

Table II-1
Annual State-Level Emissions by Major Source Category for 1996 Base Year
(tons/year)

Stationary Area Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	169,987	66,644	616,602	52,499	541,879	146,160	77,299	2,137
Arizona	151,317	82,869	423,710	4,469	278,342	115,076	31,491	1,437
Arkansas	137,498	41,915	285,162	19,975	456,509	105,893	136,874	2,054
California	389,268	130,725	1,213,682	10,746	1,069,922	253,329	167,725	3,749
Colorado	130,402	59,061	188,431	4,758	455,456	101,073	99,373	1,557
Connecticut	97,218	11,303	153,725	565	94,941	19,146	5,143	2,440
Delaware	23,249	7,252	19,774	10,577	31,776	9,976	10,084	214
DC	10,042	2,087	875	6,184	3,682	1,138	927	79
Florida	367,586	54,218	592,842	43,158	694,484	184,916	69,235	4,217
Georgia	268,942	72,321	1,177,391	6,559	916,655	256,865	78,763	2,740
Idaho	90,735	52,849	843,924	9,094	659,950	170,937	63,124	889
Illinois	309,893	131,039	97,456	38,090	913,845	190,444	137,311	3,462
Indiana	232,156	36,817	98,876	2,339	555,549	105,916	92,099	2,564
Iowa	137,587	29,663	82,023	13,667	584,070	115,188	290,821	1,507
Kansas	132,219	69,839	149,427	3,466	1,515,758	264,865	215,345	1,286
Kentucky	150,626	72,268	197,892	55,693	272,008	73,213	88,817	2,197
Louisiana	139,413	101,487	216,464	93,590	388,446	109,918	64,537	1,423
Maine	57,852	11,264	77,744	14,443	136,004	89,297	5,932	1,030
Maryland	69,929	17,055	93,992	770	179,172	38,932	22,788	908
Massachusetts	148,743	27,746	56,088	68,534	248,995	54,198	7,795	1,632
Michigan	313,989	124,158	205,652	35,216	464,612	111,495	60,430	3,942
Minnesota	196,461	24,500	156,442	6,139	843,599	162,960	183,513	2,390
Mississippi	159,913	54,306	470,578	76,957	420,218	113,051	64,038	1,833
Missouri	181,638	16,893	307,182	32,150	1,258,627	234,515	180,035	2,990
Montana	73,230	41,032	580,715	2,327	1,117,575	220,722	89,796	772
Nebraska	102,201	19,369	211,981	10,153	632,500	123,918	228,745	837
Nevada	55,636	29,575	343,918	4,371	152,302	56,924	14,965	454
New Hampshire	38,766	13,506	44,193	89,424	46,089	14,389	2,152	682
New Jersey	168,007	87,322	56,881	48,359	236,096	58,349	8,395	1,476
New Mexico	62,326	32,069	180,229	8,121	4,930,879	760,857	46,655	778
New York	379,228	121,225	184,988	145,601	621,146	152,764	54,851	4,713
North Carolina	378,529	35,888	833,895	32,726	416,902	134,454	152,429	4,654
North Dakota	63,026	19,798	61,547	56,955	389,282	76,637	88,223	470
Ohio	317,300	83,937	176,425	62,714	560,838	135,108	78,084	3,648
Oklahoma	165,341	41,870	494,104	5,609	1,008,249	204,858	187,370	1,342
Oregon	172,983	64,694	1,292,459	20,043	815,664	249,993	59,547	2,264
Pennsylvania	291,819	125,958	249,723	98,956	453,076	117,459	78,681	3,501
Rhode Island	21,603	3,421	7,346	5,198	22,158	5,884	1,028	226
South Carolina	161,475	24,667	347,071	14,344	348,861	90,023	26,805	1,937
South Dakota	45,363	8,015	77,335	19,360	330,528	67,122	129,468	418
Tennessee	265,228	50,471	331,360	44,338	323,699	96,605	78,167	3,722
Texas	577,492	41,760	411,240	8,841	3,202,279	582,412	459,674	5,034
Utah	82,608	45,370	425,554	12,161	250,035	78,139	30,742	726
Vermont	25,677	14,414	36,743	13,744	66,573	15,763	8,971	506
Virginia	220,307	44,748	415,372	9,343	342,735	67,495	65,664	3,810
Washington	178,026	23,602	344,188	3,580	372,683	108,281	46,498	2,844
West Virginia	66,678	22,759	102,428	11,536	108,730	30,535	15,615	1,129
Wisconsin	203,626	61,401	170,090	44,041	350,142	88,445	120,840	2,925
Wyoming	21,319	65,668	61,747	15,942	688,088	110,141	49,084	279
Total	8,204,456	2,420,821	15,167,469	1,397,425	30,771,607	6,675,777	4,275,947	97,825

