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Informal Report

ANALYSIS OF AIR POLLUTION AND GREENHOUSE GASES

INITIAL STUDIES - FY 1991

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Abstract

The current objective of the project "Analysis of Air Pollution and Greenhouse Gases" is to develop a study of emissions and emission sources that could easily be linked to models of economic activity. Initial studies were conducted to evaluate data currently available linking activity rates and emissions estimates. The emissions inventory developed for the National Acid Precipitation Assessment Program (NAPAP) presents one of the most comprehensive data sets, and was chosen for our initial studies, which are described in this report.

Sources in the NAPAP inventory are classified using Source Classification Codes (SCC); these codes do not allow for easy identification of fuel combustion activities. A hierarchical set of Fuel Codes was developed and assigned to the appropriate SCCs to allow easy classification of the NAPAP data by fuel type. Study of the U.S. data for sulfur dioxide (SO_2), nitrogen oxides (NO_x) and volatile organic compounds (VOC) in this inventory revealed that approximately 91% of the SO_2 emissions, 46% of the NO_x emissions and 10% of the VOC emissions are from point sources. Over 75% of both SO_2 and NO_x point source emissions are generated by the Electric, Gas and Sanitary Services sector, while the VOC emissions from point sources are generated mainly by the Chemicals and Allied Products, Miscellaneous Manufacturing and Petroleum and Coal Products. Approximately 88% of the point source emissions of SO_2 result from fuel combustion sources, approximately 73% result from bituminous coal combustion; for NO_x the corresponding numbers are 73% for fuel combustion and 55% from bituminous coal combustion. Emissions from point sources with missing activity rate data account for approximately 6% of the SO_2 emissions, 12% of the NO_x emissions and 23% of the VOC emissions.

Over 99% of the SO_2 emissions, 98% of the NO_x emissions and 57% of the VOC emissions from area sources are related to fuel combustion. The majority of emissions from these sources are generated by the transportation sector. Activity rates for area sources are not archived with the NAPAP inventory; alternative derivations of these data will be part of the future activities of this project.

The availability and completeness of the fuel heat content data in the NAPAP inventory were also studied. Approximately 10% of the SO_2 emissions, 13% of the NO_x emissions and 46% of the VOC emissions are generated by sources with unavailable data for fuel heat content. Initial estimates of pollutant emission rate per unit fuel heat content were generated.

Future studies for this project include the derivation of activity rates for area sources, improved explanations for the default fuel parameters defined in the NAPAP inventory and the development of links to data bases of economic activity.

Introduction

The current objective of this project is to develop a study of emissions and emission sources that could be easily linked to models of economic activity. Initial studies are based on the emissions inventory for the U.S. developed by the National Acid Deposition Assessment Program (NAPAP) (Saeger et al, 1989); data used are from Version 2 of the 1985 base year inventory.

In the NAPAP inventory, sources are divided into two major groups: point sources and area sources. Point sources have precise locations and emit at least 100 tons per year of any of the criteria pollutants: sulfur dioxide (SO₂), nitrogen oxides (NO_x), volatile organic compounds (VOC), total suspended particulates (TSP) or carbon monoxide (CO). Area sources include both mobile sources and point sources too small and too numerous to list individually. Emission values are estimated based on the use of Source Classification Codes (SCCs) and their corresponding emission factors. For point sources, SCCs represent a unique process or function within a source category logically associated with a point of emissions (OAQS, 1990). For these sources, all processes contributing to the emissions from one source are addressed individually; over 3,000 SCCs have been defined. Such level of detail is not possible when addressing area sources; approximately 100 SCCs have been defined to classify these sources. A complete description of the point source SCCs is given in OAQPS, 1990; area source SCCs used in the NAPAP inventory, together with a brief description of each category, can be found in Table D-1 of Appendix D.

Included with the NAPAP point source data are the Standard Industrial Classification (SIC) codes (Office of Management and Budget, 1972) for each installation. SICs were developed for use in the classification of establishments by type of activity in which they are engaged; for purposes of facilitating the collection, tabulation, presentation and analysis of data relating to establishments; and for promoting uniformity and comparability in the presentation of statistical data collected by various agencies of the United States Government and others. SICs are intended to cover the entire field of economic activities; these codes are applied at the establishment level and are widely used in the gathering of economic statistics.

A cross-reference list of point source SCC/SICs has been developed by the Environmental Protection Agency; there is not a one-to-one correspondence. As an example, Appendix A presents the list of SCCs that correspond to one SIC.

In order to facilitate the study of sources by fuel type, a hierarchical fuel code has been added to all SCCs that involve fuel use. Table 1 presents the current status of the fuel code values.

**Table 1
Fuel Codes**

100	Coal		400	Coke	
110	Anthracite		410	Coal coke	
120	Bituminous		420	Petroleum coke	
130	Sub-bituminous				
140	Lignite		500	Biomass	
			510	Wood	
200	Oil		520	Bagasse	
210	Residual		600	Waste	
220	Distillate		610	Solid waste	
230	Kerosene		620	Liquid waste	
240	Gasoline		630	Refuse-derived	
250	Liquefied petroleum				
fuel			700	Propellant	
260	Diesel		710	Solid	
270	Aircraft fuel		720	Liquid	
280	Waste Oil		730	Geothermal	
300	Gas		990	Other, not classified	
310	Natural				
320	Process				

Initial Studies

The initial task of this project has been a study of the emissions and activity rate data for SO₂, NO_x and VOC sources. Approximately 91% of the SO₂ emissions in the U.S. are from point sources; for NO_x approximately 46% of the U.S. emissions and for VOCs approximately 10% of the U.S. emissions are from point sources (Saeger et al, 1989). Data on activity rates and emission factors are included in the point source emissions data files; the area source emissions file includes the emission factors but not the activity data, which must be derived.

An overall picture of point source emissions is presented in Appendix B, which includes a summary of point source emissions by broad SIC categories. Over 75% of both SO₂ and NO_x emissions from point sources are generated by the Electric, Gas and Sanitary Services sector (4900 ≤ SIC < 5000), while VOC emissions from point sources are predominantly from three sectors: Miscellaneous Manufacturing, Chemicals and Allied Products (~25% each) and Petroleum and Coal Products (~20%).

Appendix C presents tables of point source emissions of SO₂, NO_x and VOC by fuel code. Emissions from sources with missing values for their activity rates were totaled separately, and percentages represented by these points are also included in these Tables. For SO₂, approximately 88% of the point source emissions result from fuel combustion processes; approximately 73% of the emissions result from the combustion of bituminous coal. Emissions from sources with missing activity rate data account for approximately 6% of the total point source emissions. For NO_x, approximately 73% of the point source

emissions result from fuel combustion processes; approximately 55% of the emissions result from the combustion of bituminous coal. Emissions from sources with missing activity rate data account for approximately 12% of the total point source emissions. For VOCs, 9% of the point source emissions result from fuel combustion processes; emissions from sources with missing activity rate data account for approximately 23% of the total point source emissions.

Appendix D presents currently available information for area sources. Table D-2 presents area source emissions by fuel type. Over 99% of the area source SO_2 emissions and over 98% of the area source NO_x emissions are related to fuel combustion; for VOCs, this number drops to approximately 57%. Table D-3 presents the area source emissions by SCC. Use of light duty gasoline vehicles (automobiles and light trucks, SCC 27 to 30) accounts for approximately 30% of the NO_x emissions and approximately 27% of the VOC emissions from area sources. SCC 27, which includes light duty vehicles over limited access roads, accounts for approximately 18% of the area source NO_x emissions and 12% of the area source VOC emissions. Other high NO_x -emitting area sources include industrial use of natural gas (~11%); other high VOC-emitting area sources include miscellaneous non-industrial solvent use (~9%), residential wood combustion (~7%), light duty vehicles over urban roads and over rural roads (~6% each) and storage and disposal facilities at hazardous waste treatment plants (~6%). Industrial use of bituminous coal accounts for approximately 18% of the area source SO_2 emissions, industrial use of residual oil accounts for approximately 12% of these emissions. Activity rates for area sources were not archived with the NAPAP inventory; alternative derivations of such data will be studied as part of future activities of this project.

Appendix E presents tables of point source emissions of SO_2 , NO_x and VOC by SCC, with corresponding activity rates. Approximately 46% of the point source SO_2 emissions and approximately 33% of the point source NO_x emissions originate with SCC 10100202, external combustion, dry bottom boilers, electric generation, pulverized bituminous coal. VOC emissions from individual SCCs do not exceed approximately 3% of the total emissions for point sources. Emissions from points with missing values for their activity rates were totaled separately, and percentages represented by these points are also included in these tables.

Appendix F presents tables of the emissions of SO_2 , NO_x and VOC by individual SIC code. Approximately 75% of the point source SO_2 emissions and approximately 70% of the point source NO_x emissions are generated by sources with SIC 4911, electric, gas and sanitary services. Approximately 15% of the point source VOC emissions are generated by sources with SIC 2911, petroleum refining.

Link to Models of Economic Activity

Since the fuel used is measured in different units, depending on the type of fuel burned, a uniform measure of activity rates is desired which can also be used in conjunction

with economic data. Heat content of fuel burned is a data item included in emissions inventory, and is also used in economic data. The next task of this project was to study the availability and completeness of the fuel heat content data in the NAPAP inventory, and to develop preliminary assessments of its relationship to emissions.

Fuel heat content data were either present, missing or set to zero. Since this last case could indicate either special circumstances, or more likely, be another flag for missing data, it was studied separately. All SCC codes indicating fuel burning activities were selected; Table G-1 in Appendix G presents tables of point source emissions of SO₂, NO_x and VOC by SCC, with emissions from sources with missing fuel heat content data or with a value of zero in this field totaled separately. Overall, 9.91% of the SO₂ emissions, 11.77% of the NO_x emissions and 30.21% of the VOC emissions come from sources with missing data for the fuel heat content. An additional 0.87% of the SO₂ emissions, 1.19% of the NO_x emissions and 16.33% of the VOC emissions come from sources where the fuel heat content has been set to zero. For the major SCC emitter, SCC 10100202 (external combustion, dry bottom boilers, electric generation, pulverized bituminous coal), 10.60% of the SO₂ emissions and 12.65% of the NO_x emissions come from sources with missing fuel heat content data.

Table G-2 in Appendix G presents preliminary statistics on fuel heat content data, by SCC. The table presents the maximum, minimum and average fuel heat content, and the maximum, minimum and average SO₂ and NO_x emissions per heat content unit. High emission rates/10⁶ BTUs are found for SCCs 10200201 (external combustion boilers, industrial, bituminous pulverized coal, wet bottom), 10200202 (external combustion boilers, industrial, bituminous pulverized coal, dry bottom) and 10200401 (external combustion boilers, industrial, residual grade 6 oil). Further studies are planned.

Continuing Tasks

A) Activity rate data for area sources.

As previously mentioned, activity rates used for the calculation of area source emissions were not archived as part of the NAPAP 1985 Version 2 inventory. Current investigations are directed towards finding other sources from which to estimate these data.

B) Default fuel parameters.

The NAPAP emissions inventory project developed tables of default fuel parameters. These tables will be requested from NAPAP personnel, studied and if appropriate, used to supplement the information described above.

C) Links to data bases of economic activity.

Additional databases containing emissions, operating data and/or economic activity data are available from other government agencies and the private sector. However, major

problems can be encountered when attempting to select and merge data from different sources; the most vexing of which include cross-referencing individual sources, problems of confidentiality of certain data items, differences in base years used to compile the information. This project will study the availability and suitability of data from several as yet to be determined outside sources, evaluate the resources needed to compile the needed information, and further develop the work plan for future work for this project.

References

- Office of Air Quality Planning and Standards (OAQPS). 1990. AIRS Facility Subsystem: Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants. EPA 450/4-90-003, U.S. Environmental Protection Agency, Research Triangle Park, N.C.
- Office of Management and Budget. 1972. Standard Industrial Classification Codes. Executive Office of the President, Washington, D.C.
- Saeger, M., Langstaff, J., Walters, R., Modica, L., Zimmerman, D., Fratt, D. Dulleba, D., Ryan, R., Demmy, J., Tax, W., Sprague, D., Mudgett, D. and Werner, A.S. 1989. The 1985 NAPAP Emissions Inventory (Version 2): Development of the Annual Data and Modelers' Tape. EPA-600/7-89-012a, U.S. Environmental Protection Agency, Research Triangle Park, N.C.

Appendix A

Sample SIC/SCC Listing

SIC	Description			
4911	ELECTRIC, GAS AND SANITARY SERVICES			
SCC	Short Description			Units
10100101	External Combustion Boilers	Electric Generation	Tons Burned	
10100102	External Combustion Boilers	Electric Generation	Tons Burned	
10100201	External Combustion Boilers	Electric Generation	Tons Burned	
10100202	External Combustion Boilers	Electric Generation	Tons Burned	
10100203	External Combustion Boilers	Electric Generation	Tons Burned	
10100204	External Combustion Boilers	Electric Generation	Tons Burned	
10100205	External Combustion Boilers	Electric Generation	Tons Burned	
10100212	External Combustion Boilers	Electric Generation	Tons Burned	
10100217	External Combustion Boilers	Electric Generation	Tons Burned	
10100221	External Combustion Boilers	Electric Generation	Tons Burned	
10100222	External Combustion Boilers	Electric Generation	Tons Burned	
10100223	External Combustion Boilers	Electric Generation	Tons Burned	
10100224	External Combustion Boilers	Electric Generation	Tons Burned	
10100225	External Combustion Boilers	Electric Generation	Tons Burned	
10100226	External Combustion Boilers	Electric Generation	Tons Burned	
10100301	External Combustion Boilers	Electric Generation	Tons Burned	
10100302	External Combustion Boilers	Electric Generation	Tons Burned	
10100303	External Combustion Boilers	Electric Generation	Tons Burned	
10100304	External Combustion Boilers	Electric Generation	Tons Burned	
10100306	External Combustion Boilers	Electric Generation	Tons Burned	
10100401	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10100404	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10100405	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10100406	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10100501	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10100504	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10100505	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10100601	External Combustion Boilers	Electric Generation	Million Cubic Feet B	
10100602	External Combustion Boilers	Electric Generation	Million Cubic Feet B	
10100604	External Combustion Boilers	Electric Generation	Million Cubic Feet B	
10100701	External Combustion Boilers	Electric Generation	Million Cubic Feet B	
10100702	External Combustion Boilers	Electric Generation	Million Cubic Feet B	
10100801	External Combustion Boilers	Electric Generation	Tons Burned	
10100901	External Combustion Boilers	Electric Generation	Tons Burned	
10100902	External Combustion Boilers	Electric Generation	Tons Burned	
10100903	External Combustion Boilers	Electric Generation	Tons Burned	
10101001	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10101002	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10101101	External Combustion Boilers	Electric Generation	Tons Burned	
10101201	External Combustion Boilers	Electric Generation	Tons Burned	
10101202	External Combustion Boilers	Electric Generation	Tons Burned	
10101301	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
10101302	External Combustion Boilers	Electric Generation	1000 Gallons Burned	
20100101	Internal Combustion Engines	Electric Generation	1000 Gallons Burned	
20100102	Internal Combustion Engines	Electric Generation	1000 Gallons Burned	
20100201	Internal Combustion Engines	Electric Generation	Million Cubic Feet B	
20100202	Internal Combustion Engines	Electric Generation	Million Cubic Feet B	
20100702	Internal Combustion Engines	Electric Generation	Million Cubic Feet B	
20100801	Internal Combustion Engines	Electric Generation	Million Cubic Feet B	
20100802	Internal Combustion Engines	Electric Generation	Million Cubic Feet B	
20100901	Internal Combustion Engines	Electric Generation	1000 Gallons Burned	
20100902	Internal Combustion Engines	Electric Generation	1000 Gallons Burned	

Appendix A

Sample SIC/SCC Listing

SIC	Description			
SCC	Short Description			Units
4911	ELECTRIC, GAS AND SANITARY SERVICES			
20101001	Internal Combustion Engines	Electric Generation		Tons of Steam Produc
20190099	Internal Combustion Engines	Miscellaneous		1000 Gallons Burned

Appendix B

Point Sources by SIC Groups

SIC CLASS	No. Points	%	SO ₂ tons/yr	%	NO _x tons/yr	%	VOC tons/yr	%
Not known	2,797	3.87	7,962	.04	8,395	.09	25,629	1.19
Agriculture, Forestry and Fishing	176	.24	1,466	.01	2,964	.03	1,905	.09
Mining	8,761	12.12	378,550	1.80	416,869	4.41	40,622	1.88
Construction	26	.04	30	.00	1,189	.01	714	.03
Misc Manufacturing	16,147	22.35	1,343,058	6.37	712,904	7.55	537,970	24.96
Chemicals & Allied Products	10,710	14.82	758,113	3.60	523,554	5.54	534,463	24.80
Petroleum & Coal Products	10,726	14.84	737,195	3.50	345,500	3.66	419,047	19.44
Metal Industries	6,536	9.04	1,246,205	5.91	193,287	2.05	140,608	6.52
Equipment Manufacturing	4,055	5.61	127,555	.61	61,169	.65	265,895	12.34
Transportation	647	.90	21,390	.10	18,043	.19	20,629	.96
Electric, Gas & Sanitary Services	7,270	10.06	16,282,362	77.28	7,096,703	75.15	70,228	3.26
Others	4,410	6.10	166,724	.79	63,403	.67	97,685	4.53
Totals			21,070,610		9,443,980		2,155,395	

SIC Classes as follows:

0001 ≤ SIC < 1000	'Agriculture, Forestry and Fishing'
1000 ≤ SIC < 1500	'Mining'
1500 ≤ SIC < 2000	'Construction'
2000 ≤ SIC < 2800	'Misc Manufacturing'
2800 ≤ SIC < 3100	'Chemicals & Allied Products'
3100 ≤ SIC < 3300	'Petroleum & Coal Products'
3300 ≤ SIC < 3500	'Metal Industries'
3500 ≤ SIC < 3800	'Equipment Manufacturing'
3800 ≤ SIC < 4000	'Transportation'
4000 ≤ SIC < 4900	'Electric, Gas & Sanitary Services'
4900 ≤ SIC < 5000	'Others'
All others	

Appendix C
Point Source Emissions by Fuel Code

A) SO₂

Fuel Code	Total Points	Emissions	% Total	Missing Points	Emiss Miss Ac	% Fuel Emiss	% Tot Emiss
---	---	-----	-----	-----	-----	-----	-----
	4,076	2,448,669	11.62	852	443,908	18.13	2.11
110	82	36,560	0.17	0			
120	3,208	15,339,366	72.8	24	78,195	0.51	0.37
130	220	791,764	3.76	8	108,347	13.68	0.51
140	67	677,282	3.21	15	363,933	53.73	1.73
150	11	4,643	0.02	0			
200	372	80,192	0.38	20	2,694	3.36	0.01
210	4,155	1,071,373	5.08	53	15,364	1.43	0.07
220	1,627	102,833	0.49	53	10,017	9.74	0.05
230	25	451	< .01	1	3	0.67	<.01
240	16	250	< .01	0			
250	29	109	< .01	0			
260	20	227	< .01	1	1	0.44	<.01
270	40	203	< .01	0			
300	1,312	61,337	0.29	554	27,318	44.54	0.13
310	1,618	111,303	0.53	365	43,965	39.5	0.21
320	798	149,163	0.71	201	64,076	42.96	0.3
400	325	136,780	0.65	16	12,239	8.95	0.06
510	620	15,370	0.07	11	5,681	36.96	0.03
520	14	170	< .01	0			
600	8	110	< .01	2	14	12.73	<.01
610	146	12,388	0.06	38	7,947	64.15	0.04
620	85	12,368	0.06	4	2,036	16.46	0.01
700	1	1	< .01	0			
990	24	17,698	0.08	8	8,213	46.41	0.04
Tot	18,899	21,070,610		2,226	1,193,951		
% Tot				11.78	5.67		

Emissions in tons/year.

Missing Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% Fuel Emiss = % of emissions from fuel category represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix C

Point Source Emissions by Fuel Code

B) NO_x

Fuel Code	Tot Pts	Emiss	% Tot	Missing Points	Emiss Miss Ac	% Fuel Emiss	% Tot Emiss
---	-----	-----	-----	-----	-----	-----	-----
	5,003	684,239	7.25	1,506	219,372	32.06	2.32
110	80	18,672	.20	1	2,922	15.65	.03
120	3,043	5,187,389	54.93	18	45,390	.88	.48
130	219	832,015	8.81	8	60,254	7.24	.64
140	68	404,774	4.29	16	212,662	52.54	2.25
150	45	2,635	.03	1	218	8.27	.00
200	402	29,421	.31	39	1,613	5.48	.02
210	4,044	346,040	3.66	56	7,752	2.24	.08
220	1,660	85,612	.91	66	13,582	15.86	.14
230	26	945	.01	1	3	.32	.00
240	59	2,727	.03	0			
250	69	1,364	.01	0			
260	28	3,257	.03	1	5	.15	< .01
270	48	1,931	.02	2	11	.57	< .01
300	2,185	108,234	1.15	1,157	58,059	53.64	.61
310	10,448	1,464,364	15.51	2,322	457,538	31.24	4.84
320	1,292	125,946	1.33	307	41,629	33.05	.44
400	307	28,281	.30	14	1,262	4.46	.01
510	793	90,672	.96	17	9,814	10.82	.10
520	45	1,690	.02	0			
600	8	573	.01	2	88	15.36	< .01
610	196	9,858	.10	47	2,855	28.96	.03
620	82	12,014	.13	5	283	2.36	< .01
700	1	13	.00	0			
990	31	1,324	.01	12	804	60.73	.01
---	-----	-----	-----	-----	-----	-----	-----
Tot	30,182	9,443,980		5,598	1,136,116		
% Tot				18.55	12.03		

Emissions in tons/year.

Missing Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% Fuel Emiss = % of emissions from fuel category represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix C

Point Source Emissions by Fuel Code

C) VOC

Fuel Code	Total Points	Emissions	% Total	Missing Points	Emiss Miss Ac	% Fuel Emiss	% Tot Emiss
-----	-----	-----	-----	-----	-----	-----	-----
	21,950	1,953,091	90.61	7,594	459,069	23.50	21.30
110	27	403	.02	1	258	64.02	.01
120	2,191	35,055	1.63	10	382	1.09	.02
130	186	5,005	.23	4	259	5.17	.01
140	35	6,633	.31	14	4,473	67.44	.21
150	42	24,829	1.15	0			
200	176	2,802	.13	27	217	7.74	.01
210	1,558	12,278	.57	30	153	1.25	.01
220	503	4,262	.20	37	343	8.05	.02
230	20	98	< .01	1	12	12.24	< .01
240	66	4,058	.19	0			
250	16	28	< .01	0			
260	19	179	.01	0			
270	42	1,855	.09	4	323	17.41	.01
300	442	4,057	.19	245	3,035	74.81	.14
310	3,555	32,994	1.53	813	8,077	24.48	.37
320	641	10,992	.51	138	3,360	30.57	.16
400	290	18,568	.86	12	867	4.67	.04
510	782	33,360	1.55	15	3,383	10.14	.16
520	37	1,532	.07	0			
600	6	19	.00	0			
610	89	535	.03	11	109	18.63	.01
620	25	798	.04	5	112	14.04	.01
700	1	12	< .01	0			
990	40	1,852	.09	21	640	34.56	.03
-----	-----	-----	-----	-----	-----	-----	-----
Tot	32,739	2,155,395		8,982	485,072		
% Tot				27.44	22.51		

Emissions in tons/year.

Missing Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% Fuel Emiss = % of emissions from fuel category represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix D

Table D-1

Source Classification Codes (SCC) for Area Sources

SCC	Description
1	Residential Fuel - Anthracite Coal
2	Residential Fuel - Bituminous Coal
3	Residential Fuel - Distillate Oil
4	Residential Fuel - Residual Oil
5	Residential Fuel - Natural Gas
6	Residential Fuel - Wood
7	Commercial/institutional - Anthracite Coal
8	Commercial/institutional - Bituminous Coal
9	Commercial/institutional - Distillate Oil
10	Commercial/institutional - Residual Oil
11	Commercial/institutional - Natural Gas
12	Commercial/institutional - Wood
13	Industrial Fuel - Anthracite Coal
14	Industrial Fuel - Bituminous Coal
15	Industrial Fuel - Coke
16	Industrial Fuel - Distillate Oil
17	Industrial Fuel - Residual Oil
18	Industrial Fuel - Natural Gas
19	Industrial Fuel - Wood
20	Industrial Fuel - Industrial Process Gas
21	Incineration - Residential
22	Incineration - Industrial
23	Incineration - Commercial/institutional
24	Open Burning - Residential
25	Open Burning - Industrial
26	Open Burning - Commercial/institutional
27	Light Duty Vehicles - Limited Access
28	Light Duty Vehicles - Rural
29	Light Duty Vehicles - Suburban
30	Light Duty Vehicles - Urban
31	Medium Duty Gas Vehicles - Limited Access
32	Medium Duty Gas Vehicles - Rural
33	Medium Duty Gas Vehicles - Suburban
34	Medium Duty Gas Vehicles - Urban
35	Heavy Duty Gas Vehicles - Limited Access
36	Heavy Duty Gas Vehicles - Rural
37	Heavy Duty Gas Vehicles - Suburban
38	Heavy Duty Gas Vehicles - Urban
39	Off-highway Gas Vehicles
40	Heavy Duty Diesel Vehicles - Limited Access
41	Heavy Duty Diesel Vehicles - Rural
42	Heavy Duty Diesel Vehicles - Suburban
43	Heavy Duty Diesel Vehicles - Urban
44	Off-highway Diesel Vehicles
45	Railroad Locomotives
46	Aircraft - Military
47	Aircraft - Civil
48	Aircraft - Commercial
49	Vessels - Coal Powered
50	Vessels - Diesel
51	Vessels - Residual Oil
52	Vessels - Gasoline
54	Gasoline Marketed

Appendix D

Table D-1

Source Classification Codes (SCC) for Area Sources

SCC	Description
56	Unpaved Airports Lto's
57	Construction Sites
58	Miscellaneous Wind Erosion
59	Agricultural Tilling
60	Forest Fires
61	Managed Burning
62	Agricultural Field Burning
63	Orchard Heaters
64	Structural Fires
66	Not Used
67	Not Used
68	Not Used
69	Not Used
70	Not Used
71	Manure Field Application - Beef Cattle
72	Manure Field Application - Dairy Cows
73	Manure Field Application - Hogs And Pigs
74	Manure Field Application - Broilers
75	Manure Field Application - Other Chickens
76	Anhydrous Nh3 Fertilizer Application
77	Beef Cattle Feed Lots
78	Degreasing
79	Drycleaning
80	Graphics Arts
81	Rubber And Plastics Manufacturing
82	Architectural Coating
83	Auto Body Repair
84	Motor Vehicle Manufacturing
85	Paper Coating
86	Fabricated Metals
87	Machinery Manufacturing
88	Furniture Manufacturing
89	Flat Wood Products
90	Other Transportation Equipment Manufacturing
91	Electrical Equipment Manufacturing
92	Ship Building And Repair
93	Miscellaneous Industrial Manufacturing
95	Miscellaneous Non-industrial Solvent Use
96	Utility Area Sources - Coal Fired Plants
97	Utility Area Sources - Oil Fired Plants
98	Utility Area Sources - Natural Gas Fired Plants
99	Minor Area Sources
100	Publicly-Owned Treatment Works (POTW)
101	Cutback Asphalt Paving Operation
102	Fugitive Emiss from Synthetic Org Chem Manufact
103	Bulk Terminals and Bulk Plants
104	Fugitive Emiss from Petrol Refining Operations
105	Process Emiss from Bakeries
106	Process Emiss from Phamaceutical Manufact
107	Process Emiss from Synthetic-fibers Manufact
108	Crude Oil and Natural Gas Production Fields
109	Haz Waste Treat, Storage and Disposal Facilities

Appendix D

Table D-2

Area Source Emissions by Fuel Type

Fuel Code	Emissions (tons/year)		
	SO ₂	NO _x	VOC
	14,730	193,830	8,555,434
100	5,949	964	648
110	23,312	6,361	2,806
120	407,275	138,957	8,286
200	6,338	3,063	121
210	476,000	100,202	3,361
220	268,595	176,737	10,364
240	277,281	5,158,233	9,017,405
260	432,316	3,528,042	594,130
270	14,112	125,633	184,257
310	2,767	1,551,512	17,250
320	77	86	1
400	190	49	0
510	28,293	81,009	1,459,566
610	6,290	10,278	58,290
Totals	1,963,525	11,074,956	19,911,919

