	0.00	0.00
722	Light Duty Trucks 1	0.00	0.00	791.73	22.09	0.00	0.00	53.14	0.00	0.00
723	Light Duty Trucks 2	0.00	0.00	1196.68	30.74	0.00	0.00	96.71	0.00	0.00
724	Medium Duty Trucks	0.00	0.00	749.70	19.37	0.00	0.00	49.36	0.00	0.00
732	Light Heavy Duty Gas Trucks 1	0.00	0.00	361.51	11.17	0.00	0.00	30.32	0.00	0.00
733	Light Heavy Duty Gas Trucks 2	0.00	0.00	64.52	2.27	0.00	0.00	5.45	0.00	0.00
734	Medium Heavy Duty Gas Trucks	0.00	0.00	166.64	8.33	0.00	0.00	10.37	0.00	0.00
736	Heavy Heavy Duty Gas Trucks	0.00	0.00	134.34	4.59	0.00	0.00	5.82	0.00	0.00
742	Light Heavy Duty Diesel Trucks 1	0.00	0.00	83.54	8.39	0.00	0.00	0.48	0.00	0.00
743	Light Heavy Duty Diesel Trucks 2	0.00	0.00	88.43	8.88	0.00	0.00	0.51	0.00	0.00
744	Medium Heavy Duty Diesel Truck	0.00	0.00	454.16	45.59	0.00	0.00	2.62	0.00	0.00
746	Heavy Heavy Duty Diesel Trucks	0.00	0.00	4655.91	467.33	0.00	0.00	26.90	0.00	0.00
750	Motorcycles	0.00	0.00	611.28	14.48	0.00	0.00	33.70	0.00	0.00
760	Diesel Urban Buses	0.00	0.00	136.08	13.66	0.00	0.00	0.79	0.00	0.00
762	Gas Urban Buses	0.00	0.00	17.50	0.27	0.00	0.00	0.66	0.00	0.00
770	School Buses	0.00	0.00	39.20	3.27	0.00	0.00	0.57	0.00	0.00
776	Other Bus	0.00	0.00	29.76	2.13	0.00	0.00	1.05	0.00	0.00
780	Motor Homes	0.00	0.00	50.34	1.17	0.00	0.00	1.96	0.00	0.00
	Total	0.00	0.00	12596.64	745.60	0.00	0.00	573.43	0.00	0.00
Other Mobile Sources										
810	Aircraft	0.00	0.00	2541.17	1.17	0.00	4.35	97.20	0.00	0.00
820	Trains	0.00	0.00	900.47	90.38	0.00	0.00	5.20	0.00	0.00
830	Ships and Commercial Boats	0.00	0.00	896.79	89.78	0.00	0.00	6.81	0.00	0.00
840	Recreational Boats	0.00	0.00	2125.73	50.08	0.00	0.00	90.76	0.00	0.00
850	Off-Road Recreational Vehicles	0.00	0.00	224.44	4.56	0.00	0.00	9.93	0.00	0.00
860	Off-Road Equipment	0.00	0.00	12760.68	1086.68	0.00	0.00	163.93	0.00	0.00
870	Farm Equipment	0.00	0.00	439.69	43.30	0.00	0.00	2.94	0.00	0.00
890	Fuel Storage and Handling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	19888.96	1365.95	0.00	4.35	376.77	0.00	0.00
	Total Stationary and Area Sources	67.15	68.70	2790.80	7711.03	13873.36	89.55	584.72	5669.27	10625.74
	Total On-Road Vehicles	0.00	0.00	12596.64	745.60	0.00	0.00	573.43	0.00	0.00
	Total Other Mobile	0.00	0.00	19888.96	1365.95	0.00	4.35	376.77	0.00	0.00
	Total Anthropogenic	67.15	68.70	35276.40	9822.58	13873.36	93.90	1534.93	5669.27	10625.74

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Propylene oxide	Styrene	Toluene	Trichloro-ethylene	Vinyl chloride	Arsenic	Cadmium	Chromium	Diesel PM (DPM)
Fuel Combustion										
10	Electric Utilities	0.00	0.14	88.12	0.00	0.00	0.00	0.00	0.09	164.77
20	Cogeneration	0.00	0.00	7.82	0.00	0.00	0.00	0.00	0.06	0.00
30	Oil and Gas Production	0.00	0.01	8.33	0.00	0.00	1.07	0.11	1.24	15.01
40	Petroleum Refining	0.00	0.03	6.71	0.00	0.00	0.00	1.44	15.95	0.00
50	Manufacturing and Industrial	0.00	0.21	61.15	0.00	0.00	0.02	0.28	3.30	111.50
52	Food and Agricultural Processing	0.00	0.12	10.39	0.00	0.00	0.00	0.02	0.19	166.81
60	Service and Commercial	0.00	0.41	64.89	0.00	0.00	0.02	0.01	0.29	166.76
99	Other	0.00	1.94	104.16	0.00	0.00	0.00	0.04	0.42	482.95
	Total	0.00	2.86	351.57	0.00	0.00	1.11	1.90	21.54	1107.81
Waste Disposal										
110	Sewage Treatment	0.10	0.75	251.27	29.62	1.29	0.00	0.00	0.00	0.00
120	Landfills	0.00	0.00	33.64	0.81	1.01	0.00	0.00	0.11	0.00
130	Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	0.00	0.03	78.96	1.83	0.08	0.26	0.02	0.26	0.00
	Total	0.10	0.78	363.88	32.27	2.38	0.26	0.03	0.37	0.00
Cleaning and Surface Coatings										
210	Laundering	0.00	0.00	0.00	4.68	0.00	0.00	0.00	0.00	0.00
220	Degreasing	0.00	1.96	596.15	538.55	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	0.00	0.52	13047.96	33.54	0.01	0.00	0.00	0.00	0.00
240	Printing	0.00	0.00	24.23	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	0.00	0.00	228.72	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	0.00	70.67	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	2.48	13967.73	576.78	0.01	0.00	0.00	0.00	0.00
Petroleum Production and Marketing										
310	Oil and Gas Production	0.00	0.00	28.58	0.00	0.00	0.00	0.00	0.00	0.00
320	Petroleum Refining	0.00	0.00	278.48	0.00	0.00	0.90	0.00	0.00	0.00
330	Petroleum Marketing	1.35	0.00	1074.70	0.00	0.00	0.00	0.00	0.00	0.00
399	Other	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1.35	0.00	1382.07	0.00	0.00	0.90	0.00	0.00	0.00

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Propylene oxide	Styrene	Toluene	Trichloro-ethylene	Vinyl chloride	Arsenic	Cadmium	Chromium	Diesel PM (DPM)
Industrial Processes										
410	Chemical	0.55	1329.04	1142.24	0.00	48.15	0.00	0.35	0.13	0.00
420	Food and Agriculture	0.00	0.00	69.35	0.00	0.00	0.02	0.00	0.45	0.00
430	Mineral Processes	0.00	0.04	6.66	0.00	0.00	13.37	1.07	26.59	0.00
440	Metal Processes	0.00	0.36	5.63	0.00	0.10	0.50	0.50	19.98	0.00
450	Wood and Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.00
460	Glass and Related Products	0.00	0.00	3.44	0.00	0.00	10.55	0.00	2.90	0.00
470	Electronics	0.00	0.03	13.25	0.00	0.00	0.00	0.01	0.01	0.00
499	Other	0.15	1.33	994.72	0.00	0.47	0.00	0.02	0.07	0.00
	Total	0.70	1330.81	2235.27	0.00	48.73	24.44	1.98	50.19	0.00
Solvent Evaporation										
510	Consumer Products	0.16	11.60	8901.95	611.09	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	0.00	60.44	1796.44	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.00	0.00	11.16	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.16	72.04	10709.87	611.09	0.00	0.00	0.00	0.00	0.00
Miscellaneous Processes										
610	Residential Fuel Combustion	0.00	0.00	255.18	0.00	0.00	0.13	0.06	0.09	0.00
620	Farming Operations	0.00	0.00	0.00	0.00	0.00	0.05	0.06	0.65	0.00
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	3.15	3.90	41.56	0.00
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	7.06	1.63	9.23	0.00
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	0.62	0.53	0.70	0.00
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.15	0.21	2.16	0.00
660	Fires	0.00	0.00	55.11	0.00	0.00	0.00	0.02	0.01	0.00
670	Waste Burning and Disposal	0.00	0.00	0.75	0.00	0.00	0.24	0.03	0.01	0.00
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	432.25	0.00	0.00	0.00	0.00	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	743.28	0.00	0.00	11.40	6.44	54.40	0.00

