

APPENDIX IV

1998 Emissions by Major Source Category

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetalde- hyde	Acetone	Benzene	Butadiene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloro- ethane	1,4 dioxane	Ethylene dibromide
100 Fuel Combustion											
110	Agricultural	0.00	0.00	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	Oil and Gas Production	1.10	0.62	55.57	0.02	0.00	0.00	0.00	0.00	0.00	0.00
130	Petroleum Refining	0.12	0.13	1.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00
140	Other Manufacturing/Industrial	109.87	104.39	150.93	3.48	0.00	0.00	0.00	0.00	0.00	0.00
150	Electric Utilities	0.41	0.06	12.63	0.04	0.00	0.00	0.00	0.00	0.00	0.00
160	Other Service and Commerce	17.76	15.75	94.48	3.82	0.00	0.00	0.00	0.00	0.00	0.00
170	Residential	85.34	62.98	171.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	8.44	7.86	11.19	1.80	0.00	0.00	0.00	0.00	0.00	0.00
	Total	223.04	191.78	498.96	9.16	0.00	0.00	0.00	0.00	0.00	0.00
200 Waste Burning											
210	Agricultural Debris	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00
220	Range Management	0.00	0.00	0.00	13.47	0.00	0.00	0.00	0.00	0.00	0.00
230	Forest Management	0.00	0.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00
240	Incineration	0.00	0.00	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	1.39	148.84	0.00	0.00	0.00	0.00	0.00	0.00
300 Solvent Use											
310	Dry Cleaning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	Degreasing	0.00	7126.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	Architectural Coating	0.00	2305.86	115.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	Other Surface Coating	0.00	3592.91	10.16	0.00	0.00	5.48	0.00	0.00	0.00	0.00
350	Asphalt Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360	Printing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
370	Consumer Products	0.00	4624.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
380	Industrial Solvent Use	0.00	2227.51	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
399	Other	0.00	637.81	8.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	20515.07	134.49	0.00	0.00	5.48	0.00	0.00	0.00	0.00
400 Petroleum Process, Storage & Transfer											
410	Oil and Gas Extraction	0.00	0.00	318.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
420	Petroleum Refining	0.00	0.00	2.44	0.00	0.00	3.29	0.00	0.00	0.00	0.00
430	Petroleum Marketing	0.00	0.00	205.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
499	Other	0.00	0.00	8.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	534.63	0.00	0.00	3.29	0.00	0.00	0.00	0.00

Table IV-1. 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
500 Industrial Processes										
510	Chemical	0.00	6.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
520	Food and Agricultural	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
560	Mineral Processes	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00
570	Metal Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
580	Wood and Paper	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
599	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	6.11	0.58	0.00	0.00	0.00	0.00	0.00	0.00
600 Miscellaneous Processes										
610	Pesticide Application	0.00	267.01	1542.93	0.00	0.00	0.00	0.00	0.00	0.00
620	Farming Operations	0.00	6009.58	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	Entrained Road Dust - Paved	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
650	Entrained Road Dust - Unpaved	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660	Unplanned Fires	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
670	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
680	Waste Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
685	Natural Sources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	NOx/SOx RECLAIM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
691	ERC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
692	Hi/LO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
693	NSR Exemption	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
694	Rule 518.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
695	ODC Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	6276.59	1542.93	0.00	0.00	0.00	0.00	0.00	0.00
700 On-Road Vehicles										
710	Light-Duty Passenger	1610.57	1203.15	14133.12	2582.24	0.00	0.00	0.00	0.00	0.00
720	Light- and Medium-Duty Trucks	698.20	541.99	6204.22	1224.73	0.00	0.00	0.00	0.00	0.00
730	Heavy-Duty Gas Trucks	63.13	39.64	522.93	86.42	0.00	0.00	0.00	0.00	0.00
740	Heavy-Duty Diesel Trucks	2970.89	3033.12	808.48	76.77	0.00	0.00	0.00	0.00	0.00
750	Motorcycles	47.84	30.71	250.89	61.20	0.00	0.00	0.00	0.00	0.00
760	Heavy-Duty Diesel - Urban Bus	95.17	97.16	25.90	2.46	0.00	0.00	0.00	0.00	0.00
799	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5485.80	4945.78	21945.53	4033.82	0.00	0.00	0.00	0.00	0.00