Appendix D
Table D-3
Area Source Emissions by SCC

SCC	Fuel Code	Emissions (tons/year)		
		SO ₂	NO _x	VOC
1	110	7,676	814	2,790
2	120	29,517	2,116	7,454
3	220	128,237	75,001	5,720
4	210	526	66	3
5	310	1,218	248,342	0
6	510	10,999	80,731	1,459,463
7	110	15,529	5,495	16
8	120	24,507	6,379	223
9	220	85,699	51,919	1,476
10	210	103,631	31,361	912
11	310	530	115,941	2,713
12	510	0	0	0
13	110	107	52	0
14	120	353,251	130,462	609
15	400	190	49	0
16	220	54,659	49,817	3,168
17	210	236,039	46,460	400
18	310	744	1,176,873	13,453
19	510	17,294	278	103
20	320	77	86	1
21	610	1,365	3,005	56,510
22	610	328	328	270
23	610	4,597	6,945	1,510
24		8,279	57,331	302,174
25		61	1,388	5,785
26		11	182	1,352
27	240	107,759	1,949,312	2,311,708
28	240	48,117	894,873	1,107,363
29	240			
30	240	29,269	524,187	1,199,566
31	240	40,369	764,262	997,025
32	240	19,473	382,230	520,436
33	240			
34	240	9,103	173,818	432,437
35	240	8,073	179,139	285,713
36	240	3,740	82,505	138,658
37	240			
38	240	1,932	35,549	109,909
39	240	6,190	153,497	500,125
40	260	112,670	886,309	95,876
41	260	65,094	456,737	55,226
42	260			
43	260	65,094	482,127	108,509
44	260	82,621	994,193	161,631
45	260	90,996	590,435	143,321
46	270	4,766	37,357	93,375
47	270	998	10,495	30,657
48	270	8,348	77,781	60,225
49	100	3,648	177	589
50	260	15,841	118,241	29,567
51	210	135,804	22,315	2,046
52	240	3,256	18,861	415,491
54	240			998,974
56				

Appendix D
Table D-3
Area Source Emissions by SCC

SCC	Fuel Code	Emissions (tons/year)		
		SO ₂	NO _x	VOC
57				
58				
59				
60		1,202	33,565	161,471
61		3,029	81,981	293,059
62			8,446	54,978
63				
64			5,401	44,422
66				
67				
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				335,531
79				252,981
80				185,942
81				378,255
82				456,202
83				227,445
84				32,668
85				241,352
86				71,123
87				37,193
88				89,553
89				17,702
90				3,553
91				10,641
92				7,096
93				575,618
95				1,708,780
96	100	2,301	787	59
97	200	6,338	3,063	121
98	310	275	10,356	1,084
99		2,148	5,536	34,000
100				10,131
101				191,922
102				169,482
103				385,870
104				727,891
105				49,993
106				35,102
107				191,559
108				93,816
109				1,170,792
Totals		1,963,525	11,074,956	19,911,919

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

	SCC	Total Miss	Activity	Emiss	%	Emiss	% SCC	% Tot
		Points	Rate		Total	Miss AC	Emiss	Emiss
10100101	10	0	1,811,868	22,333	.11			
10100102	2	0	1,874	36	<.01			
10100201	99	1	57,824,163	1,426,154	6.77	26,041	1.83	.12
10100202	726	3	347,041,200	9,639,157	45.75	23,170	.24	.11
10100203	83	0	38,232,907	1,818,798	8.63			
10100204	66	0	2,179,336	107,582	.51			
10100205	25	0	670,250	22,534	.11			
10100212	82	1	39,723,274	1,058,920	5.03	12,040	1.14	.06
10100217	1	0	25,509	31	<.01			
10100221	13	3	5,877,259	55,442	.26	22,444	40.48	.11
10100222	83	0	73,951,623	388,162	1.84			
10100223	6	0	3,746,612	52,294	.25			
10100224	18	0	563,952	6,976	.03			
10100225	6	5	47,518	86,114	.41	85,903	99.75	.41
10100226	22	0	23,203,768	172,658	.82			
10100301	24	7	15,247,620	397,584	1.89	202,504	50.93	.96
10100302	6	5	190,341	88,190	.42	86,734	98.35	.41
10100303	5	0	9,627,846	106,084	.50			
10100304	1	1		29,905	.14	29,905	100.00	.14
10100306	5	0	448,909	5,962	.03			
10100401	383	0	4,957,947	459,189	2.18			
10100404	50	0	1,288,928	116,633	.55			
10100405	1	0	174,132	21,700	.10			
10100406	1	0	3,761	13	<.01			
10100501	497	12	293,603	54,382	.26	1,123	2.07	.01
10100504	47	0	27,820	1,042	<.01			
10100505	24	0	13,383	502	<.01			
10100601	282	76	1,229,777	3,574	.02	1,683	47.09	.01
10100602	24	20	9,403	2,232	.01	2,191	98.16	.01
10100604	39	14	194,709	626	<.01	116	18.53	<.01
10100701	12	4	13,682	146	<.01	20	13.70	<.01
10100702	2	1	34	15	<.01	7	46.67	<.01
10100801	9	0	306,355	18,906	.09			
10100901	3	0	126,648	20	<.01			
10100902	14	0	2,024,835	169	<.01			
10100903	10	0	364,346	38	<.01			
10101201	1	0	628,822	121	<.01			
10101301	2	2		2,026	.01	2,026	100.00	.01
10101302	3	0	75	7	<.01			
10200101	2	0	185,036	9,099	.04			
10200104	24	0	213,300	1,872	.01			
10200107	1	0	563	10	<.01			
10200201	64	0	3,699,665	101,369	.48			
10200202	321	1	17,373,148	408,855	1.94	390	.10	<.01
10200203	21	0	1,901,634	81,760	.39			
10200204	714	2	11,344,332	321,774	1.53	3,080	.96	.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
10200205	196 6	2,434,954	97,042	.46	8,815	9.08	.04
10200206	134 0	959,807	18,090	.09			
10200210	7 0	105,227	1,518	.01			
10200212	12 0	666,071	9,504	.05			
10200217	5 0	249,899	5,438	.03			
10200219	16 0	646,935	12,128	.06			
10200221	1 0	10,353	83	<.01			
10200222	5 0	411,684	4,233	.02			
10200224	24 0	808,296	9,902	.05			
10200225	22 0	300,334	8,396	.04			
10200301	3 2	96,408	45,759	.22	44,790	97.88	.21
10200303	1 0	35,000	341	<.01			
10200306	13 0	337,532	2,412	.01			
10200401	2008 40	3,153,094	345,975	1.64	5,557	1.61	.03
10200402	829 5	1,030,843	39,312	.19	114	.29	<.01
10200403	75 1	29,312	2,617	.01	9	.34	<.01
10200404	75 3	52,600	5,715	.03	78	1.36	<.01
10200405	4 0	8,692	1,655	.01			
10200501	328 27	221,696	12,649	.06	4,543	35.92	.02
10200502	93 3	53,040	2,065	.01	108	5.23	<.01
10200503	21 0	7,797	788	<.01			
10200504	66 3	24,362	3,736	.02	1,856	49.68	.01
10200601	295 93	300,453	23,253	.11	13,792	59.31	.07
10200602	218 48	83,822	8,696	.04	2,647	30.44	.01
10200603	21 5	4,964	264	<.01	112	42.42	<.01
10200604	6 3	711	309	<.01	20	6.47	<.01
10200701	254 13 1	100,545	41,553	.20	26,778	64.44	.13
10200704	21 1	161,603	5,980	.03	3,903	65.27	.02
10200707	120 1	89,967	17,639	.08	117	.66	<.01
10200710	3 0	5,459	27	<.01			
10200799	88 32	1,942,472	40,469	.19	17,588	43.46	.08
10200802	13 1	390,207	2,247	.01	47	2.09	<.01
10200804	5 0	619,607	9,665	.05			
10200901	93 2	17,165,502	6,853	.03	5,098	74.39	.02
10200902	296 3	25,305,131	5,616	.03	362	6.45	<.01
10200903	128 2	5,196,004	1,062	.01	187	17.61	<.01
10200904	3 0	70,352	4	<.01			
10200905	20 0	367,665	46	<.01			
10200906	10 0	176,338	16	<.01			
10200907	8 0	1,515,134	1,447	.01			
10201002	5 0	3,457	27	<.01			
10201101	14 0	282,010	170	<.01			
10201201	24 1	1,827,881	2,633	.01	290	11.01	<.01
10201301	48 1	1,102,406	8,818	.04	2	.02	<.01
10201302	27 1	17,725	1,351	.01	8	.59	<.01
10201401	2 0	229	9	<.01			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
<hr/>							
10201402	5 2	4,161	4,292	.02	857	19.97	<.01
10201403	2 0	6,419	3,836	.02			
10201404	3 0	76,762	376	<.01			
10300101	2 0	17,459	82	<.01			
10300102	34 0	144,200	2,605	.01			
10300103	5 0	13,412	346	<.01			
10300205	9 0	80,380	1,165	.01			
10300206	23 1	351,284	7,618	.04	201	2.64	<.01
10300207	158 0	962,731	40,370	.19			
10300208	67 0	282,419	6,175	.03			
10300209	183 3	1,619,747	50,362	.24	51	.10	<.01
10300211	5 0	9,800	344	<.01			
10300214	4 0	7,397	213	<.01			
10300217	2 0	23,329	183	<.01			
10300222	4 0	80,393	555	<.01			
10300224	5 0	55,857	726	<.01			
10300225	11 0	148,750	6,223	.03			
10300309	8 0	138,596	973	<.01			
10300401	457 0	384,273	36,812	.17			
10300402	60 0	45,171	4,570	.02			
10300403	3 0	546	25	<.01			
10300404	16 0	6,955	964	<.01			
10300501	59 1	25,943	2,041	.01	26	1.27	<.01
10300502	5 0	3,621	136	<.01			
10300503	2 0	246	10	<.01			
10300504	48 1	37,131	3,074	.01	24	.78	<.01
10300601	14 4	29,930	131	<.01	8	6.11	<.01
10300602	28 0	19,415	549	<.01			
10300603	7 2	229	38	<.01	2	5.26	<.01
10300701	4 0	91,337	16	<.01			
10300799	1 0	6,155	1	<.01			
10300901	1 0	49,001	4	<.01			
10300902	6 1	187,670	43	<.01	30	69.77	<.01
10300903	11 0	349,188	30	<.01			
10301201	6 0	622,488	300	<.01			
10500105	17 0	534,444	569	<.01			
10500106	4 0	32,506	13	<.01			
10500110	1 0	42	18	<.01			
10500205	7 0	6,807	147	<.01			
20100101	159 0	147,268	5,505	.03			
20100102	97 2	11,764	4,339	.02	37	.85	<.01
20100201	58 14	78,908	26,755	.13	765	2.86	<.01
20100202	16 6	12,932	150	<.01	6	4.00	<.01
20100901	20 0	7,322	30	<.01			
20200101	5 0	499	25	<.01			
20200102	44 2	12,904	289	<.01	15	5.19	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
20200103	2 0	9,700	68	<.01			
20200201	57 12	87,967	781	<.01	389	49.81	<.01
20200202	203 18	40,919	4,173	.02	3,717	89.07	.02
20200203	6 6		212	<.01	212	100.00	<.01
20200204	4 0	9,291	4	<.01			
20200301	5 0	619	14	<.01			
20200401	8 1	7,003	120	<.01	1	.83	<.01
20200501	8 0	2,425	671	<.01			
20200901	5 1	656	421	<.01	3	.71	<.01
20300101	13 0	24,670	1,692	.01			
20300201	18 0	5,572	26	<.01			
20300301	8 0	353	182	<.01			
20400101	40 0	20,137	203	<.01			
20400201	1 0	253	1	<.01			
20400301	2 2		22	<.01	22	100.00	<.01
20400401	3 0	20,400	54	<.01			
20400402	12 0	6,887	107	<.01			
28888802	11 0	1,719	215	<.01			
30100101	2 0	1,349	25	<.01			
30100305	3 0	205,195	4	<.01			
30100306	21 1	6,355,100	88	<.01	2	2.27	<.01
30100307	2 0	666,666	1,000	<.01			
30100309	1 0	218,400	3	<.01			
30100501	1 1		10	<.01	10	100.00	<.01
30100502	4 4		197	<.01	197	100.00	<.01
30100503	4 2	60,000	1,075	.01	33	3.07	<.01
30100504	35 5	483,723	3,959	.02	377	9.52	<.01
30100506	14 7	68,447	2,409	.01	168	6.97	<.01
30100507	46 12	916,278	15,183	.07	7,196	47.40	.03
30100508	4 4		642	<.01	642	100.00	<.01
30100509	25 19	0	4,013	.02	2,792	69.57	.01
30100599	10 2	51,636	540	<.01	28	5.19	<.01
30100601	3 0	97,353	4,012	.02			
30100604	1 0	1,304	18	<.01			
30100699	7 0	158,200	613	<.01			
30100801	1 0	720,000	18	<.01			
30100899	1 1		1	<.01	1	100.00	<.01
30100901	1 1		2	<.01	2	100.00	<.01
30100999	3 1	12,020	124	<.01	2	1.61	<.01
30101099	1 0	464	11	<.01			
30101101	1 0	85,980	1,540	.01			
30101202	4 1	125,254	271	<.01	8	2.95	<.01
30101299	2 1	95,000	120	<.01	72	60.00	<.01
30101302	1 1		2	<.01	2	100.00	<.01
30101601	1 0	292,553	3	<.01			
30101801	5 1	272,101	13	<.01	9	69.23	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total	Miss	Activity	Emiss	%	Emiss	% SCC	% Tot
	Points	Points	Rate		Total	Miss AC	Emiss	Emiss
30101802	1	1		1	<.01	1	100.00	<.01
30101821	1	1		1	<.01	1	100.00	<.01
30101842	1	0	553	1	<.01			
30101899	10	1	527,128	1,862	.01	5	.27	<.01
30101907	1	1		45	<.01	45	100.00	<.01
30102111	1	0	277,769	12	<.01			
30102199	2	0	5,680	30	<.01			
30102201	4	2	170,036	2,091	.01	1,802	86.18	.01
30102301	39	5	14,300,525	32,945	.16	3,735	11.34	.02
30102304	7	1	1,592,842	4,300	.02	670	15.58	<.01
30102306	15	2	3,462,965	13,551	.06	909	6.71	<.01
30102308	37	4	7,113,902	76,704	.36	12,580	16.40	.06
30102310	9	1	1,545,980	25,893	.12	1,683	6.50	.01
30102312	1	0	40,588	1,445	.01			
30102318	9	0	3,552,216	10,905	.05			
30102319	1	0	37,000	0	<.01			
30102321	5	1	2,036,000	93	<.01	13	13.98	<.01
30102322	2	1	243,000	46,930	.22	5,760	12.27	.03
30102399	4	2	437,372	2,302	.01	2,272	98.70	.01
30102401	1	1		133	<.01	133	100.00	<.01
30102410	2	0	52,500	2	<.01			
30102601	2	2		253	<.01	253	100.00	<.01
30102608	1	0	0	4,350	.02			
30102625	1	1		50	<.01	50	100.00	<.01
30102699	1	1		2	<.01	2	100.00	<.01
30102709	1	0	46,232	1	<.01			
30102711	1	0	211,344	1	<.01			
30102712	1	0	46,232	1	<.01			
30102723	1	0	46,232	1	<.01			
30102728	1	0	46,232	1	<.01			
30102801	2	0	310,253	13	<.01			
30102823	1	0	433,156	242	<.01			
30102906	2	0	365,001	218	<.01			
30102921	1	0	214,149	175	<.01			
30103001	8	0	1,207,286	1,490	.01			
30103002	3	0	380,979	51	<.01			
30103023	1	0	123,562	14	<.01			
30103201	26	12	154,728	32,566	.15	10,380	31.87	.05
30103202	38	14	663,753	30,296	.14	17,478	57.69	.08
30103203	10	2	94,538	5,278	.03	324	6.14	<.01
30103204	56	27	1,234,643	59,383	.28	27,516	46.34	.13
30103299	9	5	46,779	1,171	.01	510	43.55	<.01
30103399	9	0	1,861,545	707	<.01			
30103499	6	4	162,116	126	<.01	59	46.83	<.01
30103501	4	1	143,933	1,834	.01	147	8.02	<.01
30103503	4	0	507,494	248	<.01			

Emissions in tons/year. Activity rate in appropriate SCC units.
 Miss Points = Number of points with missing activity rates.
 Emiss Miss Ac = Emissions from points with missing activity rates.
 % SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
 % Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
30103599	10 2	1,339,319	3,600	.02	227	6.31	<.01
30104101	1 1		13	<.01	13	100.00	<.01
30106099	4 0	32,619	217	<.01			
30111201	1 0	84,497	239	<.01			
30111202	2 0	233,211	48	<.01			
30112599	1 1		3	<.01	3	100.00	<.01
30112699	1 0	3	57	<.01			
30113299	10 10		108	<.01	108	100.00	<.01
30113799	1 1		486	<.01	486	100.00	<.01
30116905	1 1		2	<.01	2	100.00	<.01
30119701	9 4	5,457,500	189	<.01	119	62.96	<.01
30119705	2 2		8	<.01	8	100.00	<.01
30119799	10 10		3,983	.02	3,983	100.00	.02
30120601	1 1		1	<.01	1	100.00	<.01
30125001	3 1	1,467,400	5	<.01	3	60.00	<.01
30125010	1 0	273,000	958	<.01			
30125401	1 1		25	<.01	25	100.00	<.01
30125405	4 3	132,500	3,250	.02	28	.86	<.01
30125499	1 0	48,593	6	<.01			
30125801	1 0	312	1	<.01			
30125802	1 1		1	<.01	1	100.00	<.01
30125899	3 3		3	<.01	3	100.00	<.01
30180001	1 1		1,945	.01	1,945	100.00	.01
30188801	9 1	338,493	50	<.01	1	2.00	<.01
30190003	10 9	48	1,908	.01	593	31.08	<.01
30190012	1 1		657	<.01	657	100.00	<.01
30190013	3 2	7	2,016	.01	1,016	50.40	<.01
30190099	35 12	1,688,344	39,615	.19	15,113	38.15	.07
30199998	3 3		225	<.01	225	100.00	<.01
30199999	142 50	4,793,176	47,817	.23	5,008	10.47	.02
30200101	1 1		6	<.01	6	100.00	<.01
30200201	1 1		6	<.01	6	100.00	<.01
30200202	1 1		1	<.01	1	100.00	<.01
30200754	2 0	85,356	33	<.01			
30200756	1 0	43,680	24	<.01			
30200782	1 0	11,980	7	<.01			
30200799	2 0	526,894	43	<.01			
30200901	1 0	375	7	<.01			
30200902	7 4	90,000	296	<.01	216	72.97	<.01
30201301	3 0	31,890	15	<.01			
30201401	1 0	76	76	<.01			
30201599	1 0	76,000	5	<.01			
30201601	20 0	8,356,568	1,912	.01			
30201699	2 0	62,162	7	<.01			
30201901	1 0	9,828	8	<.01			
30201999	1 1		33	<.01	33	100.00	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss AC = Emissions from points with missing activity rates.

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Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
-----	-----	-----	-----	-----	-----	-----	-----
30202002	5 0	300,500	37	<.01		1 100.00	<.01
30203299	1 1		1	<.01			
30203399	1 0	27,250	7	<.01		61 7.58	<.01
30299998	7 1	130,640	805	<.01			
30300002	1 0	1	1	<.01		307 .98	<.01
30300101	38 1	1,874,646	31,178	.15			
30300102	4 0	307,879	1,976	.01			
30300103	8 0	575,497	4,909	.02			
30300104	2 0	170,963	3,448	.02		212 6.57	<.01
30300105	23 2	1,840,454	3,227	.02			
30300107	8 0	602,806	741	<.01			
30300199	17 0	1,412,691	750	<.01		158 1.30	<.01
30300201	8 1	1,534,968	12,155	.06		9 .12	<.01
30300302	79 2	35,832,170	7,303	.03		1,606 11.90	.01
30300303	22 1	11,276,410	13,493	.06		195 5.90	<.01
30300304	15 1	7,448,561	3,304	.02		1,257 3.08	.01
30300306	60 1	20,155,913	40,815	.19			
30300308	21 0	9,164,840	326	<.01			
30300312	1 0	378,000	41	<.01		3,072 94.73	.01
30300313	7 3	1,203,913	3,243	.02			
30300314	7 0	4,485,248	115	<.01			
30300315	5 0	7,652,513	2,142	.01			
30300316	4 0	125,067	175	<.01			
30300399	2 0	1,724,471	2,062	.01			
30300401	3 0	405,008	1,599	.01		582 5.84	<.01
30300502	3 1	466,538	9,966	.05			
30300503	6 0	3,250,904	154,911	.74		1,370 .69	.01
30300504	8 1	1,042,384	198,324	.94			
30300507	1 0	413,391	130,000	.62			
30300510	1 0	200,375	2,835	.01			
30300512	2 0	1,409,690	106,481	.51			
30300521	1 0	108,384	7,385	.04			
30300524	1 0	93,798	3,648	.02			
30300528	1 0	108,384	886	<.01			
30300599	2 0	108,384	40,886	.19			
30300601	1 0	25,349	1	<.01			
30300602	1 0	110,000	111	<.01			
30300603	1 0	12,500	387	<.01			
30300604	3 0	93,426	880	<.01			
30300605	2 0	250,000	494	<.01			
30300699	8 0	2,011,574	7,554	.04			
30300701	1 0	148,138	92	<.01			
30300702	2 0	43,600	495	<.01		552 100.00	<.01
30300801	4 4		552	<.01			
30300811	1 0	2,555,450	470	<.01		1,176 3.48	.01
30300813	31 8	19,693,102	33,756	.16			

Emissions in tons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss AC = Emissions from points with missing activity rates.
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Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
-----	-----	-----	-----	-----	-----	-----	-----
30300817	5 0	4,045,754	279	<.01			
30300824	12 0	12,379,107	2,785	.01			
30300825	8 0	3,866,613	5,374	.03			
30300899	6 0	1,821,485	630	<.01			
30300901	3 0	5,681,771	1,159	.01			
30300904	49 0	4,991,731	1,747	.01			
30300908	5 0	802,625	281	<.01			
30300911	22 0	4,919,694	9,353	.04			
30300913	2 0	5,488,552	23	<.01			
30300916	2 0	4,260,797	42	<.01			
30300917	1 0	3,275,725	5	<.01			
30300918	1 0	2	5	<.01			
30300919	1 0	2	5	<.01			
30300921	1 0	2	5	<.01			
30300922	3 0	3,686,725	528	<.01			
30300931	5 0	5,190,855	2,162	.01			
30300933	35 3	13,431,414	6,483	.03	357	5.51	<.01
30300934	5 0	1,172,264	390	<.01			
30300935	1 0	838,119	201	<.01			
30300999	10 0	3,969,043	4,314	.02			
30301001	5 2	736,452	78,496	.37	5,671	7.22	.03
30301002	6 2	1,006,182	20,109	.10	1,306	6.49	.01
30301009	1 0	240,000	1	<.01			
30301023	1 0	131,600	169	<.01			
30301199	2 1	13,300	986	<.01	735	74.54	<.01
30301403	61 1	6,011,847	2,394	.01	15	.63	<.01
30301499	4 0	296,540	120	<.01			
30302312	75 0	31,949,327	870	<.01			
30302313	15 0	187,192	15	<.01			
30302314	2 0	5,850,274	671	<.01			
30303002	1 0	35,082	849	<.01			
30303003	2 0	472,552	5,175	.02			
30303005	3 0	1,954,037	1,104	.01			
30303007	2 2		258	<.01	258	100.00	<.01
30303099	1 1		256	<.01	256	100.00	<.01
30388801	1 0	10,000	12,060	.06			
30390003	2 2		1,370	.01	1,370	100.00	.01
30390024	1 0	2,423	615	<.01			
30399999	5 0	181,445	579	<.01			
30400102	69 68	1,820	3,459	.02	3,457	99.94	.02
30400103	12 1	547,475	236	<.01	1	.42	<.01
30400199	4 0	972,000	73	<.01			
30400207	1 0	2,021	1	<.01			
30400219	1 1		2	<.01	2	100.00	<.01
30400224	5 0	237,865	5	<.01			
30400301	103 8	5,195,933	2,182	.01	284	13.02	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
30400302	2 2		172	<.01	172	100.00	<.01
30400304	3 0	37,430	5	<.01			
30400305	1 1		9	<.01	9	100.00	<.01
30400320	13 1	5,770,728	113	<.01	53	46.90	<.01
30400351	4 0	37,483	7	<.01			
30400353	2 0	27,890	5	<.01			
30400371	1 0	211,000	34	<.01			
30400401	1 0	28,080	2	<.01			
30400402	14 4	216,553	10,258	.05	2,505	24.42	.01
30400403	22 5	332,772	10,186	.05	1,285	12.62	.01
30400407	1 0	81	3	<.01			
30400499	3 1	45,000	272	<.01	27	9.93	<.01
30400501	1 1		190	<.01	190	100.00	<.01
30400510	2 2		1,157	.01	1,157	100.00	.01
30400699	3 0	343,660	27	<.01			
30400701	5 1	676,340	70	<.01	21	30.00	<.01
30400702	4 4		88	<.01	88	100.00	<.01
30400704	10 1	176,384	11,973	.06	1	.01	<.01
30400708	1 0	50,095	1	<.01			
30400799	8 3	4,214,328	1,404	.01	316	22.51	<.01
30400802	1 0	22,205	849	<.01			
30400806	1 0	33,472	1,260	.01			
30400828	1 1		10	<.01	10	100.00	<.01
30400899	7 0	107,500	975	<.01			
30402001	2 0	207,353	2,794	.01			
30402004	18 2	622,723	608	<.01	89	14.64	<.01
30402099	5 0	370,351	577	<.01			
30490001	1 0	220	8	<.01			
30490003	2 0	82,233	24	<.01			
30499999	15 4	479,438	970	<.01	726	74.85	<.01
30500101	1 0	130,000	3	<.01			
30500102	1 0	31	9	<.01			
30500103	2 1	67,000	62	<.01	61	98.39	<.01
30500201	47 2	8,645,038	720	<.01	116	16.11	<.01
30500202	7 0	1,023,812	27	<.01			
30500203	1 0	464,000	783	<.01			
30500204	12 1	1,934,627	119	<.01	17	14.29	<.01
30500205	1 0	780,000	245	<.01			
30500206	1 0	1,000	1	<.01			
30500207	2 0	500	19	<.01			
30500208	1 0	1,249	45	<.01			
30500299	1 0	1,000	1	<.01			
30500301	3 0	275,195	6	<.01			
30500304	4 0	261,050	4	<.01			
30500307	1 0	231,000	120	<.01			
30500312	1 0	46,440	28	<.01			

Emissions in tons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss Ac = Emissions from points with missing activity rates.
% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO_x Emitters

SCC	Total	Miss	Activity	Emiss	%	Emiss	% SCC	% Tot
	Points	Points	Rate		Total	Miss AC	Emiss	Emiss
-----	-----	-----	-----	-----	-----	-----	-----	-----
30500313	8	5	204,000	1,299	.01	810	62.36	<.01
30500314	2	0	75,313	300	<.01			
30500316	9	0	62,440	288	<.01			
30500399	2	0	118,115	148	<.01			
30500401	1	0	111,800	167	<.01			
30500402	1	0	21,500	32	<.01			
30500501	2	0	105,491	9	<.01			
30500599	8	0	7,020	140	<.01			
30500606	132	20	44,069,546	109,150	.52	21,751	19.93	.10
30500613	2	2		144	<.01	144	100.00	<.01
30500699	6	1	4,073,009	3,203	.02	121	3.78	<.01
30500706	75	9	16,041,286	76,616	.36	22,874	29.86	.11
30500709	2	2		2,685	.01	2,685	100.00	.01
30500799	1	0	31,928	4	<.01			
30500801	23	0	2,378,140	1,217	.01			
30500802	2	0	300,000	1,110	.01			
30500899	1	0	240,000	35	<.01			
30500903	4	0	740,201	952	<.01			
30500999	2	0	369,720	437	<.01			
30501001	61	8	44,755,574	10,709	.05	1,618	15.11	.01
30501002	3	0	750,000	159	<.01			
30501004	2	2		1,536	.01	1,536	100.00	.01
30501007	1	0	100,000	78	<.01			
30501201	3	0	65,286	326	<.01			
30501202	11	0	214,678	1,112	.01			
30501203	8	0	216,194	203	<.01			
30501204	3	0	119,776	16	<.01			
30501205	1	0	0	8	<.01			
30501212	12	4	139,990	822	<.01	381	46.35	<.01
30501401	19	7	1,161,639	2,215	.01	862	38.92	<.01
30501402	120	4	6,612,757	11,777	.06	1,129	9.59	.01
30501403	23	6	2,397,263	3,617	.02	912	25.21	<.01
30501404	30	3	744,390	3,110	.01	35	1.13	<.01
30501410	1	0	68,759	71	<.01			
30501499	8	3	257,072	651	<.01	418	64.21	<.01
30501501	25	10	2,691,398	80	<.01	72	90.00	<.01
30501503	10	0	8,988,029	181	<.01			
30501511	2	0	619,000	8,524	.04			
30501512	2	0	298,783	572	<.01			
30501599	3	1	46,001	37	<.01	2	5.41	<.01
30501603	24	2	841,356	3,088	.01	293	9.49	<.01
30501604	80	8	12,497,725	18,647	.09	430	2.31	<.01
30501617	4	1	135,076	573	<.01	18	3.14	<.01
30501699	1	1		2,263	.01	2,263	100.00	.01
30501701	5	0	156,547	9	<.01			
30501801	1	0	835	83	<.01			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

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Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

