

Table III-5
Summer Season Daily State-Level Emissions by
Major Source Category for 2020 Base Case

Stationary Area Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	496	204	1,097	115	1,489	367	212	4
Arizona	516	306	1,379	17	734	292	86	5
Arkansas	460	178	1,315	79	1,358	342	376	4
California	1,462	369	3,455	29	2,956	663	459	13
Colorado	499	231	887	15	1,446	346	272	6
Connecticut	178	8	26	0	278	63	13	2
Delaware	79	12	47	31	113	34	28	1
DC	31	6	2	17	17	5	3	0
Florida	1,293	124	1,203	128	2,198	566	190	13
Georgia	873	145	2,177	39	2,453	647	215	7
Idaho	336	235	3,285	33	1,564	509	173	2
Illinois	975	62	105	100	2,591	543	375	10
Indiana	804	117	194	9	1,745	338	252	8
Iowa	476	87	175	43	1,558	305	796	5
Kansas	463	260	428	11	4,036	716	591	4
Kentucky	437	269	377	195	833	206	245	4
Louisiana	404	381	670	321	1,180	337	180	3
Maine	125	23	41	19	413	263	16	2
Maryland	211	46	221	3	589	118	62	2
Massachusetts	449	64	68	165	766	165	21	4
Michigan	892	125	110	90	1,476	315	165	9
Minnesota	681	51	344	13	2,329	445	502	7
Mississippi	488	196	1,040	319	1,123	298	176	4
Missouri	546	56	722	89	3,641	664	492	5
Montana	251	174	2,231	9	3,198	673	246	2
Nebraska	417	69	1,042	38	1,762	376	625	3
Nevada	251	148	1,860	18	536	260	41	2
New Hampshire	112	36	23	237	145	36	6	1
New Jersey	493	68	67	102	837	201	23	4
New Mexico	237	131	951	37	13,439	2,119	127	2
New York	1,097	89	73	353	1,801	416	147	12
North Carolina	1,230	79	1,895	86	1,416	400	417	10
North Dakota	243	85	282	240	1,030	212	242	2
Ohio	1,019	125	212	175	1,811	410	214	10
Oklahoma	634	173	2,424	23	2,967	681	513	3
Oregon	499	222	3,474	78	2,087	633	163	4
Pennsylvania	845	89	302	130	1,384	332	215	8
Rhode Island	68	2	4	5	76	18	3	1
South Carolina	535	72	674	47	956	233	73	5
South Dakota	184	32	360	92	906	195	354	1
Tennessee	825	88	615	145	1,022	268	214	7
Texas	2,000	124	1,138	30	9,357	1,746	1,254	18
Utah	358	221	2,235	49	947	348	84	3
Vermont	73	7	7	34	188	38	24	1
Virginia	668	143	651	31	1,096	259	179	7
Washington	528	73	722	10	1,100	299	127	5
West Virginia	172	35	88	33	320	72	43	2
Wisconsin	635	68	211	133	1,079	248	331	7
Wyoming	75	278	400	58	1,850	316	134	1
Total	26,622	6,181	41,310	4,071	88,195	19,340	11,698	241

Table III-5 (cont'd)

Nonroad Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	130	218	2,031	77	34	30	1	1
Arizona	116	251	2,743	105	51	34	1	2
Arkansas	74	169	1,171	70	21	19	0	1
California	631	1,312	14,843	94	103	92	5	7
Colorado	100	276	2,202	112	33	28	1	1
Connecticut	53	97	1,521	42	13	12	0	1
Delaware	15	54	377	14	5	5	0	0
DC	7	20	102	6	2	1	0	0
Florida	429	659	9,202	308	101	89	3	5
Georgia	159	352	3,708	158	47	43	2	2
Idaho	64	95	804	41	18	14	0	1
Illinois	214	692	5,267	259	65	59	2	3
Indiana	117	421	2,959	170	42	38	1	1
Iowa	63	322	1,494	149	30	28	1	1
Kansas	60	355	1,371	147	31	28	1	1
Kentucky	88	266	1,532	101	29	26	1	1
Louisiana	153	559	1,838	147	44	40	1	2
Maine	88	45	826	18	11	10	0	1
Maryland	113	178	2,529	93	25	22	1	1
Massachusetts	106	259	2,555	101	29	27	1	1
Michigan	418	403	5,281	160	58	53	1	4
Minnesota	153	353	2,251	158	38	35	1	2
Mississippi	88	170	1,134	60	24	21	0	1
Missouri	109	315	2,506	128	34	31	1	1
Montana	48	145	541	53	14	12	0	1
Nebraska	45	266	932	111	23	21	1	1
Nevada	54	149	974	63	23	18	1	1
New Hampshire	33	34	570	15	6	5	0	0
New Jersey	124	326	3,662	241	43	39	1	1
New Mexico	30	52	636	24	10	8	0	0
New York	256	452	6,297	199	60	54	2	3
North Carolina	225	362	4,056	162	60	53	1	2
North Dakota	41	230	532	105	21	19	1	1
Ohio	229	554	5,448	229	78	67	2	3
Oklahoma	63	188	1,375	80	21	19	1	1
Oregon	181	220	2,284	79	35	32	1	2
Pennsylvania	221	382	5,039	160	49	44	1	3
Rhode Island	14	28	408	18	4	3	0	0
South Carolina	99	162	1,956	73	24	22	0	1
South Dakota	33	153	467	74	15	13	0	0
Tennessee	132	460	2,423	131	41	38	1	2
Texas	393	1,482	9,352	479	139	121	4	5
Utah	59	125	928	53	17	14	0	1
Vermont	21	22	298	9	4	3	0	0
Virginia	168	324	3,398	132	49	43	1	2
Washington	226	327	3,258	140	53	47	1	2
West Virginia	46	149	649	117	19	17	0	1
Wisconsin	183	283	2,647	114	35	32	1	2
Wyoming	21	71	251	18	5	4	0	0
Total	6,492	14,788	128,627	5,599	1,735	1,533	48	72