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Acetalde- hyde	Acetone	Benzene	Butadiene	1,3 Butadiene	Carbon tetrachloride	Chloroform	1,1 Dichloro- ethane	1,4 dioxane	Ethylene dibromide
800	Other Mobile										
810	Off-Road Vehicles	658.44	416.44	2886.70	695.27	0.00	0.00	0.00	0.00	0.00	0.00
815	Commercial Boats	110.75	112.32	38.03	4.84	0.00	0.00	0.00	0.00	0.00	0.00
820	Trains	305.21	311.60	83.06	7.89	0.00	0.00	0.00	0.00	0.00	0.00
830	Ships	650.57	664.19	191.17	16.81	0.00	0.00	0.00	0.00	0.00	0.00
850	Aircraft - Government	4.24	0.86	13.92	3.36	0.00	0.00	0.00	0.00	0.00	0.00
860	Aircraft - Other	627.28	15.11	474.73	269.57	0.00	0.00	0.00	0.00	0.00	0.00
870	Mobile Equipment	3196.60	3170.98	1849.63	328.02	0.00	0.00	0.00	0.00	0.00	0.00
880	Utility Equipment	217.18	133.20	996.13	240.35	0.00	0.00	0.00	0.00	0.00	0.00
891	Seeps/Biogenics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
892	Channel Shipping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
893	OCS and Related Sources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
894	Tideland Platforms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	5770.27	4824.70	6533.38	1566.10	0.00	0.00	0.00	0.00	0.00	0.00
900	Unspecified Sources	0.01	1.32	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	AB 2588 Sources	57.11	531.41	266.81	2.01	1.84	35.50	0.08	104.96	0.24	0.00
Total	Stationary and Area Sources	280.17	27522.28	2979.85	160.02	10.61	35.50	0.08	104.96	0.24	0.00
Total	On-Road Vehicles	5485.80	4945.78	21945.53	4033.82	0.00	0.00	0.00	0.00	0.00	0.00
Total	Other Mobile	5770.27	4824.70	6533.38	1566.10	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total		11536.23	37292.76	31458.76	5759.93	10.61	35.50	0.08	104.96	0.24	0.00

