

**ATTACHMENT A**  
**TO APPENDIX III**  
**FINAL 2003 AQMP**

**ANNUAL AVERAGE EMISSIONS**  
**BY MAJOR SOURCE CATEGORY**

**TABLE A-1**

1995 Annual Average Emissions by Source Category in South Coast Air Basin(Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	8.31	1.29	5.62	22.01	0.33	0.88	0.87	0.87
20	Cogeneration	8.26	0.83	1.68	4.34	0.46	0.68	0.67	0.67
30	Oil and Gas Production (combustion)	3.50	0.66	0.81	5.56	0.04	0.17	0.17	0.17
40	Petroleum Refining (Combustion)	2.18	1.08	4.80	23.91	7.53	2.44	2.32	2.27
50	Manufacturing and Industrial	12.55	2.35	9.32	34.25	3.02	2.15	2.10	2.07
52	Food and Agricultural Processing	0.43	0.21	0.75	2.44	0.05	0.21	0.20	0.20
60	Service and Commercial	15.40	2.01	9.15	14.65	0.76	0.86	0.85	0.84
99	Other (Fuel Combustion)	1.76	0.28	3.27	2.25	0.20	0.33	0.31	0.29
Total	Fuel Combustion	52.41	8.71	35.40	109.42	12.39	7.71	7.48	7.38
Waste Disposal									
110	Sewage Treatment	0.18	0.13	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	168.16	2.23	0.17	0.36	0.14	0.16	0.16	0.16
130	Incineration	0.86	0.14	0.74	1.76	0.09	0.16	0.08	0.07
199	Other (Waste Disposal)	59.72	7.14	0.00	0.18	0.00	0.16	0.11	0.07
Total	Waste Disposal	228.92	9.64	0.92	2.29	0.23	0.48	0.36	0.30
Cleaning and Surface Coatings									
210	Laundering	7.92	0.16	0.00	0.02	0.00	0.00	0.00	0.00
220	Degreasing	100.36	57.71	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	44.00	40.80	0.00	0.00	0.00	0.05	0.05	0.04
240	Printing	7.31	7.31	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	10.69	9.33	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	1.50	1.07	0.01	0.02	0.00	0.00	0.00	0.00
Total	Cleaning and Surface Coatings	171.78	116.38	0.01	0.04	0.00	0.05	0.05	0.05
Petroleum Production and Marketing									
310	Oil and Gas Production	16.49	7.36	0.26	0.23	0.00	0.04	0.02	0.02
320	Petroleum Refining	15.32	11.41	4.51	10.61	15.37	1.86	1.27	0.88
330	Petroleum Marketing	108.20	61.30	0.00	0.10	0.00	0.03	0.03	0.03
399	Other(Petroleum Production & Marketing)	0.30	0.26	0.00	0.00	0.00	0.00	0.00	0.00
Total	Petroleum Production and Marketing	140.30	80.34	4.78	10.95	15.37	1.93	1.32	0.93

**TABLE A-1**

(Continued)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	15.00	12.48	0.03	0.11	0.92	0.41	0.37	0.35
420	Food and Agriculture	2.73	2.13	0.12	0.03	0.00	0.53	0.18	0.05
430	Mineral Processes	2.89	2.33	2.00	7.77	4.06	4.20	2.83	1.90
440	Metal Processes	1.22	0.87	1.47	1.48	0.15	1.07	0.71	0.54
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.29	0.89	0.54
460	Glass and Related Products	0.09	0.06	0.15	4.57	2.76	0.22	0.22	0.21
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	0.99	0.70	0.00	0.04	0.00	0.26	0.14	0.10
Total Industrial Processes		22.93	18.59	3.79	14.02	7.90	7.98	5.35	3.70
Solvent Evaporation									
510	Consumer Products	146.51	119.73	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings & Related Solvent	51.48	50.27	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.59	0.54	0.00	0.00	0.00	0.02	0.02	0.02
Total Solvent Evaporation		201.59	173.54	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	8.41	3.64	50.86	25.79	0.37	7.91	7.53	7.32
620	Farming Operations	149.93	11.99	0.00	0.00	0.00	12.51	5.93	0.86
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	58.90	28.80	6.01
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	365.60	167.10	28.17
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	21.86	12.98	2.75
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	48.86	22.53	5.00
660	Fires	0.32	0.23	2.84	0.07	0.00	0.43	0.43	0.40
670	Waste Burning and Disposal	4.49	2.56	33.68	1.56	0.00	4.53	4.37	3.92
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.61	1.13	0.00	0.00	0.00	10.01	10.01	9.91
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Miscellaneous Processes		164.77	19.55	87.38	27.42	0.37	530.62	259.68	64.35

**TABLE A-1**

(Continued)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	370.00	344.78	3040.61	284.61	8.46	6.65	6.52	3.72
722	Light Duty Trucks (T1 and T2)	170.54	156.97	1899.49	195.52	4.28	3.41	3.33	2.02
724	Medium Duty Trucks (T3)	37.96	34.68	395.45	48.34	1.20	0.74	0.72	0.46
732	Light Heavy Duty Gas Trucks (T4 and T5)	30.60	28.02	249.43	18.72	0.39	0.16	0.16	0.10
734	Medium Heavy Duty Gas Trucks (T6)	19.36	17.74	164.22	12.02	0.13	0.06	0.05	0.03
736	Heavy Heavy Duty Gas Trucks (HHD)	11.66	10.47	162.79	28.24	0.11	0.06	0.06	0.03
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.38	0.33	1.00	4.73	0.04	0.15	0.15	0.13
744	Medium Heavy Duty Diesel Truck (T6)	1.28	1.13	7.88	46.95	0.38	1.48	1.48	1.32
746	Heavy Heavy Duty Diesel Trucks (HHD)	10.42	9.15	43.67	198.70	1.81	6.38	6.38	5.57
750	Motorcycles (MCY)	13.96	13.21	59.40	1.81	0.02	0.09	0.08	0.05
760	Diesel Urban Buses (UB)	0.84	0.74	3.70	16.76	0.16	0.30	0.30	0.27
762	Gas Urban Buses (UB)	2.67	2.34	29.55	2.47	0.04	0.13	0.13	0.12
770	School Buses (SB)	0.75	0.68	9.68	3.84	0.04	0.13	0.13	0.12
780	Motor Homes (MH)	3.46	3.05	86.08	6.46	0.10	0.05	0.05	0.03
Total	On-Road Motor Vehicles	673.88	623.29	6152.95	869.19	17.17	19.68	19.42	13.86
Other Mobile Sources									
810	Aircraft	8.65	7.72	60.41	16.32	0.82	0.77	0.75	0.75
820	Trains	1.79	1.57	5.54	37.36	2.73	0.86	0.86	0.79
830	Ships and Commercial Boats	3.83	3.35	5.20	42.59	23.94	3.11	3.10	2.87
840	Recreational Boats	40.68	39.45	182.19	5.56	0.11	1.93	1.74	1.32
850	Off-Road Recreational Vehicles	12.53	11.31	74.72	0.35	0.11	0.10	0.09	0.07
860	Off-Road Equipment	167.13	155.64	1253.24	196.94	1.00	13.42	13.20	11.82
870	Farm Equipment	1.61	1.42	9.92	10.40	0.05	0.65	0.64	0.59
890	Fuel Storage and Handling	36.17	36.17	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.10	0.09	0.53	1.62	0.00	0.02	0.02	0.02
Total	Other Mobile Sources	272.49	256.73	1591.74	311.14	28.78	20.87	20.41	18.23
Total	Stationary and Area Sources	982.70	426.74	132.27	164.15	36.27	548.79	274.25	76.72
Total	On-Road Vehicles	673.88	623.29	6152.95	869.19	17.17	19.68	19.42	13.86
Total	Other Mobile	272.49	256.73	1591.74	311.14	28.78	20.87	20.41	18.23
Total	Anthropogenic	1929.07	1306.76	7876.96	1344.47	82.22	589.33	314.07	108.80

**TABLE A-2**

1997 Annual Average Emissions by Source Category in South Coast Air Basin (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	7.18	1.11	4.84	1.01	0.26	0.76	0.76	0.76
20	Cogeneration	8.26	0.83	1.68	0.70	0.01	0.68	0.67	0.67
30	Oil and Gas Production (combustion)	3.50	0.66	0.81	2.27	0.02	0.17	0.17	0.17
40	Petroleum Refining (Combustion)	2.18	1.08	4.66	0.00	0.00	2.44	2.32	2.27
50	Manufacturing and Industrial	13.44	2.52	9.91	21.59	0.62	2.29	2.24	2.21
52	Food and Agricultural Processing	0.43	0.20	0.73	1.83	0.03	0.20	0.19	0.19
60	Service and Commercial	15.99	2.10	9.45	9.99	0.73	0.91	0.90	0.89
99	Other (Fuel Combustion)	1.83	0.30	3.10	1.56	0.16	0.33	0.31	0.29
Total Fuel Combustion		52.81	8.79	35.18	38.94	1.83	7.79	7.56	7.45
Waste Disposal									
110	Sewage Treatment	0.19	0.13	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	152.88	2.03	0.18	0.37	0.13	0.17	0.17	0.17
130	Incineration	0.89	0.15	0.76	1.08	0.07	0.16	0.08	0.07
199	Other (Waste Disposal)	59.74	7.15	0.00	0.00	0.00	0.17	0.12	0.07
Total Waste Disposal		213.70	9.47	0.94	1.46	0.20	0.50	0.37	0.31
Cleaning and Surface Coatings									
210	Laundering	8.51	0.18	0.01	0.02	0.00	0.00	0.00	0.00
220	Degreasing	110.28	63.50	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	44.87	41.39	0.00	0.00	0.00	0.05	0.05	0.05
240	Printing	7.18	7.18	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	10.25	8.95	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	1.57	1.12	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		182.66	122.31	0.01	0.04	0.00	0.05	0.05	0.05
Petroleum Production and Marketing									
310	Oil and Gas Production	15.88	7.13	0.26	0.01	0.00	0.04	0.02	0.02
320	Petroleum Refining	14.43	10.61	4.52	0.32	4.31	1.86	1.27	0.88
330	Petroleum Marketing	92.09	45.05	0.00	0.00	0.00	0.03	0.03	0.03
399	Other (Petroleum Production & Marketing)	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		122.59	62.97	4.79	0.34	4.31	1.93	1.32	0.93