Table III-5 (cont'd)

EGU Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	2	218	21	1,129	21	10	0	0
Arizona	1	227	29	135	25	11	0	0
Arkansas	1	173	32	283	12	7	0	0
California	6	13	132	1	28	13	3	0
Colorado	1	216	29	257	10	5	0	0
Connecticut	0	10	2	48	3	1	0	0
Delaware	1	35	11	141	3	1	0	0
DC	0	0	1	0	1	0	0	0
Florida	6	820	209	1,160	147	58	1	0
Georgia	3	241	27	1,788	32	14	0	0
Idaho	0	0	2	0	1	0	0	0
Illinois	5	279	40	1,446	18	10	0	0
Indiana	5	332	49	1,448	32	15	0	0
Iowa	2	259	28	476	14	8	0	0
Kansas	2	299	52	210	20	10	0	0
Kentucky	4	294	46	1,066	24	11	0	0
Louisiana	3	189	70	320	24	12	1	0
Maine	0	6	7	9	1	1	0	0
Maryland	2	122	63	664	28	13	0	0
Massachusetts	2	50	29	213	7	3	1	0
Michigan	3	220	62	953	26	13	0	0
Minnesota	2	283	28	242	15	7	0	0
Mississippi	3	203	176	251	68	32	0	0
Missouri	4	195	27	949	10	6	0	0
Montana	1	113	11	49	9	4	0	0
Nebraska	1	176	20	273	8	4	0	0
Nevada	1	124	18	158	18	8	0	0
New Hampshire	1	43	15	153	4	2	0	0
New Jersey	2	124	45	354	16	7	0	0
New Mexico	1	226	14	142	7	3	0	0
New York	3	100	66	358	26	12	1	0
North Carolina	4	270	110	1,559	90	38	0	0
North Dakota	2	252	33	567	15	7	0	0
Ohio	5	344	60	2,439	44	20	0	0
Oklahoma	2	281	56	386	18	9	1	0
Oregon	0	30	11	46	4	2	0	0
Pennsylvania	6	366	58	1,954	66	29	1	0
Rhode Island	0	3	2	0	1	0	0	0
South Carolina	3	158	183	610	105	46	0	0
South Dakota	0	53	9	9	4	1	0	0
Tennessee	2	117	12	622	21	9	0	0
Texas	13	1,059	337	1,386	131	73	2	0
Utah	1	203	14	93	9	4	0	0
Vermont	0	4	3	7	1	0	0	0
Virginia	2	143	71	592	43	18	0	0
Washington	1	74	32	323	17	9	0	0
West Virginia	4	221	41	1,355	32	15	0	0
Wisconsin	2	133	35	557	15	8	0	0
Wyoming	2	268	19	144	21	11	0	0
Total	116	9,572	2,446	27,322	1,291	604	13	2

Table III-5 (cont'd)