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Propylene oxide	Styrene	Toluene	Trichloro-ethylene	Vinyl chloride	Arsenic	Cadmium	Chromium	Diesel PM (DPM)
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	0.00	282.90	16501.81	0.00	0.00	0.06	0.01	9.48	222.20
722	Light Duty Trucks 1	0.00	52.35	3212.17	0.00	0.00	0.01	0.01	1.48	158.01
723	Light Duty Trucks 2	0.00	124.00	6728.93	0.00	0.00	0.03	0.00	5.72	44.20
724	Medium Duty Trucks	0.00	75.20	3685.78	0.00	0.00	0.01	0.00	2.61	23.00
732	Light Heavy Duty Gas Trucks 1	0.00	46.14	2264.76	0.00	0.00	0.00	0.00	0.34	0.00
733	Light Heavy Duty Gas Trucks 2	0.00	7.97	407.34	0.00	0.00	0.00	0.00	0.07	0.00
734	Medium Heavy Duty Gas Trucks	0.00	20.05	1020.57	0.00	0.00	0.00	0.00	0.05	0.00
736	Heavy Heavy Duty Gas Trucks	0.00	13.30	630.27	0.00	0.00	0.00	0.00	0.06	0.00
742	Light Heavy Duty Diesel Trucks 1	0.00	0.33	14.78	0.00	0.00	0.00	0.01	0.07	158.60
743	Light Heavy Duty Diesel Trucks 2	0.00	0.35	15.64	0.00	0.00	0.00	0.01	0.04	150.60
744	Medium Heavy Duty Diesel Truck	0.00	1.79	80.34	0.00	0.00	0.02	0.23	0.22	3479.60
746	Heavy Heavy Duty Diesel Trucks	0.00	18.35	823.57	0.00	0.00	0.07	1.15	0.71	17112.57
750	Motorcycles	0.00	31.56	1970.19	0.00	0.00	0.00	0.00	0.18	0.00
760	Diesel Urban Buses	0.00	0.54	24.07	0.00	0.00	0.00	0.03	0.02	399.00
762	Gas Urban Buses	0.00	1.33	63.26	0.00	0.00	0.00	0.00	0.01	0.00
770	School Buses	0.00	0.69	34.77	0.00	0.00	0.00	0.02	0.01	265.80
776	Other Bus	0.00	2.23	95.73	0.00	0.00	0.00	0.01	0.02	113.80
780	Motor Homes	0.00	2.63	133.96	0.00	0.00	0.00	0.00	0.04	37.20
	Total	0.00	681.71	37707.93	0.00	0.00	0.20	1.49	21.13	22164.56
Other Mobile Sources										
810	Aircraft	0.00	71.62	216.79	0.00	0.00	3.85	0.36	4.37	0.00
820	Trains	0.00	3.55	159.28	0.00	0.00	0.01	0.13	0.02	1884.39
830	Ships and Commercial Boats	0.00	3.53	208.87	0.00	0.00	0.00	0.00	0.00	11102.81
840	Recreational Boats	0.00	90.60	5146.49	0.00	0.00	0.00	0.00	2.65	42.80
850	Off-Road Recreational Vehicles	0.00	9.93	643.03	0.00	0.00	0.00	0.00	0.06	0.00
860	Off-Road Equipment	0.00	144.93	8328.80	0.00	0.00	0.09	1.57	2.04	23441.80
870	Farm Equipment	0.00	2.15	107.68	0.00	0.00	0.00	0.06	0.02	934.37
890	Fuel Storage and Handling	0.00	0.00	558.20	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	326.31	15369.16	0.00	0.00	3.95	2.13	9.16	37406.17
	Total Stationary and Area Sources	2.30	1408.97	29753.67	1220.14	51.12	38.11	10.34	126.50	1107.81
	Total On-Road Vehicles	0.00	681.71	37707.93	0.00	0.00	0.20	1.49	21.13	22164.56
	Total Other Mobile	0.00	326.31	15369.16	0.00	0.00	3.95	2.13	9.16	37406.17
	Total Anthropogenic	2.30	2416.99	82830.76	1220.14	51.12	42.27	13.95	156.79	60678.54

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	DPM2.5	Elemental carbon (EC)	EC2.5	Hexavalent chromium	Lead	Nickel	Organic carbon	Selenium	Silicon
Fuel Combustion										
10	Electric Utilities	159.33	949.06	947.35	0.00	0.00	0.09	15.30	0.01	1.11
20	Cogeneration	0.00	25.90	25.70	0.00	0.00	0.06	0.00	0.00	0.00
30	Oil and Gas Production	14.51	46.56	45.33	0.05	1.13	0.27	0.00	0.25	0.08
40	Petroleum Refining	0.00	432.90	418.33	0.01	1.44	15.95	0.00	15.80	0.00
50	Manufacturing and Industrial	107.81	804.11	800.45	0.01	0.30	3.28	0.00	3.06	0.61
52	Food and Agricultural Processing	156.32	61.76	61.16	0.00	0.02	0.19	0.00	0.19	0.92
60	Service and Commercial	161.19	1277.11	1276.34	0.01	0.04	0.26	0.00	0.14	0.92
99	Other	445.76	32.81	30.85	0.00	0.04	0.42	0.00	0.40	2.66
	Total	1044.92	3630.21	3605.51	0.09	2.95	20.54	15.30	19.84	6.30
Waste Disposal										
110	Sewage Treatment	0.00	2.80	2.80	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	0.00	303.13	283.19	0.00	0.13	0.06	72.13	0.00	0.00
130	Incineration	0.00	77.55	77.55	0.00	0.00	10.68	0.00	0.00	10.68
199	Other	0.00	7.47	7.21	0.01	0.27	0.03	0.13	0.02	0.55
	Total	0.00	390.95	370.75	0.02	0.40	10.77	72.26	0.02	11.22
Cleaning and Surface Coatings										
210	Laundering	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	Degreasing	0.00	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	0.00	696.49	644.83	0.00	0.00	0.00	0.00	0.00	0.00
240	Printing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	103.88	96.10	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	800.46	741.01	0.00	0.00	0.00	0.00	0.00	0.00
Petroleum Production and Marketing										
310	Oil and Gas Production	0.00	3.74	3.74	0.00	0.00	0.00	0.00	0.00	0.00
320	Petroleum Refining	0.00	128.19	125.47	0.00	0.90	0.90	0.00	0.00	176.90
330	Petroleum Marketing	0.00	29.71	27.48	0.00	0.00	0.00	0.00	0.00	0.00
399	Other	0.00	0.14	0.13	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	161.78	156.82	0.00	0.90	0.90	0.00	0.00	176.90

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	DPM2.5	Elemental carbon (EC)	EC2.5	Hexavalent chromium	Lead	Nickel	Organic carbon	Selenium	Silicon
Industrial Processes										
410	Chemical	0.00	162.36	146.85	0.00	0.14	0.39	38.22	0.00	2.85
420	Food and Agriculture	0.00	281.77	2.77	0.00	0.00	0.26	0.00	0.00	152.31
430	Mineral Processes	0.00	558.44	104.94	0.19	1.07	8.96	15.30	1.94	3313.62
440	Metal Processes	0.00	225.58	126.68	0.20	5.60	5.53	76.11	0.00	0.00
450	Wood and Paper	0.00	57.98	18.27	0.00	0.09	0.09	106.24	0.00	0.75
460	Glass and Related Products	0.00	60.14	60.96	0.15	2.90	0.30	0.00	20.05	26.88
470	Electronics	0.00	1.24	0.30	0.00	0.02	0.01	4.39	0.00	1.30
499	Other	0.00	238.10	170.24	0.00	0.23	0.13	43.24	0.07	25.61
	Total	0.00	1585.61	631.02	0.54	10.06	15.67	283.50	22.07	3523.32
Solvent Evaporation										
510	Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.00	24.82	22.96	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	24.82	22.96	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous Processes										
610	Residential Fuel Combustion	0.00	4865.58	4028.84	0.00	0.24	0.01	6901.64	0.02	0.21
620	Farming Operations	0.00	13.68	1.11	0.00	0.19	0.15	83.47	0.01	584.53
630	Construction and Demolition	0.00	857.82	56.16	0.00	103.33	10.95	8154.27	0.37	35286.99
640	Paved Road Dust	0.00	4190.52	289.15	0.49	67.33	6.52	32437.15	1.09	164880.42
645	Unpaved Road Dust	0.00	47.82	2.80	0.00	5.34	1.52	1383.84	0.12	13345.41
650	Fugitive Windblown Dust	0.00	31.62	1.86	0.00	3.37	0.53	274.09	0.02	1870.85
660	Fires	0.00	219.29	193.06	0.00	0.05	0.00	215.66	0.00	37.27
670	Waste Burning and Disposal	0.00	2227.61	1855.59	0.00	0.46	0.01	5818.64	0.03	15.70
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	13961.30	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	12453.94	6428.57	0.49	180.31	19.68	69230.07	1.66	216021.38