**TABLE A-2**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	16.20	13.48	0.03	0.00	0.00	0.43	0.38	0.36
420	Food and Agriculture	2.70	2.12	0.13	0.02	0.00	0.54	0.19	0.06
430	Mineral Processes	3.04	2.44	2.26	0.01	0.01	4.65	3.14	2.11
440	Metal Processes	1.38	0.99	1.57	0.02	0.03	1.17	0.79	0.59
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.57	1.08	0.65
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 (Industrial Processes)	1.02	0.72	0.00	0.05	0.00	0.27	0.15	0.11
Total Industrial Processes		24.45	19.84	4.16	0.13	0.25	8.87	5.95	4.11
Solvent Evaporation									
510	Consumer Products	139.96	118.01	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	52.20	50.96	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.66	2.66	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.67	0.61	0.00	0.00	0.00	0.02	0.02	0.02
Total Solvent Evaporation		195.49	172.24	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	8.47	3.67	51.23	25.96	0.38	7.97	7.59	7.38
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.79	2.68	0.49
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	60.59	29.63	6.18
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	293.97	134.34	22.64
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	21.86	12.98	2.75
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	41.52	19.19	4.25
660	Fires	0.32	0.23	2.85	0.07	0.00	0.44	0.43	0.40
670	Waste Burning and Disposal	6.78	3.86	51.65	2.50	0.00	6.88	6.63	5.92
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.70	1.19	0.00	0.00	0.00	10.60	10.60	10.49
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	61.92	17.66	0.00	0.00	0.00
Total Miscellaneous Processes		166.49	20.89	105.73	90.45	18.04	449.61	224.07	60.51

**TABLE A-2**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	304.66	284.17	2493.75	228.75	1.12	6.63	6.49	3.72
722	Light Duty Trucks (T1 and T2)	140.43	129.80	1542.45	158.75	0.59	3.46	3.38	2.06
724	Medium Duty Trucks (T3)	35.77	32.76	367.45	46.31	0.19	0.87	0.85	0.54
732	Light Heavy Duty Gas Trucks (T4 and T5)	26.94	24.82	218.41	14.86	0.05	0.17	0.16	0.10
734	Medium Heavy Duty Gas Trucks (T6)	14.80	13.80	129.62	9.14	0.01	0.05	0.05	0.03
736	Heavy Heavy Duty Gas Trucks (HHD)	9.91	8.92	141.42	22.31	0.01	0.06	0.05	0.03
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.38	0.33	1.00	4.73	0.04	0.13	0.13	0.11
744	Medium Heavy Duty Diesel Truck (T6)	1.36	1.20	8.18	48.29	0.41	1.49	1.49	1.33
746	Heavy Heavy Duty Diesel Trucks (HHD)	10.05	8.82	41.59	197.76	1.81	5.92	5.92	5.15
750	Motorcycles (MCY)	8.83	8.48	40.44	1.21	0.00	0.06	0.06	0.04
760	Diesel Urban Buses (UB)	0.88	0.77	3.64	17.44	0.16	0.32	0.32	0.29
762	Gas Urban Buses (UB)	2.29	1.98	25.43	2.38	0.00	0.02	0.02	0.01
770	School Buses (SB)	0.61	0.55	7.81	3.95	0.03	0.13	0.13	0.12
780	Motor Homes (MH)	2.68	2.38	71.00	4.93	0.02	0.05	0.05	0.03
Total	On-Road Motor Vehicles	559.58	518.80	5092.20	760.79	4.45	19.36	19.11	13.56
Other Mobile Sources									
810	Aircraft	8.59	7.67	55.88	16.33	0.75	0.77	0.75	0.75
820	Trains	1.87	1.64	5.79	38.86	2.88	0.91	0.91	0.83
830	Ships and Commercial Boats	3.83	3.35	5.20	42.59	23.94	3.11	3.10	2.87
840	Recreational Boats	45.21	41.88	191.53	5.90	0.15	2.27	2.04	1.55
850	Off-Road Recreational Vehicles	10.54	9.82	62.30	0.38	0.03	0.11	0.10	0.07
860	Off-Road Equipment	148.42	134.10	1079.35	195.68	1.06	13.16	12.94	11.58
870	Farm Equipment	1.61	1.43	9.36	10.56	0.06	0.66	0.66	0.60
890	Fuel Storage and Handling	36.58	36.58	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.10	0.09	0.55	1.68	0.00	0.02	0.02	0.02
Total	Other Mobile Sources	256.75	236.55	1409.97	311.97	28.87	21.00	20.51	18.27
Total	Stationary and Area Sources	958.19	416.50	150.81	131.36	24.62	468.78	239.34	73.38
Total	On-Road Vehicles	559.58	518.80	5092.20	760.79	4.45	19.36	19.11	13.56
Total	Other Mobile	256.75	236.55	1409.97	311.97	28.87	21.00	20.51	18.27
Total	Anthropogenic	1774.53	1171.85	6652.99	1204.13	57.94	509.14	278.96	105.21

**TABLE A-3**

2000 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	7.71	1.19	5.20	0.99	0.26	0.82	0.81	0.81
20	Cogeneration	8.27	0.83	1.70	0.63	0.01	0.69	0.68	0.67
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	2.23	0.02	0.18	0.18	0.17
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	13.86	2.63	10.23	20.82	0.62	2.40	2.34	2.31
52	Food and Agricultural Processing	0.45	0.21	0.75	1.84	0.03	0.21	0.20	0.20
60	Service and Commercial	16.85	2.21	10.12	9.77	0.73	0.96	0.94	0.94
99	Other (Fuel Combustion)	2.00	0.32	3.33	1.58	0.17	0.34	0.32	0.30
Total Fuel Combustion		55.05	9.19	37.04	37.86	1.84	8.13	7.89	7.78
Waste Disposal									
110	Sewage Treatment	0.20	0.14	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	149.22	1.99	0.19	0.39	0.12	0.18	0.18	0.18
130	Incineration	0.95	0.16	0.81	1.17	0.07	0.17	0.09	0.07
199	Other (Waste Disposal)	59.74	7.18	0.00	0.00	0.00	0.18	0.12	0.07
Total Waste Disposal		210.11	9.46	1.00	1.56	0.20	0.53	0.39	0.32
Cleaning and Surface Coatings									
210	Laundering	8.94	0.18	0.01	0.03	0.00	0.00	0.00	0.00
220	Degreasing	66.51	22.94	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	41.54	38.04	0.00	0.00	0.00	0.05	0.05	0.05
240	Printing	5.80	5.80	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	13.74	11.99	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	1.23	0.88	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		137.76	79.83	0.01	0.05	0.00	0.06	0.05	0.05
Petroleum Production and Marketing									
310	Oil and Gas Production	14.88	6.92	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	12.72	8.98	4.73	0.34	4.50	1.50	1.01	0.73
330	Petroleum Marketing	88.09	41.44	0.01	0.01	0.00	0.04	0.03	0.03
399	Other(Petroleum Production & Marketing)	0.18	0.16	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		115.88	57.50	5.00	0.36	4.50	1.57	1.07	0.79



**TABLE A-3**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	18.58	15.35	0.03	0.00	0.00	0.45	0.40	0.39
420	Food and Agriculture	2.94	2.29	0.13	0.02	0.00	0.56	0.20	0.06
430	Mineral Processes	3.17	2.55	2.39	0.01	0.01	4.87	3.32	2.25
440	Metal Processes	1.58	1.13	1.89	0.02	0.03	1.32	0.90	0.69
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.55	1.07	0.65
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 (Industrial Processes)	1.02	0.72	0.00	0.06	0.00	0.27	0.15	0.10
Total Industrial Processes		27.39	22.11	4.61	0.14	0.26	9.27	6.27	4.36
Solvent Evaporation									
510	Consumer Products	137.47	114.92	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	51.07	49.84	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.65	2.65	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.85	0.77	0.00	0.00	0.00	0.02	0.02	0.02
Total Solvent Evaporation		192.03	168.18	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	8.77	3.80	53.22	26.33	0.39	8.27	7.87	7.65
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.49	2.54	0.48
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	77.82	38.05	7.94
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	303.03	138.51	23.36
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	19.02	11.29	2.40
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	32.64	15.12	3.35
660	Fires	0.33	0.23	2.93	0.07	0.00	0.44	0.43	0.41
670	Waste Burning and Disposal	11.20	6.38	86.26	4.30	0.00	11.41	10.98	9.79
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.48	1.04	0.00	0.00	0.00	10.10	10.10	10.00
699	Other Miscellaneous Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	51.90	18.14	0.00	0.00	0.00
Total Miscellaneous Processes		170.99	23.39	142.42	82.60	18.53	468.21	234.89	65.37