Table IV-1. 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	p-Dichlorobenzene	Perchloroethylene	Propylene oxide
100 Fuel Combustion										
110	Agricultural	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
120	Oil and Gas Production	0.00	0.00	121.01	0.12	0.00	0.00	0.00	0.00	0.00
130	Petroleum Refining	0.00	0.00	2.44	0.02	0.00	0.01	0.00	0.00	0.00
140	Other Manufacturing/Industrial	0.00	0.00	598.79	20.52	0.00	1.44	0.00	0.00	0.00
150	Electric Utilities	0.00	0.00	31.58	0.01	0.00	0.08	0.00	0.00	0.00
160	Other Service and Commerce	0.00	0.00	255.41	2.99	0.00	6.79	0.00	0.00	0.00
170	Residential	0.00	0.00	437.33	0.00	0.00	0.00	0.00	0.00	0.00
199	Other	0.00	0.00	32.26	1.50	0.00	3.03	0.00	0.00	0.00
	Total	0.00	0.00	1478.97	25.16	0.00	11.34	0.00	0.00	0.00
200 Waste Burning										
210	Agricultural Debris	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	Range Management	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
230	Forest Management	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
240	Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
299	Other	0.00	0.00	9.53	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	9.53	0.00	0.00	0.00	0.00	0.00	0.00
300 Solvent Use										
310	Dry Cleaning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16106.30	0.00
320	Degreasing	0.00	0.00	0.00	5659.18	8056.99	0.00	0.00	8594.22	0.00
330	Architectural Coating	0.00	0.00	0.00	4035.25	2117.49	0.00	0.00	0.00	0.00
340	Other Surface Coating	3.29	0.00	30.14	2673.07	186.32	0.00	0.00	0.00	0.00
350	Asphalt Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360	Printing	0.00	0.00	8.77	793.56	0.00	0.00	0.00	0.00	0.00
370	Consumer Products	0.00	429.27	58.54	2614.64	409.76	0.00	3531.72	1034.15	0.00
380	Industrial Solvent Use	0.00	0.00	0.00	1410.52	0.00	5.16	0.00	569.43	0.00
399	Other	0.00	0.00	0.00	407.67	0.00	0.00	0.00	351.78	0.00
	Total	3.29	429.27	97.44	17593.91	10770.55	5.16	3531.72	26655.87	0.00
400 Petroleum Process, Storage & Transfer										
410	Oil and Gas Extraction	0.00	0.00	0.00	0.00	0.00	1.84	0.00	0.00	0.00
420	Petroleum Refining	0.00	0.00	0.01	0.00	0.00	9.04	0.00	0.00	0.00
430	Petroleum Marketing	0.00	0.00	0.00	0.00	0.00	5486.63	0.00	0.00	0.00
499	Other	0.00	0.00	0.03	0.00	0.00	0.18	0.00	0.00	0.00
	Total	0.00	0.00	0.04	0.00	0.00	5497.70	0.00	0.00	0.00

Table IV-1. 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	p-Dichlorobenzene	Perchloroethylene	Propylene oxide
500 Industrial Processes										
510	Chemical	1.64	46.58	37.81	0.26	0.00	0.00	0.00	0.00	0.00
520	Food and Agricultural	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
560	Mineral Processes	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
570	Metal Processes	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00
580	Wood and Paper	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00
599	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1.64	46.58	39.66	0.26	0.00	0.00	0.00	0.00	0.00
600 Miscellaneous Processes										
610	Pesticide Application	0.00	24.79	3.38	150.97	23.66	0.00	203.92	59.71	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	Entrained Road Dust - Paved	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
650	Entrained Road Dust - Unpaved	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
660	Unplanned Fires	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
670	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
680	Waste Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	719.51	0.00
685	Natural Sources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	NOx/SOx RECLAIM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
691	ERC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
692	Hi/LO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
693	NSR Exemption	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
694	Rule 518.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
695	ODC Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other	0.00	10.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	35.74	3.38	150.97	23.66	0.00	203.92	779.22	0.00
700 On-Road Vehicles										
710	Light-Duty Passenger	0.00	0.00	6922.97	191.77	0.00	40552.08	0.00	0.00	0.00
720	Light- and Medium-Duty Trucks	0.00	0.00	3104.16	87.07	0.00	16003.13	0.00	0.00	0.00
730	Heavy-Duty Gas Trucks	0.00	0.00	303.18	5.05	0.00	1626.64	0.00	0.00	0.00
740	Heavy-Duty Diesel Trucks	0.00	0.00	5945.02	596.76	0.00	0.00	0.00	0.00	0.00
750	Motorcycles	0.00	0.00	199.09	5.34	0.00	247.07	0.00	0.00	0.00
760	Heavy-Duty Diesel - Urban Bus	0.00	0.00	190.44	19.12	0.00	0.00	0.00	0.00	0.00
799	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	16664.85	905.11	0.00	58428.93	0.00	0.00	0.00