Table VIII-1. 2005 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	DPM2.5	Elemental carbon (EC)	EC2.5	Hexavalent chromium	Lead	Nickel	Organic carbon	Selenium	Silicon
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	204.42	2048.20	1269.56	0.47	0.84	6.55	2383.40	0.18	381.67
722	Light Duty Trucks 1	145.37	352.94	227.92	0.07	0.13	1.02	452.28	0.03	59.16
723	Light Duty Trucks 2	40.66	1466.12	1054.43	0.28	0.39	4.37	1066.53	0.08	177.07
724	Medium Duty Trucks	21.16	654.07	462.95	0.13	0.18	1.97	505.68	0.04	83.75
732	Light Heavy Duty Gas Trucks 1	0.00	85.56	47.16	0.02	0.04	0.24	110.68	0.01	13.91
733	Light Heavy Duty Gas Trucks 2	0.00	16.89	9.04	0.00	0.01	0.05	22.63	0.00	2.85
734	Medium Heavy Duty Gas Trucks	0.00	14.36	8.27	0.00	0.01	0.04	16.16	0.00	2.03
736	Heavy Heavy Duty Gas Trucks	0.00	9.56	5.85	0.00	0.00	0.04	11.26	0.00	2.56
742	Light Heavy Duty Diesel Trucks 1	145.91	53.07	41.88	0.00	0.02	0.04	138.01	0.00	4.10
743	Light Heavy Duty Diesel Trucks 2	138.55	46.61	38.75	0.00	0.01	0.03	122.11	0.00	2.78
744	Medium Heavy Duty Diesel Truck	3201.23	930.11	855.81	0.02	0.13	0.16	2474.50	0.02	20.49
746	Heavy Heavy Duty Diesel Trucks	15743.56	4531.81	4196.86	0.08	0.62	0.59	12062.58	0.11	79.41
750	Motorcycles	0.00	60.53	39.22	0.01	0.00	0.16	12.65	0.00	2.13
760	Diesel Urban Buses	367.08	104.74	97.64	0.00	0.01	0.02	279.41	0.00	2.04
762	Gas Urban Buses	0.00	2.35	1.45	0.00	0.00	0.01	2.43	0.00	0.29
770	School Buses	244.54	70.78	65.53	0.00	0.01	0.01	187.44	0.00	1.37
776	Other Bus	104.69	33.07	29.25	0.00	0.01	0.01	85.13	0.00	1.21
780	Motor Homes	34.22	17.40	12.12	0.00	0.01	0.02	39.80	0.00	1.87
	Total	20391.40	10498.17	8463.68	1.10	2.43	15.32	19972.68	0.49	838.69
Other Mobile Sources										
810	Aircraft	0.00	320.42	290.00	0.22	3.99	0.89	0.00	0.36	0.00
820	Trains	1715.04	484.54	453.39	0.01	0.06	0.03	1294.78	0.01	5.41
830	Ships and Commercial Boats	10365.17	444.11	414.61	0.03	0.00	0.00	0.00	0.00	61.07
840	Recreational Boats	39.39	1068.96	729.83	0.13	0.00	2.65	29.41	0.00	0.12
850	Off-Road Recreational Vehicles	0.00	24.96	16.97	0.00	0.00	0.06	0.00	0.00	0.00
860	Off-Road Equipment	21567.22	6750.75	6206.58	0.16	0.70	2.18	16107.07	0.12	67.25
870	Farm Equipment	859.71	243.65	229.59	0.00	0.03	0.02	642.01	0.00	2.68
890	Fuel Storage and Handling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	34546.53	9337.40	8340.97	0.56	4.78	5.84	18073.27	0.49	136.53
	Total Stationary and Area Sources	1044.92	19047.77	11956.64	1.14	194.63	67.55	69601.13	43.60	219739.11
	Total On-Road Vehicles	20391.40	10498.17	8463.68	1.10	2.43	15.32	19972.68	0.49	838.69
	Total Other Mobile	34546.53	9337.40	8340.97	0.56	4.78	5.84	18073.27	0.49	136.53
	Total Anthropogenic	55982.85	38883.34	28761.29	2.80	201.83	88.71	107647.08	44.58	220714.33

Table VIII-2. 2005 Criteria Pollutant Emissions (tons/day) by Major Source Category for the South Coast Air Basin

Code	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	6.10	1.34	12.57	0.86	0.33	1.08	1.08	1.08
20	Cogeneration	1.05	0.12	0.81	0.06	0.01	0.08	0.07	0.07
30	Oil and Gas Production	2.20	0.23	0.66	0.21	0.01	0.15	0.15	0.15
40	Petroleum Refining	3.58	1.31	13.62	0.00	0.00	1.76	1.69	1.66
50	Manufacturing and Industrial	12.21	1.64	8.49	9.12	1.21	1.23	1.21	1.21
52	Food and Agricultural Processing	0.23	0.14	0.91	1.58	0.01	0.15	0.15	0.15
60	Service and Commercial	7.92	1.30	10.02	14.89	0.56	1.44	1.44	1.44
99	Other	0.96	0.71	2.36	5.65	0.03	0.30	0.30	0.28
	Total	34.25	6.78	49.45	32.36	2.16	6.20	6.09	6.02
Waste Disposal									
110	Sewage Treatment	0.56	0.32	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	4.80	0.09	0.25	0.56	0.33	0.49	0.32	0.31
130	Incineration	0.54	0.09	0.77	1.23	0.08	0.18	0.11	0.10
199	Other	63.73	7.57	0.00	0.00	0.00	0.03	0.02	0.02
	Total	69.63	8.07	1.02	1.79	0.41	0.70	0.46	0.43
Cleaning and Surface Coatings									
210	Laundrying*	2.54	0.14	0.00	0.00	0.00	0.00	0.00	0.00
220	Degreasing**	44.20	7.57	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	24.71	23.79	0.03	0.03	0.00	0.63	0.61	0.59
240	Printing	5.49	5.49	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	3.57	3.11	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.59	0.59	0.16	0.10	0.02	0.09	0.09	0.09
	Total	81.09	40.69	0.20	0.13	0.02	0.73	0.70	0.67
Petroleum Production and Marketing									
310	Oil and Gas Production	2.22	1.34	0.02	0.04	0.00	0.00	0.00	0.00
320	Petroleum Refining	5.15	3.80	8.27	0.36	6.96	1.54	1.02	0.81
330	Petroleum Marketing	27.96	27.28	0.49	0.02	0.00	0.03	0.03	0.02
399	Other	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	Total	35.34	32.42	8.79	0.41	6.96	1.57	1.05	0.84

* Perchloroethylene emissions from dry cleaning reduced by 23% from 2002 as a result of facilities converting to alternate cleaning technology.

** Perchloroethylene, trichloroethylene, and methylene chloride emissions from degreasing reduced as a result of Rule 1122 effects since 2002.

Table VIII-2. 2005 Criteria Pollutant Emissions (tons/day) by Major Source Category for the South Coast Air Basin

Code	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	10.13	9.18	0.04	0.00	0.00	0.66	0.55	0.51
420	Food and Agriculture	2.80	2.68	0.00	0.00	0.00	0.54	0.18	0.03
430	Mineral Processes	0.40	0.35	0.24	0.03	0.00	14.92	7.86	1.82
440	Metal Processes	0.05	0.04	1.53	0.01	0.01	0.79	0.52	0.37
450	Wood and Paper	0.10	0.10	0.00	0.00	0.00	5.19	3.60	2.18
460	Glass and Related Products	0.02	0.01	0.02	0.00	0.02	0.30	0.28	0.26
470	Electronics	0.09	0.07	0.00	0.00	0.00	0.02	0.01	0.00
499	Other	7.08	6.74	0.50	0.14	0.00	0.42	0.28	0.22
	Total	20.67	19.18	2.33	0.19	0.05	22.83	13.27	5.39
Solvent Evaporation									
510	Consumer Products	118.71	100.70	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	39.72	38.79	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.02	2.01	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.89	0.81	0.00	0.00	0.00	0.02	0.02	0.02
	Total	161.34	142.31	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	8.97	3.89	55.39	25.14	0.38	8.55	8.13	7.90
620	Farming Operations	94.36	7.55	0.00	0.00	0.00	1.55	0.70	0.16
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	92.76	45.36	4.55
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	271.48	124.06	18.73
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	20.54	12.12	1.20
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	4.88	2.45	0.37
660	Fires	0.34	0.24	3.02	0.08	0.00	0.45	0.44	0.41
670	Waste Burning and Disposal	5.70	3.25	50.74	1.53	0.46	5.40	5.19	4.64
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	2.65	1.85	0.00	0.00	0.00	15.89	14.66	13.39
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	---	---	---	33.46	11.74	---	---	---
	Total	112.03	16.78	109.15	60.21	12.58	421.49	213.11	51.34

Table VIII-2. 2005 Criteria Pollutant Emissions (tons/day) by Major Source Category for the South Coast Air Basin