**TABLE A-3**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	242.40	223.69	2089.72	197.80	1.13	6.90	6.76	3.86
722	Light Duty Trucks (T1 and T2)	117.97	108.19	1306.07	142.48	0.66	3.85	3.77	2.31
724	Medium Duty Trucks (T3)	30.73	27.90	316.59	43.87	0.21	0.98	0.95	0.62
732	Light Heavy Duty Gas Trucks (T4 & T5)	14.31	13.50	100.93	11.91	0.04	0.15	0.15	0.07
734	Medium Heavy Duty Gas Trucks (T6)	11.35	10.65	93.03	8.80	0.01	0.05	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	8.93	8.04	121.75	21.53	0.01	0.05	0.05	0.03
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.29	0.25	0.74	8.47	0.05	0.09	0.09	0.07
744	Medium Heavy Duty Diesel Truck (T6)	1.26	1.11	7.23	56.96	0.50	1.30	1.30	1.14
746	Heavy Heavy Duty Diesel Trucks (HHD)	8.91	7.82	37.70	226.66	1.83	4.80	4.80	4.11
750	Motorcycles (MCY)	7.41	7.06	43.46	1.21	0.00	0.06	0.06	0.04
760	Diesel Urban Buses (UB)	0.97	0.85	3.77	18.59	0.18	0.35	0.35	0.31
762	Gas Urban Buses (UB)	2.41	2.05	24.79	2.79	0.01	0.02	0.02	0.01
770	School Buses (SB)	0.53	0.48	6.38	4.37	0.04	0.15	0.15	0.14
780	Motor Homes (MH)	1.78	1.56	54.48	5.21	0.02	0.05	0.05	0.03
Total	On-Road Motor Vehicles	449.24	413.16	4206.64	750.66	4.66	18.80	18.54	12.75
Other Mobile Sources									
810	Aircraft	6.96	6.21	48.77	21.08	0.82	0.81	0.79	0.78
820	Trains	1.99	1.75	6.17	41.19	2.97	0.97	0.97	0.89
830	Ships and Commercial Boats	4.09	3.58	5.52	45.95	26.03	3.26	3.25	3.01
840	Recreational Boats	43.95	40.72	192.78	6.47	0.12	2.25	2.03	1.54
850	Off-Road Recreational Vehicles	7.85	7.34	58.41	0.40	0.03	0.11	0.10	0.08
860	Off-Road Equipment	129.75	116.89	1010.39	190.95	1.14	13.28	13.03	11.63
870	Farm Equipment	1.51	1.34	8.86	9.67	0.06	0.62	0.62	0.57
890	Fuel Storage and Handling	37.34	37.34	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.11	0.10	0.59	1.81	0.00	0.02	0.02	0.02
Total	Other Mobile Sources	233.56	215.28	1331.48	317.52	31.17	21.32	20.81	18.51
Total	Stationary and Area Sources	909.22	369.66	190.08	122.56	25.32	487.80	250.59	78.69
Total	On-Road Vehicles	449.24	413.16	4206.64	750.66	4.66	18.80	18.54	12.75
Total	Other Mobile	233.56	215.28	1331.48	317.52	31.17	21.32	20.81	18.51
Total	Anthropogenic	1592.02	998.10	5728.20	1190.74	61.15	527.93	289.94	109.95

**TABLE A-4**

2002 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	8.07	1.25	5.44	1.02	0.27	0.86	0.85	0.85
20	Cogeneration	8.28	0.83	1.71	0.62	0.01	0.69	0.68	0.67
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	2.21	0.02	0.18	0.18	0.17
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	14.27	2.71	10.53	17.92	0.63	2.48	2.42	2.39
52	Food and Agricultural Processing	0.45	0.21	0.75	1.78	0.03	0.21	0.20	0.20
60	Service and Commercial	17.47	2.30	10.62	8.50	0.76	1.00	0.98	0.98
99	Other (Fuel Combustion)	2.06	0.33	3.46	1.59	0.18	0.35	0.32	0.31
Total Fuel Combustion		56.51	9.43	38.22	33.64	1.90	8.29	8.05	7.93
Waste Disposal									
110	Sewage Treatment	0.20	0.14	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	153.04	2.04	0.19	0.40	0.13	0.18	0.18	0.18
130	Incineration	0.98	0.16	0.84	1.21	0.07	0.18	0.09	0.08
199	Other (Waste Disposal)	59.76	7.19	0.00	0.00	0.00	0.18	0.13	0.08
Total Waste Disposal		213.98	9.53	1.03	1.61	0.20	0.54	0.40	0.33
Cleaning and Surface Coatings									
210	Laundering	9.62	0.19	0.01	0.03	0.00	0.00	0.00	0.00
220	Degreasing	60.07	16.05	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	42.91	39.27	0.00	0.00	0.00	0.06	0.05	0.05
240	Printing	5.47	5.47	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	5.95	5.19	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	1.09	0.78	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		125.12	66.97	0.01	0.05	0.00	0.06	0.05	0.05
Petroleum Production and Marketing									
310	Oil and Gas Production	14.88	6.92	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	11.59	8.06	4.74	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	69.45	21.76	0.01	0.01	0.00	0.04	0.04	0.04
399	Other(Petroleum Production & Marketing)	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		96.11	36.91	5.02	0.36	4.50	1.26	0.85	0.66

**TABLE A-4**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	15.70	13.17	0.03	0.00	0.00	0.47	0.42	0.40
420	Food and Agriculture	2.59	2.05	0.13	0.02	0.00	0.58	0.20	0.06
430	Mineral Processes	3.32	2.67	2.50	0.01	0.01	5.09	3.46	2.35
440	Metal Processes	1.71	1.23	2.07	0.02	0.03	1.42	0.98	0.74
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.59	1.09	0.66
460	Glass and Related Products	0.10	0.07	0.16	0.00	0.22	0.24	0.24	0.23
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	0.99	0.68	0.00	0.07	0.00	0.28	0.16	0.11
Total Industrial Processes		24.43	19.88	4.91	0.15	0.27	9.68	6.55	4.56
Solvent Evaporation									
510	Consumer Products	137.04	114.08	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	44.47	43.39	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.46	2.46	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 Solvent Evaporation		184.86	160.74	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	9.00	3.90	54.72	26.89	0.40	8.50	8.09	7.86
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.42	2.51	0.47
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	81.61	39.91	8.32
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	300.58	137.39	23.17
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	17.27	10.26	2.18
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	32.24	14.91	3.30
660	Fires	0.34	0.23	2.99	0.07	0.00	0.44	0.44	0.41
670	Waste Burning and Disposal	12.65	7.21	97.69	4.89	0.00	12.90	12.41	11.07
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.50	1.05	0.00	0.00	0.00	10.18	10.18	10.08
699	Other (Miscellaneous Processes)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	40.66	14.45	0.00	0.00	0.00
Total Miscellaneous Processes		172.70	24.33	155.41	72.52	14.85	469.14	236.08	66.86

**TABLE A-4**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	196.38	181.54	1701.31	159.88	1.12	7.07	6.93	3.97
722	Light Duty Trucks (T1 and T)	98.59	90.73	1056.72	115.60	0.67	4.01	3.92	2.43
724	Medium Duty Trucks (T3)	25.66	23.38	256.10	37.06	0.21	1.03	1.01	0.66
732	Light Heavy Duty Gas Trucks (T4 and T5)	11.59	10.97	74.33	10.07	0.04	0.16	0.16	0.08
734	Medium Heavy Duty Gas Trucks (T6)	10.17	9.57	79.91	8.61	0.01	0.04	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	8.70	7.86	109.08	19.81	0.01	0.04	0.04	0.02
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.39	0.34	0.98	11.03	0.07	0.11	0.11	0.08
744	Medium Heavy Duty Diesel Truck (T6)	1.36	1.19	7.48	58.66	0.54	1.34	1.34	1.17
746	Heavy Heavy Duty Diesel Trucks (HHD)	9.00	7.90	36.44	227.71	1.95	4.53	4.52	3.84
750	Motorcycles (MCY)	7.00	6.62	45.44	1.32	0.00	0.07	0.06	0.04
760	Diesel Urban Buses (UB)	0.96	0.84	3.57	17.85	0.17	0.33	0.33	0.30
762	Gas Urban Buses (UB)	2.30	1.94	22.79	2.79	0.01	0.02	0.02	0.01
770	School Buses (SB)	0.47	0.42	5.25	4.48	0.04	0.16	0.16	0.14
780	Motor Homes (MH)	1.66	1.46	48.47	4.92	0.02	0.05	0.05	0.03
Total	On-Road Motor Vehicles	374.22	344.77	3447.88	679.79	4.85	18.96	18.70	12.79
Other Mobile Sources									
810	Aircraft	6.63	5.92	49.59	23.27	0.87	0.75	0.73	0.73
820	Trains	2.05	1.80	6.35	38.65	3.22	1.00	1.00	0.92
830	Ships and Commercial Boats	4.27	3.74	5.79	48.32	27.58	3.40	3.38	3.13
840	Recreational Boats	39.59	36.70	188.61	7.12	0.15	2.35	2.12	1.61
850	Off-Road Recreational Vehicles	5.35	5.03	54.35	0.42	0.03	0.12	0.11	0.08
860	Off-Road Equipment	116.76	105.03	962.99	185.92	1.18	13.20	12.95	11.56
870	Farm Equipment	1.43	1.26	8.53	9.04	0.06	0.59	0.59	0.54
890	Fuel Storage and Handling	33.37	33.37	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.12	0.11	0.64	1.97	0.00	0.02	0.02	0.02
Total	Other Mobile Sources	209.56	192.96	1276.85	314.72	33.09	21.44	20.91	18.58
Total	Stationary and Area Sources	873.71	327.80	204.58	108.33	21.72	488.99	252.00	80.42
Total	On-Road Vehicles	374.22	344.77	3447.88	679.79	4.85	18.96	18.70	12.79
Total	Other Mobile	209.56	192.96	1276.85	314.72	33.09	21.44	20.91	18.58
Total	Anthropogenic	1457.49	865.52	4929.31	1102.83	59.66	529.39	291.61	111.79

**TABLE A-5**

2003 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	8.25	1.28	5.57	1.04	0.28	0.87	0.87	0.87
20	Cogeneration	8.28	0.83	1.71	0.61	0.01	0.69	0.68	0.67
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	2.21	0.02	0.18	0.18	0.17
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	14.48	2.75	10.67	17.85	0.64	2.51	2.46	2.43
52	Food and Agricultural Processing	0.46	0.21	0.76	1.77	0.03	0.21	0.20	0.20
60	Service and Commercial	17.78	2.34	10.87	8.58	0.77	1.02	1.00	1.00
99	Other (Fuel Combustion)	2.09	0.34	3.52	1.61	0.18	0.35	0.33	0.31
Total Fuel Combustion		57.24	9.55	38.80	33.68	1.93	8.37	8.13	8.01
Waste Disposal									
110	Sewage Treatment	0.21	0.15	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	155.03	2.06	0.19	0.40	0.13	0.18	0.18	0.18
130	Incineration	0.99	0.16	0.85	1.23	0.08	0.18	0.09	0.08
199	Other (Waste Disposal)	59.77	7.20	0.00	0.00	0.00	0.18	0.13	0.08
Total Waste Disposal		216.00	9.57	1.04	1.63	0.20	0.55	0.40	0.34
Cleaning and Surface Coatings									
210	Laundering	9.80	0.04	0.01	0.03	0.00	0.00	0.00	0.00
220	Degreasing	63.70	15.81	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	42.22	38.65	0.00	0.00	0.00	0.06	0.05	0.05
240	Printing	5.71	5.71	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	5.24	4.57	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning & Surface Coatings)	1.40	1.00	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		128.07	65.78	0.01	0.05	0.00	0.06	0.06	0.05
Petroleum Production and Marketing									
310	Oil and Gas Production	14.88	6.92	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	11.00	7.58	4.75	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	70.05	21.85	0.01	0.01	0.00	0.04	0.04	0.04
399	Other(Petroleum Production & Marketing)	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		96.13	36.52	5.03	0.36	4.50	1.26	0.86	0.66