	SCC	Total Miss	Activity	Emiss	%	Emiss	% SCC	% Tot
		Points	Rate		Total	Miss AC	Emiss	Emiss
30501899	3	3		411	<.01	411	100.00	<.01
30501901	7	0	7,768,037	1,617	.01			
30501905	10	0	7,105,894	3,034	.01			
30502008	1	1		6	<.01	6	100.00	<.01
30502012	10	5	421,000	6,184	.03	6,174	99.84	.03
30502401	3	0	109,605	253	<.01			
30502501	2	0	666,667	8	<.01			
30502699	1	0	124,118	1	<.01			
30503202	1	0	795,658	5	<.01			
30504002	2	2		286	<.01	286	100.00	<.01
30504033	4	1	167,318	27	<.01	23	85.19	<.01
30504099	2	0	66,477	25	<.01			
30515002	3	0	35,360	388	<.01			
30590002	2	0	938	134	<.01			
30599999	21	1	4,636,085	5,676	.03	217	3.82	<.01
30600101	21	0	350	4,762	.02			
30600102	181	39	65,896,411	3,360	.02	1,833	54.55	.01
30600103	350	20	11,425,617	75,171	.36	2,694	3.58	.01
30600104	1130	15	31,669,247	57,822	.27	25,485	44.07	.12
30600105	55	10	13,418	548	<.01	245	44.71	<.01
30600106	247	30	123,571	13,731	.07	951	6.93	<.01
30600107	21	0	69,755	60	<.01			
30600199	13	1	12	7,558	.04	21	.28	<.01
30600201	145	50	1,584,924	204,646	.97	53,364	26.08	.25
30600202	8	1	171,953	327	<.01	327	100.00	<.01
30600301	15	11	13,626	7,269	.03	4,146	57.04	.02
30600401	46	15	451,786	15,668	.07	7,743	49.42	.04
30600402	3	3		66	<.01	66	100.00	<.01
30600503	1	0	12,910	20	<.01			
30600504	1	0	9,348	1,060	.01			
30600603	6	5	853	110	<.01	59	53.64	<.01
30600801	2	2		220	<.01	220	100.00	<.01
30600805	5	1	76,862	12,089	.06	71	.59	<.01
30600902	1	1		22	<.01	22	100.00	<.01
30600903	4	2	164	2,456	.01	2,165	88.15	.01
30600904	19	12	381,594	17,798	.08	11,543	64.86	.05
30600999	21	13	2,464	8,703	.04	2,432	27.94	.01
30601001	1	0	1,572	135	<.01			
30601101	3	2	220,820	91	<.01	90	98.90	<.01
30601201	7	1	44,606	26,920	.13	1,647	6.12	.01
30601401	16	7	1,033,717	12,561	.06	6,053	48.19	.03
30609902	2	2		8,927	.04	8,927	100.00	.04
30609903	8	5	348	16,183	.08	11,841	73.17	.06
30609904	5	1	1,910	4,208	.02	1,867	44.37	.01
30688801	21	8	413,564	1,447	.01	597	41.26	<.01
30688802	4	1	111,818	155	<.01	10	6.45	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
-----	-----	-----	-----	-----	-----	-----	-----
30688803	2 0	36,839	128	<.01			
30688804	1 1		2	<.01	2	100.00	<.01
30699998	8 1	149,958	7,121	.03	100	1.40	<.01
30699999	47 15	409,827	9,973	.05	1,807	18.12	.01
30700101	1 0	429,240	159	<.01			
30700102	6 0	1,150,336	7	<.01			
30700103	5 2	825,533	7	<.01	3	42.86	<.01
30700104	191 25	29,398,396	85,406	.41	12,341	14.45	.06
30700105	135 11	25,195,983	2,354	.01	306	13.00	<.01
30700106	140 14	29,039,691	11,224	.05	4,647	41.40	.02
30700108	7 0	898,111	171	<.01			
30700109	4 0	1,293,000	455	<.01			
30700110	29 1	6,946,591	22,870	.11	148	.65	<.01
30700199	2 0	182,296	43	<.01			
30700203	3 0	336,100	44	<.01			
30700211	2 0	58,130	1,445	.01			
30700214	6 0	289,743	1,362	.01			
30700221	3 0	169,500	417	<.01			
30700222	3 0	405,252	543	<.01			
30700223	3 1	220,350	1,815	.01	3	.17	<.01
30700231	2 0	156,736	192	<.01			
30700232	1 0	103,622	5	<.01			
30700233	3 0	313,178	249	<.01			
30700234	1 0	15,121	5	<.01			
30700299	4 0	90,865	607	<.01			
30700301	3 1	237,689	829	<.01	795	95.90	<.01
30700302	2 0	316,000	30	<.01			
30700303	3 0	63,510	9	<.01			
30700304	1 0	3,896	107	<.01			
30700402	3 0	32,400	3	<.01			
30700701	1 0	16,087	3	<.01			
30700704	6 0	43,552	39	<.01			
30700799	10 2	1,365,206	102	<.01	26	25.49	<.01
30700899	2 0	126,478	16	<.01			
30701399	3 0	4	12	<.01			
30702098	1 0	4,410	26	<.01			
30702099	2 0	10,597	13	<.01			
30703099	1 0	12,500	1	<.01			
30790003	1 0	529	39	<.01			
30790013	1 1		13	<.01	13	100.00	<.01
30799999	5 2	360,158	25	<.01	22	88.00	<.01
30800199	2 2		5	<.01	5	100.00	<.01
30800799	1 0	767	767	<.01			
30899999	1 0	0	1	<.01			
30901102	1 0	220,000	66	<.01			
30999999	10 0	61,369	192	<.01			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total Miss Points	Activity Rate	Emiss	% Total	Emiss Miss AC	% SCC Emiss	% Tot Emiss
-----	-----	-----	-----	-----	-----	-----	-----
31000199	3 2	2,652	1,840	.01	1,443	78.42	.01
31000201	127 73	5,061,558	190,229	.90	92,854	48.81	.44
31000202	11 5	1,189	1,421	.01	1,287	90.57	.01
31000203	2 1	15,111	31	<.01	30	96.77	<.01
31000204	1 0	72,821	17	<.01			
31000205	59 33	29,792	63,054	.30	41,031	65.07	.19
31000299	11 7	323,394	10,140	.05	8,192	80.79	.04
31000404	11 5	5,276	441	<.01	302	68.48	<.01
31000405	3 0	643	359	<.01			
31000413	1 0	2,843	259	<.01			
31000414	5 2	1,041	17	<.01	2	11.76	<.01
31088801	1 0	1	6	<.01			
31088805	1 1		28	<.01	28	100.00	<.01
31299999	1 0	0	1	<.01			
31399999	11 0	1	463	<.01			
32099999	1 0	1	1	<.01			
39000189	1 0	7,966	99	<.01			
39000199	1 0	16,800	78	<.01			
39000201	113 3	5,662,926	77,858	.37	3,768	4.84	.02
39000203	48 3	1,374,546	6,384	.03	639	10.01	<.01
39000289	22 0	396,524	6,826	.03			
39000299	2 0	412,200	10,925	.05			
39000389	1 0	10,379	72	<.01			
39000402	18 0	76,174	3,572	.02			
39000403	23 0	32,457	735	<.01			
39000489	120 0	48,869	19,455	.09			
39000499	15 0	10,215	1,644	.01			
39000501	2 0	579	59	<.01			
39000502	6 1	645	2,403	.01	2,277	94.76	.01
39000503	2 0	1,933	12	<.01			
39000589	49 0	16,710	1,622	.01			
39000599	30 0	33,702	1,826	.01			
39000689	150 0	70,725	12,687	.06			
39000699	55 1	10,352	993	<.01	7	.70	<.01
39000701	1 0	20,589	6	<.01			
39000702	21 0	23,987	4,331	.02			
39000789	12 0	65,119	4,796	.02			
39000797	2 0	6,003	699	<.01			
39000799	4 0	1,675	122	<.01			
39000889	22 0	315,665	9,567	.05			
39000899	1 0	7,821	89	<.01			
39000989	2 0	18,625	2	<.01			
39000999	1 0	15,995	1	<.01			
39001089	2 0	458	4	<.01			
39001389	3 0	1,032	26	<.01			
39001399	2 0	59,141	140	<.01			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

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Appendix E
Table E-1
Analysis of Missing Activity Rate Data for SO₂ Emitters

SCC	Total	Miss	Activity	Emiss	%	Emiss	% SCC	% Tot
	Points		Rate		Total	Miss AC	Emiss	Emiss
39990003	2	1	2,236	3	<.01	2	66.67	<.01
39990013	1	0	35	37	<.01			
39990024	2	2		412	<.01	412	100.00	<.01
39999999	31	0	54,590	717	<.01			
40100297	1	0	5,992	28	<.01			
40200301	1	1		30	<.01	30	100.00	<.01
40200801	26	0	10,067	30	<.01			
40200810	26	0	1,336,063	667	<.01			
40201001	2	0	76,099	24	<.01			
40202108	1	1		30	<.01	30	100.00	<.01
40300154	1	0	3,040	4	<.01			
40300201	1	0	6,720	47	<.01			
40300299	1	0	1	119	<.01			
40301117	1	1		117	<.01	117	100.00	<.01
40500501	1	0	0	3	<.01			
40600253	1	0	989,347	218	<.01			
40600299	1	1		27	<.01	27	100.00	<.01
40688801	2	2		960	<.01	960	100.00	<.01
40688805	1	1		1	<.01	1	100.00	<.01
49099999	1	0	20	52	<.01			
50100101	60	1	2,185,751	3,438	.02	228	6.63	<.01
50100102	17	0	861,050	2,150	.01			
50100506	8	2	194,554	110	<.01	14	12.73	<.01
50100508	1	0	37,500	2	<.01			
50100510	2	2		3	<.01	3	100.00	<.01
50200101	19	1	1,055,280	1,350	.01	3	.22	<.01
50200102	6	0	117,915	1,960	.01			
50200103	6	0	126,381	42	<.01			
50200105	3	0	85,488	5	<.01			
50200301	1	0	7,000	1	<.01			
50200506	16	0	245,846	87	<.01			
50200601	3	0	8,500	105	<.01			
50300101	46	15	217,809	1,978	.01	1,592	80.49	.01
50300102	40	17	100,792	6,047	.03	4,923	81.41	.02
50300103	16	3	108,949	833	<.01	765	91.84	<.01
50300105	11	1	186,710	14	<.01	1	7.14	<.01
50300106	1	1		2	<.01	2	100.00	<.01
50300202	1	0	1,207	1	<.01			
50300506	11	1	116,832	473	<.01	375	79.28	<.01
50300601	1	0	5,782	155	<.01			
50300701	10	6	6,804	444	<.01	387	87.16	<.01
50390005	1	1		8	<.01	8	100.00	<.01
50390006	2	2		727	<.01	727	100.00	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss Ac = Emissions from points with missing activity rates.
% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
10100101	10	1,811,853	14,793	.16	1	2,922	19.75	.03
10100102	2	1,874	9	<.01	0			
10100201	99	57,824,163	604,022	6.40	1	15,745	2.61	.17
10100202	726	347,041,200	3,157,868	33.44	3	14,788	.47	.16
10100203	83	38,232,907	680,835	7.21	0			
10100204	66	2,179,336	13,518	.14	0			
10100205	25	670,250	2,065	.02	0			
10100212	82	39,723,274	324,597	3.44	1	11,142	3.43	.12
10100217	1	25,509	178	<.01	0			
10100221	13	5,877,259	69,173	.73	3	13,945	20.16	.15
10100222	83	73,951,623	540,463	5.72	0			
10100223	6	3,746,612	57,706	.61	0			
10100224	18	563,952	3,634	.04	0			
10100225	6	47,518	46,441	.49	5	46,309	99.72	.49
10100226	22	23,203,768	102,071	1.08	0			
10100301	25	15,247,620	243,006	2.57	8	126,705	52.14	1.34
10100302	6	190,341	62,311	.66	5	61,550	98.78	.65
10100303	5	9,627,846	70,497	.75	0			
10100304	1		17,444	.18	1	17,444	100.00	.18
10100306	5	448,909	1,446	.02	0			
10100401	413	5,041,663	152,462	1.61	0			
10100404	50	1,288,813	30,463	.32	0			
10100405	2	174,132	3,676	.04	1	19	.52	<.01
10100406	8	23,069	656	.01	0			
10100501	474	297,824	31,716	.34	13	973	3.07	.01
10100504	50	27,838	1,899	.02	1	850	44.76	.01
10100505	25	13,421	231	<.01	0			
10100601	751	1,389,911	351,257	3.72	165	118,195	33.65	1.25
10100602	94	21,338	34,908	.37	57	32,206	92.26	.34
10100604	91	237,888	61,733	.65	22	22,965	37.20	.24
10100701	58	18,311	8,228	.09	34	3,230	39.26	.03
10100702	4	34	3,228	.03	3	3,226	99.94	.03
10100801	9	306,355	2,327	.02	0			
10100901	3	126,648	305	<.01	0			
10100902	15	2,103,903	3,128	.03	0			
10100903	10	364,346	187	<.01	0			
10101002	2	308	2	<.01	0			
10101201	23	2,071,264	1,877	.02	0			
10101301	2		180	<.01	2	180	100.00	<.01
10101302	1	60	2	<.01	0			
10200101	2	185,036	1,758	.02	0			
10200104	24	213,300	1,068	.01	0			
10200107	1	563	1	<.01	0			
10200201	64	3,699,665	53,598	.57	0			
10200202	320	17,245,949	162,998	1.73	1	105	.06	<.01
10200203	20	1,901,524	36,109	.38	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

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Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
10200204	713	11,344,387	82,243	.87	2	2,940	3.57	.03
10200205	195	2,437,196	12,826	.14	6	496	3.87	.01
10200206	131	957,623	4,627	.05	0			
10200210	7	105,227	496	.01	0			
10200212	12	666,071	4,909	.05	0			
10200217	5	249,899	5,789	.06	0			
10200219	18	1,011,837	9,626	.10	0			
10200221	1	10,353	176	<.01	0			
10200222	5	411,684	3,781	.04	0			
10200224	24	808,296	5,652	.06	0			
10200225	21	300,205	1,126	.01	0			
10200301	3	96,408	7,638	.08	2	6,963	91.16	.07
10200303	1	35,000	131	<.01	0			
10200306	13	337,532	1,765	.02	0			
10200401	1961	3,245,456	102,201	1.08	47	6,584	6.44	.07
10200402	821	1,012,688	25,856	.27	3	118	.46	<.01
10200403	74	29,237	794	.01	0			
10200404	76	100,078	5,786	.06	3	1,015	17.54	.01
10200405	4	8,692	239	<.01	0			
10200501	309	297,763	16,583	.18	27	6,986	42.13	.07
10200502	95	57,818	3,324	.04	4	1,728	51.99	.02
10200503	20	7,545	398	<.01	0			
10200504	62	44,672	2,541	.03	3	1,834	72.18	.02
10200601	1338	659,963	181,211	1.92	308	86,702	47.85	.92
10200602	1900	397,692	49,999	.53	274	13,903	27.81	.15
10200603	221	52,135	13,329	.14	38	8,501	63.78	.09
10200604	16	6,862	1,611	.02	6	908	56.36	.01
10200701	377	164,226	38,526	.41	144	17,690	45.92	.19
10200704	143	1,579,160	31,749	.34	1	154	.49	<.01
10200707	136	107,255	5,524	.06	1	62	1.12	<.01
10200710	3	4,935	315	<.01	0			
10200799	94	1,849,924	19,151	.20	58	14,002	73.11	.15
10200802	18	392,652	896	.01	1	54	6.03	<.01
10200804	7	834,218	5,867	.06	0			
10200901	99	17,347,991	21,951	.23	2	3,028	13.79	.03
10200902	351	26,573,666	47,751	.51	4	3,513	7.36	.04
10200903	200	5,560,290	10,648	.11	3	800	7.51	.01
10200904	5	78,352	28	<.01	0			
10200905	22	375,904	764	.01	0			
10200906	14	187,928	213	<.01	0			
10200907	10	1,857,134	2,432	.03	1	21	.86	<.01
10201001	4	714	4	<.01	0			
10201002	17	99,692	624	.01	0			
10201101	45	2,906,780	1,690	.02	0			
10201201	33	1,858,645	2,852	.03	3	1,008	35.34	.01
10201301	56	1,193,631	10,014	.11	3	103	1.03	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.
 Miss Points = Number of points with missing activity rates.
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Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
10201302	23	22,882	1,818	.02	0			
10201401	2	229	20	<.01	0			
10201402	10	7,039	1,515	.02	4	894	59.01	.01
10201403	2	6,419	129	<.01	0			
10201404	3	76,762	918	.01	0			
10300101	2	17,459	159	<.01	0			
10300102	34	144,200	869	.01	0			
10300103	5	13,412	15	<.01	0			
10300205	9	80,380	709	.01	0			
10300206	23	351,284	3,724	.04	1	144	3.87	<.01
10300207	158	962,731	4,053	.04	0			
10300208	67	282,419	1,507	.02	0			
10300209	183	1,619,747	11,129	.12	3	30	.27	<.01
10300211	5	9,800	35	<.01	0			
10300214	4	7,397	39	<.01	0			
10300217	2	23,329	131	<.01	0			
10300222	4	80,393	844	.01	0			
10300224	5	55,857	391	<.01	0			
10300225	11	148,750	557	.01	0			
10300309	8	138,596	467	<.01	0			
10300401	452	390,007	14,346	.15	0			
10300402	60	45,171	1,502	.02	0			
10300403	3	546	24	<.01	0			
10300404	15	6,250	225	<.01	0			
10300501	52	25,424	1,229	.01	1	101	8.22	<.01
10300502	8	3,925	46	<.01	0			
10300503	2	246	8	<.01	0			
10300504	52	40,784	1,554	.02	1	16	1.03	<.01
10300601	101	53,333	12,077	.13	10	5,467	45.27	.06
10300602	148	35,579	3,883	.04	3	54	1.39	<.01
10300603	17	1,262	2,811	.03	3	152	5.41	<.01
10300701	5	91,155	260	<.01	0			
10300799	2	6,155	114	<.01	1	14	12.28	<.01
10300901	2	50,501	48	<.01	0			
10300902	9	191,772	2,331	.02	3	2,268	97.30	.02
10300903	20	389,303	385	<.01	0			
10301201	6	617,668	1,085	.01	0			
10301301	1	0	118	<.01	0			
10500105	22	534,676	332	<.01	1	90	27.11	<.01
10500106	34	39,394	2,398	.03	3	119	4.96	<.01
10500110	1	42	5	<.01	0			
10500205	7	6,730	69	<.01	0			
10500206	12	3,118	540	.01	0			
20100101	170	153,849	10,582	.11	0			
20100102	133	15,599	4,520	.05	1	289	6.39	<.01
20100201	138	101,404	37,238	.39	54	13,269	35.63	.14

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

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Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
20100202	194	20,235	26,868	.28	75	8,049	29.96	.09
20100901	21	7,487	762	.01	0			
20200101	8	1,561	195	<.01	1	19	9.74	<.01
20200102	80	14,172	4,074	.04	12	377	9.25	<.01
20200103	2	9,700	168	<.01	0			
20200201	337	174,546	78,333	.83	91	41,703	53.24	.44
20200202	3923	289,122	531,395	5.63	991	87,422	16.45	.93
20200203	18	10,272	6,291	.07	8	5,683	90.34	.06
20200204	11	10,888	2,811	.03	0			
20200301	34	2,168	110	<.01	0			
20200401	14	7,748	2,009	.02	1	5	.25	<.01
20200501	8	2,425	1,299	.01	0			
20200901	5	656	183	<.01	1	3	1.64	<.01
20200902	1	0	22	<.01	0			
20201001	10	1,787	140	<.01	0			
20300101	18	24,760	3,455	.04	0			
20300201	78	9,189	12,277	.13	11	1,189	9.68	.01
20300202	8	816	217	<.01	3	39	17.97	<.01
20300301	22	1,004	1,576	.02	0			
20301001	7	864	183	<.01	0			
20400101	48	21,273	1,931	.02	2	11	.57	<.01
20400201	1	253	13	<.01	0			
20400301	4		1,365	.01	4	1,365	100.00	.01
20400302	1	90	3	<.01	0			
20400401	3	20,400	1,041	.01	0			
20400402	14	6,897	1,248	.01	0			
28888802	14	357,153	1,389	.01	0			
30100101	7	1,649	266	<.01	2	23	8.65	<.01
30100104	3	280,320	293	<.01	2	84	28.67	<.01
30100105	2		46	<.01	2	46	100.00	<.01
30100199	1		8	<.01	1	8	100.00	<.01
30100306	36	13,990,757	23,146	.25	3	658	2.84	.01
30100307	2	666,666	1,200	.01	0			
30100501	1		1	<.01	1	1	100.00	<.01
30100503	7	79,700	83	<.01	4	6	7.23	<.01
30100504	21	520,736	121	<.01	1	15	12.40	<.01
30100507	40	584,378	915	.01	13	420	45.90	<.01
30100508	4		10	<.01	4	10	100.00	<.01
30100509	9	1	114	<.01	4	31	27.19	<.01
30100599	10	51,636	16	<.01	2	6	37.50	<.01
30100601	36	161,559	2,536	.03	1	218	8.60	<.01
30100603	17	96,020	1,013	.01	0			
30100604	1	1,304	59	<.01	0			
30100699	8	219,700	40	<.01	0			
30100801	6	1,717,128	1,533	.02	0			
30100899	2		690	.01	2	690	100.00	.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

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Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30100901	2	99,600	13	<.01	1	7	53.85	<.01
30100999	2	20	92	<.01	1	37	40.22	<.01
30101011	1	58,212	728	.01	0			
30101012	2	38,439	371	<.01	0			
30101013	2	7,744	217	<.01	0			
30101014	2	68,377	128	<.01	0			
30101022	1	78,540	255	<.01	0			
30101099	1	464	3	<.01	0	13	100.00	<.01
30101199	1		13	<.01	1			
30101202	3	369,800	21	<.01	0			
30101203	1	110,000	8	<.01	0			
30101299	2	295,400	18	<.01	0	276	1.44	<.01
30101301	35	2,659,452	19,163	.20	2	329	4.02	<.01
30101302	24	2,156,910	8,187	.09	1	76	2.62	<.01
30101303	9	289,647	2,900	.03	3	301	18.32	<.01
30101304	10	713,841	1,643	.02	3	140	43.08	<.01
30101399	9	394,364	325	<.01	4			
30101499	1	1	54	<.01	0			
30101699	2	90,880	22	<.01	0	42	84.00	<.01
30101801	6	163,312	50	<.01	2	916	7.68	.01
30101802	10	168,168	11,931	.13	8	22	100.00	<.01
30101803	1		22	<.01	1	107	100.00	<.01
30101807	2		107	<.01	2	3	100.00	<.01
30101812	1		3	<.01	1	65	100.00	<.01
30101817	1		65	<.01	1	20	100.00	<.01
30101821	1		20	<.01	1			
30101842	1	553	45	<.01	0	3	100.00	<.01
30101852	3		3	<.01	3	3	100.00	<.01
30101861	1		3	<.01	1	2	100.00	<.01
30101891	1		2	<.01	1	5	100.00	<.01
30101892	2		5	<.01	2	109	1.88	<.01
30101899	19	680,931	5,789	.06	5	235	100.00	<.01
30101907	1		235	<.01	1	10	100.00	<.01
30102108	1		10	<.01	1			
30102111	1	277,769	725	.01	0	9	19.57	<.01
30102199	4	177,481	46	<.01	1			
30102201	1	169,956	1	<.01	0	2	7.41	<.01
30102301	23	11,612,864	27	<.01	1			
30102304	3	991,277	950	.01	0	399	93.22	<.01
30102306	11	2,444,133	428	<.01	3			
30102308	13	4,567,159	497	.01	0			
30102318	4	1,941,982	62	<.01	0			
30102321	1	0	15	<.01	0	29	100.00	<.01
30102322	1		29	<.01	1			
30102423	1	3,855	5	<.01	0	2	100.00	<.01
30102425	1		2	<.01	1			

Emissions in tons/year. Activity rate in appropriate SCC units.
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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30102625	3		1,223	.01	3	1,223	100.00	.01
30102699	13	111,690	466	<.01	10	463	99.36	<.01
30102704	1	152,325	2	<.01	0			
30102709	1	46,232	55	<.01	0			
30102711	2	279,677	59	<.01	0			
30102712	2	156,232	61	<.01	0			
30102723	1	46,232	55	<.01	0			
30102728	1	46,232	55	<.01	0			
30102824	1	64,079	65	<.01	0			
30102905	1	196,203	7	<.01	0			
30102906	1	365,000	54	<.01	0			
30102921	1	214,149	32	<.01	0			
30102924	1	111,700	1	<.01	0			
30103001	11	1,421,827	1,186	.01	0			
30103002	5	2,579,441	68	<.01	0			
30103201	14	46,604	293	<.01	7	230	78.50	<.01
30103202	16	388,136	70	<.01	7	38	54.29	<.01
30103203	2	13,540	15,713	.17	1	15,712	99.99	.17
30103204	17	580,682	257	<.01	7	203	78.99	<.01
30103299	3		9	<.01	3	9	100.00	<.01
30103399	10	1,829,735	262	<.01	2	15	5.73	<.01
30103499	12	162,116	801	.01	10	407	50.81	<.01
30103501	1		34	<.01	1	34	100.00	<.01
30103503	2	13,743	10	<.01	0			
30103553	1	40,260	9	<.01	0			
30103599	14	609,373	512	.01	7	385	75.20	<.01
30104001	2	120,311	18	<.01	0			
30104101	1		2	<.01	1	2	100.00	<.01
30104104	1		34	<.01	1	34	100.00	<.01
30104201	1	47,000	3	<.01	0			
30105001	2		422	<.01	2	422	100.00	<.01
30106099	2	9,551	24	<.01	0			
30110002	1	10,603	1	<.01	0			
30112502	1		31	<.01	1	31	100.00	<.01
30112520	3		17	<.01	3	17	100.00	<.01
30112599	18	854,157	608	.01	9	383	62.99	<.01
30113299	15		522	.01	15	522	100.00	.01
30114004	3	8,521	55	<.01	0			
30115312	2		1,052	.01	2	1,052	100.00	.01
30115321	1		373	<.01	1	373	100.00	<.01
30115380	8		409	<.01	8	409	100.00	<.01
30116901	1		7	<.01	1	7	100.00	<.01
30116905	2		65	<.01	2	65	100.00	<.01
30117411	2		598	.01	2	598	100.00	.01
30119701	40	10,332,000	7,044	.07	27	4,249	60.32	.04
30119705	4		73	<.01	4	73	100.00	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30119710	1		74	<.01	1	74	100.00	<.01
30119745	9		1,728	.02	9	1,728	100.00	.02
30119799	31		3,671	.04	31	3,671	100.00	.04
30120201	1		148	<.01	1	148	100.00	<.01
30120601	3	47,505	29	<.01	2	28	96.55	<.01
30121180	1		14	<.01	1	14	100.00	<.01
30125001	6	1,467,400	1,949	.02	4	1,206	61.88	.01
30125002	1		179	<.01	1	179	100.00	<.01
30125003	1		179	<.01	1	179	100.00	<.01
30125004	1		179	<.01	1	179	100.00	<.01
30125010	1	273,000	516	.01	0			
30125099	3		123	<.01	3	123	100.00	<.01
30125401	1		15	<.01	1	15	100.00	<.01
30125405	6		1,816	.02	6	1,816	100.00	.02
30125499	1	48,593	11	<.01	0			
30125801	2	375,312	238	<.01	0			
30125802	1		17	<.01	1	17	100.00	<.01
30125810	1		891	.01	1	891	100.00	.01
30125815	2		127	<.01	2	127	100.00	<.01
30125899	7		104	<.01	7	104	100.00	<.01
30180001	4		537	.01	4	537	100.00	.01
30181001	1		10	<.01	1	10	100.00	<.01
30183001	3		356	<.01	3	356	100.00	<.01
30187006	2	89,620	10	<.01	0			
30188801	10	108,043	522	.01	7	465	89.08	<.01
30188802	1	28,700	1	<.01	0			
30188803	1	280,000	1	<.01	0			
30188804	2	3,061	2	<.01	0			
30188805	1	6,000	1	<.01	0			
30190003	111	1,044	6,168	.07	105	6,093	98.78	.06
30190004	7	11,190	101	<.01	6	65	64.36	<.01
30190013	4		507	.01	4	507	100.00	.01
30190099	36	578,111	3,646	.04	15	623	17.09	.01
30199999	170	5,040,540	27,025	.29	80	14,522	53.74	.15
30200101	5	20,000	6	<.01	1	2	33.33	<.01
30200201	1		2	<.01	1	2	100.00	<.01
30200202	3	27,499	100	<.01	2	53	53.00	<.01
30200504	2	642,162	8	<.01	0			
30200604	5	448,400	180	<.01	0			
30200754	2	15,960	24	<.01	0			
30200782	1	11,980	6	<.01	0			
30200799	2	6,564	59	<.01	0			
30200804	2	113,937	54	<.01	0			
30200902	12	406,892	112	<.01	4	46	41.07	<.01
30200998	1	1,462,829	1	<.01	0			
30201002	1	14,199	54	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30201301	3	31,890	12	<.01	0			
30201401	6	113,746	2,039	.02	0			
30201599	1	76,000	11	<.01	0			
30201601	20	8,356,568	647	.01	0			
30201699	1	41,774	14	<.01	0			
30201799	1	19,150	1	<.01	0			
30201901	2	10,697	27	<.01	0			
30201999	1		7	<.01	1	7	100.00	<.01
30202002	5	300,500	202	<.01	0			
30203001	2	18,877	4	<.01	0			
30203099	1	16,108	8	<.01	0			
30299998	8	125,133	249	<.01	1	24	9.64	<.01
30299999	3	838,120	942	.01	1	936	99.36	.01
30300001	1		1,690	.02	1	1,690	100.00	.02
30300002	5	0	405	<.01	0			
30300101	1	290,785	97	<.01	0			
30300102	1	214,011	25	<.01	0			
30300105	7	416,785	312	<.01	2	15	4.81	<.01
30300107	11		430	<.01	11	430	100.00	<.01
30300199	10	535,851	95	<.01	0			
30300201	18	1,340,791	1,398	.01	12	529	37.84	.01
30300302	71	33,469,025	2,343	.02	2	14	.60	<.01
30300303	21	10,028,366	1,260	.01	0			
30300304	13	5,452,660	1,925	.02	0			
30300306	52	18,199,477	4,627	.05	1	84	1.82	<.01
30300308	28	16,834,317	154	<.01	0			
30300313	6	1,203,913	543	.01	3	504	92.82	.01
30300314	8	5,689,100	94	<.01	0			
30300315	2	7,603,852	317	<.01	0			
30300316	3	113,400	34	<.01	0			
30300399	1	773,994	431	<.01	0			
30300401	2	348,231	541	.01	0			
30300502	1	236,254	425	<.01	0			
30300503	1	2,741,701	600	.01	0			
30300504	1	347,964	10	<.01	0			
30300521	1	108,384	3	<.01	0			
30300601	1	25,349	1	<.01	0			
30300603	1	12,500	46	<.01	0			
30300604	9	267,637	78	<.01	0			
30300699	1	225,916	332	<.01	0			
30300801	5	607,759	1,911	.02	2	1,100	57.56	.01
30300813	21	18,785,082	3,827	.04	0			
30300824	16	15,810,390	5,109	.05	0			
30300825	8	3,663,983	67	<.01	0			
30300899	5	1,120,071	737	.01	0			
30300901	4	5,681,773	2,878	.03	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30300904	49	5,170,923	284	<.01	0			
30300908	6	819,425	42	<.01	0			
30300910	5	83,456	89	<.01	0			
30300911	33	6,266,417	2,929	.03	0			
30300913	11	11,439,155	326	<.01	0			
30300914	2	1,514,236	2	<.01	0			
30300916	1	985,072	12	<.01	0			
30300917	2	3,561,725	15	<.01	0			
30300918	1	2	3	<.01	0			
30300919	1	2	3	<.01	0			
30300921	1	2	3	<.01	0			
30300922	3	3,686,725	128	<.01	0			
30300931	8	5,254,755	2,889	.03	0			
30300933	48	15,101,725	7,718	.08	11	275	3.56	<.01
30300934	25	4,854,317	577	.01	0			
30300935	2	969,710	251	<.01	0			
30300936	2	491,663	80	<.01	0			
30300999	12	3,724,201	805	.01	0			
30301009	2	272,599	1,745	.02	0			
30301299	2	13,000	136	<.01	0			
30301403	45	3,477,396	1,097	.01	0			
30301499	2	31,000	33	<.01	0			
30302312	75	31,949,327	1,385	.01	0			
30302313	2	12,502	2	<.01	0			
30302314	2	5,850,274	86	<.01	0			
30303099	2	18,901	3	<.01	0			
30388801	1	10,000	93	<.01	0			
30390003	15	3,393	265	<.01	0			
30390023	4	3,189	38	<.01	0			
30390024	1	2,423	48	<.01	0			
30399999	23	711,404	385	<.01	10	93	24.16	<.01
30400101	3	11,500	3	<.01	0			
30400102	14	441,330	139	<.01	0			
30400103	68	1,651,159	928	.01	9	203	21.88	<.01
30400104	1	38,700	2	<.01	0			
30400109	9	327,929	130	<.01	1	3	2.31	<.01
30400150	5	5,893,299	2,040	.02	0			
30400199	32	1,679,340	352	<.01	12	233	66.19	<.01
30400207	1	2,021	18	<.01	0			
30400215	2	104,832	4	<.01	0			
30400217	9	212,307	57	<.01	0			
30400301	69	4,549,411	645	.01	5	22	3.41	<.01
30400302	2		54	<.01	2	54	100.00	<.01
30400304	15	174,656	31	<.01	0			
30400305	3		171	<.01	3	171	100.00	<.01
30400315	1		7	<.01	1	7	100.00	<.01