Table II-1 (cont'd)

Nonroad Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	60,690	79,928	398,800	11,883	8,849	7,644	106	649
Arizona	52,561	78,826	480,544	11,752	11,651	8,236	167	635
Arkansas	34,318	57,054	232,522	8,031	5,217	4,728	76	381
California	312,725	506,647	2,673,957	37,538	35,063	31,369	1,124	3,270
Colorado	47,029	94,788	403,453	12,653	8,476	7,324	206	585
Connecticut	26,717	26,751	272,199	4,626	3,017	2,763	72	270
Delaware	7,985	19,310	69,034	1,947	1,425	1,283	15	85
DC	2,600	6,556	20,026	680	400	359	49	44
Florida	206,507	213,526	1,643,733	41,592	27,041	23,620	526	2,214
Georgia	76,152	113,028	674,656	20,017	12,278	10,983	285	872
Idaho	30,515	32,609	166,139	4,629	4,080	3,245	60	305
Illinois	108,435	230,005	967,377	29,206	16,465	15,013	413	1,325
Indiana	59,387	146,464	554,274	22,067	10,875	9,934	191	698
Iowa	32,845	103,731	276,120	15,050	7,623	6,975	124	447
Kansas	29,413	128,683	249,530	18,910	8,434	7,599	134	433
Kentucky	39,736	98,581	299,117	23,272	7,673	6,868	147	490
Louisiana	73,642	227,114	393,287	36,816	13,541	12,286	313	845
Maine	46,398	15,476	201,513	2,872	2,965	2,695	39	383
Maryland	52,288	56,947	446,929	16,498	6,317	5,657	163	561
Massachusetts	53,903	83,778	482,072	11,655	7,669	6,985	210	584
Michigan	245,531	116,664	1,210,312	19,776	17,337	15,859	275	2,072
Minnesota	93,086	112,274	508,884	17,115	10,429	9,555	185	923
Mississippi	40,371	61,937	234,775	8,817	6,158	5,413	73	443
Missouri	51,667	101,981	460,362	14,268	8,430	7,605	190	603
Montana	22,880	54,465	115,196	6,236	3,694	3,280	69	262
Nebraska	21,318	95,038	170,044	13,644	6,016	5,476	106	321
Nevada	23,721	47,280	175,620	7,088	5,567	4,553	99	316
New Hampshire	18,177	10,237	123,765	1,770	1,534	1,353	24	165
New Jersey	62,372	108,640	649,012	68,427	11,301	10,314	267	654
New Mexico	13,390	16,075	118,666	2,528	2,558	1,983	42	172
New York	135,131	132,855	1,202,715	22,475	15,058	13,609	361	1,350
North Carolina	109,610	114,171	782,032	18,684	15,274	13,476	218	1,106
North Dakota	19,799	77,184	99,155	10,852	5,456	4,928	84	295
Ohio	115,771	177,846	1,027,979	30,180	21,377	18,079	295	1,315
Oklahoma	30,960	64,088	262,325	9,611	5,663	4,988	95	382
Oregon	83,162	83,551	457,972	10,647	8,160	7,481	146	835
Pennsylvania	108,424	119,974	961,983	22,322	12,074	10,886	275	1,188
Rhode Island	7,657	8,116	76,064	4,064	944	865	18	75
South Carolina	48,280	52,233	371,859	9,111	6,045	5,454	85	487
South Dakota	15,748	48,759	88,840	6,918	3,773	3,412	56	219
Tennessee	59,740	173,611	467,819	25,806	11,120	10,171	202	729
Texas	193,027	561,677	1,749,772	76,727	38,215	33,144	823	2,230
Utah	30,728	41,109	189,423	6,127	4,408	3,860	79	328
Vermont	11,938	6,945	67,851	1,120	948	855	17	105
Virginia	80,467	113,832	624,778	19,694	13,507	11,687	184	862
Washington	106,729	117,464	638,307	22,570	12,898	11,454	237	1,044
West Virginia	20,267	61,654	131,805	35,940	5,271	4,819	62	228
Wisconsin	106,943	90,086	596,418	13,053	9,697	8,814	145	965
Wyoming	10,351	30,381	58,593	2,902	1,608	1,391	35	116
Total	3,241,089	5,119,930	24,527,607	840,167	463,579	410,334	9,170	34,869