Non-EGU Point Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	195	239	668	361	133	77	12	8
Arizona	56	398	92	375	132	71	0	1
Arkansas	40	69	361	50	123	68	64	0
California	169	351	237	121	109	58	47	1
Colorado	122	122	78	49	98	56	1	1
Connecticut	32	113	64	21	4	3	0	0
Delaware	19	24	45	108	3	2	2	0
DC	1	3	1	4	0	0	0	0
Florida	66	182	135	277	52	31	19	1
Georgia	121	169	660	282	108	76	55	3
Idaho	1	14	14	75	27	22	0	0
Illinois	483	388	402	806	322	173	42	4
Indiana	135	129	964	417	49	39	33	1
Iowa	23	78	26	246	31	18	30	0
Kansas	55	311	248	57	50	34	42	0
Kentucky	214	101	242	127	67	43	5	2
Louisiana	279	870	2,770	597	115	85	222	4
Maine	15	48	32	56	18	12	0	0
Maryland	26	56	125	132	12	7	1	0
Massachusetts	29	56	25	43	11	8	0	0
Michigan	227	476	396	399	77	41	2	3
Minnesota	110	232	323	115	332	145	3	4
Mississippi	177	238	381	239	49	35	91	1
Missouri	181	72	324	441	190	70	79	1
Montana	16	64	170	105	54	28	2	0
Nebraska	35	47	42	22	37	12	0	0
Nevada	12	22	46	13	58	20	0	0
New Hampshire	18	16	19	20	4	3	0	2
New Jersey	250	160	67	221	34	24	1	2
New Mexico	25	186	61	340	26	19	0	0
New York	165	99	90	409	144	97	1	5
North Carolina	285	182	273	288	88	60	0	11
North Dakota	0	15	5	106	3	2	0	0
Ohio	228	260	2,309	869	145	93	9	2
Oklahoma	114	340	721	124	37	22	60	1
Oregon	28	51	248	21	34	24	0	1
Pennsylvania	172	462	1,114	411	150	96	19	2
Rhode Island	12	2	6	4	4	3	0	0
South Carolina	95	128	235	197	29	27	0	2
South Dakota	8	14	0	3	2	1	0	1
Tennessee	338	207	360	306	69	41	0	9
Texas	656	1,601	1,374	955	139	95	4	5
Utah	50	102	403	92	83	68	4	0
Vermont	4	2	4	5	3	2	0	0
Virginia	226	207	241	371	63	38	2	3
Washington	48	153	615	155	38	25	18	1
West Virginia	66	147	344	190	38	24	1	0
Wisconsin	158	143	223	257	64	45	3	4
Wyoming	44	142	241	171	128	72	2	0
Total	5,832	9,490	17,828	11,052	3,587	2,114	879	91

Table III-5 (cont'd)

Mobile Sources

State	VOC	NO_x	CO	SO₂	PM₁₀	PM_{2.5}	NH₃	SOA
Alabama	202	247	3,396	9	12	8	23	1
Arizona	168	207	1,840	8	11	7	21	1
Arkansas	107	147	1,608	5	7	5	13	1
California	389	1,029	6,056	43	70	44	131	3
Colorado	113	169	1,623	7	10	6	18	1
Connecticut	36	97	497	4	7	4	12	0
Delaware	14	33	353	1	2	1	3	0
DC	5	10	99	0	1	0	2	0
Florida	501	655	10,924	23	34	21	67	4
Georgia	253	419	4,056	16	23	15	43	2
Idaho	49	71	836	3	4	2	6	0
Illinois	188	360	3,086	14	22	14	42	1
Indiana	212	303	3,742	11	16	10	29	2
Iowa	89	130	1,529	5	7	4	11	1
Kansas	103	129	1,587	5	6	4	11	1
Kentucky	122	199	2,289	7	11	7	18	1
Louisiana	144	188	2,500	7	9	6	16	1
Maine	30	66	741	3	3	2	6	0
Maryland	67	164	1,050	7	11	7	21	1
Massachusetts	57	152	1,232	7	11	7	22	1
Michigan	237	364	4,772	14	20	12	37	2
Minnesota	120	203	2,130	8	11	7	20	1
Mississippi	116	154	1,802	6	8	5	13	1
Missouri	154	258	2,412	10	15	9	27	1
Montana	32	53	554	2	3	2	4	0
Nebraska	58	81	996	3	4	3	7	0
Nevada	58	78	858	3	4	3	8	1
New Hampshire	24	54	537	2	3	2	5	0
New Jersey	78	200	1,106	9	14	9	27	1
New Mexico	99	121	1,585	4	6	4	11	1
New York	167	389	3,575	16	25	15	47	1
North Carolina	208	355	4,047	15	21	13	38	2
North Dakota	21	33	363	1	2	1	3	0
Ohio	251	407	4,258	16	23	14	43	2
Oklahoma	161	191	2,566	7	10	6	17	1
Oregon	72	144	1,151	6	8	5	14	1
Pennsylvania	203	392	4,377	15	22	14	41	2
Rhode Island	10	23	149	1	2	1	3	0
South Carolina	162	215	2,520	8	11	7	19	1
South Dakota	27	44	442	2	2	1	4	0
Tennessee	196	282	3,820	10	15	9	27	1
Texas	575	816	8,107	30	46	29	86	4
Utah	72	102	1,435	4	5	3	10	1
Vermont	14	31	324	1	2	1	3	0
Virginia	179	321	3,154	12	18	12	33	1
Washington	133	232	3,406	9	13	8	24	1
West Virginia	55	87	915	3	4	3	7	0
Wisconsin	109	228	2,095	9	13	9	23	1
Wyoming	23	39	412	1	2	1	3	0
Total	6,463	10,668	112,909	411	610	388	1,119	49
Total for All Categories	45,526	50,699	303,120	48,455	95,418	23,979	13,757	455