**TABLE A-5**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	14.21	12.07	0.03	0.00	0.00	0.48	0.43	0.41
420	Food and Agriculture	1.28	1.14	0.13	0.02	0.00	0.59	0.21	0.06
430	Mineral Processes	3.40	2.74	2.56	0.01	0.01	5.20	3.53	2.40
440	Metal Processes	0.90	0.66	2.16	0.03	0.04	1.47	1.01	0.77
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.60	1.10	0.67
460	Glass and Related Products	0.08	0.06	0.17	0.00	0.23	0.25	0.24	0.24
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	0.98	0.67	0.00	0.08	0.00	0.28	0.16	0.11
Total Industrial Processes		20.87	17.35	5.05	0.16	0.28	9.88	6.69	4.66
Solvent Evaporation									
510	Consumer Products	129.12	107.89	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	39.59	38.62	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.34	2.34	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.91	0.83	0.00	0.00	0.00	0.02	0.02	0.02
Total Solvent Evaporation		171.95	149.68	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	9.12	3.95	55.46	27.17	0.40	8.62	8.20	7.97
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.39	2.50	0.46
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	83.51	40.84	8.52
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	299.30	136.80	23.06
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	16.39	9.74	2.07
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	32.14	14.86	3.29
660	Fires	0.34	0.24	3.02	0.07	0.00	0.45	0.44	0.41
670	Waste Burning and Disposal	12.65	7.21	97.66	4.89	0.00	12.90	12.41	11.06
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.50	1.05	0.00	0.00	0.00	10.22	10.22	10.11
699	Other Miscellaneous Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	36.33	12.76	0.00	0.00	0.00
Total Miscellaneous Processes		172.82	24.39	156.15	68.47	13.16	468.91	235.99	66.96

**TABLE A-5**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	177.58	164.48	1544.73	142.18	0.84	7.16	7.02	4.03
722	Light Duty Trucks (T1 and T2)	91.66	84.59	966.65	104.27	0.51	4.09	4.01	2.50
724	Medium Duty Trucks (T3)	24.01	21.94	236.69	34.11	0.17	1.06	1.04	0.69
732	Light Heavy Duty Gas Trucks (T4 & T5)	10.74	10.20	65.65	9.43	0.04	0.17	0.17	0.08
734	Medium Heavy Duty Gas Trucks (T6)	9.78	9.21	75.34	8.50	0.01	0.04	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	8.60	7.78	103.03	18.66	0.01	0.04	0.04	0.02
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.43	0.38	1.12	11.79	0.08	0.11	0.11	0.09
744	Medium Heavy Duty Diesel Truck (T6)	1.40	1.23	7.73	57.94	0.56	1.36	1.36	1.19
746	Heavy Heavy Duty Diesel Trucks (HHD)	8.99	7.90	36.04	224.23	2.03	4.43	4.43	3.74
750	Motorcycles (MCY)	6.83	6.44	47.04	1.36	0.00	0.07	0.06	0.04
760	Diesel Urban Buses (UB)	0.94	0.83	3.46	17.33	0.17	0.32	0.32	0.29
762	Gas Urban Buses (UB)	2.27	1.92	22.14	2.78	0.00	0.03	0.02	0.02
770	School Buses (SB)	0.46	0.41	4.88	4.48	0.04	0.16	0.16	0.14
780	Motor Homes (MH)	1.58	1.39	45.46	4.71	0.02	0.05	0.05	0.03
Total	On-Road Motor Vehicles	345.27	318.68	3159.96	641.78	4.47	19.10	18.83	12.86
Other Mobile Sources									
810	Aircraft	6.47	5.77	50.01	24.37	0.90	0.72	0.71	0.70
820	Trains	2.07	1.82	6.42	36.52	3.25	1.01	1.01	0.93
830	Ships and Commercial Boats	4.36	3.82	5.92	49.51	28.35	3.47	3.45	3.20
840	Recreational Boats	38.00	35.25	186.05	7.93	0.16	2.65	2.39	1.81
850	Off-Road Recreational Vehicle	5.43	5.11	55.40	0.43	0.03	0.12	0.11	0.08
860	Off-Road Equipment	109.75	98.68	935.10	181.14	1.19	13.10	12.85	11.46
870	Farm Equipment	1.38	1.23	8.33	8.73	0.06	0.58	0.58	0.53
890	Fuel Storage and Handling	25.03	25.03	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.13	0.11	0.67	2.05	0.00	0.03	0.03	0.02
Total	Other Mobile Sources	192.62	176.82	1247.89	310.68	33.94	21.68	21.13	18.73
Total	Stationary and Area Sources	863.08	312.84	206.08	104.35	20.07	489.05	252.14	80.71
Total	On-Road Vehicles	345.27	318.68	3159.96	641.78	4.47	19.10	18.83	12.86
Total	Other Mobile	192.62	176.82	1247.89	310.68	33.94	21.68	21.13	18.73
Total	Anthropogenic	1400.97	808.34	4613.94	1056.80	58.47	529.83	292.10	112.29



**TABLE A-6**

2005 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	8.61	1.33	5.81	0.87	0.26	0.90	0.89	0.89
20	Cogeneration	8.28	0.83	1.72	0.48	0.01	0.69	0.68	0.67
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	2.09	0.01	0.17	0.17	0.16
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	14.88	2.83	10.97	14.89	0.47	2.50	2.44	2.42
52	Food and Agricultural Processing	0.46	0.21	0.76	1.73	0.01	0.19	0.19	0.19
60	Service and Commercial	18.41	2.43	11.37	6.94	0.69	1.03	1.02	1.01
99	Other (Fuel Combustion)	2.15	0.35	3.64	1.44	0.18	0.34	0.32	0.30
Total Fuel Combustion		58.70	9.78	39.98	28.44	1.63	8.37	8.13	8.01
Waste Disposal									
110	Sewage Treatment	0.21	0.15	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	160.84	2.14	0.19	0.41	0.13	0.19	0.19	0.19
130	Incineration	1.02	0.17	0.87	1.27	0.08	0.19	0.10	0.08
199	Other (Waste Disposal)	59.79	7.21	0.00	0.00	0.00	0.19	0.13	0.08
Total Waste Disposal		221.86	9.67	1.07	1.68	0.21	0.56	0.41	0.35
Cleaning and Surface Coatings									
210	Laundering	10.47	0.04	0.01	0.03	0.00	0.00	0.00	0.00
220	Degreasing	51.44	7.43	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	40.14	36.53	0.00	0.00	0.00	0.06	0.06	0.05
240	Printing	4.67	4.67	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	5.63	4.91	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	0.80	0.58	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		113.15	54.16	0.01	0.05	0.00	0.06	0.06	0.06
Petroleum Production and Marketing									
310	Oil and Gas Production	14.88	6.92	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	10.99	7.57	4.76	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	71.32	22.06	0.01	0.01	0.00	0.05	0.04	0.04
399	Other (Petroleum Production & Marketing)	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		97.41	36.72	5.04	0.36	4.50	1.27	0.86	0.66

**TABLE A-6**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	13.87	11.86	0.03	0.00	0.00	0.50	0.45	0.43
420	Food and Agriculture	1.32	1.17	0.14	0.02	0.00	0.61	0.21	0.06
430	Mineral Processes	3.56	2.86	2.66	0.01	0.01	5.41	3.67	2.49
440	Metal Processes	0.97	0.71	2.33	0.03	0.04	1.57	1.09	0.83
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.54	1.05	0.64
460	Glass and Related Products	0.08	0.06	0.17	0.00	0.23	0.25	0.25	0.24
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	0.99	0.67	0.00	0.09	0.01	0.29	0.16	0.11
Total Industrial Processes		20.79	17.35	5.35	0.17	0.29	10.19	6.89	4.82
Solvent Evaporation									
510	Consumer Products	122.45	102.89	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	39.34	38.36	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.10	2.10	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.95	0.87	0.00	0.00	0.00	0.02	0.02	0.02
Total Solvent Evaporation		164.84	144.22	0.00	0.00	0.00	0.02	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	9.36	4.05	56.97	27.74	0.40	8.85	8.41	8.18
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.31	2.46	0.46
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	87.32	42.70	8.91
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	296.64	135.58	22.86
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	14.64	8.70	1.85
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	31.64	14.59	3.24
660	Fires	0.34	0.24	3.09	0.08	0.00	0.45	0.44	0.42
670	Waste Burning and Disposal	12.64	7.20	97.59	4.89	0.00	12.89	12.40	11.05
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.51	1.06	0.00	0.00	0.00	10.29	10.29	10.19
699	Other Miscellaneous Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	34.20	12.03	0.00	0.00	0.00
Total Miscellaneous Processes		173.07	24.49	157.65	66.91	12.43	468.04	235.59	67.15