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30400320	13	5,904,176	35	<.01	1	6	17.14	<.01
30400350	1	776,000	7	<.01	0			
30400351	5	50,943	10	<.01	0			
30400353	2	26,700	7	<.01	0			
30400371	1	211,000	53	<.01	0			
30400399	5	691,806	15	<.01	1	5	33.33	<.01
30400401	1	28,080	2	<.01	0			
30400402	8	104,067	40	<.01	0			
30400403	9	202,938	827	.01	0			
30400407	1	81	9	<.01	0			
30400499	4	180,822	26	<.01	0			
30400599	2	15,252	990	.01	0			
30400699	3	458,189	538	.01	0			
30400701	11	1,231,950	1,028	.01	0			
30400702	4		2,986	.03	4	2,986	100.00	.03
30400704	27	1,386,638	1,981	.02	2	13	.66	<.01
30400709	2	135,298	163	<.01	0			
30400711	1	214,502	6	<.01	0			
30400715	5	181,436	376	<.01	0			
30400799	10	4,214,506	1,038	.01	4	490	47.21	.01
30400805	2	30,606	6	<.01	0			
30400899	4	72,100	187	<.01	0			
30400999	2	301,767	32	<.01	0			
30401001	1	7,191	5	<.01	0			
30401099	1	29,094	5	<.01	0			
30402001	1	64,427	146	<.01	0			
30402004	10	195,149	137	<.01	1	7	5.11	<.01
30402099	2	183,100	15	<.01	0			
30405001	2	35,672	80	<.01	0			
30490001	1	220	3	<.01	0			
30490003	24	1,140,810	4,162	.04	0			
30499999	17	599,566	571	.01	1	110	19.26	<.01
30500103	3	163,480	129	<.01	1	4	3.10	<.01
30500201	47	8,993,372	394	<.01	1	62	15.74	<.01
30500202	6	971,278	11	<.01	0			
30500203	1	464,000	309	<.01	0			
30500204	1		10	<.01	1	10	100.00	<.01
30500206	2	1,175	66	<.01	0			
30500207	2	500	26	<.01	0			
30500208	1	1,249	19	<.01	0			
30500299	2	297,000	18	<.01	0			
30500301	1	0	6	<.01	0			
30500304	4	261,050	37	<.01	0			
30500307	1	231,000	29	<.01	0			
30500311	12	708,565	55	<.01	2	4	7.27	<.01
30500312	2	46,440	36	<.01	1	10	27.78	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
<hr/>								
30500313	12	429,670	268	<.01	6	133	49.63	<.01
30500314	4	75,313	55	<.01	2	40	72.73	<.01
30500316	12	116,723	55	<.01	0			
30500399	3	135,635	246	<.01	0			
30500402	1	21,500	2	<.01	0			
30500501	9	232,949	684	.01	1	1	.15	<.01
30500503	1		8	<.01	1	8	100.00	<.01
30500504	3	92,048	4	<.01	0			
30500599	2	0	22	<.01	1	18	81.82	<.01
30500606	138	43,930,144	89,800	.95	24	33,702	37.53	.36
30500613	7	639,980	1,107	.01	5	1,099	99.28	.01
30500699	7	4,263,489	7,301	.08	2	79	1.08	<.01
30500706	74	16,041,286	38,158	.40	8	13,397	35.11	.14
30500709	2		584	.01	2	584	100.00	.01
30500799	1	31,928	220	<.01	0			
30500801	16	1,324,167	791	.01	0			
30500802	4	347,750	349	<.01	0			
30500899	1	240,000	31	<.01	0			
30500903	4	740,201	366	<.01	0			
30500999	1	174,720	5	<.01	0			
30501001	61	44,755,574	4,630	.05	8	685	14.79	.01
30501004	2		252	<.01	2	252	100.00	<.01
30501007	1	100,000	123	<.01	0			
30501201	4	92,586	201	<.01	0			
30501202	14	350,958	580	.01	0			
30501203	9	235,934	51	<.01	0			
30501204	14	265,577	218	<.01	0			
30501205	25	390,676	2,223	.02	0			
30501206	8	475,281	72	<.01	0			
30501209	13	49,316	47	<.01	0			
30501212	12	139,990	2,664	.03	4	828	31.08	.01
30501215	1	50,000	65	<.01	0			
30501299	9	30,040	90	<.01	0			
30501401	19	1,161,639	5,658	.06	7	1,630	28.81	.02
30501402	127	7,150,185	22,801	.24	4	1,372	6.02	.01
30501403	20	2,397,263	14,303	.15	3	4,318	30.19	.05
30501404	26	787,571	3,920	.04	3	799	20.38	.01
30501410	1	68,759	120	<.01	0			
30501499	21	959,749	650	.01	3	403	62.00	<.01
30501501	17	2,015,675	667	.01	8	300	44.98	<.01
30501503	15	8,798,309	395	<.01	6	261	66.08	<.01
30501504	1	36	37	<.01	0			
30501511	2	619,000	518	.01	0			
30501512	1	139,491	195	<.01	0			
30501520	1		2	<.01	1	2	100.00	<.01
30501599	2	46,000	12	<.01	1	5	41.67	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30501603	27	846,321	1,678	.02	4	658	39.21	.01
30501604	99	13,374,635	26,799	.28	12	1,440	5.37	.02
30501605	3	707,184	69	<.01	1	3	4.35	<.01
30501617	4	135,076	283	<.01	1	93	32.86	<.01
30501701	2	105,228	47	<.01	0			
30501704	1	26,546	11	<.01	0			
30501801	1	835	18	<.01	0			
30501899	4	267,840	1,140	.01	3	1,062	93.16	.01
30501901	8	7,519,079	1,144	.01	0			
30502008	1		84	<.01	1	84	100.00	<.01
30502012	10	1,515,460	655	.01	4	581	88.70	.01
30502099	12	1,302,296	24	<.01	0			
30502101	1	0	4	<.01	0			
30502401	3	109,605	51	<.01	0			
30502501	2	666,667	4	<.01	0			
30502599	2	770,000	31	<.01	0			
30502699	1	124,118	111	<.01	0			
30503202	1	795,658	5	<.01	0			
30504033	3	159,038	43	<.01	1	35	81.40	<.01
30504099	7	1,477	508	.01	6	500	98.43	.01
30515002	2	25,700	111	<.01	0			
30588801	1	24,501	2	<.01	0			
30590002	2	938	25	<.01	0			
30590003	2	391	28	<.01	0			
30599999	48	16,256,510	5,266	.06	1	53	1.01	<.01
30600101	27	62,040	2,030	.02	1	6	.30	<.01
30600102	259	115568186	10,703	.11	66	2,840	26.53	.03
30600103	374	11,444,459	27,210	.29	38	1,607	5.91	.02
30600104	1925	37,555,031	97,451	1.03	1091	55,219	56.66	.58
30600105	104	311,200	2,210	.02	19	614	27.78	.01
30600106	413	154,268	14,831	.16	45	1,585	10.69	.02
30600107	38	74,915	679	.01	0			
30600199	1		63	<.01	1	63	100.00	<.01
30600201	148	1,485,737	39,588	.42	58	12,552	31.71	.13
30600202	2		444	<.01	2	444	100.00	<.01
30600301	20	13,626	1,202	.01	16	1,155	96.09	.01
30600401	45	1,810,104	4,352	.05	14	396	9.10	<.01
30600402	2		30	<.01	2	30	100.00	<.01
30600503	1	12,910	24	<.01	0			
30600504	1	9,348	99	<.01	0			
30600602	1		105	<.01	1	105	100.00	<.01
30600603	7	853	191	<.01	6	159	83.25	<.01
30600701	1		258	<.01	1	258	100.00	<.01
30600702	2		118	<.01	2	118	100.00	<.01
30600801	2	2,762	25	<.01	1	23	92.00	<.01
30600804	1		172	<.01	1	172	100.00	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30600805	1	0	24	<.01	0			
30600901	1	600	35	<.01	0			
30600903	4	164	77	<.01	2	20	25.97	<.01
30600904	15	381,827	778	.01	8	447	57.46	<.01
30600999	13	1,720	2,965	.03	11	986	33.25	.01
30601201	6	41,799	2,235	.02	1	165	7.38	<.01
30601401	15	1,774,009	1,082	.01	7	606	56.01	.01
30609902	2		16	<.01	2	16	100.00	<.01
30609903	5	348	64	<.01	2	6	9.38	<.01
30609904	3	187	72	<.01	1	19	26.39	<.01
30610001	1		1	<.01	1	1	100.00	<.01
30688801	20	297,617	1,823	.02	7	547	30.01	.01
30688802	9	137,621	187	<.01	3	29	15.51	<.01
30688803	2	36,839	69	<.01	0	5	100.00	<.01
30688804	1		5	<.01	1	1	100.00	<.01
30688805	1		1	<.01	1	70	37.04	<.01
30699998	5	139,016	189	<.01	1	191	7.22	<.01
30699999	47	52,933	2,646	.03	12			
30700103	1	432,000	114	<.01	0	3,574	14.08	.04
30700104	168	26,439,009	25,388	.27	18			
30700105	55	13,272,586	18,586	.20	0	2,112	10.79	.02
30700106	144	28,808,733	19,573	.21	14			
30700108	8	939,582	799	.01	0	56	.93	<.01
30700110	28	6,495,765	5,990	.06	1	11	1.42	<.01
30700199	4	207,453	773	.01	1			
30700223	2	220,350	159	<.01	0			
30700299	2	6,760	3	<.01	0	110	100.00	<.01
30700301	1		110	<.01	1			
30700303	1	44,900	22	<.01	0			
30700402	3	32,400	3	<.01	0			
30700499	1	22,686	7	<.01	0	6	100.00	<.01
30700599	3		6	<.01	3	109	59.89	<.01
30700701	6	22,631	182	<.01	3			
30700703	1	0	40	<.01	0			
30700704	7	51,208	257	<.01	0			
30700705	1	114,435	17	<.01	0			
30700706	2	105,813	16	<.01	0			
30700715	1	9,150	11	<.01	0	5	1.99	<.01
30700799	11	1,202,570	251	<.01	2			
30700803	1	12,000	1	<.01	0			
30700898	2		8	<.01	2	8	100.00	<.01
30700899	7	145,899	762	.01	3	67	8.79	<.01
30701199	1	0	79	<.01	0			
30702099	2	10,597	3	<.01	0			
30788801	3	104,485	37	<.01	0			
30790002	1	3,364	17	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss Ac = Emissions from points with missing activity rates.
% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30790003	2	1,112	213	<.01	0			
30790013	1		16	<.01	1	16	100.00	<.01
30799999	13	409,716	127	<.01	3	17	13.39	<.01
30800107	1		10	<.01	1	10	100.00	<.01
30800197	1	42,900	6	<.01	0			
30800199	2		19	<.01	2	19	100.00	<.01
30800799	1	8,400	4	<.01	0			
30900199	3	36,080	48	<.01	0			
30901102	2	221,302	1,438	.02	0			
30988801	1	1,000	5	<.01	0			
30999999	17	224,409	211	<.01	2	8	3.79	<.01
31000199	2	2,652	19	<.01	1	14	73.68	<.01
31000201	66	66,551	5,116	.05	54	4,758	93.00	.05
31000202	25	396,437	1,697	.02	4	150	8.84	<.01
31000203	569	17,647	60,611	.64	519	55,369	91.35	.59
31000205	13	8,587	213	<.01	4	45	21.13	<.01
31000206	1		84	<.01	1	84	100.00	<.01
31000299	30	58,483	1,261	.01	11	741	58.76	.01
31000404	64	12,043	2,607	.03	31	1,137	43.61	.01
31000405	4	643	58	<.01	1	25	43.10	<.01
31000413	1	2,843	171	<.01	0			
31000414	31	2,791	849	.01	19	505	59.48	.01
31000415	1		87	<.01	1	87	100.00	<.01
31088802	1		25	<.01	1	25	100.00	<.01
33000104	1	272	44	<.01	0			
33000199	5	31,301	17	<.01	0			
39000201	2	80,300	392	<.01	0			
39000289	21	390,524	4,291	.05	0			
39000299	2	412,200	5,075	.05	0			
39000389	1	10,379	69	<.01	0			
39000402	1	291	10	<.01	0			
39000403	2	3,499	96	<.01	0			
39000489	73	35,081	4,935	.05	0			
39000499	14	5,178	511	.01	0			
39000501	2	579	12	<.01	0			
39000502	1		319	<.01	1	319	100.00	<.01
39000589	45	39,357	825	.01	0			
39000599	20	21,420	1,400	.01	0			
39000602	1	23	1	<.01	0			
39000603	2	153	32	<.01	0			
39000605	2	498	53	<.01	0			
39000689	422	108,241	23,531	.25	0			
39000699	134	35,275	5,291	.06	6	134	2.53	<.01
39000701	1	20,589	236	<.01	0			
39000702	16	24,080	1,380	.01	0			
39000788	5	11,128	361	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
39000789	11	62,169	1,220	.01	0			
39000797	8	488,745	540	.01	0			
39000799	6	3,853	415	<.01	0			
39000889	23	295,639	3,185	.03	0			
39000899	1	7,821	55	<.01	0			
39000989	9	48,564	137	<.01	0			
39000999	1	15,995	21	<.01	0			
39001089	13	8,071	56	<.01	0			
39001299	2	57,800	33	<.01	0	95	32.65	<.01
39990003	4	2,236	291	<.01	0			
39990012	1	72,310	2	<.01	1	86	92.47	<.01
39990013	3	334	93	<.01	1	275	100.00	<.01
39990024	2		275	<.01	2			
39999996	3	323,753	26	<.01	0			
39999999	27	799,161	1,754	.02	3	30	1.71	<.01
40100202	1	22	2	<.01	0			
40100297	1	6,992	34	<.01	0			
40100299	1	50	5	<.01	0	47	58.02	<.01
40200101	5	1,125	81	<.01	1			
40200501	1	570	1	<.01	0			
40200601	1	75	4	<.01	0	3	100.00	<.01
40200610	3		3	<.01	3			
40200701	1	36	1	<.01	0	22	9.65	<.01
40200801	88	612,673	228	<.01	11			
40200803	1	681	4	<.01	0	17	.96	<.01
40200810	30	759,798	1,777	.02	17	10	.17	<.01
40201001	102	80,639	5,742	.06	4			
40201301	1	41	1	<.01	0			
40201499	2	126	7	<.01	0			
40201621	1	300,000	3	<.01	0	5	100.00	<.01
40201722	1		5	<.01	1			
40201799	5	591	7	<.01	0			
40201899	1	1,200	3	<.01	0			
40202501	2	290	2	<.01	0	7	100.00	<.01
40299997	1		7	<.01	1			
40300154	1	3,040	4	<.01	0	898	100.00	.01
40301099	1		898	.01	1	15	100.00	<.01
40301117	1		15	<.01	1			
40388801	1	1,370,000	5	<.01	0			
40500101	39	317,554	73	<.01	0			
40500201	5	674	7	<.01	0			
40500301	3	246	132	<.01	0			
40500401	10	1,262	10	<.01	0	4	20.00	<.01
40500501	9	1,564	20	<.01	2			
40588801	1	1,159	1	<.01	0	6	100.00	<.01
40600101	1		6	<.01	1			

Emissions in tons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss Ac = Emissions from points with missing activity rates.
% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-2
Analysis of Missing Activity Rate Data for NO_x Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40600253	1	989,347	95	<.01	0			
40600299	1		3	<.01	1	3	100.00	<.01
40688801	1		26	<.01	1	26	100.00	<.01
40688805	1		7	<.01	1	7	100.00	<.01
40781604	4		141	<.01	4	141	100.00	<.01
49099999	2	20	14	<.01	1	2	14.29	<.01
50100101	61	2,212,051	3,957	.04	1	318	8.04	<.01
50100102	17	861,050	2,464	.03	0			
50100201	5	789	429	<.01	3	426	99.30	<.01
50100506	8	194,554	573	.01	2	88	15.36	<.01
50100508	1	37,500	19	<.01	0			
50100510	2		173	<.01	2	173	100.00	<.01
50200101	19	1,055,280	1,698	.02	1	91	5.36	<.01
50200102	5	111,215	1,616	.02	0			
50200103	5	104,400	773	.01	0			
50200105	5	92,321	47	<.01	0			
50200301	1	7,000	5	<.01	0			
50200505	1	1,200	2	<.01	0			
50200506	17	376,886	1,113	.01	0			
50200601	7	11,049	126	<.01	0			
50300101	50	233,791	1,316	.01	16	636	48.33	.01
50300102	44	100,820	1,714	.02	21	1,026	59.86	.01
50300103	17	114,449	538	.01	3	131	24.35	<.01
50300104	3	5,270	13	<.01	1	10	76.92	<.01
50300105	20	239,620	151	<.01	2	11	7.28	<.01
50300106	4	11,195	48	<.01	1	22	45.83	<.01
50300201	1	3,250	7	<.01	0			
50300202	4	2,113	89	<.01	0			
50300506	12	116,832	326	<.01	2	22	6.75	<.01
50300601	1	5,782	80	<.01	0			
50300701	3	73,949	43	<.01	0			
50390006	2		463	<.01	2	463	100.00	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss Ac = Emissions from points with missing activity rates.
% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
10100101	8	1,805,838	304	.01	1	258	84.87	.01
10100201	90	48,888,381	7,652	.36	1	165	2.16	.01
10100202	676	342,477,008	17,582	.82	3	135	.77	.01
10100203	79	37,286,672	3,105	.14	0			
10100204	35	1,852,840	112	.01	0			
10100205	16	612,317	164	.01	0			
10100212	80	39,714,484	1,547	.07	1	60	3.88	<.01
10100217	1	25,509	12	<.01	0			
10100221	12	5,877,259	307	.01	2	100	32.57	<.01
10100222	76	71,645,369	2,680	.12	0			
10100223	5	3,746,506	130	.01	0			
10100224	14	551,245	20	<.01	0			
10100225	3	47,518	161	.01	2	159	98.76	.01
10100226	21	23,196,274	1,633	.08	0			
10100301	13	5,511,765	2,807	.13	7	2,268	80.80	.11
10100302	5	190,341	477	.02	4	470	98.53	.02
10100303	4	7,539,355	1,231	.06	0			
10100304	1		1,675	.08	1	1,675	100.00	.08
10100401	256	4,770,381	3,331	.15	0			
10100404	42	1,284,167	766	.04	0			
10100405	1	174,132	133	.01	0			
10100406	7	22,316	33	<.01	0			
10100501	57	57,761	827	.04	5	22	2.66	<.01
10100504	12	24,190	41	<.01	2	22	53.66	<.01
10100505	7	9,135	9	<.01	0			
10100601	215	1,175,080	724	.03	44	184	25.41	.01
10100602	30	9,308	2,383	.11	21	2,327	97.65	.11
10100604	32	183,252	152	.01	14	49	32.24	<.01
10100701	37	15,721	100	<.01	27	87	87.00	<.01
10100801	1	120,025	1	<.01	0			
10100901	3	126,648	45	<.01	0			
10100902	15	2,103,903	883	.04	0			
10100903	10	364,346	22	<.01	0			
10101201	12	1,666,496	77	<.01	0			
10101301	3	12,247	19	<.01	2	18	94.74	<.01
10200101	1	185,000	6	<.01	0			
10200104	4	125,428	4	<.01	0			
10200107	1	563	3	<.01	0			
10200201	52	3,125,387	147	.01	0			
10200202	258	15,364,181	898	.04	0			
10200203	19	1,900,739	129	.01	0			
10200204	414	9,108,911	1,711	.08	2	16	.94	<.01
10200205	80	1,736,304	297	.01	3	6	2.02	<.01
10200206	121	943,329	772	.04	0			
10200210	2	79,900	126	.01	0			
10200212	11	652,926	31	<.01	0			

Emissions in cons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss Ac = Emissions from points with missing activity rates.
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Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SUC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
10200217	4	249,899	36	<.01	0			
10200219	16	965,010	31	<.01	0			
10200222	4	383,699	13	<.01	0			
10200224	21	795,163	30	<.01	0			
10200225	21	300,205	21	<.01	0			
10200301	3	96,408	63	<.01	2	60	95.24	<.01
10200303	1	35,000	1	<.01	0			
10200306	5	188,000	169	.01	0			
10200401	561	2,100,860	6,081	.28	28	111	1.83	.01
10200402	420	697,266	863	.04	0			
10200403	11	14,261	24	<.01	0			
10200404	10	75,420	26	<.01	1	5	19.23	<.01
10200405	1	4,211	3	<.01	0			
10200501	84	204,838	1,230	.06	15	231	18.78	.01
10200502	34	39,582	117	.01	3	14	11.97	<.01
10200503	5	6,055	9	<.01	0			
10200504	8	6,191	73	<.01	0			
10200601	239	303,473	1,707	.08	69	648	37.96	.03
10200602	140	84,473	1,474	.07	29	311	21.10	.01
10200603	30	13,793	451	.02	5	159	35.25	.01
10200604	3	1,169	12	<.01	2	8	66.67	<.01
10200701	214	137,678	954	.04	64	431	45.18	.02
10200704	11	58,249	180	.01	1	77	42.78	<.01
10200707	9	7,554	26	<.01	1	1	3.85	<.01
10200710	3	5,459	343	.02	0			
10200799	48	12,960	2,118	.10	17	58	2.74	<.01
10200802	1	336,000	21	<.01	0			
10200804	5	747,505	6	<.01	0			
10200901	94	16,719,276	6,161	.29	2	204	3.31	.01
10200902	350	27,148,084	19,978	.93	4	2,411	12.07	.11
10200903	195	5,542,370	3,814	.18	1	101	2.65	<.01
10200904	5	78,352	35	<.01	0			
10200905	22	375,904	180	.01	0			
10200906	16	189,343	77	<.01	0			
10200907	7	1,419,134	293	.01	0			
10201001	1		3	<.01	1	3	100.00	<.01
10201002	3	84,463	6	<.01	0			
10201101	37	2,656,065	1,582	.07	0			
10201201	13	102,784	34	<.01	2	16	47.06	<.01
10201301	14	891,966	597	.03	1	2	.34	<.01
10201302	8	18,223	182	.01	2	92	50.55	<.01
10201402	8	6,885	51	<.01	3	7	13.73	<.01
10201403	2	6,419	4	<.01	0			
10201404	3	76,762	124	.01	0			
10300102	7	64,446	17	<.01	0			
10300103	5	13,412	66	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