Table II-1 (cont'd)

EGU Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	995	219,009	8,069	584,960	9,281	4,366	15	18
Arizona	650	74,618	5,359	120,363	9,061	4,168	24	9
Arkansas	563	50,571	4,449	95,427	1,639	1,128	60	9
California	2,228	18,185	14,159	2,004	788	752	492	12
Colorado	624	83,533	7,843	92,741	2,239	1,297	16	10
Connecticut	340	11,465	1,292	36,459	448	322	153	8
Delaware	137	15,719	974	42,160	536	297	42	3
DC	7	186	25	924	37	35	4	0
Florida	2,822	295,538	20,943	649,846	9,408	6,195	905	47
Georgia	888	163,752	7,360	474,825	7,637	3,580	16	17
Idaho	0	0	0	0	0	0	0	0
Illinois	1,829	292,202	11,776	738,813	6,191	3,485	75	30
Indiana	1,763	369,374	14,006	941,856	11,536	6,234	28	34
Iowa	573	80,976	5,185	158,556	3,303	1,898	11	11
Kansas	1,161	95,862	5,866	117,126	2,253	1,414	40	13
Kentucky	1,286	367,114	12,244	643,810	18,018	8,167	15	25
Louisiana	1,360	77,685	11,717	101,216	3,056	1,878	602	9
Maine	34	1,188	119	5,652	72	63	19	1
Maryland	496	105,657	3,339	252,278	2,735	1,354	53	9
Massachusetts	777	35,383	4,822	105,069	1,523	957	240	12
Michigan	1,280	183,318	9,992	379,223	6,079	3,483	40	22
Minnesota	645	90,797	4,981	87,323	4,480	2,182	13	12
Mississippi	408	46,113	3,537	110,409	1,024	600	121	5
Missouri	1,296	187,039	8,602	364,489	3,145	2,051	16	24
Montana	257	25,548	2,048	17,145	4,113	2,050	3	5
Nebraska	343	48,770	2,684	65,766	1,076	746	5	6
Nevada	453	60,454	2,960	53,232	4,754	2,135	47	6
New Hampshire	123	16,742	630	50,474	233	163	26	3
New Jersey	4,147	68,946	19,600	61,202	6,458	6,258	20	7
New Mexico	566	81,303	4,544	78,503	8,903	4,013	50	9
New York	1,766	77,032	8,019	245,334	3,226	2,199	530	24
North Carolina	795	246,463	7,059	429,368	11,421	5,201	12	15
North Dakota	822	106,578	9,582	177,617	3,590	2,088	9	16
Ohio	1,669	562,205	13,645	1,505,023	14,891	6,809	24	31
Oklahoma	1,084	88,213	10,130	106,593	2,332	1,628	196	12
Oregon	50	9,674	659	8,751	197	163	0	1
Pennsylvania	1,382	254,645	10,842	1,013,860	27,768	12,956	97	27
Rhode Island	12	150	37	0	0	0	0	0
South Carolina	371	110,694	3,134	201,566	8,575	3,634	5	7
South Dakota	77	17,618	366	14,801	53	38	1	1
Tennessee	1,037	262,012	6,944	539,465	32,410	17,298	10	15
Texas	7,347	425,102	84,378	666,421	22,202	16,051	1,645	63
Utah	439	72,475	3,529	32,039	3,797	1,667	8	8
Vermont	54	1,004	174	53	56	53	0	0
Virginia	510	103,152	3,490	192,990	4,257	2,115	24	7
Washington	170	21,974	1,455	78,404	1,887	1,296	2	3
West Virginia	1,040	296,581	8,313	658,191	9,428	4,702	15	20
Wisconsin	775	107,139	6,261	207,127	3,269	1,985	11	14
Wyoming	803	107,484	6,382	100,637	7,105	4,135	9	14
Total	48,253	6,037,244	383,524	12,610,091	286,490	155,290	5,751	653

Table II-1 (cont'd)

