

1995 Statewide Emission Inventory by Summary Category

Division Major Category Summary Category	Emissions (tons/day, annual average)					
	TOG	ROG	CO	NO _x	SO _x	PM ₁₀
Stationary Sources (division total)	2686	735	348	633	138	211
Fuel Combustion (major category total)	154	35	285	531	50	34
– Electric Utilities	28	6	36	69	8	5
– Cogeneration	9	2	36	36	2	3
– Oil and Gas Production (Combustion)	37	6	28	71	3	3
– Petroleum Refining (Combustion)	5	2	12	54	11	6
– Manufacturing and Industrial	44	8	79	167	16	9
– Food and Agricultural Processing	5	4	51	44	4	4
– Service and Commercial	25	7	32	84	7	5
– Other (Fuel Combustion)	2	1	12	6	0	1
Waste Disposal (major category total)	1427	22	0	1	0	8
– Landfills	1422	20	0	1	0	8
– Other (Waste Disposal)	5	2	0	0	0	0
Cleaning and Surface Coatings (major category total)	509	396	0	0	0	0
– Laundering	20	20	0	0	0	0
– Degreasing	191	127	0	0	0	0
– Coatings and Related Process Solvents (summary category total)	228	188	0	0	0	0
– <i>Auto, Marine & Aircraft</i>	23	23	0	0	0	0
– <i>Paper & Fabric</i>	5	5	0	0	0	0
– <i>Metal, Wood & Plastic</i>	65	61	0	0	0	0
– <i>Other</i>	134	99	0	0	0	0
– Printing	18	18	0	0	0	0
– Other (Cleaning and Surface Coatings)	52	43	0	0	0	0

Table 2-2

1995 Statewide Emission Inventory by Summary Category, continued

Division Major Category Summary Category	Emissions (tons/day, annual average)					
	TOG	ROG	CO	NO _x	SO _x	PM ₁₀
Stationary Sources (continued)						
Petroleum Production and Marketing (major category total)	512	218	7	21	60	3
– Oil and Gas Production (except combustion)	213	99	1	3	0	0
– Petroleum Refining (except combustion)	49	37	6	19	60	3
– Petroleum Marketing (summary category total)	243	76	0	0	0	0
– Fuel Distribution Losses	177	12	0	0	0	0
– Fuel Storage Losses	4	4	0	0	0	0
– Vehicle Refueling	48	48	0	0	0	0
– Other	14	12	0	0	0	0
– Other (Petroleum Production & Marketing)	7	6	0	0	0	0
Industrial Processes (major category total)	85	64	56	80	27	165
– Chemical	30	23	0	3	7	5
– Food and Agriculture (except combustion)	23	19	2	10	1	15
– Mineral Processes	5	3	18	45	11	37
– Metal Processes	1	1	0	0	0	2
– Wood and Paper	3	2	1	3	1	16
– Glass and Related Products	0	0	0	16	6	2
– Electronics	0	0	0	0	0	0
– Other (Industrial Processes)	24	16	33	4	1	89

Table 2-2 (continued)

1995 Statewide Emission Inventory by Summary Category, continued

Division Major Category Summary Category	Emissions (tons/day, annual average)					
	TOG	ROG	CO	NO _x	SO _x	PM ₁₀
Area-wide Sources (division total)	2042	778	2529	95	5	1881
Solvent Evaporation (major category total)	518	481	0	0	0	0
– Consumer Products	252	228	0	0	0	0
– Architectural Coatings and Related Process Solvents (summary category total)	136	126	0	0	0	0
– <i>Architectural Coatings</i>	117	113	0	0	0	0
– <i>Thinning and Cleanup Solvents</i>	19	13	0	0	0	0
– Pesticides/Fertilizers (summary category total)	102	100	0	0	0	0
– <i>Farm Use</i>	84	84	0	0	0	0
– <i>Home Use</i>	14	13	0	0	0	0
– <i>Commercial Use</i>	5	4	0	0	0	0
– Asphalt Paving	26	26	0	0	0	0
– Refrigerants	0	0	0	0	0	0
– Other (Solvent Evaporation)	2	1	0	0	0	0
Miscellaneous Processes (major category total)	1524	297	2529	95	5	1881
– Residential Fuel Combustion (summary category total)	137	57	918	83	5	129
– <i>Wood Combustion</i>	131	54	898	11	2	125
– <i>Cooking and Space Heating</i>	5	2	18	64	3	4
– <i>Other</i>	1	0	2	8	0	0
– Farming Operations (summary category total)	1180	94	0	0	0	218
– <i>Tilling, Harvesting & Growing</i>	0	0	0	0	0	174
– <i>Livestock</i>	1180	94	0	0	0	44
– Construction and Demolition (summary category total)	0	0	0	0	0	184
– <i>Building</i>	0	0	0	0	0	92
– <i>Road Construction Dust</i>	0	0	0	0	0	92

Table 2-2 (continued)