Table IV-1. 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	p-Dichlorobenzene	Perchloroethylene	Propylene oxide
800	Other Mobile									
810	Off-Road Vehicles	0.00	0.00	2672.39	56.41	0.00	1556.29	0.00	0.00	0.00
815	Commercial Boats	0.00	0.00	225.57	22.03	0.00	4.54	0.00	0.00	0.00
820	Trains	0.00	0.00	610.76	61.31	0.00	0.00	0.00	0.00	0.00
830	Ships	0.00	0.00	1302.49	130.68	0.00	0.00	0.00	0.00	0.00
850	Aircraft - Government	0.00	0.00	10.66	0.24	0.00	0.90	0.00	0.00	0.00
860	Aircraft - Other	0.00	0.00	1974.94	4.23	0.00	15.71	0.00	0.00	0.00
870	Mobile Equipment	0.00	0.00	8799.08	614.66	0.00	563.15	0.00	0.00	0.00
880	Utility Equipment	0.00	0.00	903.47	17.37	0.00	538.60	0.00	0.00	0.00
891	Seeps/Biogenics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
892	Channel Shipping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
893	OCS and Related Sources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
894	Tideland Platforms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	16499.34	906.94	0.00	2679.18	0.00	0.00	0.00
900	Unspecified Sources	0.00	0.55	0.05	5.30	6.09	0.03	0.00	0.00	0.00
	AB 2588 Sources	17.55	12.33	674.73	385.88	1673.60	434.39	4.48	2249.10	22.27
Total	Stationary and Area Sources	22.48	524.47	2303.81	18161.47	12473.90	5948.62	3740.12	29684.20	22.27
Total	On-Road Vehicles	0.00	0.00	16664.85	905.11	0.00	58428.93	0.00	0.00	0.00
Total	Other Mobile	0.00	0.00	16499.34	906.94	0.00	2679.18	0.00	0.00	0.00
Grand Total		22.48	524.47	35468.00	19973.52	12473.90	67056.73	3740.12	29684.20	22.27

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Styrene	Toluene	Trichloro-ethylene	Vinyl Chloride	Arsenic	Cadmium	Chromium	Diesel particulate	Elemental carbon
100 Fuel Combustion										
110	Agricultural	0.00	1.39	0.00	0.00	0.09	0.01	0.09	0.00	2.90
120	Oil and Gas Production	0.00	27.77	0.00	0.00	0.10	0.01	0.10	0.00	4.90
130	Petroleum Refining	0.00	0.60	0.00	0.00	0.01	0.00	0.04	0.00	3.05
140	Other Manufacturing/Industrial	0.90	144.01	0.00	0.00	0.33	0.04	0.53	815.34	583.46
150	Electric Utilities	0.01	6.42	0.00	0.00	0.00	0.00	0.05	0.00	25.51
160	Other Service and Commerce	0.58	65.78	0.00	0.00	0.67	0.06	0.78	0.00	452.33
170	Residential	0.00	112.74	0.00	0.00	0.10	0.02	0.09	0.00	1855.18
199	Other	0.27	14.02	0.00	0.00	0.28	0.03	0.31	0.00	24.05
	Total	1.77	372.73	0.00	0.00	1.57	0.17	1.99	815.34	2951.40
200 Waste Burning										
210	Agricultural Debris	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.52
220	Range Management	0.00	0.00	0.00	0.00	0.01	0.04	0.02	0.00	309.12
230	Forest Management	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	3431.39
240	Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37
299	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.97
	Total	0.00	0.00	0.00	0.00	0.38	0.04	0.02	0.00	3788.37
300 Solvent Use										
310	Dry Cleaning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
320	Degreasing	0.00	1906.60	2551.34	0.00	0.00	0.00	0.00	0.00	0.00
330	Architectural Coating	0.00	5023.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	Other Surface Coating	0.00	36253.90	0.00	0.00	0.00	0.00	0.00	0.00	686.22
350	Asphalt Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360	Printing	0.00	10.93	0.00	0.00	0.00	0.00	0.00	0.00	30.74
370	Consumer Products	19.51	6868.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
380	Industrial Solvent Use	0.00	1038.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
399	Other	0.00	230.27	0.00	0.00	0.00	0.00	0.00	0.00	21.70
	Total	19.51	51331.87	2551.34	0.00	0.00	0.00	0.00	0.00	738.96
400 Petroleum Process, Storage & Transfer										
410	Oil and Gas Extraction	0.00	192.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
420	Petroleum Refining	0.00	2.01	0.00	0.00	0.12	0.00	0.19	0.00	1.63
430	Petroleum Marketing	0.00	1078.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
499	Other	0.00	5.66	0.00	0.00	0.01	0.00	0.02	0.00	0.13
	Total	0.00	1278.50	0.00	0.00	0.13	0.00	0.21	0.00	1.76