Non-EGU Point Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	92,502	97,958	191,754	119,454	36,927	21,946	3,624	2,745
Arizona	20,772	77,667	18,627	96,204	25,936	14,339	4	290
Arkansas	14,300	21,869	97,341	16,669	30,216	18,196	14,971	282
California	67,334	116,659	82,238	41,350	29,347	16,782	14,812	718
Colorado	37,455	48,374	29,645	14,011	18,746	11,336	238	241
Connecticut	7,578	10,685	2,648	7,596	1,102	830	58	109
Delaware	7,953	11,330	14,852	41,676	1,181	830	654	96
DC	246	807	252	2,297	104	73	10	3
Florida	23,653	54,110	52,921	84,353	15,836	10,616	7,339	508
Georgia	43,212	61,667	153,657	81,695	29,291	20,464	13,811	1,361
Idaho	482	6,292	4,522	23,957	12,976	8,035	2	16
Illinois	159,033	132,243	116,075	252,368	83,275	44,027	11,313	1,468
Indiana	42,356	58,592	224,490	141,600	15,161	11,970	7,593	373
Iowa	10,514	25,335	6,539	84,938	8,030	4,416	8,111	142
Kansas	25,386	99,447	75,890	14,066	12,379	8,486	12,552	156
Kentucky	61,616	34,953	61,157	38,957	15,552	9,975	1,152	530
Louisiana	125,910	271,570	688,896	161,241	34,252	25,812	62,195	2,906
Maine	5,202	14,887	9,960	22,476	5,410	3,584	132	143
Maryland	7,675	23,073	44,595	23,082	4,136	2,416	325	68
Massachusetts	7,931	18,897	7,282	16,050	3,571	2,573	89	97
Michigan	88,341	157,955	120,454	127,535	21,896	12,541	456	1,228
Minnesota	38,492	79,045	77,645	39,744	77,473	34,509	993	1,331
Mississippi	57,089	64,548	101,432	64,544	14,906	10,690	25,027	550
Missouri	58,898	27,326	98,526	118,147	46,240	17,355	21,868	478
Montana	7,425	16,969	46,505	28,780	10,253	5,585	402	181
Nebraska	10,878	12,762	11,250	6,537	7,900	3,121	14	88
Nevada	1,264	4,551	11,443	2,626	11,481	4,018	7	18
New Hampshire	5,298	3,948	5,943	8,131	1,339	853	23	599
New Jersey	90,246	47,346	20,131	72,660	11,099	7,686	511	958
New Mexico	12,436	71,362	22,018	101,192	7,992	6,170	34	155
New York	56,870	44,060	30,346	200,341	52,505	35,481	235	1,794
North Carolina	79,951	68,919	72,236	87,418	20,254	14,227	108	3,059
North Dakota	306	7,651	3,640	66,053	1,402	1,240	13	1
Ohio	78,180	86,182	663,207	363,503	40,785	27,593	2,641	911
Oklahoma	55,864	120,741	210,935	34,357	9,551	5,861	16,418	385
Oregon	16,130	16,330	75,342	6,461	11,187	8,276	15	608
Pennsylvania	73,338	200,459	395,808	144,623	40,242	26,310	5,881	810
Rhode Island	5,831	867	1,673	2,664	1,218	895	8	85
South Carolina	45,382	45,613	59,681	55,890	8,130	5,892	52	570
South Dakota	1,309	4,404	0	1,276	853	447	0	196
Tennessee	114,645	94,635	96,210	136,713	18,052	10,431	79	2,430
Texas	265,566	495,264	386,487	295,621	35,671	24,544	1,262	3,030
Utah	20,887	27,170	112,294	26,464	20,318	16,674	1,119	102
Vermont	1,634	757	1,403	2,064	1,003	637	3	75
Virginia	57,702	72,886	60,292	110,170	15,665	9,965	689	973
Washington	21,288	37,754	169,912	43,880	10,626	7,200	4,619	513
West Virginia	24,399	53,723	108,823	65,326	11,791	7,356	408	174
Wisconsin	55,809	50,329	57,938	87,485	14,709	10,500	848	1,261
Wyoming	21,251	47,178	68,268	54,520	26,394	15,537	417	93
Total	2,127,820	3,147,149	4,973,183	3,638,761	934,363	568,299	243,136	34,905

Table II-1 (cont'd)