Code	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto	140.98	130.67	1205.17	102.06	0.91	7.33	7.18	4.11
722	Light Duty Trucks 1	26.52	24.60	256.12	21.36	0.20	1.21	1.18	0.70
723	Light Duty Trucks 2	57.25	52.32	611.07	78.03	0.50	4.70	4.59	3.08
724	Medium Duty Trucks	30.42	27.52	338.10	44.59	0.33	2.12	2.08	1.37
732	Light Heavy Duty Gas Trucks 1	18.08	16.47	159.54	23.51	0.06	0.29	0.29	0.15
733	Light Heavy Duty Gas Trucks 2	3.21	2.95	27.06	4.04	0.01	0.06	0.06	0.03
734	Medium Heavy Duty Gas Trucks	7.52	6.95	67.14	7.69	0.01	0.05	0.05	0.03
736	Heavy Heavy Duty Gas Trucks	4.79	4.22	66.56	9.28	0.01	0.04	0.04	0.02
742	Light Heavy Duty Diesel Trucks 1	0.28	0.24	1.45	13.79	0.09	0.13	0.13	0.09
743	Light Heavy Duty Diesel Trucks 2	0.30	0.25	1.21	10.89	0.06	0.11	0.11	0.08
744	Medium Heavy Duty Diesel Truck	1.54	1.29	12.42	77.16	0.74	1.89	1.89	1.65
746	Heavy Heavy Duty Diesel Trucks	15.82	13.24	52.93	166.15	1.20	9.05	9.04	8.03
750	Motorcycles	15.70	14.62	132.16	3.31	0.01	0.16	0.15	0.10
760	Diesel Urban Buses	0.46	0.39	2.37	11.55	0.12	0.21	0.21	0.19
762	Gas Urban Buses	0.53	0.44	4.73	0.77	0.00	0.01	0.01	0.00
770	School Buses	0.34	0.29	3.92	4.09	0.04	0.14	0.14	0.13
776	Other Bus	0.73	0.67	7.95	3.89	0.03	0.07	0.07	0.06
780	Motor Homes	1.07	0.94	28.89	3.46	0.02	0.05	0.05	0.03
	Total	325.56	298.07	2978.80	585.62	4.32	27.61	27.26	19.85
Other Mobile Sources									
810	Aircraft	8.14	7.26	52.17	15.36	1.49	0.89	0.83	0.81
820	Trains	3.06	2.55	6.65	32.26	1.33	0.94	0.94	0.86
830	Ships and Commercial Boats	4.37	3.67	9.69	73.33	30.98	5.55	5.37	5.18
840	Recreational Boats	45.59	42.86	208.56	9.58	0.02	2.67	2.40	1.82
850	Off-Road Recreational Vehicles	7.16	6.85	16.42	0.17	0.04	0.06	0.06	0.04
860	Off-Road Equipment	106.99	94.82	685.35	221.03	1.28	13.53	13.36	12.05
870	Farm Equipment	1.85	1.59	7.59	7.68	0.06	0.48	0.47	0.44
890	Fuel Storage and Handling	15.48	15.43	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	192.64	175.04	986.42	359.42	35.20	24.12	23.43	21.19
	Total Stationary and Area Sources	514.35	266.24	170.93	95.09	22.17	453.54	234.70	64.72
	Total On-Road Vehicles	325.56	298.07	2978.80	585.62	4.32	27.61	27.26	19.85
	Total Other Mobile	192.64	175.04	986.42	359.42	35.20	24.12	23.43	21.19
	Total Anthropogenic	1032.55	739.34	4136.16	1040.12	61.69	505.27	285.39	105.76

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetalde- hyde	Acetone	Benzene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloro- ethane	1,4 dioxane	Ethylene dibromide
Fuel Combustion										
10	Electric Utilities	23.86	20.45	94.42	0.59	0.00	0.00	0.00	0.00	0.00
20	Cogeneration	4.79	0.00	17.59	0.00	0.00	0.00	0.00	0.00	0.00
30	Oil and Gas Production	4.52	3.07	34.95	0.08	0.00	0.00	0.00	0.00	0.00
40	Petroleum Refining	0.99	0.47	55.01	0.84	0.00	0.00	0.00	0.00	0.00
50	Manufacturing and Industrial	43.45	36.61	155.25	1.44	0.00	0.00	0.00	0.00	0.00
52	Food and Agricultural Processing	24.71	25.13	20.96	0.71	0.00	0.00	0.00	0.00	0.00
60	Service and Commercial	53.15	44.47	177.63	3.35	0.00	0.00	0.00	0.00	0.00
99	Other	15.40	7.15	57.75	12.31	0.00	0.00	0.00	0.00	0.00
	Total	170.88	137.36	613.56	19.33	0.00	0.00	0.00	0.00	0.00
Waste Disposal										
110	Sewage Treatment	1.31	1.48	3.81	0.00	0.60	65.89	0.00	0.26	0.20
120	Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	Incineration	0.00	0.00	135.63	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	0.91	2187.74	27.84	0.00	0.41	45.79	0.00	0.18	0.14
	Total	2.23	2189.22	167.27	0.00	1.01	111.68	0.00	0.44	0.34
Cleaning and Surface Coatings										
210	Laundrying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	Degreasing	0.00	20084.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	0.00	2239.30	5.86	0.00	0.00	0.00	0.00	0.00	0.00
240	Printing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	0.00	2454.54	3.13	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	8.75	0.19	0.00	0.00	0.00	0.00	0.01	0.00
	Total	0.00	24787.14	9.19	0.00	0.00	0.00	0.00	0.01	0.00
Petroleum Production and Marketing										
310	Oil and Gas Production	0.38	0.56	245.92	0.19	0.06	0.01	0.00	0.00	0.00
320	Petroleum Refining	0.57	0.71	346.21	0.00	0.09	0.01	0.00	0.00	0.00
330	Petroleum Marketing	0.00	0.00	656.51	0.00	0.00	0.00	0.00	0.00	0.00
399	Other	0.00	0.00	8.61	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.95	1.27	1257.26	0.19	0.15	0.02	0.00	0.00	0.00

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetalde- hyde	Acetone	Benzene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloro- ethane	1,4 dioxane	Ethylene dibromide
Industrial Processes										
410	Chemical	104.21	146.62	574.96	563.91	16.88	2.24	0.00	0.00	0.00
420	Food and Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
430	Mineral Processes	0.00	0.00	154.10	0.00	0.00	0.00	0.00	0.00	0.00
440	Metal Processes	2.89	4.28	17.38	1.42	0.47	0.07	0.00	0.00	0.00
450	Wood and Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
460	Glass and Related Products	0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.00	0.00
470	Electronics	0.09	0.13	0.50	0.04	0.01	0.00	0.00	0.00	0.00
499	Other	0.73	1.11	7.35	0.35	0.12	0.02	0.00	0.00	0.00
	Total	107.92	152.14	755.59	565.73	17.48	2.33	0.00	0.00	0.00
Solvent Evaporation										
510	Consumer Products	0.00	19664.35	1.16	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	8.00	1763.95	70.34	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.00	0.00	3.99	0.00	0.00	0.00	0.00	0.00	0.00
	Total	8.00	21428.69	75.49	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous Processes										
610	Residential Fuel Combustion	442.79	326.74	269.58	0.00	0.00	0.00	0.00	0.00	0.00
620	Farming Operations	0.00	5200.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660	Fires	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
670	Waste Burning and Disposal	0.00	0.00	0.00	122.54	0.00	0.00	0.00	0.00	0.00
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	442.79	5527.54	269.58	122.54	0.00	0.00	0.00	0.00	0.00

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetalde- hyde	Acetone	Benzene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloro- ethane	1,4 dioxane	Ethylene dibromide
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	1265.74	925.33	10512.09	2082.92	0.00	0.00	0.00	0.00	0.00
722	Light Duty Trucks 1	388.73	267.19	2543.33	534.90	0.00	0.00	0.00	0.00	0.00
723	Light Duty Trucks 2	428.30	312.88	3536.89	745.59	0.00	0.00	0.00	0.00	0.00
724	Medium Duty Trucks	243.20	171.50	1808.47	395.86	0.00	0.00	0.00	0.00	0.00
732	Light Heavy Duty Gas Trucks 1	144.29	106.14	1320.41	281.30	0.00	0.00	0.00	0.00	0.00
733	Light Heavy Duty Gas Trucks 2	33.67	24.24	279.24	61.08	0.00	0.00	0.00	0.00	0.00
734	Medium Heavy Duty Gas Trucks	81.03	61.37	640.14	154.67	0.00	0.00	0.00	0.00	0.00
736	Heavy Heavy Duty Gas Trucks	35.95	26.34	276.78	67.03	0.00	0.00	0.00	0.00	0.00
742	Light Heavy Duty Diesel Trucks 1	4.56	4.65	1.24	0.12	0.00	0.00	0.00	0.00	0.00
743	Light Heavy Duty Diesel Trucks 2	43.57	44.49	11.86	1.13	0.00	0.00	0.00	0.00	0.00
744	Medium Heavy Duty Diesel Truck	192.47	196.50	52.38	4.97	0.00	0.00	0.00	0.00	0.00
746	Heavy Heavy Duty Diesel Trucks	2076.25	2119.74	564.99	53.65	0.00	0.00	0.00	0.00	0.00
750	Motorcycles	54.38	34.65	337.73	68.74	0.00	0.00	0.00	0.00	0.00
760	Diesel Urban Buses	64.03	65.37	17.42	1.65	0.00	0.00	0.00	0.00	0.00
762	Gas Urban Buses	3.29	2.19	26.74	5.83	0.00	0.00	0.00	0.00	0.00
770	School Buses	15.90	14.87	23.51	4.95	0.00	0.00	0.00	0.00	0.00
776	Other Bus	10.72	9.52	46.73	11.06	0.00	0.00	0.00	0.00	0.00
780	Motor Homes	23.02	14.81	128.02	29.40	0.00	0.00	0.00	0.00	0.00
	Total	5109.10	4401.79	22127.98	4504.85	0.00	0.00	0.00	0.00	0.00
Other Mobile Sources										
810	Aircraft	608.54	3.48	302.95	238.87	0.00	0.00	0.00	0.00	0.00
820	Trains	411.44	420.06	111.96	10.63	0.00	0.00	0.00	0.00	0.00
830	Ships and Commercial Boats	485.45	495.62	162.29	12.54	0.00	0.00	0.00	0.00	0.00
840	Recreational Boats	592.53	376.59	2653.07	620.80	0.00	0.00	0.00	0.00	0.00
850	Off-Road Recreational Vehicles	131.08	80.40	614.45	145.06	0.00	0.00	0.00	0.00	0.00
860	Off-Road Equipment	7136.05	6914.44	6007.35	1161.24	0.00	0.00	0.00	0.00	0.00
870	Farm Equipment	281.53	286.18	91.07	10.56	0.00	0.00	0.00	0.00	0.00
890	Fuel Storage and Handling	0.00	0.00	148.27	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	9646.62	8576.78	10091.42	2199.71	0.00	0.00	0.00	0.00	0.00
	Total Stationary and Area Sources	732.76	54223.36	3147.94	707.79	18.64	114.03	0.00	0.45	0.34
	Total On-Road Vehicles	5109.10	4401.79	22127.98	4504.85	0.00	0.00	0.00	0.00	0.00
	Total Other Mobile	9646.62	8576.78	10091.42	2199.71	0.00	0.00	0.00	0.00	0.00
	Total Anthropogenic	15488.48	67201.92	35367.34	7412.35	18.64	114.03	0.00	0.45	0.34