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Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
-----	---	-----	-----	---	-----	-----	-----	-----
10300205	5	75,029	6	<.01	0			
10300206	8	245,065	14	<.01	0			
10300207	71	585,840	167	.01	0			
10300208	64	280,244	303	.01	0			
10300209	73	1,040,631	172	.01	0			
10300211	2	3,000	2	<.01	0			
10300214	4	7,397	16	<.01	0			
10300217	1	16,858	1	<.01	0			
10300222	2	65,240	2	<.01	0			
10300224	2	34,342	2	<.01	0			
10300225	5	95,773	6	<.01	0			
10300309	3	70,000	210	.01	0			
10300401	202	254,841	718	.03	0			
10300402	9	15,583	32	<.01	0			
10300404	4	4,305	5	<.01	0			
10300501	14	4,274	82	<.01	1	2	2.44	<.01
10300502	1	3,393	2	<.01	0			
10300504	23	24,501	95	<.01	0	12	46.15	<.01
10300601	9	30,231	26	<.01	2			
10300602	21	21,365	34	<.01	0			
10300603	5	55	64	<.01	0			
10300701	5	1,337	30	<.01	0			
10300799	2	6,155	76	<.01	1	70	92.11	<.01
10300901	2	50,501	22	<.01	0			
10300902	6	191,772	82	<.01	0	52	28.73	<.01
10300903	25	390,556	181	.01	4			
10301201	5	617,488	43	<.01	0			
10301301	1	0	51	<.01	0			
10500105	4	532,278	369	.02	1	2	.54	<.01
10500106	9	34,176	758	.04	2	704	92.88	.03
10500205	1	2,544	2	<.01	0			
20100101	77	81,733	464	.02	0			
20100102	81	12,984	154	.01	1	6	3.90	<.01
20100201	65	90,639	685	.03	13	270	39.42	.01
20100202	67	18,659	182	.01	10	20	10.99	<.01
20100901	16	6,209	79	<.01	0			
20100902	1	3	14	<.01	0			
20200101	3	1,557	6	<.01	0			
20200102	51	13,746	247	.01	8	31	12.55	<.01
20200103	2	9,700	20	<.01	0			
20200201	137	130,351	668	.03	28	221	33.08	.01
20200202	2178	235,726	15,682	.73	519	2,468	15.74	.11
20200203	10	9,621	139	.01	3	73	52.52	<.01
20200204	8	7,325	15	<.01	0			
20200301	37	2,188	223	.01	0			
20200401	7	7,600	97	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.
 Miss Points = Number of points with missing activity rates.
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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
20200501	8	2,425	61	<.01	0			
20200901	4	652	19	<.01	1	12	63.16	<.01
20201001	3	1,223	13	<.01	0			
20300101	12	4,470	53	<.01	0			
20300201	38	8,719	213	.01	0			
20300202	1	530	5	<.01	0			
20300301	24	1,018	2,260	.10	0			
20301001	4	642	7	<.01	0			
20400101	42	18,588	1,855	.09	4	323	17.41	.01
20400201	1	253	12	<.01	0			
20400301	2		12	<.01	2	12	100.00	<.01
20400401	5	20,493	1,575	.07	0			
20400402	12	6,887	82	<.01	0			
28888801	1		6	<.01	1	6	100.00	<.01
28888802	14	357,153	308	.01	0			
28888803	1		4	<.01	1	4	100.00	<.01
30100101	4	1,348	15	<.01	3	13	86.67	<.01
30100103	7	227,760	4,275	.20	6	2,615	61.17	.12
30100104	6		544	.03	6	544	100.00	.03
30100105	3		33	<.01	3	33	100.00	<.01
30100199	1		7	<.01	1	7	100.00	<.01
30100305	6	1,049,720	1,543	.07	1	7	.45	<.01
30100306	22	12,383,073	816	.04	5	388	47.55	.02
30100308	12	3,126,158	1,570	.07	1	66	4.20	<.01
30100309	16	2,493,577	2,033	.09	1	78	3.84	<.01
30100399	3	874,993	552	.03	0			
30100501	1		140	.01	1	140	100.00	.01
30100503	10	98,178	6,155	.29	4	2,424	39.38	.11
30100504	43	925,454	25,958	1.20	5	599	2.31	.03
30100506	8	34,887	1,762	.08	7	1,761	99.94	.08
30100507	11	227,489	24	<.01	2	6	25.00	<.01
30100508	4		1,156	.05	4	1,156	100.00	.05
30100509	12	0	3,911	.18	7	1,312	33.55	.06
30100599	3	9,125	771	.04	2	767	99.48	.04
30100601	36	172,659	24,729	1.15	0			
30100603	17	96,020	12,577	.58	0			
30100604	1	1,304	2	<.01	0			
30100699	5	199,602	98	<.01	0			
30100799	3		159	.01	3	159	100.00	.01
30100801	2	333,000	129	.01	1	112	86.82	.01
30100899	5		1,082	.05	5	1,082	100.00	.05
30100901	3	147,157	4	<.01	0			
30100902	1	50	9	<.01	0			
30100999	6	143,935	196	.01	1	2	1.02	<.01
30101012	1	38,438	51	<.01	0			
30101022	1	78,540	51	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

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Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30101099	13	649,781	35	<.01	1	2	5.71	<.01
30101101	2		10	<.01	2	10	100.00	<.01
30101199	4	1	218	.01	3	154	70.64	.01
30101401	64	420,494	6,336	.29	3	269	4.25	.01
30101402	1	34	12	<.01	0			
30101499	8	32,795	542	.03	1	74	13.65	<.01
30101501	2	741	15	<.01	0			
30101502	1	280	21	<.01	0			
30101503	4	6,465	239	.01	0			
30101599	5	69,915	440	.02	0			
30101601	1		7	<.01	1	7	100.00	<.01
30101602	3		525	.02	3	525	100.00	.02
30101801	41	595,155	2,444	.11	31	2,322	95.01	.11
30101802	139	1,604,982	11,446	.53	71	6,474	56.56	.30
30101803	9		321	.01	9	321	100.00	.01
30101805	2	1	152	.01	1	8	5.26	<.01
30101807	113	1,046,702	16,595	.77	103	15,102	91.00	.70
30101808	3		54	<.01	3	54	100.00	<.01
30101809	2		36	<.01	2	36	100.00	<.01
30101810	1		18	<.01	1	18	100.00	<.01
30101811	2		115	.01	2	115	100.00	.01
30101812	128	2,870,251	15,527	.72	106	14,395	92.71	.67
30101813	1		30	<.01	1	30	100.00	<.01
30101817	30	1,075,724	6,129	.28	8	734	11.98	.03
30101820	3	5,006	114	.01	2	94	82.46	<.01
30101821	7		105	<.01	7	105	100.00	<.01
30101822	10	133,577	148	.01	4	61	41.22	<.01
30101827	1	0	17	<.01	0			
30101832	5	223,032	2,587	.12	0			
30101837	11	313,933	977	.05	0			
30101838	2	9,273	19	<.01	0			
30101842	1	553	1	<.01	0			
30101847	14	2,201	455	.02	13	406	89.23	.02
30101852	20	153	2,077	.10	19	1,924	92.63	.09
30101860	3		585	.03	3	585	100.00	.03
30101861	3		126	.01	3	126	100.00	.01
30101863	2		91	<.01	2	91	100.00	<.01
30101864	3		227	.01	3	227	100.00	.01
30101865	1		17	<.01	1	17	100.00	<.01
30101866	2	34,474	84	<.01	0			
30101890	1	10,091	19	<.01	0			
30101891	40	25,624	566	.03	37	539	95.23	.03
30								
30102099	1	194	.01	1	117	60.31	.01	
	3	81,546	2,297	.11	1	7	.30	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.
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Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30102104	1	13,000	1	<.01	0			
30102108	1		8	<.01	1	8	100.00	<.01
30102199	1		5	<.01	1	5	100.00	<.01
30102201	1		11	<.01	1	11	100.00	<.01
30102308	1	33,200	6	<.01	0			
30102310	2	864,030	22	<.01	0			
30102321	1	0	17	<.01	0			
30102401	34	620,658	1,801	.08	6	116	6.44	.01
30102402	2	20,000	1,210	.06	1	310	25.62	.01
30102410	4	40,200	2,118	.10	3	308	14.54	.01
30102414	2		38	<.01	2	38	100.00	<.01
30102415	2	2,941	155	.01	1	150	96.77	.01
30102416	1		1	<.01	1	1	100.00	<.01
30102423	5	125,584	1,042	.05	0			
30102424	3	61,232	66	<.01	0			
30102425	1		6	<.01	1	6	100.00	<.01
30102427	2		10	<.01	2	10	100.00	<.01
30102499	10	489	663	.03	8	60	9.05	<.01
30102501	3	195,000	10,235	.47	1	436	4.26	.02
30102505	2	334,190	8,800	.41	0			
30102599	4		52	<.01	4	52	100.00	<.01
30102601	143	200,236	17,016	.79	136	15,705	92.30	.73
30102602	1		27	<.01	1	27	100.00	<.01
30102608	1	0	8,800	.41	0			
30102609	10		2,924	.14	10	2,924	100.00	.14
30102611	1		9	<.01	1	9	100.00	<.01
30102612	1	1	37	<.01	0			
30102614	1		10	<.01	1	10	100.00	<.01
30102615	4		1,860	.09	4	1,860	100.00	.09
30102616	2	0	78	<.01	0			
30102625	18		418	.02	18	418	100.00	.02
30102699	124	608,902	14,145	.66	65	9,348	66.09	.43
30102723	1	46,232	4	<.01	0			
30102921	1	214,149	1	<.01	0			
30103001	9	2,103,760	14	<.01	0			
30103002	5	2,789,076	316	.01	0			
30103101	3	320,850	6,412	.30	0			
30103102	1	1	8,765	.41	0			
30103103	7	1,416,003	8,370	.41	0			
30103104	6	6	720	.03	0			
30103105	5	4	1,274	.06	0			
30103199	13	413,217	594	.03	0			
30103201	8	47,152	40	<.01	2	9	22.50	<.01
30103202	8	317,630	182	.01	0			
30103203	3	15,733	24	<.01	0			
30103204	14	281,724	1,034	.05	9	858	82.98	.04

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

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Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30103299	1		12	<.01	1		12 100.00	<.01
30103301	1	1,000	21	<.01	0			
30103399	45	1,804,456	3,941	.18	33	3,250	82.47	.15
30103402	4		28	<.01	4	28	100.00	<.01
30103410	2		525	.02	2	525	100.00	.02
30103412	2		12	<.01	2	12	100.00	<.01
30103414	1		5	<.01	1	5	100.00	<.01
30103415	3		328	.02	3	328	100.00	.02
30103420	1	94,608	48	<.01	0			
30103499	31	1,027,905	3,540	.16	18	426	12.03	.02
30103503	1	9,363	1	<.01	0			
30103552	2	0	14	<.01	0			
30103599	3	530,001	84	<.01	0			
30104001	2	668,382	164	.01	0			
30104002	1	0	304	.01	0			
30104003	1	1	24	<.01	0			
30104004	3	385,865	18	<.01	0	34	100.00	<.01
30104199	2		34	<.01	2	1,844	100.00	.09
30104202	9		1,844	.09	9	13	100.00	<.01
30104203	2		13	<.01	2	3	100.00	<.01
30104204	3		3	<.01	3	859	75.02	.04
30105001	18	5,935,000	1,145	.05	12			
30106001	3	242,820	178	.01	0			
30106002	2	69,474	260	.01	0			
30106003	2	3,000	714	.03	0			
30106005	3	0	459	.02	0			
30106006	1	0	9	<.01	0	59	18.97	<.01
30106008	4	2,860	311	.01	3	13	10.48	<.01
30106009	4	32,924	124	.01	1	229	54.14	.01
30106010	15	0	423	.02	13	510	8.53	.02
30106099	40	1,398,357	5,978	.28	10	6	9.38	<.01
30107002	2	27,302	64	<.01	1	273	45.20	.01
30109101	7		604	.03	5	38	100.00	<.01
30109105	6		38	<.01	6	79	100.00	<.01
30109151	2		79	<.01	2	108	100.00	.01
30109152	3		108	.01	3	173	100.00	.01
30109153	4		173	.01	4			
30109154	1	358	358	.02	0	398	48.36	.02
30109199	22	0	823	.04	21			
30110002	3	20,142	356	.02	0	5,756	99.86	.27
30110099	3	27,998	5,764	.27	2			
30111199	2	6,434	247	.01	0	220	62.68	.01
30112001	5	209,334	351	.02	1			
30112002	5	183,276	1,075	.05	0	1,109	76.32	.05
30112005	4	1,686	1,453	.07	3	1,486	100.00	.07
30112011	8		1,486	.07	8			

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Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
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30112017	1		9	<.01	1	9	100.00	<.01
30112021	8		197	.01	8	197	100.00	.01
30112099	8	0	814	.04	7	528	64.86	.02
30112199	11		227	.01	11	227	100.00	.01
30112501	9	840,948	88	<.01	2	31	35.23	<.01
30112502	9	80	465	.02	8	451	96.99	.02
30112510	4	117,600	99	<.01	2	3	3.03	<.01
30112514	4	162,325	21	<.01	0			
30112515	1	1,100	201	.01	0			
30112520	1		6	<.01	1	6	100.00	<.01
30112524	5		144	.01	5	144	100.00	.01
30112530	1		8	<.01	1	8	100.00	<.01
30112531	2		14	<.01	2	14	100.00	<.01
30112533	1		8	<.01	1	8	100.00	<.01
30112540	2	0	111	.01	1	10	9.01	<.01
30112550	2		247	.01	2	247	100.00	.01
30112599	61	3,007,168	2,973	.14	31	1,657	55.73	.08
30112699	1		29	<.01	1	29	100.00	<.01
30113201	8		31	<.01	8	31	100.00	<.01
30113205	1		293	.01	1	293	100.00	.01
30113210	8	496,970	275	.01	2	164	59.64	.01
30113224	1		13	<.01	1	13	100.00	<.01
30113299	81	18,396	2,989	.14	74	2,487	83.21	.12
30113301	1	43,680	20	<.01	0			
30113380	4		45	<.01	4	45	100.00	<.01
30113799	32	0	1,049	.05	28	1,025	97.71	.05
30114004	4	10,952	15	<.01	0			
30114005	1	0	455	.02	0			
30115301	6		1,116	.05	6	1,116	100.00	.05
30115312	4		628	.03	4	628	100.00	.03
30115321	1		1	<.01	1	1	100.00	<.01
30115322	2		728	.03	2	728	100.00	.03
30115380	52		3,919	.18	52	3,919	100.00	.18
30115701	2		53	<.01	2	53	100.00	<.01
30115704	1		133	.01	1	133	100.00	.01
30116701	2		207	.01	2	207	100.00	.01
30116799	21	0	502	.02	20	471	93.82	.02
30116901	9		293	.01	9	293	100.00	.01
30116905	1		26	<.01	1	26	100.00	<.01
30116980	3		64	<.01	3	64	100.00	<.01
30117401	23	0	1,736	.08	22	1,554	89.52	.07
30117411	2		346	.02	2	346	100.00	.02
30117613	1		74	<.01	1	74	100.00	<.01
30118101	7		184	.01	7	184	100.00	.01
30118105	1		65	<.01	1	65	100.00	<.01
30118180	1		2	<.01	1	2	100.00	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.

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Appendix E
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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30119701	102	9,755,211	9,481	.44	84	8,854	93.39	.41
30119705	17	88,533	9,818	.46	16	9,774	99.55	.45
30119708	1		2	<.01	1	2	100.00	<.01
30119709	1		396	.02	1	396	100.00	.02
30119710	2		23	<.01	2	23	100.00	<.01
30119741	1		178	.01	1	178	100.00	.01
30119743	4		1,488	.07	4	1,488	100.00	.07
30119745	11		1,973	.09	11	1,973	100.00	.09
30119749	3		448	.02	3	448	100.00	.02
30119799	66	400,023	4,408	.20	61	4,053	91.95	.19
30120201	4		201	.01	4	201	100.00	.01
30120540	1		9	<.01	1	9	100.00	<.01
30120601	6	47,505	143	.01	5	116	81.12	.01
30120602	1		16	<.01	1	16	100.00	<.01
30120603	1		324	.02	1	324	100.00	.02
30120680	2	745	745	.03	0			
30121180	3		76	<.01	3	76	100.00	<.01
30125001	23	2,935,305	128	.01	15	94	73.44	<.01
30125003	1		2	<.01	1	2	100.00	<.01
30125004	8		14	<.01	8	14	100.00	<.01
30125005	11		452	.02	11	452	100.00	.02
30125010	12	1,789,355	1,673	.08	0			
30125015	10		495	.02	10	495	100.00	.02
30125020	5		141	.01	5	141	100.00	.01
30125025	5		200	.01	5	200	100.00	.01
30125099	48	40,862,814	3,843	.18	30	3,258	84.78	.15
30125101	19		1,405	.07	19	1,405	100.00	.07
30125201	5		129	.01	5	129	100.00	.01
30125301	4		180	.01	4	180	100.00	.01
30125316	4		247	.01	4	247	100.00	.01
30125401	3	7,556	32	<.01	1	16	50.00	<.01
30125405	16	162,670	6,755	.31	15	6,745	99.85	.31
30125406	1	163,670	10,920	.51	0			
30125410	1		6	<.01	1	6	100.00	<.01
30125415	4		125	.01	4	125	100.00	.01
30125499	8	59,013	587	.03	6	452	77.00	.02
30125801	10	376,269	500	.02	7	430	86.00	.02
30125802	4		280	.01	4	280	100.00	.01
30125805	3	1,050	60	<.01	2	14	23.33	<.01
30125810	10	0	644	.03	8	260	40.37	.01
30125815	6		245	.01	6	245	100.00	.01
30125880	4		261	.01	4	261	100.00	.01
30125899	37	2,413,261	2,594	.12	26	1,958	75.48	.09
30130501	1		10	<.01	1	10	100.00	<.01
30180001	84	1	2,981	.14	82	2,408	80.78	.11
30181001	11	27,230	469	.02	8	67	14.29	<.01

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30182001	13		1,471	.07	13	1,471	100.00	.07
30183001	130	2,415,283	5,804	.27	98	4,759	82.00	.22
30184001	55	1,723,188	5,126	.24	43	1,052	20.52	.05
30187097	2		32	<.01	2	32	100.00	<.01
30187597	1		11	<.01	1	11	100.00	<.01
30188801	143	20,441,810	10,882	.50	88	7,952	73.07	.37
30188802	4	114,316	67	<.01	0			
30188803	4	280,000	445	.02	2	27	6.07	<.01
30188804	2	3,061	2	<.01	0			
30188805	1	6,000	1	<.01	0			
30190003	24	190	58	<.01	23	49	84.48	<.01
30190013	2	7	4	<.01	1	3	75.00	<.01
30190014	1		437	.02	1	437	100.00	.02
30190099	35	145,948	992	.05	15	738	74.40	.03
30199998	39	4,320,672	2,376	.11	28	1,970	82.91	.09
30199999	844	41,447,330	66,568	3.09	456	21,861	32.84	1.01
30200202	3	27,499	31	<.01	2	12	38.71	<.01
30200299	1		26	<.01	1	26	100.00	<.01
30200301	1		102	<.01	1	102	100.00	<.01
30200604	1	16,800	3	<.01	0			
30200743	1	178,080	25	<.01	0			
30200756	1	75,600	470	.02	0			
30200782	6	2,404,070	1,676	.08	0			
30200787	2	742,000	11	<.01	0			
30200788	1	280,462	5	<.01	0			
30200789	3	1,946,884	284	.01	0			
30200799	4	808,102	949	.04	0			
30200902	10	336,892	276	.01	4	60	21.74	<.01
30200903	7	724,760	519	.02	0			
30200904	1	632,282	79	<.01	0			
30200998	1	1,462,829	182	.01	0			
30201002	2	62,866	95	<.01	0			
30201003	25	4,957,342	23,712	1.10	0			
30201301	1	14,991	1	<.01	0			
30201401	5	113,580	4,199	.19	0			
30201601	15	6,939,967	388	.02	0			
30201899	6	40,377	274	.01	0			
30201901	3	418,858	74	<.01	0			
30201902	2	29,700	231	.01	1	174	75.32	.01
30201903	6	1,089,658	2,392	.11	1	1,039	43.44	.05
30201911	7	1,671,779	1,242	.06	0			
30201912	11	1,375,932	1,084	.05	0			
30201913	2	1,002,150	250	.01	0			
30201914	8	1,763,078	2,717	.13	0			
30201915	5	297,421	613	.03	0			
30203001	1	12,205	1	<.01	0			

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30203201	6	80,332	521	.02	0			
30203202	1	16,458	107	<.01	0	737	99.33	.03
30203399	3	27,250	742	.03	2			
30203601	1	80,000	740	.03	0			
30288801	2	10,683	92	<.01	0	95	2.94	<.01
30299998	19	1,144,349	3,233	.15	2	8	.28	<.01
30299999	8	1,790,552	2,835	.13	2	2	22.22	<.01
30300002	6	0	9	<.01	1			
30300101	16	492,346	85	<.01	0			
30300102	3	307,879	20	<.01	0			
30300103	1	180,000	90	<.01	0			
30300104	1	82,595	1	<.01	0			
30300105	4	511,463	87	<.01	0			
30300107	3	144,083	130	.01	0			
30300199	4	199,662	12	<.01	4	14	82.35	<.01
30300201	7	499,671	17	<.01	2	112	1.28	.01
30300302	78	35,832,169	8,739	.41	2	12	2.21	<.01
30300303	48	27,181,479	543	.03	2	1	.63	<.01
30300304	16	9,371,619	158	.01	1	7	.45	<.01
30300306	42	15,803,926	1,552	.07	1			
30300308	43	20,483,448	2,225	.10	0			
30300313	7	7,504,031	615	.03	0			
30300314	13	7,530,108	448	.02	0			
30300315	13	6,505,098	3,056	.14	0			
30300316	4	125,067	227	.01	0	690	84.35	.03
30300399	3	773,994	818	.04	2			
30300401	1	56,777	13	<.01	0			
30300502	1	236,254	1	<.01	0			
30300601	1	25,349	51	<.01	0			
30300603	1	12,500	1	<.01	0			
30300604	9	260,129	7,800	.36	0			
30300617	4	42,045	53	<.01	0			
30300699	1	225,916	4	<.01	0			
30300813	19	18,202,052	2,364	.11	0			
30300819	2	2,158,600	14	<.01	0			
30300824	7	10,283,829	21	<.01	0			
30300825	7	3,031,983	3,008	.14	0			
30300899	1	429,697	1	<.01	0			
30300901	4	5,684,971	52	<.01	0	9	1.14	<.01
30300904	50	4,991,731	787	.04	1			
30300907	7	5,572,616	7	<.01	0			
30300908	5	802,625	140	.01	0			
30300911	20	11,238,740	60	<.01	0			
30300913	2	5,309,004	2	<.01	0			
30300914	3	4,010,104	3	<.01	0			
30300915	1	2,160,797	1	<.01	0			

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30300916	1	985,072	3	<.01	0			
30300917	3	1,543,984	4	<.01	0			
30300931	7	5,076,646	25	<.01	0			
30300933	23	13,689,393	99	<.01	2	9	9.09	<.01
30300934	3	1,822,497	42	<.01	0			
30300935	2	969,710	86	<.01	0			
30300936	1	478,559	17	<.01	0			
30300999	7	945,602	64	<.01	0			
30301009	1	240,000	4	<.01	0			
30301403	6	464,113	65	<.01	0			
30301499	1	15,000	1	<.01	0			
30302312	5	10,895,643	5	<.01	0			
30388801	1	10,000	1	<.01	0			
30390023	2	3,153	9	<.01	0			
30390024	1	2,423	3	<.01	0			
30399999	5	207,600	22	<.01	1	4	18.18	<.01
30400102	6	60,128	318	.01	0			
30400103	49	1,835,111	685	.03	1	9	1.31	<.01
30400109	2	99,120	54	<.01	0			
30400110	11	795,501	3,644	.17	3	69	1.89	<.01
30400111	3	18,300	959	.04	0			
30400120	12	65,713	1,028	.05	7	237	23.05	.01
30400150	11	5,920,624	996	.05	3	28	2.81	<.01
30400199	17	1,690,506	306	.01	4	107	34.97	<.01
30400215	2	104,832	272	.01	0			
30400301	43	1,504,177	201	.01	0			
30400303	6	50,205	315	.01	0			
30400304	14	169,799	19	<.01	0			
30400305	3		4	<.01	3	4	100.00	<.01
30400320	20	5,904,721	416	.02	0			
30400331	12	1,420,752	859	.04	0			
30400332	2	57,556	35	<.01	0			
30400333	9	6,754,410	4,081	.19	0			
30400340	1		70	<.01	1	70	100.00	<.01
30400350	11	509,989	321	.01	0			
30400351	2	57,751	56	<.01	0			
30400360	1	15	18	<.01	0			
30400398	1		6	<.01	1	6	100.00	<.01
30400399	5	90,777	131	.01	0			
30400402	1	12,000	1	<.01	0			
30400499	8	175,000	480	.02	0			
30400599	7	51,436	166	.01	0			
30400699	3	458,189	3	<.01	0			
30400701	3	263,488	8	<.01	0			
30400702	4		7	<.01	4	7	100.00	<.01
30400703	1	15,440	1	<.01	0			

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
30400704	7	797,075	107	<.01	0			
30400708	2	62,595	5	<.01	0			
30400709	1	54,003	33	<.01	0			
30400715	3	180,396	7	<.01	0			
30400799	5	3,982,488	155	.01	2	147	94.84	.01
30400806	1	22,946	1	<.01	0			
30400899	1	36,000	1	<.01	0			
30402001	1	64,427	2	<.01	0			
30402004	6	336,002	150	.01	1	5	3.33	<.01
30402099	1	0	21	<.01	0			
30405001	6	18,555	144	.01	0			
30490003	23	1,180,679	792	.04	0			
30499999	14	451,729	408	.02	1	1	.25	<.01
30500101	9	981,344	324	.02	0			
30500102	6	57,070	124	.01	1	9	7.26	<.01
30500103	3	371,272	5	<.01	0			
30500104	4	317,634	88	<.01	0			
30500105	4	217,795	40	<.01	0			
30500198	2	1,793,024	57	<.01	0			
30500201	28	7,539,472	125	.01	0			
30500203	1	464,000	21	<.01	0			
30500204	8	962,107	60	<.01	0			
30500206	3	1,175	8	<.01	1	6	75.00	<.01
30500299	1	1,000	1	<.01	0			
30500301	3	195,000	3	<.01	0			
30500304	1	72,000	1	<.01	0			
30500307	3	415,498	4	<.01	0			
30500311	6	476,250	42	<.01	1	5	11.90	<.01
30500313	12	429,670	156	.01	6	81	51.92	<.01
30500316	11	110,198	43	<.01	0			
30500398	1	43,780	131	.01	0			
30500399	3	135,635	16	<.01	0			
30500606	56	19,452,417	213	.01	1	13	6.10	<.01
30500699	1	1,290,480	39	<.01	0			
30500706	12	3,379,768	205	.01	0			
30500709	1		6	<.01	1	6	100.00	<.01
30500801	3	340,780	13	<.01	0			
30500902	2	7,344	2	<.01	0			
30500999	1	174,720	1	<.01	0			
30501001	57	42,768,567	2,166	.10	8	340	15.70	.02
30501002	3	750,000	33	<.01	0			
30501004	2	669,526	30	<.01	0			
30501007	1	654,500	29	<.01	0			
30501009	1		9	<.01	1	9	100.00	<.01
30501099	1		1,788	.08	1	1,788	100.00	.08
30501201	1	27,300	7	<.01	0			

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30501202	3	167,552	10	<.01	0			
30501203	1	19,740	2	<.01	0			
30501204	27	627,278	1,244	.06	2	39	3.14	<.01
30501205	25	349,038	663	.03	1	17	2.56	<.01
30501206	10	465,070	33	<.01	3	24	72.73	<.01
30501208	4	36,580	6	<.01	0			
30501209	13	49,316	146	.01	0			
30501215	6		177	.01	6	177	100.00	.01
30501299	7	10,176	261	.01	2	55	21.07	<.01
30501401	10	1,026,440	213	.01	0			
30501402	109	6,156,897	451	.02	4	25	5.54	<.01
30501403	16	2,114,357	91	<.01	2	13	14.29	<.01
30501404	22	786,354	88	<.01	0			
30501406	9	711,942	2,369	.11	2	477	20.14	.02
30501408	7	643,067	966	.04	0			
30501411	5	12	25	<.01	0			
30501499	6	634,986	52	<.01	0			
30501501	7	1,649,341	13	<.01	2	5	38.46	<.01
30501503	2		10	<.01	2	10	100.00	<.01
30501511	1	369,000	3	<.01	0			
30501512	1	139,491	1	<.01	0			
30501599	1	46,000	1	<.01	0			
30501603	4	410,688	8	<.01	0			
30501604	49	6,367,413	930	.04	5	71	7.63	<.01
30501605	3	707,184	8	<.01	1	1	12.50	<.01
30501606	1	67,909	1	<.01	0			
30501617	1	66,241	1	<.01	0			
30501701	1	35,228	6	<.01	0			
30501703	1	70,000	28	<.01	0			
30501704	1	26,546	1	<.01	0			
30501899	5	267,840	63	<.01	4	17	26.98	<.01
30501901	8	10,038,189	19	<.01	0			
30502008	1		6	<.01	1	6	100.00	<.01
30502012	4	271,000	46	<.01	0			
30502401	1	81,990	23	<.01	0			
30502699	1	124,118	2	<.01	0			
30503203	1	510	53	<.01	0			
30504033	1	156,438	1	<.01	0			
30504099	3	1,477	3	<.01	2	2	66.67	<.01
30510498	1	296,825	137	.01	0			
30599999	9	2,208,445	209	.01	0			
30600101	15	61,777	109	.01	1	68	62.39	<.01
30600102	19	32,483,391	26	<.01	2	6	23.08	<.01
30600103	160	3,259,352	2,685	.12	26	149	5.55	.01
30600104	422	965,931	3,774	.18	243	3,029	80.26	.14
30600105	14	10,483	18	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

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Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
-----	---	-----	-----	---	----	-----	-----	-----
30600106	273	137,557	871	.04	11	174	19.98	.01
30600107	13	58,313	22	<.01	0			
30600199	3	1	15	<.01	2	12	80.00	<.01
30600201	160	1,083,720	32,011	1.49	93	10,734	33.53	.50
30600202	5		169	.01	5	169	100.00	.01
30600301	31	13,026	1,450	.07	28	1,154	79.59	.05
30600401	59	11,516,908	7,844	.36	29	6,739	85.91	.31
30600402	7	322,287	904	.04	3	178	19.69	.01
30600503	101	41,129,601	26,513	1.23	33	11,729	44.24	.54
30600504	45	764,661	10,707	.50	18	2,402	22.43	.11
30600505	41	3,347,483	6,033	.28	33	5,343	88.56	.25
30600506	16	101,983	2,237	.10	13	335	14.98	.02
30600602	50	40,544	5,243	.24	43	3,873	73.87	.18
30600603	63	316,701	6,025	.28	48	2,664	44.22	.12
30600701	157	1,242,603	7,380	.34	97	4,149	56.22	.19
30600702	37	223,431	2,113	.10	26	1,079	51.06	.05
30600801	59	2,290,528	11,262	.52	8	255	2.26	.01
30600802	31	524,929	1,027	.05	1	12	1.17	<.01
30600803	46	733,563	3,531	.16	8	577	16.34	.03
30600804	33	753,180	1,651	.08	3	504	30.53	.02
30600805	70	2,528,862	8,302	.39	25	1,421	17.12	.07
30600806	10	243,642	755	.04	2	14	1.85	<.01
30600807	3	143,494	21	<.01	0			
30600811	10	6,091	611	.03	0			
30600812	38	184,984	2,865	.13	5	324	11.31	.02
30600813	14	81,051	198	.01	0			
30600814	1		28	<.01	1	28	100.00	<.01
30600816	4	17,857	59	<.01	0			
30600817	33	4,540	1,531	.07	0			
30600818	10	1,162	144	.01	0			
30600819	35	365	1,297	.06	1	644	49.65	.03
30600820	10	96	63	<.01	1	23	36.51	<.01
30600822	41	3,113	1,191	.06	0			
30600902	1		37	<.01	1	37	100.00	<.01
30600903	3	4	86	<.01	2	85	98.84	<.01
30600904	8	9,294	26	<.01	7	22	84.62	<.01
30600999	16	38,652	817	.04	12	442	54.10	.02
30601001	6	100,157	14	<.01	0			
30601101	24	12,109,001	2,013	.09	9	847	42.08	.04
30601201	12	18,427	445	.02	8	342	76.85	.02
30601401	6	953,000	117	.01	4	45	38.46	<.01
30609904	3	187	3	<.01	1	1	33.33	<.01
30610001	14	216,754	2,571	.12	10	370	14.39	.02
30688801	164	11,390,254	25,078	1.16	124	7,546	30.09	.35
30688802	17	30,943	1,913	.09	15	1,894	99.01	.09
30688803	46	23,320	2,824	.13	41	2,138	75.71	.10

Emissions in tons/year. Activity rate in appropriate SCC units.