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Styrene	Toluene	Trichloro-ethylene	Vinyl Chloride	Arsenic	Cadmium	Chromium	Diesel particulate	Elemental carbon
500 Industrial Processes										
510	Chemical	420.27	2352.89	0.00	0.00	0.00	0.30	0.03	0.00	0.00
520	Food and Agricultural	0.00	598.90	0.00	0.00	0.00	0.00	0.00	0.00	110.30
560	Mineral Processes	0.00	11.74	0.00	0.00	1.38	0.07	0.46	0.00	43.45
570	Metal Processes	0.00	2.19	0.00	0.00	0.00	0.17	1.73	0.00	4.56
580	Wood and Paper	0.00	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.27
599	Other	25.75	55.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	446.03	3024.16	0.00	0.00	1.38	0.54	2.22	0.00	158.59
600 Miscellaneous Processes										
610	Pesticide Application	1.13	1032.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
620	Farming Operations	0.00	0.00	0.00	0.00	0.41	0.45	6.37	0.00	492.42
630	Construction and Demolition	0.00	0.00	0.00	0.00	2.69	3.32	35.43	0.00	731.43
640	Entrained Road Dust - Paved	0.00	0.00	0.00	0.00	11.36	14.38	168.82	0.00	7083.07
650	Entrained Road Dust - Unpaved	0.00	0.00	0.00	0.00	2.58	4.30	42.12	0.00	161.96
660	Unplanned Fires	0.00	139.02	0.00	0.00	0.02	0.02	0.01	0.00	489.63
670	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	3.43	4.53	46.69	0.00	829.06
680	Waste Disposal	0.00	417.13	0.00	0.00	0.17	0.21	2.26	0.00	46.59
685	Natural Sources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	NOX/SOx RECLAIM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
691	ERC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
692	Hi/LO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
693	NSR Exemption	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
694	Rule 518.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
695	ODC Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other	0.00	339.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1.13	1928.70	0.00	0.00	20.65	27.21	301.70	0.00	9834.16
700 On-Road Vehicles										
710	Light-Duty Passenger	707.97	42443.23	0.00	0.00	0.00	0.05	1.13	674.52	12892.33
720	Light- and Medium-Duty Trucks	356.44	18138.96	0.00	0.00	0.00	0.02	0.49	346.85	5671.10
730	Heavy-Duty Gas Trucks	16.18	1436.43	0.00	0.00	0.00	0.00	0.46	0.00	816.38
740	Heavy-Duty Diesel Trucks	23.43	595.15	0.00	0.00	0.09	1.53	0.23	22769.86	8030.12
750	Motorcycles	9.98	554.77	0.00	0.00	0.00	0.00	0.06	0.00	76.84
760	Heavy-Duty Diesel - Urban Bus	0.75	19.06	0.00	0.00	0.00	0.01	0.00	115.07	85.36
799	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	1114.76	63187.61	0.00	0.00	0.10	1.60	2.38	23906.30	27572.13