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Ethylene dichloride	Ethylene oxide	Formaldehyde	Methyl ethyl ketone	Methylene chloride	MTBE	Naphthalene	p-Dichlorobenzene	Perchloroethylene
Fuel Combustion										
10	Electric Utilities	0.00	0.00	294.71	4.02	0.00	0.00	0.26	0.00	0.00
20	Cogeneration	0.00	0.00	129.53	0.00	0.00	0.00	0.00	0.00	0.00
30	Oil and Gas Production	0.00	0.00	103.96	0.60	0.00	0.01	0.04	0.00	0.00
40	Petroleum Refining	0.00	0.00	266.18	0.06	0.00	1.89	0.13	0.00	0.00
50	Manufacturing and Industrial	0.00	0.00	507.84	7.19	0.00	1.12	0.50	0.00	0.00
52	Food and Agricultural Processing	0.00	0.00	78.84	4.94	0.00	0.17	0.30	0.00	0.00
60	Service and Commercial	0.00	0.00	581.50	8.67	0.00	5.05	0.84	0.00	0.00
99	Other	0.00	0.00	71.84	0.94	0.00	1.73	2.09	0.00	0.00
	Total	0.00	0.00	2034.39	26.42	0.00	9.97	4.16	0.00	0.00
Waste Disposal										
110	Sewage Treatment	0.36	0.00	6.93	0.00	101.24	0.00	0.00	10.03	82.49
120	Landfills	0.00	0.00	36.76	0.00	0.00	0.00	0.00	0.00	0.00
130	Incineration	0.00	0.01	0.85	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	0.25	0.00	4.81	0.00	70.36	0.00	0.00	6.97	57.32
	Total	0.62	0.01	49.35	0.00	171.60	0.00	0.00	16.99	139.81
Cleaning and Surface Coatings										
210	Laundering	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16917.92
220	Degreasing	0.00	0.00	0.00	8291.35	14172.58	0.00	189.86	0.00	2717.86
230	Coatings and Related Processes	0.00	0.00	0.00	3416.59	107.46	0.00	13.88	0.00	726.13
240	Printing	0.00	0.00	0.00	1251.89	0.00	0.00	23.16	0.00	0.00
250	Adhesives and Sealants	0.00	0.00	0.00	2063.93	57.47	0.00	0.00	0.00	0.00
299	Other	0.00	0.00	0.38	6.97	2.89	0.00	0.53	0.00	0.03
	Total	0.00	0.00	0.38	15030.73	14340.40	0.00	227.43	0.00	20361.94
Petroleum Production and Marketing										
310	Oil and Gas Production	0.52	0.02	1.37	0.39	0.00	0.46	0.03	0.66	0.00
320	Petroleum Refining	0.77	0.02	456.21	0.58	0.00	19.70	0.03	0.98	0.00
330	Petroleum Marketing	0.00	0.00	0.08	0.00	0.00	21153.63	14.57	0.00	0.00
399	Other	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00
	Total	1.28	0.04	457.67	0.97	0.00	21174.07	14.63	1.64	0.00

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Ethylene dichloride	Ethylene oxide	Formaldehyde	Methyl ethyl ketone	Methylene chloride	MTBE	Naphthalene	p-Dichlorobenzene	Perchloroethylene
Industrial Processes										
410	Chemical	141.24	3.92	48.45	116.07	0.00	0.00	0.09	180.41	0.00
420	Food and Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
430	Mineral Processes	0.00	0.00	85.75	0.00	0.00	0.00	69.11	0.00	0.00
440	Metal Processes	3.92	0.12	4.25	2.96	0.00	0.00	0.21	5.02	0.00
450	Wood and Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
460	Glass and Related Products	0.00	0.00	0.73	0.00	0.00	0.00	0.60	0.00	0.00
470	Electronics	0.12	0.00	0.13	0.09	0.00	0.00	0.01	0.15	0.00
499	Other	0.98	0.03	2.58	0.76	0.00	0.00	2.24	1.26	0.00
	Total	146.26	4.07	141.88	119.89	0.00	0.00	72.25	186.84	0.00
Solvent Evaporation										
510	Consumer Products	0.00	46.83	7.99	1977.21	7876.53	0.00	376.53	4946.61	4898.17
520	Architectural Coatings & Related Solvent	0.00	0.00	2.29	269.24	114.44	0.00	30.07	0.00	15.47
530	Pesticides/Fertilizers	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
540	Asphalt Paving/Roofing	0.00	0.00	0.00	0.00	0.00	0.00	62.41	0.00	0.00
	Total	0.00	46.83	10.28	2246.45	7990.97	0.00	469.04	4946.61	4913.64
Miscellaneous Processes										
610	Residential Fuel Combustion	0.00	0.00	1017.88	0.00	0.00	0.00	0.00	0.00	0.00
620	Farming Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660	Fires	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
670	Waste Burning and Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	1017.88	0.00	0.00	0.00	0.00	0.00	0.00

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Ethylene dichloride	Ethylene oxide	Formaldehyde	Methyl ethyl ketone	Methylene chloride	MTBE	Naphthalene	p-Dichlorobenzene	Perchloroethylene
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	0.00	0.00	5790.28	144.96	0.00	40050.63	225.73	0.00	0.00
722	Light Duty Trucks 1	0.00	0.00	1691.80	41.40	0.00	7347.43	64.99	0.00	0.00
723	Light Duty Trucks 2	0.00	0.00	2053.11	47.46	0.00	9938.33	77.83	0.00	0.00
724	Medium Duty Trucks	0.00	0.00	1135.39	26.11	0.00	4165.79	43.25	0.00	0.00
732	Light Heavy Duty Gas Trucks 1	0.00	0.00	753.35	16.65	0.00	2929.98	26.44	0.00	0.00
733	Light Heavy Duty Gas Trucks 2	0.00	0.00	164.73	4.23	0.00	623.64	5.73	0.00	0.00
734	Medium Heavy Duty Gas Trucks	0.00	0.00	350.60	15.42	0.00	1521.08	10.25	0.00	0.00
736	Heavy Heavy Duty Gas Trucks	0.00	0.00	165.86	6.01	0.00	469.24	4.94	0.00	0.00
742	Light Heavy Duty Diesel Trucks 1	0.00	0.00	9.12	0.92	0.00	0.00	0.05	0.00	0.00
743	Light Heavy Duty Diesel Trucks 2	0.00	0.00	87.20	8.75	0.00	0.00	0.50	0.00	0.00
744	Medium Heavy Duty Diesel Truck	0.00	0.00	385.15	38.66	0.00	0.00	2.22	0.00	0.00
746	Heavy Heavy Duty Diesel Trucks	0.00	0.00	4154.76	417.03	0.00	0.00	24.00	0.00	0.00
750	Motorcycles	0.00	0.00	227.96	5.67	0.00	1301.62	9.04	0.00	0.00
760	Diesel Urban Buses	0.00	0.00	128.13	12.86	0.00	0.00	0.74	0.00	0.00
762	Gas Urban Buses	0.00	0.00	18.45	0.28	0.00	24.46	0.61	0.00	0.00
770	School Buses	0.00	0.00	40.25	2.82	0.00	26.27	0.74	0.00	0.00
776	Other Bus	0.00	0.00	34.31	2.06	0.00	110.17	0.82	0.00	0.00
780	Motor Homes	0.00	0.00	105.18	1.98	0.00	95.49	3.93	0.00	0.00
	Total	0.00	0.00	17295.64	793.27	0.00	68604.12	501.81	0.00	0.00
Other Mobile Sources										
810	Aircraft	0.00	0.00	1955.77	0.97	0.00	3.62	74.90	0.00	0.00
820	Trains	0.00	0.00	823.34	82.64	0.00	0.00	4.76	0.00	0.00
830	Ships and Commercial Boats	0.00	0.00	972.83	97.51	0.00	0.00	6.59	0.00	0.00
840	Recreational Boats	0.00	0.00	2395.14	51.31	0.00	4886.26	97.48	0.00	0.00
850	Off-Road Recreational Vehicles	0.00	0.00	545.29	10.49	0.00	943.51	22.72	0.00	0.00
860	Off-Road Equipment	0.00	0.00	16296.04	1323.57	0.00	9578.91	228.68	0.00	0.00
870	Farm Equipment	0.00	0.00	569.93	56.18	0.00	69.88	3.75	0.00	0.00
890	Fuel Storage and Handling	0.00	0.00	0.00	0.00	0.00	6931.70	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	23558.32	1622.67	0.00	22413.88	438.87	0.00	0.00
	Total Stationary and Area Sources	148.16	50.94	3711.82	17424.46	22502.96	21184.04	787.51	5152.08	25415.39
	Total On-Road Vehicles	0.00	0.00	17295.64	793.27	0.00	68604.12	501.81	0.00	0.00
	Total Other Mobile	0.00	0.00	23558.32	1622.67	0.00	22413.88	438.87	0.00	0.00
	Total Anthropogenic	148.16	50.94	44565.78	19840.39	22502.96	112202.04	1728.19	5152.08	25415.39