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Appendix E
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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
-----	---	-----	-----	---	----	-----	-----	-----
30688804	8		1,935	.09	8	1,935	100.00	.09
30688805	10		761	.04	10	761	100.00	.04
30699998	19	4,099,890	625	.03	4	93	14.88	<.01
30699999	229	41,990,845	10,897	.51	167	9,068	83.22	.42
30700101	4	721,572	1,859	.09	1	44	2.37	<.01
30700102	11	1,807,400	196	.01	2	37	18.88	<.01
30700103	3	724,332	71	<.01	0			
30700104	86	13,302,406	14,956	.69	9	798	5.34	.04
30700105	66	14,510,921	1,092	.05	1	3	.27	<.01
30700106	78	19,123,064	3,467	.16	3	27	.78	<.01
30700107	8	1,822,954	80	<.01	1	9	11.25	<.01
30700108	6	557,893	215	.01	0			
30700109	3	861,000	170	.01	0			
30700110	23	4,956,570	6,249	.29	0			
30700199	15	663,574	1,146	.05	4	456	39.79	.02
30700221	1	152,600	268	.01	0			
30700222	3	418,952	422	.02	0			
30700231	1	156,736	18	<.01	0			
30700301	2	237,689	344	.02	0			
30700303	2	45,793	22	<.01	0			
30700401	11	572,372	463	.02	1	308	66.52	.01
30700402	10	173,083	186	.01	3	13	6.99	<.01
30700501	1	0	14	<.01	0			
30700597	2	3,111	120	.01	0			
30700599	3		30	<.01	3	30	100.00	<.01
30700701	43	1,050,368	1,053	.05	13	306	29.06	.01
30700702	3		21	<.01	3	21	100.00	<.01
30700703	2	119,159	98	<.01	0			
30700704	6	43,552	860	.04	0			
30700705	1	114,435	57	<.01	0			
30700706	2	105,813	53	<.01	0			
30700707	3	137,856	100	<.01	0			
30700715	10	361,629	959	.04	3	415	43.27	.02
30700798	1	67,414	5	<.01	0			
30700799	14	1,789,924	898	.04	0			
30700898	2		68	<.01	2	68	100.00	<.01
30700899	8	145,900	255	.01	3	103	40.39	<.01
30701199	1	0	104	<.01	0			
30701399	6	4	132	.01	2	56	42.42	<.01
30702099	8	29,788	1,134	.05	0			
30788801	7	141,799	1,868	.09	1	425	22.75	.02
30788804	2		9	<.01	2	9	100.00	<.01
30788898	1	0	60	<.01	0			
30790002	1	3,364	1	<.01	0			
30790003	1	529	1	<.01	0			
30790013	1		8	<.01	1	8	100.00	<.01

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30799998	1	0	25	<.01	0			
30799999	22	1,083,871	2,224	.10	0			
30800101	16	143,473	2,796	.13	0	10	3.22	<.01
30800102	10	121,178	311	.01	1			
30800103	1	72,000	7	<.01	0	10	2.76	<.01
30800104	6	81,721	362	.02	1			
30800105	15	497,103	1,043	.05	0	1,346	30.63	.06
30800106	39	110,436	4,395	.20	17			
30800107	5	113,203	67	<.01	0			
30800108	2	1,106	13	<.01	0			
30800120	3	86,086	534	.02	0			
30800121	3	85,861	109	.01	0			
30800123	1	85,800	2	<.01	0	1,546	82.37	.07
30800197	14	429,012	1,877	.09	7			
30800198	16	235,660	1,769	.08	0	3,077	45.94	.14
30800199	90	902,111	6,698	.31	36	1,063	71.53	.05
30800699	24	23,604	1,486	.07	9			
30800701	4	32,549	95	<.01	0	67	52.34	<.01
30800702	4	7,292	128	.01	2			
30800703	20	5,207	1,413	.07	0			
30800704	2	3,280	1,326	.06	0	106	100.00	<.01
30800705	5		106	<.01	5			
30800720	2	4,268	160	.01	0			
30800721	3	271,441	121	.01	0			
30800722	9	2,131	441	.02	0			
30800723	2	257	30	<.01	0			
30800724	16	16,524	1,059	.05	0	331	7.83	.02
30800799	61	405,477	4,225	.20	21			
30899999	20	65,323	4,625	.21	0	65	100.00	<.01
30900198	1		65	<.01	1			
30900199	3	14,494	20	<.01	0	27	100.00	<.01
30900202	1		27	<.01	1			
30900205	1	1	6	<.01	0			
30901099	1	499	48	<.01	0	8	100.00	<.01
30901101	1	500	6	<.01	0			
30901199	1		8	<.01	1			
30901601	1	25,000	202	.01	0	154	33.41	.01
30902099	5	24,576	461	.02	4	219	82.02	.01
30903099	8	11,733	267	.01	6	138	42.99	.01
30988801	13	4,655	321	.01	4			
30999998	3	105	105	<.01	0	741	51.28	.03
30999999	47	263,633	1,445	.07	11			
31000101	4	306	18	<.01	0			
31000102	2	347	22	<.01	0			
31000103	3	234	18	<.01	0			
31000104	6	72,118	53	<.01	0			

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
31000105	1	35,864	44	<.01	0			
31000199	37	9,125	891	.04	36	854	95.85	.04
31000201	32	1,370	1,373	.06	30	1,358	98.91	.06
31000202	20	300,453	107	<.01	4	31	28.97	<.01
31000203	442	198,630	2,779	.13	392	2,086	75.06	.10
31000204	11	181,335	1,484	.07	0			
31000205	14	63,748	279	.01	4	97	34.77	<.01
31000206	2	25,915	34	<.01	1	4	11.76	<.01
31000299	37	1,585,329	1,837	.09	19	628	34.19	.03
31000404	8	6,582	21	<.01	3	6	28.57	<.01
31000413	1	2,843	8	<.01	0			
31000414	4	0	53	<.01	3	52	98.11	<.01
31000415	1		35	<.01	1	35	100.00	<.01
31088801	34	133,195	783	.04	33	741	94.64	.03
31088802	7		30	<.01	7	30	100.00	<.01
31088803	1		13	<.01	1	13	100.00	<.01
31088804	1		20	<.01	1	20	100.00	<.01
31088805	4	5,657	492	.02	2	482	97.97	.02
31299999	9	3,203	198	.01	0			
31399999	7	4	259	.01	0			
31499999	5	3	154	.01	0			
31502001	7	431	431	.02	0			
32099998	5	88,260	208	.01	0			
32099999	19	30,891	1,134	.05	8	115	10.14	.01
33000102	1	3,000	82	<.01	0			
33000103	2	200	151	.01	0			
33000104	3	11,975	54	<.01	0			
33000198	1	220	33	<.01	0			
33000199	20	136,614	1,428	.07	2	18	1.26	<.01
33000202	3	386,341	2,391	.11	2	2,198	91.93	.10
33000298	6	170,819	571	.03	0			
33000399	2	2,030	74	<.01	0			
33088801	1	193,650	3,450	.16	0			
39000189	1	7,966	3	<.01	0			
39000289	9	114,621	22	<.01	0			
39000489	12	23,065	28	<.01	0			
39000499	10	7,083	13	<.01	0			
39000502	1		13	<.01	1	13	100.00	<.01
39000589	13	13,284	206	.01	0			
39000599	11	16,139	239	.01	0			
39000689	126	51,381	2,070	.10	0			
39000699	80	15,244	1,918	.09	5	18	.94	<.01
39000701	1	20,589	16	<.01	0			
39000702	5	18,149	25	<.01	0			
39000788	1	2,960	2	<.01	0			
39000789	2	51,720	2	<.01	0			

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
39000797	3	446,158	6	<.01	0			
39000799	4	3,657	26	<.01	0			
39000889	2	10,000	2	<.01	0			
39000989	7	40,408	58	<.01	0			
39000999	1	15,995	9	<.01	0			
39001099	6	4	474	.02	0			
39001299	1	10,000	6	<.01	0			
39990003	2	2,343	117	.01	1	8	100.00	<.01
39990024	1		8	<.01	0			
39999995	1	206,312	77	<.01	0			
39999996	4	148,910	199	.01	0	999	3.77	.05
39999999	316	1,693,427	26,517	1.23	7			
40100102	3	1,369	273	.01	0	15	3.95	<.01
40100103	5	2,630	380	.02	1	15	4.95	<.01
40100104	4	362	303	.01	1			
40100198	2	49	30	<.01	0			
40100199	1	45,596	148	.01	0	55	4.90	<.01
40100201	24	844	1,122	.05	1	87	5.32	<.01
40100202	44	62,597	1,635	.08	8	404	10.43	.02
40100203	69	7,145	3,872	.18	2	408	47.94	.02
40100204	8	556	851	.04	2	363	6.88	.02
40100205	98	45,336	5,277	.24	9			
40100206	1	11	12	<.01	0			
40100207	15	971	920	.04	0			
40100222	12	343	348	.02	0	16	6.13	<.01
40100223	5	163	261	.01	1			
40100224	9	1,052	955	.04	0			
40100225	10	428	410	.02	0	32	100.00	<.01
40100236	1		32	<.01	1	147	40.61	.01
40100295	6	224	362	.02	2			
40100296	4	118,913	717	.03	0	171	9.39	.01
40100297	29	205,840	1,821	.08	5	619	78.26	.03
40100298	9	185	791	.04	4	256	5.00	.01
40100299	71	106,723	5,122	.24	8			
40100301	2	1,030	1,030	.05	0	11	100.00	<.01
40100302	1		11	<.01	1			
40100303	6	691	794	.04	0			
40100304	3	590	633	.03	0			
40100305	6	35,043	122	.01	0			
40100306	16	33,421	12,939	.60	0	102	100.00	<.01
40100336	1		102	<.01	1			
40100398	17	1,228,396	4,341	.20	0	5	.04	<.01
40100399	84	1,437,342	11,193	.52	1			
40100401	1	83	15	<.01	0			
40188801	12	173,077	411	.02	0	61	1.23	<.01
40188898	37	1,002,825	4,971	.23	1			

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40200101	544	254,265	59,591	2.76	49	3,373	5.66	.16
40200110	170	2,803,923	7,391	.34	11	525	7.10	.02
40200201	23	2,882	919	.04	4	500	54.41	.02
40200210	41	1,700,837	1,188	.06	0			
40200301	82	14,500	6,271	.29	6	120	1.91	.01
40200310	21	266,491	477	.02	0			
40200401	171	1,847,557	13,149	.61	16	1,269	9.65	.06
40200410	134	1,501,277	5,133	.24	53	473	9.21	.02
40200501	164	161,723	14,647	.68	6	386	2.64	.02
40200510	66	1,258,641	2,512	.12	1	12	.48	<.01
40200601	93	33,012	5,429	.25	6	200	3.68	.01
40200610	65	404,305	1,624	.08	22	482	29.68	.02
40200701	98	1,589,725	6,250	.29	14	270	4.32	.01
40200706	18	563,909	3,419	.16	0			
40200707	1		9	<.01	1	9	100.00	<.01
40200710	37	854,423	2,690	.12	8	701	26.06	.03
40200801	278	978,005	37,447	1.74	30	1,093	2.92	.05
40200802	11	752	1,745	.08	7	1,579	90.49	.07
40200803	7	44,631	686	.03	5	143	20.85	.01
40200810	78	2,664,148	4,748	.22	34	521	10.97	.02
40200899	1	0	6	<.01	0			
40200901	440	4,831,611	42,517	1.97	59	2,700	6.35	.13
40200902	73	13,564	3,826	.18	3	119	3.11	.01
40200903	19	158	167	.01	0			
40200904	7	77	71	<.01	0			
40200905	6	15	22	<.01	0			
40200906	9	886	883	.04	1	95	10.76	<.01
40200907	4	67	49	<.01	0			
40200908	1	263	240	.01	0			
40200909	20	1,016	612	.03	0			
40200910	20	889	1,369	.06	1	95	6.94	<.01
40200911	2	15	57	<.01	1	42	73.68	<.01
40200912	38	2,276	1,204	.06	1	8	.66	<.01
40200913	4	82	90	<.01	0			
40200914	10	423	379	.02	2	132	34.83	.01
40200915	3	113	107	<.01	0			
40200916	1	178	178	.01	0			
40200917	34	2,499	1,767	.08	2	101	5.72	<.01
40200918	59	21,868	3,215	.15	3	116	3.61	.01
40200919	8	168	175	.01	1	95	54.29	<.01
40200920	15	388	540	.03	1	33	6.11	<.01
40200921	24	1,721	985	.05	2	232	23.55	.01
40200922	55	14,220	5,524	.26	1	28	.51	<.01
40200923	21	4,062	4,500	.21	13	438	9.73	.02
40200924	43	20,603	7,587	.35	0			
40200998	19	2,329,147	3,964	.18	2	120	3.03	.01

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Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40201001	27	77,519	2,173	.10	10	96	4.42	<.01
40201101	114	1,857,870	10,380	.48	3	618	5.95	.03
40201103	1	1,666	83	<.01	0			
40201105	1	318	16	<.01	0			
40201199	12	46,410	4,052	.19	0			
40201301	195	2,254,681	49,927	2.32	2	626	1.25	.03
40201303	8	107,908	551	.03	0			
40201304	1	7,997	6	<.01	0			
40201305	3	194	94	<.01	0			
40201399	14	2,999	3,293	.15	1	5	.15	<.01
40201401	4	139	139	.01	0			
40201402	2	170,945	281	.01	0			
40201406	5	332	332	.02	0			
40201499	6	397	138	.01	0			
40201501	9	537	81	<.01	0			
40201599	4	37,212	46	<.01	0			
40201601	21	58,635	6,080	.28	1	262	4.31	.01
40201602	8	1,577	775	.04	0			
40201603	2	104	36	<.01	0			
40201605	2	368	200	.01	0			
40201606	59	10,512	12,871	.60	28	3,513	27.29	.16
40201619	3	1,306	292	.01	0			
40201620	23	1,041	1,096	.05	10	300	27.37	.01
40201621	1	300,000	169	.01	0			
40201622	5	242,132	362	.02	4	172	47.51	.01
40201625	18		432	.02	18	432	100.00	.02
40201627	3	2,400	51	<.01	0			
40201628	4	504,443	276	.01	0			
40201629	4	218,400	159	.01	0			
40201631	10	702,023	2,324	.11	0			
40201699	69	1,067,645	4,369	.20	5	230	5.26	.01
40201705	9	3,467	212	.01	1	44	20.75	<.01
40201721	15	1,586	536	.02	4	179	33.40	.01
40201722	64	1,772,086	3,557	.17	22	1,014	28.51	.05
40201723	8	593,950	656	.03	0			
40201724	8	898	214	.01	1	6	2.80	<.01
40201725	6	11,546	86	<.01	0			
40201726	34	617,640	3,259	.15	4	76	2.33	<.01
40201727	27	198,114	3,406	.16	2	20	.59	<.01
40201728	33	553,585	499	.02	1	48	9.62	<.01
40201731	8	130,728	1,948	.09	0			
40201732	3	196,752	152	.01	1	5	3.29	<.01
40201734	1	36,314	18	<.01	0			
40201735	1	2	115	.01	0			
40201736	1	100,977	223	.01	0			
40201799	88	785,662	2,960	.14	11	272	9.19	.01

Emissions in tons/year. Activity rate in appropriate SCC units.

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40201801	5	2,876	394	.02	0			
40201805	1	24	1	<.01	0			
40201806	3	1,282	246	.01	0			
40201899	8	714,281	12,885	.60	0			
40201901	164	257,928	26,374	1.22	2	92	.35	<.01
40201999	11	19,800	567	.03	0			
40202001	15	1,446	1,211	.06	0			
40202005	2	82	14	<.01	0			
40202099	4	22,511	246	.01	0			
40202101	5	238	300	.01	1	30	10.00	<.01
40202106	8	191	221	.01	0			
40202107	1	42	16	<.01	0			
40202108	7	318	191	.01	0			
40202109	3	30	177	.01	1	147	83.05	.01
40202199	9	401	541	.03	0			
40202201	90	36,432	7,994	.37	37	3,003	37.57	.14
40202203	3	10,074	186	.01	0			
40202204	1		5	<.01	1	5	100.00	<.01
40202205	3	597	292	.01	0			
40202299	3	415	192	.01	1	22	11.46	<.01
40202301	7	868	378	.02	0			
40202305	2	14	4	<.01	0			
40202306	4	818	707	.03	0			
40202399	2	376	376	.02	0			
40202401	19	370	472	.02	12	94	19.92	<.01
40202402	1		35	<.01	1	35	100.00	<.01
40202403	1	4	4	<.01	0			
40202405	3	146	78	<.01	0			
40202406	16	283	397	.02	10	96	24.18	<.01
40202499	15	21,838	22,043	1.02	0			
40202501	142	1,193,510	8,273	.38	13	1,020	12.33	.05
40202502	5	20,025	363	.02	0			
40202503	1	130	131	.01	0			
40202505	17	1,172	823	.04	0			
40202531	3	388,474	964	.04	0			
40202532	6	110,081	142	.01	0			
40202533	1	4,214	10	<.01	0			
40202535	1	96,277	268	.01	0			
40202599	25	43,319	2,603	.12	2	56	2.15	<.01
40288801	21	49,827	1,486	.07	2	411	27.66	.02
40288802	1	18,160	112	.01	0			
40288803	1	29,860	112	.01	0			
40288804	1	68,500	112	.01	0			
40288805	1	25,000	112	.01	0			
40299997	3	740	140	.01	0			
40299998	434	52,631,000	77,987	3.62	2	17	.02	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.
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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40299999	77	260,379	6,589	.31	22	1,046	15.87	.05
40300101	67	448,755	2,971	.14	21	458	15.42	.02
40300102	37	478,404	831	.04	1	76	9.15	<.01
40300103	54	1,804,811	5,348	.25	12	156	2.92	.01
40300104	56	7,523,273	4,856	.23	9	899	18.51	.04
40300105	9	41,378	109	.01	3	48	44.04	<.01
40300106	9	73,805	209	.01	0			
40300107	18	196,819	208	.01	3	20	9.62	<.01
40300108	2	7,583,344	28	<.01	0			
40300112	2	32,175	21	<.01	1	8	38.10	<.01
40300115	2	13,942,656	15	<.01	0			
40300116	5	22	80	<.01	4	33	41.25	<.01
40300150	11	81,201	346	.02	0			
40300151	8	88,344	84	<.01	1	8	9.52	<.01
40300152	27	1,539,843	486	.02	14	388	79.84	.02
40300153	9	0	225	.01	8	112	49.78	.01
40300154	24	3,040	581	.03	23	580	99.83	.03
40300156	8		120	.01	8	120	100.00	.01
40300157	7	0	289	.01	6	272	94.12	.01
40300158	3		21	<.01	3	21	100.00	<.01
40300160	2		40	<.01	2	40	100.00	<.01
40300161	37	4,850	528	.02	34	493	93.37	.02
40300198	45	1,114,419	713	.03	9	435	61.01	.02
40300199	48	2,073,732	453	.02	8	110	24.28	.01
40300201	179	9,019,838	6,298	.29	48	1,791	28.44	.08
40300202	70	311,354	932	.04	67	905	97.10	.04
40300203	49	247,629	1,548	.07	0			
40300204	65	187,612	1,183	.05	64	1,045	88.33	.05
40300205	3	3,360	24	<.01	0			
40300208	6	21,584	73	<.01	0			
40300216	3	0	70	<.01	2	53	75.71	<.01
40300299	13	110,906	447	.02	3	34	7.61	<.01
40300302	13	1,228,413	674	.03	3	127	18.84	.01
40301001	32	55,390,419	3,556	.16	10	179	5.03	.01
40301002	38	75,888	1,746	.08	1	1,096	62.77	.05
40301003	12	40,436	280	.01	1	27	9.64	<.01
40301004	3	27,382	538	.02	1	87	16.17	<.01
40301005	3	10,142	100	<.01	0			
40301006	1	1,260	8	<.01	0			
40301007	13	733,903	1,368	.06	2	43	3.14	<.01
40301008	113	1,981,795	9,430	.44	72	5,614	59.53	.26
40301009	14	142,692	350	.02	6	80	22.86	<.01
40301010	104	7,142,316	2,661	.12	2	60	2.25	<.01
40301011	11	108,291	228	.01	0			
40301012	151	11,990,628	19,634	.91	21	10,339	52.66	.48
40301013	18	45,077	286	.01	3	64	22.38	<.01

Emissions in tons/year. Activity rate in appropriate SCC units.
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Appendix E
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Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40301014	2	5,903	68	<.01	0			
40301015	38	795,591	1,408	.07	16	253	17.97	.01
40301016	11	242,837	149	.01	3	16	10.74	<.01
40301017	5	135,341	278	.01	0			
40301018	17	1,470,573	131	.01	9	72	54.96	<.01
40301019	57	77,866,806	2,069	.10	9	174	8.41	.01
40301020	13	5,113,061	197	.01	3	54	27.41	<.01
40301021	39	6,462,790	390	.02	15	230	58.97	.01
40301097	119	21,642,866	3,487	.16	34	1,166	33.44	.05
40301098	12	1,437,210	3,518	.16	4	24	.68	<.01
40301099	495	22,930,875	16,197	.75	402	10,202	62.99	.47
40301101	83	136425511	4,093	.19	5	34	.83	<.01
40301102	108	6,827,996	7,085	.33	31	1,114	15.72	.05
40301103	34	165,106	984	.05	12	239	24.29	.01
40301104	10	6,821,148	1,125	.05	4	459	40.80	.02
40301105	13	417,558	2,076	.10	3	393	18.93	.02
40301106	1	4,200	9	<.01	0			
40301107	85	4,333,105	1,851	.09	66	1,476	79.74	.07
40301108	121	717,003	4,131	.19	112	4,052	98.09	.19
40301109	89	267007798	3,852	.18	12	186	4.83	.01
40301110	27	2,610,737	962	.04	16	358	37.21	.02
40301111	26	10,039,635	589	.03	10	89	15.11	<.01
40301112	14	15,666	207	.01	13	169	81.64	.01
40301113	3	1,260	81	<.01	1	1	1.23	<.01
40301115	6	9,927,155	362	.02	1	16	4.42	<.01
40301117	15	6,691,244	77	<.01	1	5	6.49	<.01
40301118	4	266,799	54	<.01	0			
40301119	2	19,900	113	.01	0			
40301120	1	319,055	1	<.01	0			
40301130	24		637	.03	24	637	100.00	.03
40301131	15	29,453	206	.01	0			
40301132	4	56,781	145	.01	0			
40301133	4		108	.01	4	108	100.00	.01
40301134	1	51	6	<.01	0			
40301140	9	9,279,578	277	.01	8	98	35.38	<.01
40301141	12	207,980	604	.03	2	13	2.15	<.01
40301142	12	160,422	105	<.01	7	60	57.14	<.01
40301143	1		53	<.01	1	53	100.00	<.01
40301150	3	6,220	29	<.01	1	5	17.24	<.01
40301151	22	8,389,191	639	.03	10	157	24.57	.01
40301152	12	6,925,843	298	.01	10	286	95.97	.01
40301153	2	526,824	46	<.01	0			
40301154	2	5,120	40	<.01	0			
40301197	25	12,420,936	1,365	.06	8	62	4.54	<.01
40301198	41	4,992,703	1,345	.06	17	289	21.49	.01
40301199	290	7,904,009	6,417	.30	246	3,908	60.90	.18

Emissions in tons/year. Activity rate in appropriate SCC units.