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Styrene	Toluene	Trichloro-ethylene	Vinyl Chloride	Arsenic	Cadmium	Chromium	Diesel particulate	Elemental carbon
800	Other Mobile									
810	Off-Road Vehicles	109.02	5687.47	0.00	0.00	0.00	0.01	1.35	95.34	565.01
815	Commercial Boats	1.18	38.38	0.00	0.00	0.00	0.01	0.00	200.00	54.08
820	Trains	2.41	61.14	0.00	0.00	0.00	0.07	0.01	1053.15	270.80
830	Ships	5.13	144.39	0.00	0.00	0.02	0.35	0.05	5176.44	1352.82
850	Aircraft - Government	1.16	25.66	0.00	0.00	0.00	0.00	0.01	0.00	0.96
860	Aircraft - Other	67.78	512.00	0.00	0.00	0.19	0.02	0.22	0.00	17.29
870	Mobile Equipment	62.78	2650.66	0.00	0.00	0.06	1.06	0.28	15861.37	4297.00
880	Utility Equipment	37.64	1966.20	0.00	0.00	0.00	0.00	0.33	0.00	132.38
891	Seeps/Biogenics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
892	Channel Shipping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
893	OCS and Related Sources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
894	Tideland Platforms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	287.09	11085.90	0.00	0.00	0.28	1.52	2.25	22386.30	6690.34
900	Unspecified Sources	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AB 2588 Sources	3836.70	3682.35	57.99	4.34	0.72	0.74	2.21	5.42	0.00
Total	Stationary and Area Sources	4305.13	61618.66	2609.33	4.34	24.83	28.70	308.34	820.76	17473.23
Total	On-Road Vehicles	1114.76	63187.61	0.00	0.00	0.10	1.60	2.38	23906.30	27572.13
Total	Other Mobile	287.09	11085.90	0.00	0.00	0.28	1.52	2.25	22386.30	6690.34
Grand	Total	5706.98	135892.16	2609.33	4.34	25.21	31.82	312.97	47113.37	51735.71

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Hex.				Nickel	Organic carbon	Selenium	Silicon
		chromium	Lead						
100	Fuel Combustion								
110	Agricultural	0.02	0.10	0.01	0.00	0.01	0.00	0.00	
120	Oil and Gas Production	0.02	0.10	0.01	0.00	0.01	0.00	0.00	
130	Petroleum Refining	0.01	0.01	0.03	0.00	0.03	0.00	0.00	
140	Other Manufacturing/Industrial	0.10	0.35	0.24	0.00	0.14	4.48	0.00	
150	Electric Utilities	0.01	0.00	0.28	0.00	0.00	0.00	0.00	
160	Other Service and Commerce	0.14	0.69	0.18	0.00	0.08	0.00	0.00	
170	Residential	0.02	0.12	0.01	1064.68	0.01	0.03	0.00	
199	Other	0.06	0.30	0.05	0.00	0.03	0.00	0.00	
	Total	0.36	1.66	0.81	1064.68	0.31	4.52	0.00	
200	Waste Burning								
210	Agricultural Debris	0.00	0.01	0.00	17.62	0.00	0.03	0.00	
220	Range Management	0.00	0.14	0.01	573.59	0.01	7.75	0.00	
230	Forest Management	0.00	0.72	0.00	9044.51	0.05	15.47	0.00	
240	Incineration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
299	Other	0.00	0.00	0.00	0.18	0.00	0.01	0.00	
	Total	0.00	0.87	0.01	9635.90	0.06	23.25	0.00	
300	Solvent Use								
310	Dry Cleaning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
320	Degreasing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
330	Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
340	Other Surface Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
350	Asphalt Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
360	Printing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
370	Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
380	Industrial Solvent Use	0.00	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	
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400	Petroleum Process, Storage & Transfer								
410	Oil and Gas Extraction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
420	Petroleum Refining	0.00	0.00	0.00	0.00	0.00	0.11	0.00	
430	Petroleum Marketing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
499	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total	0.00	0.00	0.00	0.00	0.00	0.11	0.00	