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Propylene oxide	Styrene	Toluene	Trichloro- ethylene	Vinyl chloride	Arsenic	Cadmium	Chromium	Diesel PM (DPM)
Fuel Combustion										
10	Electric Utilities	0.00	0.17	53.77	0.00	0.00	0.00	0.00	0.21	215.74
20	Cogeneration	0.00	0.00	13.42	0.00	0.00	0.00	0.00	0.66	0.00
30	Oil and Gas Production	0.00	0.02	17.41	0.00	0.00	0.75	0.08	0.89	31.19
40	Petroleum Refining	0.00	0.13	32.54	0.00	0.00	0.00	2.43	26.77	0.00
50	Manufacturing and Industrial	0.00	0.36	83.03	0.00	0.00	0.03	0.42	4.99	375.92
52	Food and Agricultural Processing	0.00	0.21	16.25	0.00	0.00	0.00	0.03	0.38	297.21
60	Service and Commercial	0.00	0.69	104.21	0.00	0.00	0.02	0.12	1.46	466.19
99	Other	0.00	1.96	112.95	0.00	0.00	0.75	0.12	1.47	466.98
	Total	0.00	3.55	433.58	0.00	0.00	1.55	3.20	36.83	1853.23
Waste Disposal										
110	Sewage Treatment	0.00	0.17	85.93	10.14	0.43	0.00	0.00	0.00	0.00
120	Landfills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	Incineration	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	0.00	0.12	116.69	7.05	0.30	1.84	0.17	1.84	0.00
	Total	0.00	0.30	202.62	17.19	0.72	1.84	0.17	1.84	0.00
Cleaning and Surface Coatings										
210	Laundrying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	Degreasing	0.00	15.16	4580.28	2821.53	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	0.00	0.83	26934.78	0.00	0.00	0.00	0.00	0.00	0.00
240	Printing	0.00	0.00	33.29	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	0.00	0.00	632.18	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	0.15	538.31	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	16.14	32718.84	2821.53	0.00	0.00	0.00	0.00	0.00
Petroleum Production and Marketing										
310	Oil and Gas Production	0.00	0.93	136.75	0.00	0.33	0.03	0.00	0.01	0.00
320	Petroleum Refining	0.01	1.19	402.14	0.00	0.49	0.87	0.02	0.00	0.00
330	Petroleum Marketing	0.00	0.00	2853.79	0.00	0.00	0.00	0.00	0.00	0.00
399	Other	0.00	0.00	5.05	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.01	2.12	3397.73	0.00	0.82	0.89	0.02	0.01	0.00

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Propylene oxide	Styrene	Toluene	Trichloro-ethylene	Vinyl chloride	Arsenic	Cadmium	Chromium	Diesel PM (DPM)
Industrial Processes										
410	Chemical	1.12	6445.64	2038.22	0.00	360.38	0.00	0.39	0.09	0.00
420	Food and Agriculture	0.00	0.00	324.78	0.00	0.00	0.05	0.00	1.42	0.00
430	Mineral Processes	0.00	0.81	47.81	0.00	0.00	21.34	2.03	46.15	0.00
440	Metal Processes	0.02	7.25	218.48	0.00	2.50	0.44	0.43	12.28	0.00
450	Wood and Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.00
460	Glass and Related Products	0.00	0.00	11.41	0.00	0.00	9.26	0.00	2.55	0.00
470	Electronics	0.00	0.21	0.11	0.00	0.07	0.00	0.00	0.00	0.00
499	Other	0.01	201.85	932.29	0.00	0.62	0.12	0.12	0.28	0.00
	Total	1.15	6655.77	3573.11	0.00	363.58	31.22	2.98	62.82	0.00
Solvent Evaporation										
510	Consumer Products	0.14	12.73	9737.27	653.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	0.00	29.57	1280.61	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.00	0.00	9.48	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.14	42.31	11027.81	653.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous Processes										
610	Residential Fuel Combustion	0.00	0.00	274.51	0.00	0.00	0.13	0.06	0.09	0.00
620	Farming Operations	0.00	0.00	0.00	0.00	0.00	0.07	0.08	0.86	0.00
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	3.18	3.93	41.90	0.00
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	8.79	2.03	11.49	0.00
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	0.94	0.82	1.07	0.00
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.25	0.34	3.50	0.00
660	Fires	0.00	0.00	55.11	0.00	0.00	0.00	0.02	0.01	0.00
670	Waste Burning and Disposal	0.00	0.00	0.75	0.00	0.00	0.33	0.03	0.01	0.00
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	454.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	785.03	0.00	0.00	13.68	7.30	58.93	0.00

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Propylene oxide	Styrene	Toluene	Trichloro-ethylene	Vinyl chloride	Arsenic	Cadmium	Chromium	Diesel PM (DPM)
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	0.00	568.33	28587.09	0.00	0.00	0.05	0.03	8.17	478.81
722	Light Duty Trucks 1	0.00	119.80	6333.31	0.00	0.00	0.01	0.01	1.32	184.60
723	Light Duty Trucks 2	0.00	201.33	9235.59	0.00	0.00	0.02	0.01	3.69	78.20
724	Medium Duty Trucks	0.00	98.86	4541.39	0.00	0.00	0.01	0.00	1.38	19.00
732	Light Heavy Duty Gas Trucks 1	0.00	75.03	3398.71	0.00	0.00	0.00	0.00	0.36	0.00
733	Light Heavy Duty Gas Trucks 2	0.00	15.07	714.95	0.00	0.00	0.00	0.00	0.07	0.00
734	Medium Heavy Duty Gas Trucks	0.00	34.83	1735.61	0.00	0.00	0.00	0.00	0.06	0.00
736	Heavy Heavy Duty Gas Trucks	0.00	14.57	706.96	0.00	0.00	0.00	0.00	0.05	0.00
742	Light Heavy Duty Diesel Trucks 1	0.00	0.04	1.61	0.00	0.00	0.00	0.00	0.00	33.80
743	Light Heavy Duty Diesel Trucks 2	0.00	0.34	15.42	0.00	0.00	0.00	0.01	0.03	211.00
744	Medium Heavy Duty Diesel Truck	0.00	1.52	68.13	0.00	0.00	0.01	0.23	0.16	3471.40
746	Heavy Heavy Duty Diesel Trucks	0.00	16.38	734.92	0.00	0.00	0.08	1.25	0.63	18713.40
750	Motorcycles	0.00	12.57	843.27	0.00	0.00	0.00	0.00	0.06	0.00
760	Diesel Urban Buses	0.00	0.51	22.66	0.00	0.00	0.00	0.03	0.02	400.40
762	Gas Urban Buses	0.00	1.27	59.76	0.00	0.00	0.00	0.00	0.01	0.00
770	School Buses	0.00	0.95	49.05	0.00	0.00	0.00	0.02	0.01	246.20
776	Other Bus	0.00	2.70	126.64	0.00	0.00	0.00	0.01	0.01	100.59
780	Motor Homes	0.00	5.30	266.39	0.00	0.00	0.00	0.00	0.04	22.41
	Total	0.00	1169.40	57441.47	0.00	0.00	0.18	1.61	16.07	23959.80
Other Mobile Sources										
810	Aircraft	0.00	55.39	174.83	0.00	0.00	3.38	0.32	3.82	0.00
820	Trains	0.00	3.25	145.64	0.00	0.00	0.01	0.12	0.02	1730.20
830	Ships and Commercial Boats	0.00	3.83	201.88	0.00	0.00	0.00	0.00	0.00	7508.15
840	Recreational Boats	0.00	97.36	5433.17	0.00	0.00	0.00	0.00	1.98	29.80
850	Off-Road Recreational Vehicles	0.00	22.72	1248.61	0.00	0.00	0.00	0.00	0.28	0.00
860	Off-Road Equipment	0.00	205.81	11125.83	0.00	0.00	0.10	1.74	2.12	26019.43
870	Farm Equipment	0.00	2.72	132.35	0.00	0.00	0.00	0.08	0.02	1153.15
890	Fuel Storage and Handling	0.00	0.00	693.79	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	391.07	19156.11	0.00	0.00	3.50	2.26	8.23	36440.72
	Total Stationary and Area Sources	1.30	6720.18	52138.73	3491.72	365.12	49.18	13.68	160.43	1853.23
	Total On-Road Vehicles	0.00	1169.40	57441.47	0.00	0.00	0.18	1.61	16.07	23959.80
	Total Other Mobile	0.00	391.07	19156.11	0.00	0.00	3.50	2.26	8.23	36440.72
	Total Anthropogenic	1.30	8280.65	128736.31	3491.72	365.12	52.86	17.54	184.73	62253.75