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Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
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40301201	4	452,892	1,199	.06	0			
40301202	1	18	16	<.01	0			
40301203	2	54,857	96	<.01	0			
40301299	2	30,851	166	.01	0			
40388801	77	104566861	5,273	.24	38	750	14.22	.03
40388802	3	0	163	.01	2	53	32.52	<.01
40388805	1		44	<.01	1	44	100.00	<.01
40399999	45	26,928,211	10,023	.47	1	6	.06	<.01
40400101	19	45,019	2,043	.09	0			
40400102	76	4,302,714	1,080	.05	0			
40400103	6	8,822	209	.01	0			
40400107	22	266,708	2,087	.10	4	151	7.24	.01
40400108	86	2,976,926	3,980	.18	0	128	43.69	.01
40400109	7	29,228	293	.01	4			
40400110	28	10,116,309	1,483	.07	0			
40400111	153	36,816,608	9,432	.44	17	984	10.43	.05
40400112	28	13,883	1,263	.06	0			
40400113	1	5,538	25	<.01	0			
40400114	15	130,390	298	.01	0			
40400115	9	9,384,679	414	.02	0			
40400116	153	829,831	2,118	.10	140	1,929	91.08	.09
40400117	6	457,406	71	<.01	5	68	95.77	<.01
40400118	5	69,768	335	.02	0			
40400119	1	43,330	167	.01	0			
40400120	1	1	50	<.01	0			
40400151	3	310,888	35	<.01	1	5	14.29	<.01
40400152	2	471,827	112	.01	0			
40400153	4	1,154,413	506	.02	0			
40400154	9	1,368,693	783	.04	1	5	.64	<.01
40400199	131	1,666,954	3,767	.17	35	707	18.77	.03
40400202	3	168	19	<.01	2	15	78.95	<.01
40400204	9	64,373	831	.04	7	815	98.07	.04
40400205	5	1,410	79	<.01	4	68	86.08	<.01
40400206	4		28	<.01	4	28	100.00	<.01
40400207	1	1,015	9	<.01	0			
40400208	3	44,309	66	<.01	0			
40400209	1	1,382	6	<.01	0			
40400210	27		1,209	.06	27	1,209	100.00	.06
40400212	1		11	<.01	1	11	100.00	<.01
40400250	38	2,810,192	4,603	.21	31	3,078	66.87	.14
40400251	2	69,357	2	<.01	0			
40400254	1	0	21	<.01	0			
40400301	14	1,241,557	938	.04	1	6	.64	<.01
40400302	13	518,635	1,974	.09	0			
40400305	1		7	<.01	1	7	100.00	<.01
40400403	1	100,000	9	<.01	0			

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40400404	1	880	5	<.01	0			
40400405	2		10	<.01	2	10	100.00	<.01
40400409	1	1,440	11	<.01	0			
40400410	1	43,399	75	<.01	0			
40400412	2	52,600	34	<.01	0			
40400414	8	94,536	56	<.01	0			
40400497	6	135,837	48	<.01	0			
40400498	6	140,373	48	<.01	0			
40500101	158	347,241	8,733	.41	2	62	.71	<.01
40500199	6	35,341	197	.01	1	145	73.60	.01
40500201	45	868,187	765	.04	14	181	23.66	.01
40500203	2	18	18	<.01	0			
40500211	28	275	619	.03	20	556	89.82	.03
40500212	2	13,829	5	<.01	0			
40500301	94	12,910	6,796	.32	16	1,263	18.58	.06
40500303	3	10	17	<.01	0			
40500304	44	851	1,033	.05	7	324	31.36	.02
40500305	37	2,229	2,202	.10	0			
40500306	14	351	360	.02	0			
40500307	6	1,238	180	.01	0			
40500311	57	9,070	8,514	.40	5	558	6.55	.03
40500312	38	1,130,215	2,266	.11	1	26	1.15	<.01
40500401	76	4,006,506	2,322	.11	8	57	2.45	<.01
40500411	26	219,308	1,293	.06	0			
40500412	8	207,721	203	.01	0			
40500501	158	134,744	27,783	1.29	15	850	3.06	.04
40500503	21	377	418	.02	1	35	8.37	<.01
40500506	21	559	563	.03	0			
40500507	3	54	54	<.01	0			
40500510	26	2,737	1,705	.08	0			
40500511	128	3,115,119	25,576	1.19	0			
40500512	26	3,554,992	4,866	.23	0			
40500513	6	516,130	2,224	.10	0			
40500598	2	525	1,462	.07	0			
40500599	111	20,366	10,333	.48	19	1,002	9.70	.05
40500601	2	1,308	30	<.01	0			
40500701	6	1,784	1,671	.08	2	43	2.57	<.01
40588801	26	172,167	1,158	.05	20	835	72.11	.04
40588805	7		257	.01	7	257	100.00	.01
40600101	5	192,017	1,438	.07	2	181	12.59	.01
40600126	26	1,860,643	3,540	.16	0			
40600130	13	604,859	97	<.01	0			
40600131	130	14,006,538	18,373	.85	41	2,967	16.15	.14
40600132	10	199,632	469	.02	1	18	3.84	<.01
40600133	24	436,832	677	.03	8	130	19.20	.01
40600134	3	3,459	61	<.01	1	8	13.11	<.01

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SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40600135	6	574,325	84	<.01	1	5	5.95	<.01
40600136	16	513,306	1,022	.05	9	172	16.83	.01
40600137	8	313,346	1,228	.06	0			
40600138	3	43,583	329	.02	2	175	53.19	.01
40600139	2		8	<.01	2	8	100.00	<.01
40600140	5	1,779,821	279	.01	3	23	8.24	<.01
40600141	39	5,092,954	4,651	.22	14	747	16.06	.03
40600143	1		4	<.01	1	4	100.00	<.01
40600145	1	113,560	523	.02	0			
40600146	5	66,545	84	<.01	0			
40600147	7	1,998,615	662	.03	0			
40600148	1	74,765	81	<.01	0			
40600162	1	1	306	.01	0			
40600163	2	240,001	30	<.01	0			
40600197	3	139,662	33	<.01	1	5	15.15	<.01
40600198	3	756,478	766	.04	2	301	39.30	.01
40600199	6	297,617	709	.03	4	669	94.36	.03
40600231	7	2,365,626	2,202	.10	4	39	1.77	<.01
40600232	10	1,385,596	3,352	.16	4	606	18.08	.03
40600233	7	1,577,384	3,124	.14	2	477	15.27	.02
40600234	6		585	.03	6	585	100.00	.03
40600235	3	0	53	<.01	0			
40600236	6	74,829	1,156	.05	5	1,106	95.67	.05
40600238	9	1,010,562	2,591	.12	7	902	34.81	.04
40600239	5	692,760	772	.04	4	478	61.92	.02
40600240	16	4,862,196	6,436	.30	11	1,330	20.67	.06
40600242	8	769,423	1,042	.05	0			
40600243	15	1,196,584	1,472	.07	11	1,104	75.00	.05
40600244	3	12,600	303	.01	2	294	97.03	.01
40600246	3	2,008,966	11	<.01	0			
40600248	16	777,706	2,141	.10	10	826	38.58	.04
40600249	6	55,492	314	.01	4	218	69.43	.01
40600250	2	113,400	101	<.01	1	100	99.01	<.01
40600251	2	589,600	6	<.01	0			
40600253	7	7,009,346	2,118	.10	2	297	14.02	.01
40600298	2	8,419,986	372	.02	1	270	72.58	.01
40600299	10	2,094,212	1,411	.07	8	927	65.70	.04
40600302	5	5,723	30	<.01	1	1	3.33	<.01
40600305	1	4,055	2	<.01	0			
40600306	12	14,563	739	.03	11	327	44.25	.02
40600307	4	2,401	30	<.01	2	6	20.00	<.01
40600401	6	2,191	274	.01	4	236	86.13	.01
40688801	98	3,334,182	5,992	.28	76	2,189	36.53	.10
40688802	1		1,184	.05	1	1,184	100.00	.05
40688805	3		53	<.01	3	53	100.00	<.01
40700402	2	25,930	24	<.01	0			

Emissions in tons/year. Activity rate in appropriate SCC units.
 Miss Points = Number of points with missing activity rates.
 Emiss Miss Ac = Emissions from points with missing activity rates.
 % SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
 % Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
40700802	1		109	.01	1	109	100.00	.01
40700809	1	8,160	175	.01	0			
40700810	3		108	.01	3	108	100.00	.01
40700815	7	455	58	<.01	6	55	94.83	<.01
40700816	8	10,000	246	.01	7	225	91.46	.01
40700897	2	3	8	<.01	1	7	87.50	<.01
40700898	1	8	1	<.01	0			
40701698	1		55	<.01	1	55	100.00	<.01
40703601	1		6	<.01	1	6	100.00	<.01
40703609	2		16	<.01	2	16	100.00	<.01
40703615	5		69	<.01	5	69	100.00	<.01
40703618	1		26	<.01	1	26	100.00	<.01
40703624	1	115	6	<.01	0			
40703697	1	3	1	<.01	0			
40703698	2	7	15	<.01	1	14	93.33	<.01
40704001	3	635	25	<.01	2	22	88.00	<.01
40704002	1	83,402	56	<.01	0			
40704406	1		5	<.01	1	5	100.00	<.01
40704419	1	795	20	<.01	0			
40704420	1	795	6	<.01	0			
40704497	1		40	<.01	1	40	100.00	<.01
40706005	2	3,463	19	<.01	0			
40706006	2	3,463	5	<.01	0			
40706017	2		18	<.01	2	18	100.00	<.01
40706024	6		139	.01	6	139	100.00	.01
40706097	16	6,500	301	.01	8	154	51.16	.01
40706098	1	30	1	<.01	0			
40706897	5		104	<.01	5	104	100.00	<.01
40708403	2	542	293	.01	0			
40708404	2	4,958	102	<.01	0			
40708497	1	267	3	<.01	0			
40708498	1	267	3	<.01	0			
40717207	1		9	<.01	1	9	100.00	<.01
40718097	5		74	<.01	5	74	100.00	<.01
40720897	1		32	<.01	1	32	100.00	<.01
40722097	1		6	<.01	1	6	100.00	<.01
40781604	2		80	<.01	2	80	100.00	<.01
40781699	3		83	<.01	3	83	100.00	<.01
40782001	2		462	.02	2	462	100.00	.02
40782006	1		34	<.01	1	34	100.00	<.01
40786099	1		11	<.01	1	11	100.00	<.01
40899995	2		84	<.01	2	84	100.00	<.01
40899999	24		2,531	.12	24	2,531	100.00	.12
49000101	4	145	145	.01	0			
49000105	1	205	205	.01	0			
49000199	4	254,895	373	.02	0			

Emissions in tons/year. Activity rate in appropriate SCC units.

Miss Points = Number of points with missing activity rates.

Emiss Miss Ac = Emissions from points with missing activity rates.

% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.

% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix E
Table E-3
Analysis of Missing Activity Rate Data for VOC Emitters

SCC	Tot Pts	Activity Rate	Emiss	% Tot	Miss Pts	Emiss Miss Ac	% SCC Emiss	% Tot Emiss
49000201	2	53,349	46	<.01	0			
49000299	1	7	5	<.01	0			
49099998	89	19,308,796	16,039	.74	3	250	1.56	.01
49099999	294	57,314,324	55,751	2.59	60	7,895	14.16	.37
50100101	48	2,141,191	354	.02	1	9	2.54	<.01
50100102	14	407,047	670	.03	0			
50100201	4	789	24	<.01	2	12	50.00	<.01
50100506	6	194,554	19	<.01	0			
50100508	1	37,500	19	<.01	0			
50100510	2		494	.02	2	494	100.00	.02
50100701	3		6	<.01	3	6	100.00	<.01
50100704	1	700	18	<.01	0			
50200101	13	1,038,669	127	.01	0			
50200102	4	111,215	15	<.01	0			
50200103	3	113,631	21	<.01	0			
50200105	5	92,321	68	<.01	0			
50200201	1	75	1	<.01	0			
50200301	1	7,000	5	<.01	0			
50200506	12	214,673	12	<.01	0			
50200601	3	8,500	60	<.01	4	44	31.43	<.01
50300101	24	116,267	140	.01	4	41	23.30	<.01
50300102	19	91,630	176	.01	0			
50300103	2	5,512	47	<.01	0	8	57.14	<.01
50300104	3	5,270	14	<.01	1	121	12.03	.01
50300105	20	239,620	1,006	.05	2			
50300106	1	2,500	35	<.01	0			
50300201	2	3,350	32	<.01	0			
50300202	3	1,407	6	<.01	0			
50300506	7	108,232	13	<.01	0			
50300601	1	5,782	257	.01	0	18	100.00	<.01
50300602	2		18	<.01	2	63	35.00	<.01
50300701	14	145,238	180	.01	12	19	100.00	<.01
50300801	2		19	<.01	2	24	100.00	<.01
50300820	3		24	<.01	3	294	100.00	.01
50390006	2		294	.01	2			

Emissions in tons/year. Activity rate in appropriate SCC units.
Miss Points = Number of points with missing activity rates.
Emiss Miss Ac = Emissions from points with missing activity rates.
% SCC Emiss = % of emissions from SCC represented by points with missing activity rates.
% Tot Emiss = % of total emissions represented by points with missing activity rates.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
	2,792	3.86	7,464	.04	8,184	.09	25,624	1.19
0	35	.05	422	< .01	198	< .01	132	.01
1	7	.01	301	< .01	19	< .01	32	< .01
35	1	< .01	0	< .01	0	< .01	0	< .01
111	2	< .01	195	< .01	28	< .01	0	< .01
182	2	< .01	190	< .01	20	< .01	2	< .01
211	17	.02	37	< .01	202	< .01	0	< .01
212	2	< .01	1	< .01	0	< .01	7	< .01
251	5	.01	0	< .01	0	< .01	0	< .01
723	101	.14	320	< .01	2,497	.03	1,732	.08
729	4	.01	0	< .01	0	< .01	0	< .01
1011	495	.69	8,547	.04	5,710	.06	35	< .01
1021	7	.01	251	< .01	159	< .01	0	< .01
1031	4	.01	1	< .01	1	< .01	1	< .01
1041	4	.01	0	< .01	0	< .01	0	< .01
1051	4	.01	0	< .01	0	< .01	0	< .01
1061	5	.01	122	< .01	42	< .01	5	< .01
1094	7	.01	143	< .01	211	< .01	7	< .01
1099	9	.01	335	< .01	91	< .01	0	< .01
1100	58	.08	755	< .01	265	< .01	73	< .01
1211	716	.99	8,532	.04	5,218	.06	1,823	.08
1213	4	.01	0	< .01	0	< .01	0	< .01
1300	1	< .01	541	< .01	0	< .01	6	< .01
1305	4	.01	746	< .01	522	.01	193	.01
1311	3,489	4.83	223,243	1.06	220,767	2.34	21,815	1.01
1321	2,087	2.89	116,834	.55	159,317	1.69	16,440	.76
1350	8	.01	26	< .01	4	< .01	9	< .01
1381	6	.01	138	< .01	1,474	.02	58	< .01
1389	1	< .01	224	< .01	0	< .01	12	< .01
1400	99	.14	0	< .01	0	< .01	0	< .01
1411	11	.02	0	< .01	0	< .01	0	< .01
1422	991	1.37	794	< .01	2,216	.02	17	< .01
1423	149	.21	0	< .01	27	< .01	0	< .01
1429	193	.27	5,787	.03	471	< .01	7	< .01
1440	1	< .01	0	< .01	0	< .01	0	< .01
1442	97	.13	138	< .01	147	< .01	1	< .01
1446	53	.07	399	< .01	204	< .01	13	< .01
1455	6	.01	0	< .01	7	< .01	1	< .01
1459	15	.02	253	< .01	51	< .01	23	< .01
1474	101	.14	8,794	.04	13,540	.14	26	< .01
1475	12	.02	187	< .01	536	.01	5	< .01
1476	2	< .01	601	< .01	257	< .01	1	< .01
1477	62	.09	774	< .01	5,270	.06	45	< .01
1492	26	.04	257	< .01	167	< .01	4	< .01
1499	34	.05	128	< .01	195	< .01	2	< .01
1611	1	< .01	0	< .01	0	< .01	0	< .01
1723	1	< .01	0	< .01	0	< .01	0	< .01
1794	1	< .01	27	< .01	131	< .01	2	< .01
1795	10	.01	0	< .01	881	.01	8	< .01
1925	13	.02	3	< .01	177	< .01	704	.03
2000	1	< .01	0	< .01	0	< .01	0	< .01
2010	2	< .01	0	< .01	0	< .01	21	< .01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
2011	27	.04	3,059	.01	1,103	.01	4	< .01
2013	51	.07	4,036	.02	1,209	.01	107	< .01
2015	2	< .01	320	< .01	60	< .01	0	< .01
2016	22	.03	675	< .01	141	< .01	2	< .01
2022	25	.03	1,073	.01	217	< .01	6	< .01
2023	40	.06	1,801	.01	592	.01	25	< .01
2026	3	< .01	129	< .01	25	< .01	4	< .01
2032	34	.05	2,162	.01	2,400	.03	874	.04
2033	39	.05	2,363	.01	988	.01	13	< .01
2034	9	.01	2,082	.01	312	< .01	416	.02
2035	6	.01	369	< .01	291	< .01	0	< .01
2037	20	.03	1,459	.01	386	< .01	118	.01
2040	46	.06	568	< .01	592	.01	22	< .01
2041	156	.22	1,497	.01	649	.01	1,870	.09
2042	41	.06	230	< .01	50	< .01	0	< .01
2043	39	.05	101	< .01	227	< .01	0	< .01
2044	26	.04	0	< .01	2	< .01	0	< .01
2045	1	< .01	0	< .01	0	< .01	0	< .01
2046	508	.70	95,502	.45	22,323	.24	8,449	.39
2047	31	.04	935	< .01	120	< .01	130	.01
2048	96	.13	462	< .01	446	< .01	189	.01
2051	31	.04	12	< .01	184	< .01	1,490	.07
2052	12	.02	1,242	.01	230	< .01	956	.04
2061	94	.13	2,691	.01	2,204	.02	1,640	.08
2062	73	.10	1,703	.01	1,860	.02	76	< .01
2063	216	.30	15,473	.07	10,641	.11	446	.02
2065	2	< .01	0	< .01	31	< .01	0	< .01
2066	3	< .01	107	< .01	38	< .01	1	< .01
2067	3	< .01	54	< .01	156	< .01	0	< .01
2071	11	.02	364	< .01	20	< .01	7	< .01
2074	27	.04	0	< .01	37	< .01	1,467	.07
2075	217	.30	9,253	.04	7,818	.08	6,897	.32
2076	13	.02	117	< .01	59	< .01	0	< .01
2077	36	.05	2,523	.01	590	.01	135	.01
2079	22	.03	2,735	.01	885	.01	129	.01
2080	10	.01	942	< .01	177	< .01	182	.01
2082	152	.21	11,262	.05	6,630	.07	829	.04
2083	26	.04	616	< .01	381	< .01	11	< .01
2085	75	.10	4,398	.02	2,954	.03	23,719	1.10
2087	18	.02	200	< .01	991	.01	414	.02
2090	11	.02	712	< .01	224	< .01	2	< .01
2091	16	.02	24	< .01	33	< .01	3	< .01
2092	19	.03	510	< .01	393	< .01	190	.01
2093	8	.01	13	< .01	3	< .01	5	< .01
2095	8	.01	520	< .01	254	< .01	153	.01
2096	5	.01	901	< .01	367	< .01	26	< .01
2098	7	.01	276	< .01	54	< .01	0	< .01
2099	34	.05	2,759	.01	770	.01	1,298	.06
2100	37	.05	0	< .01	0	< .01	1,777	.08
2111	89	.12	10,575	.05	4,273	.05	2,373	.11
2121	3	< .01	168	< .01	30	< .01	0	< .01
2131	1	< .01	145	< .01	29	< .01	2	< .01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
2141	13	.02	612	< .01	112	< .01	5	< .01
2200	8	.01	92	< .01	27	< .01	158	.01
2211	109	.15	11,873	.06	5,653	.06	294	.01
2221	7	.01	289	< .01	106	< .01	22	< .01
2231	26	.04	1,849	.01	471	< .01	334	.02
2241	7	.01	377	< .01	96	< .01	4	< .01
2251	11	.02	398	< .01	70	< .01	109	.01
2252	5	.01	416	< .01	78	< .01	0	< .01
2253	8	.01	308	< .01	144	< .01	16	< .01
2256	18	.02	1,985	.01	366	< .01	25	< .01
2257	2	< .01	1	< .01	19	< .01	6	< .01
2258	1	< .01	106	< .01	25	< .01	0	< .01
2259	2	< .01	8	< .01	162	< .01	36	< .01
2260	3	< .01	447	< .01	164	< .01	0	< .01
2261	101	.14	11,718	.06	4,309	.05	10,030	.47
2262	98	.14	10,949	.05	3,303	.03	2,755	.13
2263	2	< .01	25	< .01	4	< .01	0	< .01
2265	4	.01	0	< .01	0	< .01	0	< .01
2269	42	.06	2,464	.01	1,070	.01	1,983	.09
2271	9	.01	302	< .01	120	< .01	199	.01
2272	34	.05	2,500	.01	882	.01	168	.01
2281	51	.07	5,908	.03	442	< .01	891	.04
2282	2	< .01	0	< .01	0	< .01	11	< .01
2283	7	.01	1,152	.01	158	< .01	5	< .01
2284	8	.01	742	< .01	128	< .01	658	.03
2291	5	.01	120	< .01	23	< .01	175	.01
2294	2	< .01	651	< .01	171	< .01	12	< .01
2295	151	.21	396	< .01	255	< .01	7,250	.34
2296	2	< .01	0	< .01	0	< .01	89	< .01
2297	20	.03	0	< .01	0	< .01	969	.04
2299	11	.02	614	< .01	165	< .01	156	.01
2322	5	.01	346	< .01	56	< .01	0	< .01
2329	2	< .01	102	< .01	8	< .01	0	< .01
2346	1	< .01	0	< .01	0	< .01	0	< .01
2361	2	< .01	42	< .01	10	< .01	2	< .01
2389	7	.01	488	< .01	100	< .01	4	< .01
2392	3	< .01	112	< .01	40	< .01	364	.02
2396	4	.01	1	< .01	5	< .01	149	.01
2400	1	< .01	0	< .01	0	< .01	0	< .01
2401	3	< .01	36	< .01	47	< .01	2	< .01
2421	483	.67	3,114	.01	19,745	.21	7,921	.37
2426	48	.07	91	< .01	1,182	.01	870	.04
2429	25	.03	79	< .01	125	< .01	184	.01
2431	122	.17	51	< .01	230	< .01	3,920	.18
2432	18	.02	259	< .01	446	< .01	84	< .01
2434	80	.11	82	< .01	12	< .01	4,566	.21
2435	49	.07	339	< .01	2,630	.03	4,132	.19
2436	188	.26	1,399	.01	11,433	.12	3,630	.17
2441	2	< .01	1	< .01	12	< .01	4	< .01
2442	6	.01	143	< .01	123	< .01	10	< .01
2449	6	.01	8	< .01	632	.01	67	< .01
2451	7	.01	0	< .01	0	< .01	165	.01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
2454	1	< .01	0	< .01	0	< .01	17	< .01
2469	2	< .01	0	< .01	0	< .01	98	< .01
2491	17	.02	267	< .01	445	< .01	1,087	.05
2492	211	.29	157	< .01	938	.01	8,900	.41
2499	206	.29	3,976	.02	3,669	.04	20,784	.96
2511	877	1.21	1,263	.01	1,544	.02	50,835	2.36
2512	97	.13	100	< .01	195	< .01	4,430	.21
2514	19	.03	10	< .01	72	< .01	686	.03
2515	10	.01	0	< .01	0	< .01	381	.02
2517	4	.01	0	< .01	0	< .01	365	.02
2519	10	.01	4	< .01	31	< .01	471	.02
2521	48	.07	45	< .01	65	< .01	1,810	.08
2522	64	.09	90	< .01	176	< .01	3,941	.18
2531	12	.02	0	< .01	0	< .01	1,016	.05
2540	10	.01	46	< .01	97	< .01	1	< .01
2541	21	.03	2	< .01	10	< .01	367	.02
2542	8	.01	0	< .01	2	< .01	500	.02
2571	8	.01	0	< .01	0	< .01	185	.01
2572	5	.01	0	< .01	0	< .01	328	.02
2590	1	< .01	0	< .01	0	< .01	105	< .01
2591	11	.02	0	< .01	2	< .01	835	.04
2599	10	.01	0	< .01	86	< .01	642	.03
2600	11	.02	504	< .01	245	< .01	972	.05
2611	573	.79	72,306	.34	48,811	.52	12,706	.59
2621	1,520	2.10	402,989	1.91	178,943	1.89	47,901	2.22
2631	488	.68	134,023	.64	68,155	.72	12,837	.60
2641	610	.84	6,300	.03	4,203	.04	77,924	3.62
2643	125	.17	1,854	.01	667	.01	7,228	.34
2645	8	.01	9,301	.04	549	.01	1,467	.07
2646	4	.01	115	< .01	41	< .01	0	< .01
2647	64	.09	1,777	.01	1,417	.02	1,883	.09
2649	145	.20	6,304	.03	2,284	.02	10,637	.49
2650	6	.01	0	< .01	9	< .01	1,061	.05
2651	63	.09	1,502	.01	965	.01	6,885	.32
2652	7	.01	339	< .01	230	< .01	230	.01
2653	23	.03	1,185	.01	388	< .01	2,332	.11
2654	99	.14	2,193	.01	988	.01	4,671	.22
2655	8	.01	191	< .01	113	< .01	97	< .01
2661	95	.13	1,727	.01	1,836	.02	3,934	.18
2679	2	< .01	0	< .01	0	< .01	67	< .01
2699	2	< .01	308	< .01	152	< .01	20	< .01
2700	1	< .01	0	< .01	0	< .01	787	.04
2711	11	.02	188	< .01	233	< .01	700	.03
2721	48	.07	0	< .01	4	< .01	682	.03
2731	1	< .01	0	< .01	0	< .01	214	.01
2732	51	.07	115	< .01	32	< .01	284	.01
2751	348	.48	218	< .01	157	< .01	36,515	1.69
2752	259	.36	147	< .01	123	< .01	8,081	.37
2753	49	.07	0	< .01	4	< .01	350	.02
2754	282	.39	583	< .01	390	< .01	32,214	1.49
2771	27	.04	86	< .01	32	< .01	1,285	.06
2780	3	< .01	334	< .01	62	< .01	0	< .01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
2789	49	.07	2	< .01	20	< .01	1,397	.06
2795	3	< .01	3	< .01	0	< .01	94	< .01
2800	18	.02	2	< .01	268	< .01	329	.02
2801	2	< .01	908	< .01	0	< .01	0	< .01
2810	25	.03	969	< .01	458	< .01	427	.02
2812	173	.24	26,428	.13	22,443	.24	1,398	.06
2813	59	.08	474	< .01	6,657	.07	206	.01
2815	13	.02	364	< .01	97	< .01	858	.04
2816	167	.23	19,695	.09	4,249	.04	364	.02
2818	39	.05	1,157	.01	364	< .01	1,174	.05
2819	924	1.28	218,510	1.04	47,434	.50	17,484	.81
2820	4	.01	10	< .01	24	< .01	116	.01
2821	1,524	2.11	68,197	.32	50,360	.53	93,689	4.35
2822	599	.83	3,872	.02	11,716	.12	36,513	1.69
2823	120	.17	25,222	.12	15,388	.16	36,408	1.69
2824	281	.39	36,348	.17	23,739	.25	16,354	.76
2828	7	.01	478	< .01	183	< .01	5	< .01
2830	2	< .01	215	< .01	84	< .01	0	< .01
2831	2	< .01	16	< .01	18	< .01	1,552	.07
2833	86	.12	6,433	.03	4,620	.05	4,281	.20
2834	207	.29	13,210	.06	5,767	.06	10,151	.47
2840	7	.01	215	< .01	68	< .01	0	< .01
2841	79	.11	4,584	.02	3,796	.04	58	< .01
2842	15	.02	54	< .01	45	< .01	544	.03
2843	5	.01	0	< .01	6	< .01	140	.01
2844	17	.02	411	< .01	201	< .01	121	.01
2850	1	< .01	0	< .01	0	< .01	39	< .01
2851	140	.19	250	< .01	160	< .01	8,421	.39
2861	128	.18	6,315	.03	3,603	.04	22,314	1.04
2865	552	.76	7,043	.03	26,006	.28	28,186	1.31
2866	2	< .01	0	< .01	0	< .01	25	< .01
2867	1	< .01	0	< .01	0	< .01	37	< .01
2869	4,039	5.59	174,631	.83	203,805	2.16	164,881	7.65
2871	3	< .01	0	< .01	0	< .01	12	< .01
2872	2	< .01	0	< .01	0	< .01	0	< .01
2873	445	.62	8,533	.04	65,130	.69	18,558	.86
2874	204	.28	41,512	.20	2,480	.03	383	.02
2875	4	.01	0	< .01	0	< .01	0	< .01
2879	212	.29	3,249	.02	5,181	.05	5,934	.28
2890	2	< .01	186	< .01	43	< .01	0	< .01
2891	50	.07	387	< .01	507	.01	2,787	.13
2892	96	.13	7,195	.03	4,748	.05	9,254	.43
2893	2	< .01	0	< .01	0	< .01	117	.01
2895	271	.38	44,966	.21	2,011	.02	40,658	2.12
2899	181	.25	36,074	.17	11,895	.13	5,685	.26
2900	2	< .01	0	< .01	38	< .01	555	.03
2910	1	< .01	0	< .01	0	< .01	37	< .01
2911	8,774	12.14	641,563	3.04	325,300	3.44	329,105	15.27
2940	1	< .01	0	< .01	0	< .01	0	< .01
2950	5	.01	0	< .01	0	< .01	0	< .01
2951	267	.37	2,213	.01	1,153	.01	543	.03
2952	129	.18	976	< .01	1,110	.01	1,433	.07