1995 Statewide Emission Inventory by Summary Category, continued

Division Major Category Summary Category	Emissions (tons/day, annual average)					
	TOG	ROG	CO	NO _x	SO _x	PM ₁₀
Area-wide Sources (continued)						
Miscellaneous Processes (continued)						
- Paved Road Dust	0	0	0	0	0	399
- Unpaved Road Dust	0	0	0	0	0	580
- Fugitive Windblown Dust (summary category total)	0	0	0	0	0	244
- Farm Lands	0	0	0	0	0	186
- Pasture Lands	0	0	0	0	0	14
- Unpaved Roads	0	0	0	0	0	43
- Fires (Structural and Automotive)	2	1	18	0	0	2
- Waste Burning and Disposal (summary category total)	116	62	1043	9	1	95
- Agricultural Burning	53	29	334	4	0	37
- Non-Agricultural	63	32	707	3	0	56
- Other	1	1	2	1	0	1
- Utility Equipment (summary category total)	78	75	549	2	0	2
- Lawn & Garden - Residential	17	16	143	1	0	0
- Lawn & Garden - Commercial	61	59	406	2	0	1
- Other (Miscellaneous Processes) (summary category total)	11	8	1	0	0	30
- Cooking	10	7	0	0	0	28
- Other	1	1	1	0	0	2

Table 2-2 (continued)

1995 Statewide Emission Inventory by Summary Category, continued

Division Major Category Summary Category	Emissions (tons/day, annual average)					
	TOG	ROG	CO	NO _x	SO _x	PM ₁₀
Mobile Sources (division category total)	2198	1973	18256	2776	133	116
On-Road Motor Vehicles (major category total)	1858	1652	15461	2081	56	67
– Light Duty Passenger (summary category total)	1129	1006	9415	812	19	15
– <i>Non-Evaporative</i>	803	680	9404	804	18	13
– <i>Evaporative</i>	324	324	0	0	0	0
– <i>Diesel</i>	2	2	11	7	1	2
– Light Duty Trucks (summary category total)	547	480	4719	545	9	7
– <i>Non-Evaporative</i>	421	354	4714	542	9	6
– <i>Evaporative</i>	125	125	0	0	0	0
– <i>Diesel</i>	1	1	5	4	0	1
– Medium Duty Trucks (summary category total)	70	60	425	80	1	1
– <i>Non-Evaporative</i>	60	50	425	80	1	1
– <i>Evaporative</i>	11	11	0	0	0	0
– Light Heavy Duty Gas Trucks (summary category total)	26	23	363	109	3	3
– <i>Non-Evaporative</i>	19	16	363	109	3	3
– <i>Evaporative</i>	7	7	0	0	0	0
– Medium Heavy Duty Gas Trucks (summary category total)	12	11	199	34	1	1
– <i>Non-Evaporative</i>	9	8	199	34	1	1
– <i>Evaporative</i>	4	4	0	0	0	0
– Light Heavy Duty Diesel Trucks	6	6	32	43	4	4
– Medium Heavy Duty Diesel Trucks	14	14	68	97	6	9
– Heavy Heavy Duty Diesel Trucks	42	40	192	338	13	28
– Motorcycles	11	10	48	5	0	0
– Heavy Duty Diesel Urban Buses	2	2	2	18	1	0

Table 2-2 (continued)

1995 Statewide Emission Inventory by Summary Category, continued

Division Major Category Summary Category	Emissions (tons/day, annual average)					
	TOG	ROG	CO	NO _x	SO _x	PM ₁₀
Mobile Sources (continued)						
Other Mobile Sources (major category total)	340	321	2795	695	78	50
– Aircraft	69	60	321	48	4	13
– Trains	8	7	23	149	7	3
– Ships and Commercial Boats	9	9	14	75	52	9
– Recreational Boats*	99	95	509	10	0	4
– Off-road Recreational Vehicles (summary category total)*	67	65	259	5	0	0
– <i>Snowmobiles</i>	42	40	114	2	0	0
– <i>Motorcycles</i>	12	12	61	1	0	0
– <i>All-Terrain Vehicles (ATVs)</i>	10	10	53	0	0	0
– <i>Four-Wheel Drive Vehicles</i>	3	3	30	2	0	0
– Commercial/Industrial Mobile Equipment*	74	71	1437	316	9	15
– Farm Equipment*	16	15	232	93	5	5
Natural (Non-Anthropogenic) Sources (division total)	106	48	550	8	0	78
Natural Sources** (major category total)	106	48	550	8	0	78
– Geogenic Sources	52	18	0	0	0	0
– Wildfires	54	30	550	8	0	78
Total Statewide - All Sources	7032	3534	21684	3511	277	2286

Table 2-2 (continued)

* Updated emission estimates are being used to support an upcoming Air Resources Board regulatory hearing. When the new emission estimates are approved by the Board they will be included in subsequent editions of the almanac.

** Does not include biogenics.