Mobile Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	114,843	202,386	1,331,546	6,440	6,525	5,140	4,726	796
Arizona	75,330	155,016	727,566	5,136	5,015	3,920	3,866	533
Arkansas	56,599	119,442	655,401	3,570	3,791	3,016	2,536	398
California	539,383	1,006,379	4,904,594	33,430	30,748	23,746	25,967	3,714
Colorado	70,554	139,923	813,669	4,484	4,456	3,498	3,337	550
Connecticut	56,619	109,294	530,254	3,406	3,181	2,464	2,620	389
Delaware	15,195	31,094	137,969	942	984	781	709	108
DC	6,318	9,840	64,112	380	327	250	313	44
Florida	299,030	470,255	3,220,071	15,771	14,946	11,609	12,100	2,049
Georgia	196,031	346,193	2,216,005	11,032	10,909	8,553	8,228	1,352
Idaho	27,521	56,334	329,139	1,661	1,765	1,403	1,180	193
Illinois	181,938	350,277	1,985,990	11,628	10,434	8,051	8,987	1,260
Indiana	145,624	270,465	1,775,238	8,304	8,432	6,647	6,081	1,009
Iowa	59,403	119,415	758,274	3,440	3,642	2,895	2,453	413
Kansas	51,946	109,204	677,763	3,273	3,373	2,667	2,379	363
Kentucky	86,766	179,386	962,524	5,381	5,544	4,384	3,902	607
Louisiana	89,324	161,702	979,665	4,797	5,073	4,033	3,493	621
Maine	25,043	57,066	308,963	1,657	1,780	1,419	1,163	177
Maryland	66,319	151,959	683,110	5,524	4,852	3,725	4,290	473
Massachusetts	82,005	156,366	829,476	5,806	4,759	3,616	4,671	576
Michigan	177,638	321,972	2,257,942	10,994	10,322	7,998	8,342	1,242
Minnesota	95,564	188,903	1,010,222	5,558	5,607	4,416	4,092	660
Mississippi	64,612	128,476	733,864	3,919	4,162	3,309	2,783	454
Missouri	98,453	224,479	1,198,116	7,489	7,061	5,514	5,635	699
Montana	20,110	45,219	252,901	1,231	1,350	1,080	857	141
Nebraska	35,052	70,333	453,201	2,067	2,169	1,721	1,484	244
Nevada	32,752	54,275	311,036	1,748	1,720	1,347	1,310	248
New Hampshire	22,943	47,855	259,513	1,395	1,448	1,147	1,005	160
New Jersey	102,527	197,190	929,480	7,335	6,130	4,656	5,820	714
New Mexico	49,572	91,079	573,637	2,747	2,896	2,299	1,964	382
New York	211,046	390,179	2,253,393	14,114	12,023	9,209	11,036	1,466
North Carolina	124,270	267,111	1,436,307	9,678	8,632	6,674	7,255	881
North Dakota	15,968	32,021	199,115	876	956	764	612	110
Ohio	219,206	400,492	2,601,088	12,707	12,445	9,739	9,533	1,514
Oklahoma	82,113	156,634	998,741	4,925	4,969	3,911	3,628	572
Oregon	55,701	127,337	583,759	3,814	3,900	3,079	2,786	393
Pennsylvania	206,124	385,058	2,218,239	11,831	12,007	9,491	8,913	1,436
Rhode Island	16,051	26,039	158,031	847	761	585	667	109
South Carolina	86,601	168,223	989,486	5,070	5,328	4,229	3,630	603
South Dakota	17,106	37,808	216,551	1,020	1,122	899	708	119
Tennessee	123,040	235,849	1,444,247	7,281	7,303	5,743	5,384	854
Texas	363,589	690,692	3,603,683	22,310	23,363	18,516	17,206	2,550
Utah	47,818	77,779	581,712	2,414	2,377	1,863	1,808	356
Vermont	14,490	29,428	175,502	821	880	701	579	101
Virginia	125,853	275,354	1,423,323	8,818	9,017	7,121	6,574	898
Washington	101,864	194,983	1,057,061	6,051	5,844	4,563	4,583	702
West Virginia	35,513	79,814	439,398	2,288	2,470	1,971	1,607	250
Wisconsin	93,505	210,356	1,132,207	6,570	6,924	5,489	4,842	672
Wyoming	15,547	35,255	202,281	956	1,043	834	668	109
Total	4,900,419	9,392,191	53,585,364	302,938	294,764	230,684	228,312	34,264
Total for All Categories	18,522,037	26,117,335	98,637,147	18,789,382	32,750,802	8,040,382	4,762,317	202,517