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	DPM2.5	Elemental carbon (EC)	EC2.5	Hexavalent chromium	Lead	Nickel	Organic carbon	Selenium	Silicon
Fuel Combustion										
10	Electric Utilities	208.62	558.83	557.58	0.01	0.00	0.21	3.92	0.01	1.24
20	Cogeneration	0.00	265.08	262.96	0.03	0.00	0.66	0.00	0.00	0.00
30	Oil and Gas Production	30.16	59.62	58.72	0.04	0.79	0.21	0.00	0.19	0.17
40	Petroleum Refining	0.00	378.19	354.34	0.00	2.43	26.77	0.00	26.77	0.00
50	Manufacturing and Industrial	363.51	875.58	865.60	0.02	0.44	4.97	0.00	4.59	2.07
52	Food and Agricultural Processing	278.56	69.17	68.08	0.00	0.03	0.38	0.00	0.38	1.63
60	Service and Commercial	450.81	1342.93	1340.58	0.01	0.13	1.45	0.00	1.26	2.56
99	Other	421.38	142.52	126.93	0.07	0.78	5.12	0.00	0.13	2.57
	Total	1753.04	3691.92	3634.79	0.19	4.61	39.76	3.92	33.33	10.25
Waste Disposal										
110	Sewage Treatment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	0.00	170.67	170.67	0.00	0.00	0.00	0.00	0.00	0.00
130	Incineration	0.00	47.70	47.70	0.00	0.00	11.97	0.00	0.00	11.97
199	Other	0.00	52.13	21.89	0.09	1.91	0.17	0.00	0.17	0.00
	Total	0.00	270.50	240.26	0.09	1.91	12.14	0.00	0.17	11.97
Cleaning and Surface Coatings										
210	Laundering	0.00	0.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
220	Degreasing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	0.00	57.59	53.27	0.00	0.00	0.00	0.00	0.00	0.00
240	Printing	0.00	0.02	0.01	0.00	0.00	0.00	0.06	0.00	0.00
250	Adhesives and Sealants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	1.13	1.13	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	59.04	54.69	0.00	0.00	0.00	0.06	0.00	0.00
Petroleum Production and Marketing										
310	Oil and Gas Production	0.00	3.74	3.33	0.00	0.03	0.03	4.50	0.00	5.13
320	Petroleum Refining	0.00	38.19	39.30	0.00	0.87	0.88	0.00	0.00	170.12
330	Petroleum Marketing	0.00	35.60	32.94	0.00	0.00	0.00	0.00	0.00	0.00
399	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	77.53	75.57	0.00	0.90	0.91	4.50	0.00	175.25

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	DPM2.5	Elemental carbon (EC)	EC2.5	Hexavalent chromium	Lead	Nickel	Organic carbon	Selenium	Silicon
Industrial Processes										
410	Chemical	0.00	143.58	132.21	0.00	0.09	0.39	6.91	0.00	0.00
420	Food and Agriculture	0.00	264.30	2.50	0.00	0.00	0.83	0.00	0.00	146.43
430	Mineral Processes	0.00	1092.28	407.80	0.45	2.25	14.85	1.98	2.67	2848.11
440	Metal Processes	0.00	173.56	139.84	3.01	8.05	4.03	116.05	0.02	2.57
450	Wood and Paper	0.00	43.63	12.89	0.00	0.06	0.06	31.14	0.00	0.22
460	Glass and Related Products	0.00	52.80	53.52	0.13	2.55	0.23	0.00	17.60	0.56
470	Electronics	0.00	0.84	0.32	0.00	0.00	0.00	2.39	0.00	0.00
499	Other	0.00	75.11	24.31	0.05	5.15	0.69	34.46	0.38	28.01
	Total	0.00	1846.10	773.39	3.64	18.16	21.08	192.95	20.68	3025.89
Solvent Evaporation										
510	Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.00	21.24	19.64	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	21.24	19.64	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous Processes										
610	Residential Fuel Combustion	0.00	5195.42	4400.37	0.00	0.23	0.01	6557.66	0.02	0.20
620	Farming Operations	0.00	18.13	1.47	0.00	0.25	0.21	110.61	0.01	774.54
630	Construction and Demolition	0.00	864.99	56.63	0.00	104.19	11.04	8222.41	0.37	35581.88
640	Paved Road Dust	0.00	5216.24	359.92	0.61	83.81	8.11	40376.86	1.35	205238.58
645	Unpaved Road Dust	0.00	73.04	4.28	0.00	8.16	2.32	2113.71	0.19	20383.99
650	Fugitive Windblown Dust	0.00	49.48	2.94	0.00	5.83	0.86	444.19	0.03	3025.46
660	Fires	0.00	219.29	193.06	0.00	0.05	0.00	215.66	0.00	37.27
670	Waste Burning and Disposal	0.00	3048.95	2533.98	0.00	0.63	0.01	7981.78	0.05	19.40
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	0.00	0.00	0.00	0.00	0.00	0.00	13113.14	0.00	0.00
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	14685.54	7552.64	0.61	203.16	22.55	79136.03	2.02	265061.34

Table VIII-3. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	DPM2.5	Elemental carbon (EC)	EC2.5	Hexavalent chromium	Lead	Nickel	Organic carbon	Selenium	Silicon
On-Road Motor Vehicles										
710	Light Duty Passenger Auto	440.50	1820.08	1131.43	0.41	0.74	5.62	2276.71	0.16	334.08
722	Light Duty Trucks 1	169.83	338.71	223.90	0.07	0.11	0.94	417.43	0.02	50.15
723	Light Duty Trucks 2	71.95	928.25	652.92	0.18	0.26	2.77	756.04	0.06	120.24
724	Medium Duty Trucks	17.48	336.32	229.82	0.07	0.10	1.02	288.05	0.02	47.06
732	Light Heavy Duty Gas Trucks 1	0.00	97.29	61.00	0.02	0.04	0.27	96.54	0.01	12.14
733	Light Heavy Duty Gas Trucks 2	0.00	18.89	11.57	0.00	0.01	0.05	18.83	0.00	2.36
734	Medium Heavy Duty Gas Trucks	0.00	18.02	10.86	0.00	0.01	0.05	16.86	0.00	2.11
736	Heavy Heavy Duty Gas Trucks	0.00	7.70	4.57	0.00	0.00	0.03	9.28	0.00	2.13
742	Light Heavy Duty Diesel Trucks 1	31.10	9.23	8.37	0.00	0.00	0.00	24.50	0.00	0.25
743	Light Heavy Duty Diesel Trucks 2	194.12	59.80	52.81	0.00	0.01	0.02	158.09	0.00	2.25
744	Medium Heavy Duty Diesel Truck	3193.69	915.66	850.49	0.02	0.12	0.13	2439.67	0.02	16.79
746	Heavy Heavy Duty Diesel Trucks	17216.33	4919.17	4579.77	0.08	0.65	0.56	13106.38	0.11	78.40
750	Motorcycles	0.00	21.38	13.84	0.00	0.00	0.06	4.38	0.00	0.75
760	Diesel Urban Buses	368.37	104.89	97.92	0.00	0.01	0.01	279.87	0.00	1.96
762	Gas Urban Buses	0.00	1.69	1.09	0.00	0.00	0.00	1.54	0.00	0.21
770	School Buses	226.50	65.22	60.55	0.00	0.01	0.01	172.95	0.00	1.20
776	Other Bus	92.54	28.02	25.46	0.00	0.00	0.01	72.51	0.00	0.72
780	Motor Homes	20.61	14.69	9.29	0.00	0.01	0.03	29.68	0.00	1.86
	Total	22043.01	9705.01	8025.67	0.85	2.10	11.56	20169.33	0.41	674.65
Other Mobile Sources										
810	Aircraft	0.00	271.40	245.72	0.19	3.51	0.76	0.00	0.32	0.00
820	Trains	1574.39	444.89	416.21	0.01	0.05	0.03	1188.84	0.01	4.96
830	Ships and Commercial Boats	6998.32	300.33	279.93	0.02	0.00	0.00	0.00	0.00	41.29
840	Recreational Boats	27.42	800.70	546.52	0.10	0.00	1.98	20.47	0.00	0.09
850	Off-Road Recreational Vehicles	0.00	112.80	76.70	0.01	0.00	0.28	0.00	0.00	0.00
860	Off-Road Equipment	23938.87	7432.43	6845.69	0.17	0.78	2.27	17878.17	0.13	74.65
870	Farm Equipment	1061.01	298.82	282.07	0.00	0.03	0.02	792.34	0.01	3.31
890	Fuel Storage and Handling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	33600.00	9661.37	8692.84	0.51	4.38	5.35	19879.81	0.46	124.30
	Total Stationary and Area Sources	1753.04	20651.87	12350.99	4.54	228.74	96.45	79337.45	56.20	268284.69
	Total On-Road Vehicles	22043.01	9705.01	8025.67	0.85	2.10	11.56	20169.33	0.41	674.65
	Total Other Mobile	33600.00	9661.37	8692.84	0.51	4.38	5.35	19879.81	0.46	124.30
	Total Anthropogenic	57396.06	40018.24	29069.50	5.90	235.21	113.36	119386.59	57.07	269083.66