**TABLE A-6**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	147.18	136.06	1300.17	115.89	0.84	7.32	7.17	4.12
722	Light Duty Trucks (T1 and T2)	81.10	74.86	827.03	87.12	0.51	4.26	4.17	2.63
724	Medium Duty Trucks (T3)	21.66	19.77	207.07	29.48	0.17	1.10	1.08	0.72
732	Light Heavy Duty Gas Trucks (T4 & T5)	9.53	9.07	52.84	9.31	0.04	0.18	0.18	0.08
734	Medium Heavy Duty Gas Trucks (T6)	9.04	8.53	67.06	8.07	0.01	0.04	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	8.10	7.34	89.47	16.19	0.01	0.04	0.03	0.02
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.49	0.44	1.37	12.33	0.08	0.13	0.13	0.10
744	Medium Heavy Duty Diesel Truck (T6)	1.47	1.29	8.22	56.27	0.60	1.41	1.40	1.22
746	Heavy Heavy Duty Diesel Trucks (HHD)	8.87	7.79	35.16	216.82	2.22	4.28	4.28	3.57
750	Motorcycles (MCY)	6.56	6.14	49.13	1.47	0.00	0.07	0.07	0.04
760	Diesel Urban Buses (UB)	0.90	0.79	3.31	16.45	0.17	0.31	0.31	0.27
762	Gas Urban Buses (UB)	2.22	1.85	21.14	2.75	0.00	0.03	0.03	0.02
770	School Buses (SB)	0.42	0.37	4.19	4.49	0.04	0.17	0.17	0.15
780	Motor Homes (MH)	1.37	1.19	38.53	4.30	0.02	0.05	0.05	0.03
Total	On-Road Motor Vehicles	298.91	275.47	2704.67	580.95	4.71	19.38	19.11	13.00
Other Mobile Sources									
810	Aircraft	6.13	5.47	50.79	26.53	0.95	0.67	0.65	0.65
820	Trains	2.05	1.80	6.55	31.79	3.33	1.05	1.05	0.97
830	Ships and Commercial Boats	4.54	3.98	6.19	51.88	29.89	3.61	3.59	3.32
840	Recreational Boats	34.52	32.05	181.63	9.32	0.13	3.31	2.98	2.25
850	Off-Road Recreational Vehicles	4.94	4.66	56.31	0.44	0.04	0.12	0.11	0.08
860	Off-Road Equipment	94.26	84.91	876.32	166.50	0.37	12.19	11.95	10.64
870	Farm Equipment	1.30	1.16	7.90	8.04	0.01	0.52	0.52	0.47
890	Fuel Storage and Handlin	12.30	12.30	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.14	0.12	0.73	2.22	0.00	0.03	0.03	0.03
Total	Other Mobile Source	160.18	146.44	1186.43	296.75	34.71	21.49	20.88	18.42
Total	Stationary and Area Sources	849.81	296.40	209.09	97.61	19.06	488.51	251.96	81.07
Total	On-Road Vehicles	298.91	275.47	2704.67	580.95	4.71	19.38	19.11	13.00
Total	Other Mobile	160.18	146.44	1186.43	296.75	34.71	21.49	20.88	18.42
Total	Anthropogenic	1308.90	718.31	4100.19	975.30	58.48	529.39	291.95	112.49

**TABLE A-7**

2006 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	8.78	1.36	5.93	0.88	0.26	0.92	0.91	0.91
20	Cogeneration	8.28	0.83	1.73	0.47	0.01	0.69	0.68	0.67
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	2.09	0.01	0.17	0.17	0.16
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	15.12	2.88	11.14	14.85	0.48	2.54	2.49	2.46
52	Food and Agricultural Processing	0.47	0.21	0.76	1.72	0.01	0.19	0.19	0.19
60	Service and Commercial	18.72	2.47	11.61	6.98	0.70	1.05	1.04	1.03
99	Other (Fuel Combustion)	2.19	0.36	3.72	1.45	0.19	0.35	0.32	0.30
Total Fuel Combustion		59.47	9.91	40.60	28.42	1.66	8.46	8.21	8.10
Waste Disposal									
110	Sewage Treatment	0.21	0.15	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	160.99	2.14	0.20	0.41	0.13	0.19	0.19	0.19
130	Incineration	1.03	0.17	0.89	1.29	0.08	0.19	0.10	0.08
199	Other (Waste Disposal)	59.80	7.22	0.00	0.00	0.00	0.19	0.13	0.08
Total Waste Disposal		222.04	9.69	1.08	1.70	0.21	0.57	0.42	0.35
Cleaning and Surface Coatings									
210	Laundering	10.75	0.04	0.01	0.03	0.00	0.00	0.00	0.00
220	Degreasing	53.47	7.63	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	39.33	35.61	0.00	0.00	0.00	0.06	0.06	0.06
240	Printing	4.76	4.76	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	5.90	5.14	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	0.83	0.60	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		115.04	53.79	0.01	0.05	0.00	0.06	0.06	0.06
Petroleum Production and Marketing									
310	Oil and Gas Production	14.88	6.92	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	10.99	7.58	4.77	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	72.00	22.20	0.01	0.01	0.00	0.05	0.05	0.04
399	Other (Petroleum Production & Marketing)	0.20	0.18	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		98.07	36.87	5.05	0.36	4.50	1.27	0.86	0.67

**TABLE A-7**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	14.33	12.26	0.03	0.00	0.00	0.52	0.46	0.44
420	Food and Agriculture	1.34	1.19	0.14	0.02	0.00	0.61	0.22	0.06
430	Mineral Processes	3.64	2.93	2.72	0.01	0.01	5.53	3.75	2.55
440	Metal Processes	1.01	0.74	2.44	0.03	0.04	1.64	1.14	0.87
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.55	1.06	0.65
460	Glass and Related Products	0.08	0.06	0.17	0.00	0.24	0.26	0.25	0.25
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	1.00	0.68	0.00	0.09	0.01	0.29	0.17	0.12
Total Industrial Processes		21.42	17.87	5.52	0.18	0.29	10.41	7.05	4.93
Solvent Evaporation									
510	Consumer Products	123.67	103.93	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	33.51	32.67	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	2.02	2.02	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.97	0.89	0.00	0.00	0.00	0.03	0.02	0.02
Total Solvent Evaporation		160.17	139.51	0.00	0.00	0.00	0.03	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	9.48	4.11	57.71	25.04	0.40	8.96	8.52	8.29
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.28	2.44	0.45
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	89.28	43.66	9.11
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	295.25	134.95	22.75
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	14.64	8.70	1.85
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	31.52	14.54	3.22
660	Fires	0.35	0.24	3.12	0.08	0.00	0.45	0.44	0.42
670	Waste Burning and Disposal	12.63	7.20	97.55	4.89	0.00	12.88	12.39	11.05
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.52	1.06	0.00	0.00	0.00	10.33	10.33	10.23
699	Other Miscellaneous Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	34.20	12.03	0.00	0.00	0.00
Total Miscellaneous Processes		173.18	24.55	158.38	64.22	12.43	468.60	235.97	67.36

**TABLE A-7**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	139.01	128.51	1238.18	108.74	0.89	7.70	7.55	4.37
722	Light Duty Trucks (T1 and T2)	80.31	74.20	806.98	83.98	0.55	4.57	4.47	2.86
724	Medium Duty Trucks (T3)	21.66	19.79	204.29	28.86	0.17	1.18	1.16	0.79
732	Light Heavy Duty Gas Trucks (T4 and T5)	9.00	8.58	47.84	9.37	0.04	0.19	0.18	0.09
734	Medium Heavy Duty Gas Trucks (T6)	8.71	8.23	63.68	7.83	0.01	0.04	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	7.81	7.09	83.25	14.83	0.01	0.03	0.03	0.02
742	Light Heavy Duty Diesel Trucks (T4 and T5)	0.51	0.45	1.48	12.38	0.08	0.14	0.14	0.10
744	Medium Heavy Duty Diesel Truck (T6)	1.51	1.33	8.56	55.30	0.62	1.44	1.44	1.25
746	Heavy Heavy Duty Diesel Trucks (HHD)	8.86	7.78	35.12	212.97	2.34	4.28	4.28	3.55
750	Motorcycles (MCY)	6.65	6.21	50.92	1.56	0.00	0.08	0.07	0.05
760	Diesel Urban Buses (UB)	0.87	0.76	3.19	15.84	0.17	0.30	0.30	0.27
762	Gas Urban Buses (UB)	2.19	1.82	20.65	2.74	0.00	0.03	0.03	0.02
770	School Buses (SB)	0.40	0.35	3.83	4.44	0.04	0.17	0.17	0.15
780	Motor Homes (MH)	1.21	1.04	34.40	4.03	0.02	0.05	0.05	0.03
Total	On-Road Motor Vehicles	288.71	266.14	2602.36	562.87	4.92	20.20	19.90	13.55
Other Mobile Sources									
810	Aircraft	5.97	5.33	50.16	27.01	0.95	0.64	0.62	0.62
820	Trains	2.00	1.75	6.61	29.77	3.37	0.98	0.98	0.90
830	Ships and Commercial Boats	4.63	4.06	6.33	53.07	30.66	3.67	3.66	3.39
840	Recreational Boats	33.11	30.76	179.92	9.99	0.17	3.69	3.32	2.52
850	Off-Road Recreational Vehicles	4.98	4.70	57.16	0.45	0.04	0.13	0.11	0.09
860	Off-Road Equipment	89.53	80.85	851.20	162.06	0.37	11.85	11.61	10.33
870	Farm Equipment	1.21	1.07	7.76	7.81	0.01	0.50	0.50	0.46
890	Fuel Storage and Handling	10.78	10.78	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.14	0.13	0.75	2.31	0.00	0.03	0.03	0.03
Total	Other Mobile Sources	152.35	139.43	1159.90	292.47	35.57	21.49	20.84	18.32
Total	Stationary and Area Sources	849.40	292.18	210.64	94.94	19.09	489.39	252.60	81.48
Total	On-Road Vehicles	288.71	266.14	2602.36	562.87	4.92	20.20	19.90	13.55
Total	Other Mobile	152.35	139.43	1159.90	292.47	35.57	21.49	20.84	18.32
Total	Anthropogenic	1290.46	697.75	3972.89	950.28	59.58	531.07	293.34	113.36