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Hex.		Lead	Nickel	Organic		Selenium	Silicon
		chromium	carbon						
500 Industrial Processes									
510	Chemical	0.00	0.03	0.30	0.00	0.00	0.00	0.00	0.00
520	Food and Agricultural	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.15
560	Mineral Processes	0.04	0.46	0.22	0.00	2.70	0.00	2.70	111.97
570	Metal Processes	0.00	0.17	1.88	0.00	0.01	0.00	0.01	0.00
580	Wood and Paper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
599	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.05	0.66	2.40	0.00	2.71	0.00	2.71	167.12
600 Miscellaneous Processes									
610	Pesticide Application	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
620	Farming Operations	0.00	1.76	1.72	13402.71	0.13	4589.48	0.32	30087.89
630	Construction and Demolition	0.00	88.11	9.33	6952.84	1.51	136570.86	0.17	34032.09
640	Entrained Road Dust - Paved	0.00	719.97	51.48	65600.88	0.40	41279.13	0.02	1916.40
650	Entrained Road Dust - Unpaved	0.00	154.91	10.83	5220.97	0.00	110.33	0.00	0.00
660	Unplanned Fires	0.00	0.08	0.00	318.32	0.00	0.00	0.00	0.00
670	Fugitive Windblown Dust	0.00	44.63	11.33	5972.94	0.00	0.00	0.00	0.00
680	Waste Disposal	0.00	5.61	0.59	442.85	0.00	0.00	0.00	0.00
685	Natural Sources	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	NOx/SOx RECLAIM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
691	ERC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
692	Hi/LO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
693	NSR Exemption	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
694	Rule 518.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
695	ODC Conversion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
699	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	1015.06	85.29	97911.51	2.55	248586.19	2.55	248586.19
700 On-Road Vehicles									
710	Light-Duty Passenger	0.20	0.02	1.14	463.47	0.00	1.94	0.00	1.00
720	Light- and Medium-Duty Trucks	0.09	0.01	0.50	238.32	0.00	0.00	0.00	0.00
730	Heavy-Duty Gas Trucks	0.08	0.00	0.46	0.00	0.11	65.33	0.00	0.00
740	Heavy-Duty Diesel Trucks	0.00	0.68	0.36	15645.38	0.00	0.00	0.00	0.00
750	Motorcycles	0.01	0.00	0.06	0.00	0.00	0.00	0.00	0.00
760	Heavy-Duty Diesel - Urban Bus	0.00	0.00	0.00	79.06	0.00	0.33	0.00	0.00
799	Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.39	0.72	2.52	16426.23	0.12	68.59	0.12	68.59

Table IV-1. 1998 Emissions (lbs/day) by Major Source Category for the South Coast Air Basin.

Code	Source Category	Hex. chromium	Lead	Nickel	Organic carbon	Selenium	Silicon
800	Other Mobile						
810	Off-Road Vehicles	0.24	0.00	1.35	65.51	0.00	0.27
815	Commercial Boats	0.00	0.01	0.00	137.42	0.00	0.94
820	Trains	0.00	0.03	0.02	723.63	0.01	3.02
830	Ships	0.00	0.16	0.08	3556.78	0.03	17.85
850	Aircraft - Government	0.00	0.00	0.00	0.00	0.00	0.00
860	Aircraft - Other	0.04	0.20	0.05	0.00	0.02	0.00
870	Mobile Equipment	0.02	0.48	0.38	10898.49	0.08	45.51
880	Utility Equipment	0.06	0.00	0.33	0.00	0.00	0.00
891	Seeps/Biogenics	0.00	0.00	0.00	0.00	0.00	0.00
892	Channel Shipping	0.00	0.00	0.00	0.00	0.00	0.00
893	OCS and Related Sources	0.00	0.00	0.00	0.00	0.00	0.00
894	Tideland Platforms	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.37	0.87	2.21	15381.83	0.13	67.59
900	Unspecified Sources	0.00	0.00	0.00	0.00	0.00	0.00
	AB 2588 Sources	1.00	24.48	21.63	0.00	5.69	0.00
Total	Stationary and Area Sources	1.41	1042.73	110.14	108612.09	11.32	248781.19
Total	On-Road Vehicles	0.39	0.72	2.52	16426.23	0.12	68.59
Total	Other Mobile	0.37	0.87	2.21	15381.83	0.13	67.59
Grand Total		2.16	1044.32	114.88	140420.16	11.57	248917.38