Table VIII-4. 1998 Criteria Pollutant Emissions (tons/day) by Major Source Category for the South Coast Air Basin

Code	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	7.36	1.14	4.96	1.04	0.27	0.78	0.78	0.78
20	Cogeneration	8.19	0.77	1.69	0.51	0.01	0.67	0.67	0.66
30	Oil and Gas Production	2.96	0.38	0.77	0.49	0.01	0.14	0.14	0.14
40	Petroleum Refining	2.21	1.09	4.72	0.00	0.00	2.47	2.35	2.30
50	Manufacturing and Industrial	14.42	2.06	7.75	14.64	0.99	1.56	1.53	1.52
52	Food and Agricultural Processing	0.48	0.23	0.84	2.31	0.20	0.24	0.23	0.22
60	Service and Commercial	17.05	2.46	13.61	30.09	0.79	1.77	1.76	1.75
99	Other	2.56	0.93	5.04	6.85	0.17	0.56	0.54	0.50
	Total	55.22	9.06	39.38	55.92	2.44	8.20	7.99	7.88
Waste Disposal									
110	Sewage Treatment	0.19	0.14	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	0.10	0.05	0.18	0.38	0.13	0.17	0.17	0.17
130	Incineration	0.91	0.15	0.78	1.11	0.07	0.17	0.08	0.07
199	Other	55.32	6.65	0.00	0.00	0.00	0.17	0.12	0.07
	Total	56.51	6.98	0.96	1.49	0.20	0.51	0.38	0.32
Cleaning and Surface Coatings									
210	Laundering*	8.74	0.22	0.00	0.02	0.00	0.00	0.00	0.00
220	Degreasing**	104.42	53.08	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	50.69	47.15	0.00	0.00	0.00	0.05	0.05	0.05
240	Printing	8.67	8.67	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	9.79	8.53	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	3.34	3.21	0.01	0.02	0.00	0.00	0.00	0.00
	Total	185.64	120.86	0.01	0.04	0.00	0.05	0.05	0.05
Petroleum Production and Marketing									
310	Oil and Gas Production	22.03	11.52	0.26	0.02	0.00	0.04	0.02	0.02
320	Petroleum Refining	14.65	10.78	4.59	0.33	4.37	1.88	1.29	0.89
330	Petroleum Marketing	75.17	73.44	0.00	0.00	0.00	0.03	0.03	0.03
399	Other	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00
	Total	112.05	95.91	4.86	0.35	4.37	1.96	1.34	0.94

Table VIII-4. 1998 Criteria Pollutant Emissions (tons/day) by Major Source Category for the South Coast Air Basin

Code	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	16.58	14.45	0.03	0.00	0.00	0.56	0.50	0.48
420	Food and Agriculture	7.12	6.52	0.13	0.02	0.00	0.56	0.20	0.06
430	Mineral Processes	3.08	2.48	2.30	0.01	0.01	14.90	8.23	2.59
440	Metal Processes	1.45	1.04	1.68	0.02	0.03	1.28	0.87	0.65
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	4.33	3.01	1.82
460	Glass and Related Products	0.09	0.07	0.16	0.00	0.21	0.23	0.23	0.22
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other	6.15	5.59	0.00	0.06	0.00	0.27	0.15	0.11
	Total	34.49	30.15	4.31	0.13	0.25	22.14	13.19	5.93
Solvent Evaporation									
510	Consumer Products	130.06	110.89	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	56.29	54.93	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.80	2.79	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.73	0.66	0.00	0.00	0.00	0.02	0.02	0.02
	Total	189.88	169.27	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	9.36	4.05	55.48	31.23	0.48	8.70	8.29	8.08
620	Farming Operations	130.02	10.40	0.00	0.00	0.00	2.05	0.93	0.21
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	93.53	45.74	4.58
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	337.93	154.43	23.32
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	31.38	18.49	1.84
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	7.88	3.98	0.60
660	Fires	0.34	0.24	3.02	0.08	0.00	0.45	0.44	0.41
670	Waste Burning and Disposal	7.26	4.14	56.17	2.88	0.01	7.36	7.08	6.31
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	2.79	1.95	0.00	0.00	0.00	14.92	13.81	12.66
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	---	---	---	72.87	21.84	---	---	---
	Total	149.77	20.78	114.68	107.05	22.33	504.19	253.20	58.00

Table VIII-4. 1998 Criteria Pollutant Emissions (tons/day) by Major Source Category for the South Coast Air Basin

Code	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto	280.93	261.95	2239.63	205.05	1.07	6.44	6.31	3.61
722	Light Duty Trucks 1	58.87	54.79	584.70	50.36	0.20	1.11	1.08	0.66
723	Light Duty Trucks 2	85.07	77.77	940.52	121.86	0.43	3.02	2.95	1.93
724	Medium Duty Trucks	40.09	36.56	471.52	56.78	0.24	1.11	1.09	0.69
732	Light Heavy Duty Gas Trucks 1	29.96	26.89	282.99	25.46	0.10	0.31	0.30	0.18
733	Light Heavy Duty Gas Trucks 2	6.20	5.62	58.40	4.66	0.02	0.06	0.06	0.03
734	Medium Heavy Duty Gas Trucks	14.02	13.00	122.70	9.08	0.02	0.06	0.06	0.03
736	Heavy Heavy Duty Gas Trucks	5.54	5.03	83.92	9.41	0.01	0.03	0.03	0.02
742	Light Heavy Duty Diesel Trucks 1	0.03	0.03	0.12	0.47	0.00	0.02	0.02	0.02
743	Light Heavy Duty Diesel Trucks 2	0.30	0.25	1.04	6.13	0.04	0.13	0.13	0.10
744	Medium Heavy Duty Diesel Truck	1.31	1.10	10.81	58.98	0.48	1.83	1.83	1.63
746	Heavy Heavy Duty Diesel Trucks	14.12	11.82	56.77	134.76	0.97	9.76	9.75	8.74
750	Motorcycles	8.37	8.01	40.13	1.21	0.00	0.06	0.05	0.04
760	Diesel Urban Buses	0.44	0.36	2.50	11.80	0.11	0.21	0.21	0.19
762	Gas Urban Buses	0.49	0.42	5.17	0.73	0.00	0.01	0.01	0.00
770	School Buses	0.44	0.40	5.92	3.82	0.03	0.13	0.13	0.12
776	Other Bus	1.05	0.97	9.88	2.52	0.01	0.06	0.06	0.05
780	Motor Homes	2.11	1.87	56.54	4.20	0.01	0.04	0.04	0.02
	Total	549.33	506.83	4973.26	707.29	3.75	24.38	24.11	18.06
Other Mobile Sources									
810	Aircraft	6.31	5.63	40.86	10.87	1.05	0.76	0.71	0.69
820	Trains	2.80	2.33	5.85	38.63	1.52	0.87	0.86	0.79
830	Ships and Commercial Boats	4.09	3.43	8.05	55.39	17.24	3.75	3.65	3.50
840	Recreational Boats	47.96	44.97	198.98	6.02	0.02	2.00	1.80	1.36
850	Off-Road Recreational Vehicles	10.58	9.89	41.00	0.29	0.03	0.28	0.25	0.19
860	Off-Road Equipment	128.82	113.13	772.81	247.41	1.13	14.86	14.69	13.26
870	Farm Equipment	2.28	1.96	8.88	9.71	0.06	0.58	0.58	0.53
890	Fuel Storage and Handling	20.59	20.53	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	223.43	201.88	1076.44	368.33	21.05	23.10	22.54	20.33
	Total Stationary and Area Sources	783.56	453.03	164.20	164.99	29.59	537.07	276.17	73.14
	Total On-Road Vehicles	549.33	506.83	4973.26	707.29	3.75	24.38	24.11	18.06
	Total Other Mobile	223.43	201.88	1076.44	368.33	21.05	23.10	22.54	20.33
	Total Anthropogenic	1556.31	1161.73	6213.90	1240.60	54.39	584.56	322.81	111.52