**TABLE A-8**

2007 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	8.96	1.39	6.05	0.88	0.27	0.94	0.93	0.93
20	Cogeneration	8.28	0.83	1.73	0.46	0.01	0.69	0.68	0.68
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	2.08	0.01	0.17	0.17	0.16
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	15.36	2.93	11.31	14.79	0.48	2.59	2.53	2.50
52	Food and Agricultural Processing	0.47	0.21	0.77	1.70	0.01	0.19	0.19	0.19
60	Service and Commercial	19.03	2.52	11.86	7.00	0.71	1.07	1.06	1.05
99	Other (Fuel Combustion)	2.22	0.37	3.79	1.47	0.19	0.35	0.32	0.30
Total Fuel Combustion		60.23	10.03	41.22	28.38	1.68	8.54	8.30	8.18
Waste Disposal									
110	Sewage Treatment	0.22	0.16	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	162.98	2.17	0.20	0.42	0.13	0.19	0.19	0.19
130	Incineration	1.05	0.17	0.90	1.31	0.08	0.20	0.10	0.09
199	Other (Waste Disposal)	59.81	7.23	0.00	0.00	0.00	0.19	0.13	0.08
Total Waste Disposal		224.05	9.72	1.10	1.73	0.21	0.58	0.42	0.36
Cleaning and Surface Coatings									
210	Laundering	11.04	0.05	0.01	0.03	0.00	0.00	0.00	0.00
220	Degreasing	55.62	7.94	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	40.49	36.64	0.00	0.00	0.00	0.06	0.06	0.06
240	Printing	4.85	4.85	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	6.16	5.37	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	0.87	0.63	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		119.03	55.47	0.01	0.05	0.00	0.06	0.06	0.06
Petroleum Production and Marketing									
310	Oil and Gas Production	14.62	6.69	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	10.15	6.83	4.78	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	71.81	21.57	0.01	0.01	0.00	0.05	0.05	0.05
399	Other (Petroleum Production & Marketing)	0.17	0.16	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		96.76	35.24	5.06	0.36	4.50	1.27	0.86	0.67

**TABLE A-8**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	14.78	12.64	0.04	0.00	0.00	0.53	0.47	0.45
420	Food and Agriculture	1.35	1.20	0.14	0.03	0.00	0.62	0.22	0.06
430	Mineral Processes	3.73	3.00	2.78	0.01	0.01	5.65	3.83	2.60
440	Metal Processes	1.05	0.77	2.55	0.03	0.04	1.70	1.18	0.90
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.57	1.07	0.66
460	Glass and Related Products	0.09	0.06	0.18	0.00	0.24	0.26	0.26	0.25
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	0.98	0.66	0.00	0.10	0.01	0.30	0.17	0.12
Total Industrial Processes		21.99	18.34	5.70	0.19	0.30	10.64	7.20	5.04
Solvent Evaporation									
510	Consumer Products	124.85	104.93	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	27.56	26.84	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	0.99	0.91	0.00	0.00	0.00	0.03	0.02	0.02
Total Solvent Evaporation		155.34	134.63	0.00	0.00	0.00	0.03	0.02	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	9.60	4.16	58.45	25.27	0.41	9.08	8.63	8.39
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.25	2.43	0.45
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	91.20	44.60	9.30
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	297.08	135.79	22.89
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	14.64	8.70	1.85
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	31.40	14.49	3.21
660	Fires	0.35	0.24	3.15	0.08	0.00	0.45	0.45	0.42
670	Waste Burning and Disposal	12.62	7.19	97.52	4.89	0.00	12.87	12.39	11.04
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.52	1.06	0.00	0.00	0.00	10.37	10.37	10.26
699	Other Miscellaneous Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	34.20	12.03	0.00	0.00	0.00
Total Miscellaneous Processes		173.30	24.60	159.12	64.44	12.44	472.35	237.83	67.81



**TABLE A-8**

(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	129.62	119.04	1162.23	101.15	0.90	7.92	7.77	4.50
722	Light Duty Trucks (T1 and T2)	77.60	71.27	771.58	79.81	0.55	4.76	4.66	3.00
724	Medium Duty Trucks (T3)	21.18	19.22	198.04	27.70	0.17	1.24	1.21	0.83
732	Light Heavy Duty Gas Trucks (T4 & T5)	8.69	8.28	44.29	9.35	0.04	0.19	0.19	0.09
734	Medium Heavy Duty Gas Trucks (T6)	8.27	7.80	59.75	7.48	0.01	0.04	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	7.34	6.63	76.41	13.47	0.00	0.03	0.03	0.02
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.51	0.45	1.50	11.71	0.06	0.14	0.14	0.10
744	Medium Heavy Duty Diesel Truck (T6)	1.50	1.32	8.54	52.08	0.48	1.40	1.40	1.22
746	Heavy Heavy Duty Diesel Trucks (HHD)	8.53	7.49	33.89	199.78	1.83	4.09	4.09	3.36
750	Motorcycles (MCY)	6.54	6.06	49.30	1.58	0.00	0.08	0.07	0.05
760	Diesel Urban Buses (UB)	0.86	0.75	3.17	15.68	0.13	0.29	0.29	0.26
762	Gas Urban Buses (UB)	2.17	1.76	20.26	2.74	0.00	0.03	0.03	0.02
770	School Buses (SB)	0.40	0.35	3.74	4.42	0.03	0.17	0.17	0.15
780	Motor Homes (MH)	1.11	0.94	31.09	3.81	0.02	0.05	0.05	0.03
Total	On-Road Motor Vehicles	274.30	251.34	2463.78	530.78	4.23	20.42	20.12	13.64
Other Mobile Sources									
810	Aircraft	5.83	5.20	50.26	27.49	0.96	0.61	0.59	0.59
820	Trains	1.96	1.72	6.71	28.40	3.40	0.96	0.96	0.88
830	Ships and Commercial Boats	4.72	4.14	6.47	54.28	31.43	3.74	3.73	3.45
840	Recreational Boats	31.01	28.83	176.84	10.15	0.18	3.68	3.31	2.51
850	Off-Road Recreational Vehicles	5.05	4.76	58.02	0.46	0.04	0.13	0.12	0.09
860	Off-Road Equipment	84.30	76.32	809.04	155.00	0.37	11.43	11.20	9.97
870	Farm Equipment	1.14	1.01	7.60	7.47	0.01	0.48	0.48	0.44
890	Fuel Storage and Handling	10.20	10.20	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.15	0.13	0.77	2.37	0.00	0.03	0.03	0.03
Total	Other Mobile Sources	144.35	132.32	1115.71	285.62	36.39	21.06	20.42	17.95
Total	Stationary and Area Sources	850.71	288.03	212.20	95.16	19.13	493.46	254.70	82.14
Total	On-Road Vehicles	274.30	251.34	2463.78	530.78	4.23	20.42	20.12	13.64
Total	Other Mobile	144.35	132.32	1115.71	285.62	36.39	21.06	20.42	17.95
Total	Anthropogenic	1269.37	671.70	3791.69	911.56	59.75	534.94	295.24	113.73

**TABLE A-9**

2008 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	9.14	1.41	6.17	0.88	0.28	0.95	0.95	0.95
20	Cogeneration	8.28	0.83	1.73	0.45	0.01	0.70	0.68	0.68
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	2.07	0.01	0.17	0.17	0.16
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	15.59	2.98	11.49	14.73	0.49	2.63	2.57	2.54
52	Food and Agricultural Processing	0.47	0.21	0.77	1.69	0.01	0.19	0.19	0.19
60	Service and Commercial	19.34	2.56	12.10	7.02	0.72	1.09	1.07	1.07
99	Other (Fuel Combustion)	2.25	0.37	3.87	1.48	0.19	0.35	0.32	0.30
Total Fuel Combustion		60.99	10.16	41.83	28.33	1.71	8.63	8.38	8.26
Waste Disposal									
110	Sewage Treatment	0.22	0.16	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	164.97	2.19	0.20	0.42	0.13	0.19	0.19	0.19
130	Incineration	1.06	0.17	0.91	1.33	0.08	0.20	0.10	0.09
199	Other (Waste Dispos	59.82	7.24	0.00	0.00	0.00	0.19	0.13	0.08
Total Waste Disposal		226.06	9.76	1.11	1.76	0.22	0.59	0.43	0.36
Cleaning and Surface Coatings									
210	Laundering	11.32	0.05	0.01	0.03	0.00	0.00	0.00	0.00
220	Degreasing	57.78	8.25	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	41.66	37.67	0.00	0.00	0.00	0.06	0.06	0.06
240	Printing	4.94	4.94	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	6.42	5.60	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	0.90	0.65	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		123.02	57.16	0.01	0.05	0.00	0.06	0.06	0.06
Petroleum Production and Marketing									
310	Oil and Gas Production	14.62	6.69	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	10.16	6.83	4.79	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	72.46	21.70	0.01	0.01	0.00	0.05	0.05	0.05
399	Other (Petroleum Production & Marketing)	0.18	0.16	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		97.41	35.37	5.07	0.36	4.50	1.27	0.87	0.67

**TABLE A-9**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	15.24	13.03	0.04	0.00	0.00	0.54	0.48	0.46
420	Food and Agriculture	1.37	1.22	0.14	0.03	0.00	0.63	0.22	0.07
430	Mineral Processes	3.82	3.07	2.84	0.02	0.01	5.77	3.91	2.65
440	Metal Processes	1.10	0.80	2.66	0.03	0.04	1.76	1.23	0.94
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.58	1.09	0.66
460	Glass and Related Products	0.09	0.06	0.18	0.00	0.25	0.27	0.26	0.26
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	1.00	0.67	0.00	0.11	0.01	0.30	0.17	0.12
Total Industrial Processes		22.62	18.86	5.87	0.20	0.31	10.86	7.36	5.16
Solvent Evaporation									
510	Consumer Products	126.03	105.93	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	26.02	25.35	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	1.87	1.87	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	1.01	0.92	0.00	0.00	0.00	0.03	0.03	0.02
Total Solvent Evaporation		154.94	134.07	0.00	0.00	0.00	0.03	0.03	0.02
Miscellaneous Processes									
610	Residential Fuel Combustion	9.72	4.21	59.20	25.50	0.41	9.19	8.74	8.50
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.20	2.41	0.45
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	93.13	45.54	9.50
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	298.90	136.62	23.04
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	14.64	8.70	1.85
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	31.28	14.43	3.20
660	Fires	0.35	0.25	3.18	0.08	0.00	0.46	0.45	0.42
670	Waste Burning and Disposal	12.61	7.19	97.48	4.89	0.00	12.87	12.38	11.03
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.53	1.07	0.00	0.00	0.00	10.40	10.40	10.30
699	Other Miscellaneous Processes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	34.20	12.03	0.00	0.00	0.00
Total Miscellaneous Processes		173.42	24.65	159.86	64.67	12.44	476.09	239.68	68.29

**TABLE A-9**  
(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	120.23	110.48	1086.28	93.57	0.92	8.14	7.98	4.64
722	Light Duty Trucks (T1 and T2)	74.89	68.87	736.16	75.64	0.55	4.95	4.84	3.14
724	Medium Duty Trucks (T3)	20.71	18.81	191.79	26.54	0.17	1.29	1.26	0.87
732	Light Heavy Duty Gas Trucks (T4 & T5)	8.38	7.99	40.75	9.33	0.04	0.19	0.19	0.09
734	Medium Heavy Duty Gas Trucks (T6)	7.82	7.39	55.83	7.12	0.01	0.04	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	6.88	6.23	69.57	12.12	0.00	0.03	0.03	0.01
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.51	0.45	1.51	11.05	0.04	0.13	0.13	0.10
744	Medium Heavy Duty Diesel Truck (T6)	1.48	1.30	8.51	48.86	0.35	1.36	1.36	1.18
746	Heavy Heavy Duty Diesel Trucks (HHD)	8.20	7.20	32.65	186.60	1.32	3.90	3.90	3.17
750	Motorcycles (MCY)	6.42	5.93	47.68	1.60	0.00	0.08	0.07	0.05
760	Diesel Urban Buses (UB)	0.85	0.75	3.15	15.53	0.09	0.29	0.29	0.26
762	Gas Urban Buses (UB)	2.14	1.74	19.87	2.74	0.00	0.03	0.03	0.02
770	School Buses (SB)	0.39	0.35	3.64	4.41	0.02	0.17	0.17	0.15
780	Motor Homes (MH)	1.00	0.84	27.79	3.58	0.01	0.05	0.05	0.03
Total	On-Road Motor Vehicles	259.90	238.34	2325.21	498.68	3.54	20.64	20.33	13.72
Other Mobile Sources									
810	Aircraft	5.76	5.14	50.58	28.10	0.97	0.58	0.57	0.56
820	Trains	1.93	1.69	6.80	27.67	3.45	0.58	0.94	0.86
830	Ships and Commercial Boats	4.82	4.22	6.60	55.45	32.20	3.81	3.80	3.51
840	Recreational Boats	28.67	26.67	169.51	9.88	0.18	3.66	3.30	2.50
850	Off-Road Recreational Vehicles	5.11	4.81	58.90	0.46	0.04	0.13	0.12	0.09
860	Off-Road Equipment	83.04	75.49	816.04	147.93	0.38	11.16	10.93	9.71
870	Farm Equipment	1.08	0.96	7.45	7.11	0.01	0.46	0.46	0.42
890	Fuel Storage and Handling	10.16	10.16	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.15	0.13	0.79	2.43	0.00	0.03	0.03	0.03
Total	Other Mobile Sources	140.70	129.28	1116.67	279.05	37.23	20.77	20.14	17.68
Total	Stationary and Area Sources	858.47	290.04	213.75	95.38	19.17	497.53	256.80	82.82
Total	On-Road Vehicles	259.90	238.34	2325.21	498.68	3.54	20.64	20.33	13.72
Total	Other Mobile	140.70	129.28	1116.67	279.05	37.23	20.77	20.14	17.68
Total	Anthropogenic	1259.08	657.66	3655.64	873.11	59.94	538.94	297.27	114.23

**TABLE A-10**

2010 Annual Average Emissions by Source Category in South Coast Air Basin (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	9.50	1.47	6.41	0.73	0.29	0.99	0.99	0.99
20	Cogeneration	8.29	0.83	1.74	0.34	0.01	0.70	0.69	0.68
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	1.98	0.01	0.17	0.17	0.16
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	16.05	3.07	11.83	13.01	0.49	2.72	2.66	2.63
52	Food and Agricultural Processing	0.48	0.21	0.78	1.66	0.01	0.19	0.19	0.19
60	Service and Commercial	19.97	2.64	12.58	5.86	0.75	1.13	1.11	1.11
99	Other (Fuel Combustion)	2.32	0.39	4.01	1.31	0.20	0.35	0.33	0.31
Total Fuel Combustion		62.51	10.41	43.07	24.89	1.75	8.79	8.54	8.42
Waste Disposal									
110	Sewage Treatment	0.23	0.16	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	168.79	2.25	0.20	0.43	0.14	0.20	0.20	0.20
130	Incineration	1.09	0.18	0.94	1.38	0.08	0.21	0.11	0.09
199	Other (Waste Disposal)	59.83	7.25	0.00	0.00	0.00	0.20	0.14	0.08
Total Waste Disposal		229.94	9.84	1.14	1.81	0.22	0.60	0.44	0.37
Cleaning and Surface Coatings									
210	Laundering	11.89	0.05	0.01	0.04	0.00	0.00	0.00	0.00
220	Degreasing	62.06	8.87	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	43.98	39.72	0.00	0.00	0.00	0.06	0.06	0.06
240	Printing	5.13	5.13	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	6.94	6.05	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	0.97	0.70	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		130.96	60.52	0.01	0.05	0.00	0.07	0.06	0.06
Petroleum Production and Marketing									
310	Oil and Gas Production	14.62	6.69	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	10.05	6.74	4.80	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	73.60	21.81	0.01	0.01	0.00	0.06	0.05	0.05
399	Other(Petroleum Production & Marketing)	0.18	0.16	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		98.44	35.39	5.08	0.36	4.50	1.28	0.87	0.68

**TABLE A-10**  
(Continued)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	16.17	13.82	0.04	0.00	0.00	0.56	0.50	0.48
420	Food and Agriculture	1.41	1.25	0.14	0.03	0.00	0.65	0.23	0.07
430	Mineral Processes	3.99	3.21	2.96	0.02	0.01	6.00	4.07	2.76
440	Metal Processes	1.18	0.86	2.88	0.03	0.05	1.88	1.32	1.01
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.62	1.11	0.68
460	Glass and Related Products	0.09	0.06	0.19	0.00	0.26	0.28	0.27	0.27
470	Electronics	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00
499	Other (Industrial Processes)	1.02	0.68	0.00	0.12	0.01	0.32	0.18	0.12
Total Industrial Processes		23.87	19.90	6.22	0.22	0.32	11.32	7.67	5.38
Solvent Evaporation									
510	Consumer Products	128.39	107.93	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	24.73	24.08	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	1.72	1.72	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	1.06	0.96	0.00	0.00	0.00	0.03	0.03	0.03
Total Solvent Evaporation		155.91	134.70	0.00	0.00	0.00	0.03	0.03	0.03
Miscellaneous Processes									
610	Residential Fuel Combustion	9.96	4.31	60.71	22.46	0.42	9.42	8.96	8.71
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.14	2.38	0.44
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	97.02	47.44	9.90
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	302.59	138.31	23.32
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	14.64	8.70	1.85
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	31.05	14.33	3.18
660	Fires	0.36	0.25	3.24	0.08	0.00	0.46	0.45	0.43
670	Waste Burning and Disposal	12.60	7.18	97.40	4.89	0.00	12.86	12.37	11.02
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.54	1.08	0.00	0.00	0.00	10.47	10.47	10.37
699	Other (Miscellaneous Processes)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX Reclaim	0.00	0.00	0.00	34.20	12.03	0.00	0.00	0.00
Total Miscellaneous Processes		173.67	24.76	161.35	61.64	12.45	483.65	243.40	69.21

**TABLE A-10**  
(Continued)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	101.44	93.38	934.39	78.40	0.95	8.58	8.41	4.91
722	Light Duty Trucks (T1 and T2)	69.46	64.10	665.36	67.30	0.57	5.33	5.21	3.44
724	Medium Duty Trucks (T3)	19.75	18.00	179.29	24.22	0.17	1.39	1.36	0.95
732	Light Heavy Duty Gas Trucks (T4 & T5)	7.76	7.43	33.65	9.28	0.04	0.19	0.19	0.09
734	Medium Heavy Duty Gas Trucks (T6)	6.92	6.56	47.99	6.41	0.01	0.05	0.04	0.02
736	Heavy Heavy Duty Gas Trucks (HHD)	5.94	5.43	55.90	9.40	0.00	0.02	0.02	0.01
742	Light Heavy Duty Diesel Trucks(T4 & T5)	0.50	0.44	1.54	9.71	0.02	0.13	0.13	0.09
744	Medium Heavy Duty Diesel Truck (T6)	1.45	1.27	8.46	42.42	0.07	1.28	1.27	1.10
746	Heavy Heavy Duty Diesel Trucks (HHD)	7.55	6.63	30.18	160.23	0.31	3.52	3.52	2.79
750	Motorcycles (MCY)	6.20	5.66	44.45	1.64	0.00	0.07	0.07	0.04
760	Diesel Urban Buses (UB)	0.84	0.73	3.11	15.21	0.02	0.28	0.28	0.25
762	Gas Urban Buses (UB)	2.10	1.70	19.10	2.75	0.00	0.03	0.03	0.02
770	School Buses (SB)	0.39	0.34	3.46	4.38	0.01	0.17	0.17	0.15
780	Motor Homes (MH)	0.79	0.66	21.18	3.12	0.01	0.06	0.06	0.03
Total On-Road Motor Vehicles		231.09	212.34	2048.06	434.48	2.16	21.09	20.76	13.89
Other Mobile Sources									
810	Aircraft	5.61	5.01	51.77	31.08	1.05	0.52	0.51	0.51
820	Trains	1.88	1.65	6.95	17.89	3.48	0.91	0.91	0.84
830	Ships and Commercial Boats	5.00	4.39	6.88	57.85	33.75	3.95	3.94	3.64
840	Recreational Boats	24.87	23.17	167.16	9.74	0.14	3.65	3.29	2.49
850	Off-Road Recreational Vehicles	5.22	4.91	60.67	0.48	0.04	0.13	0.12	0.09
860	Off-Road Equipment	78.70	72.08	792.22	130.95	0.38	10.50	10.26	9.09
870	Farm Equipment	1.02	0.91	7.19	6.46	0.01	0.42	0.42	0.39
890	Fuel Storage and Handling	10.27	10.27	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.16	0.14	0.82	2.52	0.00	0.03	0.03	0.03
Total Other Mobile Sources		132.73	122.53	1093.67	256.97	38.84	20.12	19.48	17.07
Total Stationary and Area Sources		875.29	295.52	216.88	88.97	19.25	505.74	261.02	84.15
Total On-Road Vehicles		231.09	212.34	2048.06	434.48	2.16	21.09	20.76	13.89
Total Other Mobile		132.73	122.53	1093.67	256.97	38.84	20.12	19.48	17.07
Total Anthropogenic		1239.10	630.38	3358.60	780.42	60.25	546.95	301.26	115.11

**TABLE A-11**

2020 Annual Average Emissions by Source Category in SCAB (Tons/Day)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Fuel Combustion									
10	Electric Utilities	11.28	1.75	7.62	0.86	0.34	1.17	1.17	1.16
20	Cogeneration	8.30	0.83	1.79	0.34	0.01	0.70	0.69	0.68
30	Oil and Gas Production (combustion)	3.63	0.67	0.84	1.98	0.01	0.17	0.17	0.16
40	Petroleum Refining (Combustion)	2.28	1.12	4.86	0.00	0.00	2.54	2.42	2.37
50	Manufacturing and Industrial	19.06	3.68	14.12	14.12	0.54	3.28	3.21	3.18
52	Food and Agricultural Processing	0.53	0.22	0.83	1.62	0.01	0.20	0.20	0.19
60	Service and Commercial	21.93	2.92	14.20	6.50	0.82	1.28	1.27	1.26
99	Other (Fuel Combustion)	2.52	0.44	4.57	1.47	0.22	0.36	0.33	0.31
Total Fuel Combustion		69.52	11.64	48.83	26.90	1.69	9.72	9.45	9.32
Waste Disposal									
110	Sewage Treatment	0.24	0.17	0.00	0.00	0.00	0.00	0.00	0.00
120	Landfills	190.95	2.54	0.22	0.46	0.15	0.21	0.21	0.21
130	Incineration	1.23	0.20	1.07	1.58	0.10	0.24	0.13	0.11
199	Other (Waste Disposal)	59.90	7.30	0.00	0.00	0.00	0.22	0.15	0.09
Total Waste Disposal		252.32	10.22	1.28	2.04	0.24	0.67	0.49	0.42
Cleaning and Surface Coatings									
210	Laundering	13.58	0.06	0.01	0.04	0.00	0.00	0.00	0.00
220	Degreasing	91.31	13.03	0.00	0.00	0.00	0.00	0.00	0.00
230	Coatings and Related Processes	59.07	52.98	0.00	0.00	0.00	0.08	0.07	0.07
240	Printing	6.13	6.13	0.00	0.00	0.00	0.00	0.00	0.00
250	Adhesives and Sealants	10.35	9.02	0.00	0.00	0.00	0.00	0.00	0.00
299	Other (Cleaning and Surface Coatings)	1.42	1.02	0.01	0.02	0.00	0.00	0.00	0.00
Total Cleaning and Surface Coatings		181.86	82.23	0.01	0.06	0.00	0.08	0.08	0.07
Petroleum Production and Marketing									
310	Oil and Gas Production	14.62	6.69	0.27	0.02	0.00	0.04	0.03	0.02
320	Petroleum Refining	10.09	6.77	4.90	0.34	4.50	1.18	0.79	0.60
330	Petroleum Marketing	75.23	23.34	0.01	0.01	0.00	0.08	0.07	0.07
399	Other (Petroleum Production & Marketing)	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00
Total Petroleum Production and Marketing		100.13	36.97	5.18	0.37	4.50	1.30	0.89	0.69



**TABLE A-11**

(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
Industrial Processes									
410	Chemical	21.66	18.49	0.05	0.00	0.00	0.70	0.62	0.59
420	Food and Agriculture	1.57	1.39	0.16	0.03	0.00	0.73	0.25	0.07
430	Mineral Processes	5.03	4.06	3.65	0.02	0.01	7.26	4.92	3.33
440	Metal Processes	1.75	1.27	4.32	0.05	0.07	2.68	1.92	1.48
450	Wood and Paper	0.01	0.01	0.00	0.00	0.00	1.79	1.22	0.75
460	Glass and Related Products	0.11	0.08	0.22	0.00	0.31	0.33	0.33	0.32
470	Electronics	0.01	0.01	0.01	0.02	0.00	0.03	0.01	0.00
499	Other (Industrial Processes)	1.14	0.77	0.00	0.25	0.01	0.40	0.23	0.16
Total Industrial Processes		31.27	26.07	8.42	0.38	0.40	13.91	9.49	6.71
Solvent Evaporation									
510	Consumer Products	139.95	117.79	0.00	0.00	0.00	0.00	0.00	0.00
520	Architectural Coatings and Related Solvent	27.60	26.87	0.00	0.00	0.00	0.00	0.00	0.00
530	Pesticides/Fertilizers	1.78	1.78	0.00	0.00	0.00	0.00	0.00	0.00
540	Asphalt Paving/Roofing	1.18	1.08	0.00	0.00	0.00	0.03	0.03	0.03
Total Solvent Evaporation		170.51	147.52	0.00	0.00	0.00	0.03	0.03	0.03
Miscellaneous Processes									
610	Residential Fuel Combustion	11.33	4.91	69.48	21.78	0.47	10.77	10.23	9.94
620	Farming Operations	149.21	11.94	0.00	0.00	0.00	5.04	2.34	0.43
630	Construction and Demolition	0.00	0.00	0.00	0.00	0.00	105.24	51.46	10.73
640	Paved Road Dust	0.00	0.00	0.00	0.00	0.00	317.38	145.07	24.46
645	Unpaved Road Dust	0.00	0.00	0.00	0.00	0.00	14.64	8.70	1.85
650	Fugitive Windblown Dust	0.00	0.00	0.00	0.00	0.00	30.69	14.16	3.14
660	Fires	0.39	0.27	3.60	0.09	0.00	0.48	0.47	0.45
670	Waste Burning and Disposal	12.57	7.17	97.26	4.89	0.00	12.83	12.34	11.00
680	Utility Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
690	Cooking	1.57	1.10	0.00	0.00	0.00	10.70	10.70	10.59
699	Other Miscellaneous Processes	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	NOX/SOX RECLAIM	0.00	0.00	0.00	34.20	12.03	0.00	0.00	0.00
Total Miscellaneous Processes		175.08	25.39	170.34	60.96	12.50	507.78	255.48	72.59

**TABLE A-11**

(CONTINUED)

CODE	Source Category	TOG	VOC	CO	NOx	SOx	TSP	PM10	PM2.5
On-Road Motor Vehicles									
710	Light Duty Passenger Auto (LDA)	50.56	46.81	452.23	34.10	1.15	10.62	10.41	6.25
722	Light Duty Trucks (T1 and T2)	45.39	42.33	375.65	35.73	0.70	6.95	6.79	4.67
724	Medium Duty Trucks (T3)	14.05	12.93	114.15	13.51	0.21	1.83	1.79	1.30
732	Light Heavy Duty Gas Trucks (T4 & T5)	7.30	7.10	19.12	8.43	0.04	0.21	0.21	0.11
734	Medium Heavy Duty Gas Trucks (T6)	3.83	3.69	21.68	3.20	0.01	0.05	0.05	0.03
736	Heavy Heavy Duty Gas Trucks (HHD)	3.11	2.95	22.17	3.27	0.00	0.01	0.01	0.01
742	Light Heavy Duty Diesel Trucks (T4 & T5)	0.36	0.30	1.51	4.34	0.02	0.10	0.10	0.06
744	Medium Heavy Duty Diesel Truck (T6)	1.11	0.98	7.73	16.95	0.09	0.96	0.96	0.80
746	Heavy Heavy Duty Diesel Trucks (HHD)	5.32	4.67	25.42	64.06	0.39	2.61	2.60	1.83
750	Motorcycles (MCY)	6.18	5.45	35.90	1.78	0.00	0.06	0.06	0.04
760	Diesel Urban Buses (UB)	0.69	0.61	2.61	12.07	0.02	0.24	0.24	0.21
762	Gas Urban Buses (UB)	2.03	1.59	12.36	2.82	0.01	0.04	0.04	0.02
770	School Buses (SB)	0.35	0.30	2.33	3.93	0.01	0.16	0.16	0.14
780	Motor Homes (MH)	0.21	0.17	3.67	1.35	0.01	0.06	0.06	0.03
Total	On-Road Motor Vehicles	140.48	129.89	1096.53	205.56	2.64	23.92	23.49	15.51
Other Mobile Sources									
810	Aircraft	7.02	6.27	58.34	40.29	1.29	0.58	0.57	0.56
820	Trains	1.83	1.60	7.93	19.59	4.00	0.87	0.87	0.80
830	Ships and Commercial Boats	6.71	5.89	9.34	78.99	48.35	5.30	5.30	4.88
840	Recreational Boats	15.08	14.14	157.06	8.59	0.16	4.34	3.91	2.96
850	Off-Road Recreational Vehicles	5.81	5.46	69.90	0.55	0.05	0.16	0.14	0.11
860	Off-Road Equipment	74.26	68.99	794.43	86.31	0.40	7.53	7.28	6.34
870	Farm Equipment	0.53	0.47	6.40	3.70	0.01	0.24	0.24	0.22
890	Fuel Storage and Handling	10.85	10.85	0.00	0.00	0.00	0.00	0.00	0.00
895	Truck Stops	0.19	0.17	1.00	3.06	0.00	0.04	0.04	0.04
Total	Other Mobile Sources	122.27	113.85	1104.41	241.08	54.25	19.05	18.34	15.91
Total	Stationary and Area Sources	980.69	340.02	234.07	90.70	19.60	533.48	275.91	89.83
Total	On-Road Vehicles	140.48	129.89	1096.53	205.56	2.64	23.92	23.49	15.51
Total	Other Mobile	122.27	113.85	1104.41	241.08	54.25	19.05	18.34	15.91
Total	Anthropogenic	1243.44	583.76	2435.01	537.34	76.49	576.45	317.73	121.25