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
2992	55	.08	4,124	.02	1,725	.02	7,755	.36
2999	104	.14	54,686	.26	5,930	.06	1,000	.05
3011	437	.60	22,966	.11	7,051	.07	22,910	1.06
3021	8	.01	0	< .01	0	< .01	770	.04
3031	21	.03	110	< .01	54	< .01	2	< .01
3041	17	.02	142	< .01	121	< .01	1,034	.05
3069	172	.24	3,152	.01	879	.01	10,601	.49
3078	2	< .01	0	< .01	0	< .01	148	.01
3079	731	1.01	7,263	.03	2,139	.02	43,154	2.00
3111	131	.18	2,735	.01	574	.01	4,757	.22
3143	4	.01	0	< .01	0	< .01	103	< .01
3199	4	.01	0	< .01	0	< .01	160	.01
3200	4	.01	0	< .01	0	< .01	0	< .01
3210	2	< .01	255	< .01	347	< .01	0	< .01
3211	83	.11	5,391	.03	16,524	.17	329	.02
3221	334	.46	12,727	.06	27,367	.29	2,699	.13
3225	2	< .01	2	< .01	0	< .01	0	< .01
3229	259	.36	6,912	.03	11,511	.12	5,901	.27
3231	27	.04	131	< .01	559	.01	473	.02
3241	1,377	1.91	285,883	1.36	140,527	1.49	519	.02
3250	6	.01	0	< .01	12	< .01	1	< .01
3251	106	.15	2,069	.01	680	.01	226	.01
3253	2	< .01	0	< .01	0	< .01	0	< .01
3255	88	.12	3,563	.02	361	< .01	193	.01
3259	17	.02	592	< .01	224	< .01	370	.02
3261	18	.02	518	< .01	201	< .01	355	.02
3264	23	.03	249	< .01	2,441	.03	85	< .01
3269	2	< .01	0	< .01	0	< .01	139	.01
3270	3	< .01	0	< .01	0	< .01	0	< .01
3271	6	.01	73	< .01	69	< .01	1	< .01
3272	54	.07	5,054	.02	1,391	.01	6	< .01
3273	85	.12	3,266	.02	650	.01	35	< .01
3274	380	.53	26,305	.12	28,427	.30	955	.04
3275	195	.27	11,923	.06	2,446	.03	52	< .01
3281	75	.10	41	< .01	1	< .01	0	< .01
3291	54	.07	1,964	.01	741	.01	3,639	.17
3292	35	.05	347	< .01	113	< .01	484	.02
3293	19	.03	575	< .01	234	< .01	555	.03
3295	922	1.28	21,167	.10	4,454	.05	346	.02
3296	217	.30	1,669	.01	3,814	.04	1,702	.08
3297	48	.07	2,195	.01	1,296	.01	3	< .01
3299	26	.04	225	< .01	1,047	.01	465	.02
3300	5	.01	134	< .01	58	< .01	0	< .01
3312	2,520	3.49	231,314	1.10	138,792	1.47	29,374	1.36
3313	94	.13	7,696	.04	1,460	.02	5,518	.26
3315	13	.02	0	< .01	35	< .01	1,787	.08
3316	17	.02	0	< .01	105	< .01	216	.01
3317	6	.01	108	< .01	94	< .01	419	.02
3320	58	.08	1	< .01	48	< .01	36	< .01
3321	738	1.02	2,995	.01	1,991	.02	9,585	.44
3322	43	.06	156	< .01	335	< .01	479	.02
3323	38	.05	387	< .01	114	< .01	25	< .01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
3324	3	< .01	0	< .01	2	< .01	0	< .01
3325	44	.06	566	< .01	1,508	.02	303	.01
3329	1	< .01	0	< .01	0	< .01	0	< .01
3331	81	.11	727,631	3.45	1,379	.01	3	< .01
3332	80	.11	105,328	.50	2,231	.02	4	< .01
3333	58	.08	3,851	.02	242	< .01	1	< .01
3334	551	.76	96,536	.46	9,967	.11	2,752	.13
3339	55	.08	12,734	.06	5,394	.06	31	< .01
3340	21	.03	0	< .01	57	< .01	112	.01
3341	254	.35	27,434	.13	2,743	.03	688	.03
3351	44	.06	681	< .01	261	< .01	175	.01
3352	11	.02	431	< .01	162	< .01	394	.02
3353	78	.11	95	< .01	1,889	.02	18,067	.84
3354	76	.11	725	< .01	268	< .01	796	.04
3355	47	.07	0	< .01	461	< .01	826	.04
3356	56	.08	44	< .01	4,221	.04	943	.04
3357	31	.04	334	< .01	120	< .01	4,045	.19
3361	29	.04	47	< .01	59	< .01	45	< .01
3362	9	.01	164	< .01	29	< .01	283	.01
3369	14	.02	2,015	.01	784	.01	1,067	.05
3390	1	< .01	3	< .01	3	< .01	1	< .01
3391	7	.01	11,758	.06	140	< .01	1	< .01
3399	37	.05	250	< .01	298	< .01	342	.02
3400	46	.06	42	< .01	77	< .01	1,881	.09
3402	1	< .01	0	< .01	0	< .01	569	.03
3411	639	.88	259	< .01	461	< .01	28,134	1.31
3412	32	.04	0	< .01	8	< .01	1,033	.05
3421	13	.02	81	< .01	331	< .01	304	.01
3422	2	< .01	0	< .01	0	< .01	47	< .01
3423	8	.01	9	< .01	3,854	.04	229	.01
3427	1	< .01	0	< .01	0	< .01	43	< .01
3429	71	.10	537	< .01	363	< .01	1,583	.07
3431	12	.02	187	< .01	80	< .01	288	.01
3433	4	.01	0	< .01	0	< .01	306	.01
3441	8	.01	0	< .01	17	< .01	975	.05
3442	30	.04	0	< .01	0	< .01	2,335	.11
3443	31	.04	21	< .01	573	.01	549	.03
3444	19	.03	0	< .01	11	< .01	907	.04
3446	3	< .01	0	< .01	0	< .01	160	.01
3448	8	.01	0	< .01	0	< .01	343	.02
3449	6	.01	0	< .01	0	< .01	157	.01
3451	3	< .01	0	< .01	0	< .01	136	.01
3452	9	.01	0	< .01	5	< .01	316	.01
3461	30	.04	263	< .01	78	< .01	1,690	.08
3462	26	.04	1,261	.01	963	.01	46	< .01
3463	4	.01	1,770	.01	160	< .01	11	< .01
3465	34	.05	537	< .01	320	< .01	1,295	.06
3466	18	.02	47	< .01	5,307	.06	1,314	.06
3469	30	.04	322	< .01	70	< .01	798	.04
3471	22	.03	0	< .01	0	< .01	2,041	.09
3479	92	.13	86	< .01	340	< .01	4,152	.19
3481	5	.01	114	< .01	2,054	.02	50	< .01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
3483	36	.05	6,115	.03	2,289	.02	62	< .01
3489	13	.02	4	< .01	7	< .01	308	.01
3490	3	< .01	0	< .01	0	< .01	420	.02
3491	2	< .01	0	< .01	0	< .01	138	.01
3493	6	.01	100	< .01	27	< .01	7	< .01
3494	9	.01	125	< .01	72	< .01	58	< .01
3496	7	.01	0	< .01	0	< .01	211	.01
3497	52	.07	0	< .01	0	< .01	3,524	.16
3498	1	< .01	0	< .01	0	< .01	102	< .01
3499	80	.11	907	< .01	570	.01	5,768	.27
3500	3	< .01	27	< .01	102	< .01	0	< .01
3510	6	.01	300	< .01	143	< .01	184	.01
3511	16	.02	46	< .01	428	< .01	518	.02
3519	107	.15	1,122	.01	992	.01	2,045	.09
3520	5	.01	12	< .01	257	< .01	364	.02
3522	20	.03	0	< .01	0	< .01	240	.01
3523	123	.17	9,947	.05	2,039	.02	3,780	.18
3524	11	.02	0	< .01	8	< .01	352	.02
3531	132	.18	8,370	.04	3,747	.04	2,218	.10
3532	10	.01	143	< .01	63	< .01	3	< .01
3534	18	.02	0	< .01	0	< .01	238	.01
3537	13	.02	1,436	.01	803	.01	557	.03
3541	11	.02	347	< .01	53	< .01	471	.02
3542	11	.02	132	< .01	24	< .01	146	.01
3546	1	< .01	0	< .01	0	< .01	44	< .01
3551	6	.01	186	< .01	40	< .01	4	< .01
3553	17	.02	384	< .01	23	< .01	2	< .01
3555	8	.01	15	< .01	5	< .01	468	.02
3559	8	.01	4,696	.02	5,071	.05	196	.01
3562	9	.01	106	< .01	37	< .01	418	.02
3569	5	.01	0	< .01	2	< .01	323	.01
3572	4	.01	0	< .01	1	< .01	142	.01
3573	52	.07	15,661	.07	4,378	.05	952	.04
3576	5	.01	0	< .01	0	< .01	114	.01
3579	4	.01	110	< .01	22	< .01	163	.01
3581	8	.01	147	< .01	2	< .01	226	.01
3582	8	.01	94	< .01	119	< .01	376	.02
3585	89	.12	1,019	< .01	387	< .01	2,902	.13
3589	2	< .01	0	< .01	1	< .01	151	.01
3592	1	< .01	0	< .01	0	< .01	20	< .01
3599	5	.01	46	< .01	143	< .01	179	.01
3600	4	.01	113	< .01	100	< .01	2	< .01
3611	5	.01	57	< .01	92	< .01	7	< .01
3612	50	.07	13,546	.06	6,823	.07	798	.04
3613	3	< .01	155	< .01	31	< .01	4	< .01
3619	1	< .01	153	< .01	56	< .01	1	< .01
3621	99	.14	5	< .01	118	< .01	3,703	.17
3622	11	.02	412	< .01	82	< .01	7	< .01
3623	6	.01	127	< .01	69	< .01	360	.02
3624	156	.22	5,281	.03	274	< .01	1,263	.06
3629	5	.01	53	< .01	31	< .01	23	< .01
3630	2	< .01	0	< .01	52	< .01	0	< .01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
3632	52	.07	3,861	.02	934	.01	9,605	.45
3633	38	.05	0	< .01	69	< .01	1,906	.09
3634	9	.01	0	< .01	3	< .01	649	.03
3635	8	.01	0	< .01	10	< .01	299	.01
3639	25	.03	1,475	.01	756	.01	752	.03
3641	12	.02	33	< .01	0	< .01	1,417	.07
3642	1	< .01	252	< .01	175	< .01	0	< .01
3643	16	.02	126	< .01	35	< .01	246	.01
3644	12	.02	182	< .01	30	< .01	239	.01
3645	6	.01	0	< .01	0	< .01	104	< .01
3647	3	< .01	0	< .01	0	< .01	194	.01
3648	17	.02	19	< .01	11	< .01	618	.03
3651	7	.01	0	< .01	0	< .01	185	.01
3652	2	< .01	63	< .01	408	< .01	5	< .01
3661	93	.13	516	< .01	349	< .01	2,067	.10
3662	28	.04	482	< .01	6,979	.07	485	.02
3673	4	.01	0	< .01	0	< .01	256	.01
3674	55	.08	271	< .01	136	< .01	1,242	.06
3675	16	.02	1,902	.01	316	< .01	114	.01
3676	10	.01	0	< .01	4	< .01	124	.01
3677	3	< .01	0	< .01	18	< .01	142	.01
3679	154	.21	816	< .01	766	.01	15,171	.70
3691	8	.01	392	< .01	1,048	.01	61	< .01
3694	36	.05	2,843	.01	456	< .01	2,539	.12
3699	9	.01	0	< .01	10	< .01	204	.01
3700	18	.02	720	< .01	375	< .01	1,088	.05
3711	996	1.38	16,514	.08	7,325	.08	117,081	5.43
3713	124	.17	1,089	.01	244	< .01	9,138	.42
3714	399	.55	13,845	.07	5,140	.05	20,661	.96
3715	7	.01	0	< .01	0	< .01	740	.03
3721	236	.33	1,317	.01	1,583	.02	6,657	.31
3722	2	< .01	0	< .01	0	< .01	120	.01
3724	91	.13	3,687	.02	2,364	.03	715	.03
3728	90	.12	372	< .01	282	< .01	1,997	.09
3731	124	.17	4,470	.02	846	.01	5,154	.24
3732	16	.02	0	< .01	0	< .01	1,279	.06
3743	42	.06	6,463	.03	2,766	.03	507	.02
3751	58	.08	122	< .01	33	< .01	1,189	.06
3761	21	.03	74	< .01	29	< .01	318	.01
3764	43	.06	809	< .01	323	< .01	33,866	1.57
3769	28	.04	0	< .01	58	< .01	180	.01
3792	22	.03	0	< .01	2	< .01	1,185	.05
3795	44	.06	592	< .01	668	.01	1,203	.06
3799	10	.01	0	< .01	0	< .01	229	.01
3801	1	< .01	0	< .01	0	< .01	398	.02
3811	6	.01	3	< .01	7	< .01	67	< .01
3822	34	.05	119	< .01	45	< .01	392	.02
3823	20	.03	41	< .01	20	< .01	153	.01
3825	6	.01	0	< .01	0	< .01	163	.01
3841	21	.03	13	< .01	12	< .01	819	.04
3842	8	.01	301	< .01	58	< .01	110	.01
3851	1	< .01	0	< .01	0	< .01	118	.01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
3861	241	.37	42,003	.20	15,771	.17	17,955	.83
3900	12	.02	11	< .01	1,046	.01	627	.03
3911	16	.02	956	< .01	237	< .01	239	.01
3914	5	.01	107	< .01	31	< .01	42	< .01
3931	16	.02	30	< .01	200	< .01	925	.04
3944	21	.03	0	< .01	6	< .01	1,551	.07
3949	47	.07	2	< .01	12	< .01	1,066	.05
3952	14	.02	133	< .01	61	< .01	689	.03
3955	8	.01	0	< .01	0	< .01	940	.04
3995	42	.06	105	< .01	980	.01	1,434	.07
3996	13	.02	314	< .01	12	< .01	2,141	.10
3998	3	< .01	0	< .01	0	< .01	122	.01
3999	32	.04	422	< .01	202	< .01	1,315	.06
4011	26	.04	755	< .01	204	< .01	781	.04
4013	7	.01	170	< .01	27	< .01	121	.01
4111	1	< .01	98	< .01	123	< .01	3	< .01
4221	55	.08	0	< .01	6	< .01	0	< .01
4225	1	< .01	0	< .01	0	< .01	360	.02
4226	175	.24	402	< .01	334	< .01	4,758	.22
4231	4	.01	50	< .01	8	< .01	174	.01
4391	4	.01	0	< .01	0	< .01	154	.01
4411	2	< .01	15,349	.07	13,382	.14	275	.01
4463	78	.11	2,968	.01	1,217	.01	440	.02
4511	27	.04	4	< .01	60	< .01	204	.01
4521	1	< .01	320	< .01	52	< .01	1	< .01
4582	75	.10	500	< .01	1,695	.02	2,192	.10
4612	89	.12	647	< .01	427	< .01	6,305	.29
4613	90	.12	0	< .01	190	< .01	4,859	.23
4623	1	< .01	0	< .01	103	< .01	0	< .01
4789	7	.01	0	< .01	0	< .01	0	< .01
4811	4	.01	127	< .01	215	< .01	2	< .01
4900	26	.04	77	< .01	957	.01	31	< .01
4911	4,574	6.33	15,762,519	74.81	6,612,460	70.02	54,743	2.54
4912	8	.01	5	< .01	581	.01	52	< .01
4916	1	< .01	210	< .01	104	< .01	1	< .01
4922	1,481	2.05	24,037	.11	210,204	2.23	7,450	.35
4923	93	.13	8,413	.04	22,520	.24	776	.04
4924	85	.12	1,669	.01	13,082	.14	376	.02
4925	72	.10	785	< .01	9,972	.11	314	.01
4931	347	.48	418,407	1.99	181,138	1.92	1,377	.06
4939	3	< .01	372	< .01	304	< .01	12	< .01
4941	6	.01	0	< .01	772	.01	14	< .01
4952	110	.15	1,490	.01	2,428	.03	181	.01
4953	189	.26	25,046	.12	16,022	.17	4,343	.20
4961	274	.38	39,332	.19	26,148	.28	558	.03
4992	1	< .01	0	< .01	11	< .01	0	< .01
5013	8	.01	138	< .01	48	< .01	186	.01
5039	3	< .01	0	< .01	0	< .01	0	< .01
5043	5	.01	0	< .01	0	< .01	605	.03
5052	11	.02	0	< .01	0	< .01	0	< .01
5053	8	.01	0	< .01	0	< .01	0	< .01
5074	8	.01	368	< .01	56	< .01	0	< .01

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
5075	3	< .01	0	< .01	0	< .01	192	.01
5092	11	.02	251	< .01	3	< .01	948	.04
5093	9	.01	3	< .01	153	< .01	4	< .01
5123	2	< .01	0	< .01	0	< .01	0	< .01
5149	8	.01	104	< .01	179	< .01	2	< .01
5151	7	.01	0	< .01	0	< .01	0	< .01
5153	364	.50	963	< .01	311	< .01	11	< .01
5161	33	.05	0	< .01	0	< .01	911	.04
5171	1,806	2.50	2,234	.01	2,126	.02	74,664	3.46
5172	24	.03	728	< .01	5,259	.06	562	.03
5182	1	< .01	0	< .01	0	< .01	805	.04
5191	2	< .01	0	< .01	0	< .01	0	< .01
5261	2	< .01	200	< .01	22	< .01	2	< .01
5417	18	.02	0	< .01	223	< .01	30	< .01
5541	2	< .01	0	< .01	0	< .01	22	< .01
5712	1	< .01	0	< .01	0	< .01	141	.01
6512	6	.01	213	< .01	291	< .01	10	< .01
6513	24	.03	1,764	.01	1,547	.02	51	< .01
6514	31	.04	2,448	.01	2,354	.02	117	.01
7011	3	< .01	275	< .01	51	< .01	6	< .01
7041	3	< .01	183	< .01	30	< .01	4	< .01
7211	3	< .01	2	< .01	294	< .01	124	.01
7215	2	< .01	0	< .01	0	< .01	305	.01
7216	6	.01	0	< .01	0	< .01	553	.03
7218	3	< .01	0	< .01	0	< .01	636	.03
7314	2	< .01	0	< .01	0	< .01	248	.01
7391	34	.05	2,103	.01	1,272	.01	200	.01
7397	1	< .01	0	< .01	0	< .01	122	.01
7535	3	< .01	0	< .01	0	< .01	143	.01
7819	8	.01	1	< .01	12	< .01	54	< .01
7996	23	.03	3	< .01	73	< .01	147	.01
8051	3	< .01	117	< .01	26	< .01	0	< .01
8059	8	.01	1,587	.01	156	< .01	15	< .01
8061	27	.04	2,448	.01	63	.01	17	< .01
8062	119	.16	7,300	.03	3,655	.04	90	< .01
8063	116	.16	18,463	.09	3,263	.03	122	.01
8069	23	.03	1,980	.01	275	< .01	6	< .01
8091	9	.01	1,956	.01	337	< .01	24	< .01
8092	4	.01	300	< .01	56	< .01	4	< .01
8211	17	.02	1,827	.01	1,087	.01	8	< .01
8212	3	< .01	995	< .01	79	< .01	1	< .01
8221	534	.74	63,306	.30	18,355	.19	841	.04
8249	3	< .01	1,039	< .01	48	< .01	0	< .01
8299	19	.03	1,846	.01	210	< .01	2	< .01
8361	21	.03	4,390	.02	673	.01	22	< .01
8631	1	< .01	0	< .01	69	< .01	0	< .01
8911	13	.02	8	< .01	59	< .01	100	< .01
8922	22	.03	1,078	.01	391	< .01	62	< .01
8999	9	.01	911	< .01	195	< .01	10	< .01
9100	13	.02	370	< .01	80	< .01	84	< .01
9119	3	< .01	135	< .01	46	< .01	0	< .01
9145	14	.02	769	< .01	187	< .01	474	.02

Emissions in tons/year.

Appendix F

Analysis of Point Source Emissions by SIC

SIC	No. Points	% Total	SO ₂ Emiss	% Total	NO _x Emiss	% Total	VOC Emiss	% Total
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9199	4	.01	102	< .01	59	< .01	7	< .01
9223	105	.15	11,637	.06	1,890	.02	243	.01
9233	3	< .01	186	< .01	23	< .01	3	< .01
9280	6	.01	793	< .01	318	< .01	4	< .01
9282	5	.01	162	< .01	31	< .01	50	< .01
9311	3	< .01	251	< .01	40	< .01	0	< .01
9349	4	.01	21	< .01	107	< .01	4	< .01
9400	2	< .01	0	< .01	16	< .01	0	< .01
9431	11	.02	631	< .01	678	.01	31	< .01
9511	48	.07	2,463	.01	4,406	.05	373	.02
9532	2	< .01	132	< .01	34	< .01	2	< .01
9611	44	.06	2,771	.01	953	.01	99	< .01
9621	12	.02	329	< .01	119	< .01	192	.01
9631	13	.02	2,659	.01	1,169	.01	71	< .01
9710	4	.01	127	< .01	37	< .01	93	< .01
9711	674	.93	21,284	.10	9,292	.10	12,825	.60
9923	1	< .01	370	< .01	47	< .01	1	< .01
9999	5	.01	498	< .01	211	< .01	5	< .01
	72,261		21,070,610		9,443,980		2,155,395	

Emissions in tons/year.

Appendix G
Table G-1
Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
10100101	22,333	14,793	304	1,817,868	11,816	52.91	7,840	53.00	277	91.12						
10100102	36	9		1,874	36	100	9	100								
10100201	1,426,154	604,022	7,652	119,854,307	124,527	8.73	60,119	9.95	258	3.37						
10100202	9,639,157	3,157,868	17,582	337,650,202	1,022,176	10.60	399,467	12.65	1,418	8.07						
10100203	1,818,798	680,835	3,105	38,232,907												
10100204	107,582	13,518	112	2,179,336												
10100205	22,534	2,065	164	670,250												
10100212	1,058,920	324,597	1,547	39,723,274	53,967	5.10	21,035	6.48	106	6.85						
10100217	320	178	12	25,509	22,444	40.48	13,945	20.16	100	32.57						
10100221	55,442	69,173	307	5,877,259												
10100222	388,162	540,463	2,680	73,951,623												
10100223	52,294	57,706	130	3,746,612												
10100224	6,976	3,634	20	563,952												
10100225	86,114	46,441	161	47,518												
10100226	172,658	102,071	1,633	23,203,768												
10100301	397,584	243,006	2,807	15,247,650	202,568	50.95	126,722	52.15	2,268	80.80	57,247	14.40	31,550	12.98	346	12.33
10100302	88,190	62,311	477	190,341	86,734	98.35	61,550	98.78	470	98.53						
10100303	106,084	70,497	1,231	9,627,846												
10100304	29,905	17,444	1,675		29,905	100	17,444	100	1,675	100						
10100306	5,962	1,446		448,909												
10100401	459,189	152,462	3,331	5,131,780	24,172	5.26	11,465	7.52	198	5.94	5,613	1.22	2,365	1.55	125	3.75
10100404	116,633	30,463	766	1,289,526	2,229	1.91	1,524	5.00	42	5.48			4	.01	1	.13
10100405	21,700	3,676	133	174,132			19	.52					165	25.15	30	90.91
10100406	13	656	33	23,097	1,672	3.07	1,385	4.37	22	2.66	25,325	46.57	11,519	36.32	1	2.44
10100501	54,382	31,716	827	445,288			850	44.76	22	53.66	114	10.94	193	10.16		
10100504	1,042	1,899	41	27,885												
10100505	502	231	9	13,421												
10100601	3,574	351,257	724	3,378,658	1,683	47.09	118,394	33.71	184	25.41	807	22.58	24,625	7.01	149	20.58
10100602	2,232	34,908	2,383	21,341	2,191	98.16	32,206	92.26	2,327	97.65	39	1.75	674	1.93	14	.59
10100604	626	61,733	152	237,889	116	18.53	22,965	37.20	49	32.24	330	52.72	3,689	5.98	66	43.42
10100701	146	8,228	100	18,311	20	13.70	3,230	39.26	87	87.00			211	2.56	1	1.00
10100702	15	3,228	34	7	3,493	46.67	3,226	99.94								
10100801	18,906	2,327	1	306,355			732	31.46								
10100901	20	305	45	126,648	38	22.49	700	22.38	216	24.46						
10100902	169	3,128	883	2,103,903												
10100903	38	187	22	364,346												
10101002		2		579												
10101201	121	1,877	77	2,071,328												

Emissions in tons/year. Activity rate in appropriate SCC units.
Emi Miss Heat = Emissions from points with missing fuel heat content data.
Emi Heat=0 = Emissions from points with fuel heat content equal to 0.
% SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-1
Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
10101301	2,026	180	19	28,004	2,026	100	180	100	18	94.74						
10101302	7	2		81	1	14.29										
10200101	9,099	1,758	6	185,036	80	.88	93	5.29								
10200104	1,872	1,068	4	213,300	1,082	57.80	440	41.20								
10200107	10	1	3	563	10	100	1	100	3	100						
10200201	101,369	53,598	147	10,391,124												
10200202	408,855	162,998	898	17,373,149												
10200203	81,760	36,109	129	1,901,634												
10200204	321,774	82,243	1,711	11,355,528												
10200205	97,042	12,826	297	2,438,787												
10200206	18,090	4,627	772	959,808												
10200210	1,518	496	126	105,227												
10200212	9,504	4,909	31	666,071												
10200217	5,438	5,789	36	249,899												
10200219	12,128	9,626	31	1,011,837												
10200221	83	176		10,353												
10200222	4,233	3,781	13	411,684												
10200224	9,902	5,652	30	808,296												
10200225	8,396	1,126	21	300,334												
10200301	45,759	7,638	63	96,408												
10200303	341	131	1	35,000												
10200306	2,412	1,765	169	337,532												
10200401	345,975	102,201	6,081	3,466,889												
10200402	39,312	25,856	863	1,031,617												
10200403	2,617	794	24	29,313												
10200404	5,715	5,786	26	100,334												
10200405	1,655	239	3	8,692												
10200501	12,649	16,583	1,230	436,793												
10200502	2,065	3,324	117	59,949												
10200503	788	398	9	7,934												
10200504	3,736	2,541	73	44,996												
10200505																
10200601	23,253	181,211	1,707	1,843,252												
10200602	8,696	49,999	1,474	401,316												
10200603	264	13,329	451	52,888												
10200604	309	1,611	12	6,862												
10200701	41,553	38,526	954	164,734												
10200704	5,980	31,749	180	1,590,960												

Emissions in tons/year. Activity rate in appropriate SCC units.
 Emi Miss Heat = Emissions from points with missing fuel heat content data.
 Emi Heat=0 = Emissions from points with fuel heat content equal to 0.
 % SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-1
Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
10200707	17,639	5,524	26	111,478	17,513	43.28	14,000	73.10	58	2.74	4,565	11.28	2,615	6.03	155	7.32
10200710	27	315	343	5,460												
10200799	40,469	19,151	2,118	2,098,033												
10200802	2,247	896	21	392,652												
10200804	9,665	5,867	6	834,218												
10200901	6,853	21,951	6,161	17,664,471												
10200902	5,616	47,751	19,978	27,630,442												
10200903	1,062	10,648	3,814	5,595,285												
10200904	4	28	35	78,352												
10200905	46	764	180	375,904												
10200906	16	213	77	190,703												
10200907	1,447	2,432	293	1,857,134												
10201001		4	3	94,807												
10201002	27	624	6	2,991,200												
10201101	170	1,690	1,582	1,858,750												
10201201	2,633	2,852	34	1,194,523												
10201301	8,818	10,014	597	23,029												
10201302	1,351	1,818	182	229												
10201401	9	20	51	7,039												
10201402	4,292	1,515	4	6,419												
10201403	3,836	129	4	76,762												
10201404	376	918	124	17,459												
10300101	82	159	17	144,200												
10300102	2,605	869	66	13,412												
10300103	346	15	6	85,029												
10300205	1,165	709	14	351,284												
10300206	7,618	3,724	167	985,639												
10300207	40,370	4,053	303	282,419												
10300208	6,175	1,507	172	1,619,747												
10300209	50,362	11,129	2	9,800												
10300211	344	35	2	7,397												
10300214	213	39	16	23,329												
10300217	183	131	1	80,393												
10300222	555	844	2	55,857												
10300224	726	391	2	148,750												
10300225	6,223	557	6	138,596												
10300309	973	467	210	391,594												
10300401	36,812	14,346	718													

Emissions in tons/year. Activity rate in appropriate SCC units.
 Emi Miss Heat = Emissions from points with missing fuel heat content data.
 Emi Heat=0 = Emissions from points with fuel heat content equal to 0.
 % SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-1
Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
10300402	4,570	1,12	32	45,171												
10300403	25	24		546												
10300404	964	225	5	6,955												
10300501	2,041	1,229	82	26,334												
10300502	136	46	2	4,117												
10300503	10	8		246												
10300504	3,074	1,554	95	40,891												
10300601	131	12,077	26	54,658												
10300602	549	3,883	34	35,616												
10300603	38	2,811	64	1,276												
10300701	16	260	30	91,337												
10300799	1	114	76	8,107												
10300901	4	48	22	50,501												
10300902	43	2,331	82	191,772												
10300903	30	385	181	390,676												
10301002				38												
10301201	300	1,085	43	622,668												
10301301		118	51	3,596												
10301302				9												
10500102																
10500105	569	332	369	535,070												
10500106	13	2,398	758	39,402												
10500110	18	5		42												
10500205	147	69	2	6,830												
10500206		540		3,118												
10500209				150												
20100101	5,505	10,582	464	153,854												
20100102	4,339	4,520	154	15,622												
20100201	26,755	37,238	685	101,404												
20100202	150	26,868	182	20,235												
20100901	30	762	79	7,503												
20100902			14	3												
20200101	25	195	6	1,574												
20200102	289	4,074	247	14,173												
20200103	68	168	20	9,744												
20200201	781	78,333	668	174,546												
20200202	4,173	531,395	15,682	289,232												
20200203	212	6,291	139	10,272												

Emissions in tons/year. Activity rate in appropriate SCC units.
 Emi Miss Heat = Emissions from points with missing fuel heat content data.
 Emi Heat=0 = Emissions from points with fuel heat content equal to 0.
 % SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-1
Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
20200204	4	2,811	15	10,888	10	71.43	29	26.36	42	18.83	4	28.57	77	7	175
20200301	14	1,110	223	2,200	97	80.83	1,792	89.20	89	91.75	20	16.67	175	8.71	4
20200401	120	2,009	97	7,748							98	14.61	571	43.96	6
20200501	671	1,299	61	2,425	3	.71	3	1.64	12	63.16	404	95.96	64	34.97	6
20200901	421	183	19	656							22	100	22	100	1
20200902		22	13	1,801							49	35.00	49	35.00	7.69
20201001		140	53	24,761	3										
20300101	1,692	3,455	53	9,189											
20300102		12,277	213	9,189											
20300201	26	217	5	816											
20300202	182	1,576	2,260	1,018											
20300301		183	7	866											
20301001	203	1,931	1,855	22,402											
20400101	1	13	12	295											
20400201	22	1,365	12	90											
20400301		3		20,493											
20400302	54	1,041	1,575	6,897											
20400401	107	1,248	82	25											
20400402			6	357,440											
28888801	215	1,389	308	98,179											
28888802			4	1,013,232											
28888803	1,075	83	6,155	2,709											
30100504	3,959	121	25,958	268,413											
30100601	4,012	2,536	24,729	96,020											
30100603		1,013	12,577	1,304											
30100604	18	59	2	158,485											
30100605	613	40	98	271,832											
30100699	1,908	6,168	58	1,106											
30190003		101		11,190											
30190004															
30190012	657	507	4	7											
30190013	2,016		437												
30190014	39,615	3,646	992	2,827,589											
30190099	7,303	2,343	8,739	35,832,171											
30300302	13,493	1,260	543	27,181,479											
30300303															

Emissions in tons/year. Activity rate in appropriate SCC units.
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 % SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

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Table G-1
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SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
30300304	3,304	1,925	158	25,166,425	2,890	87.47	605	31.43	146	92.41	414	12.53	1,320	68.57	12	7.59
30300305				4,255,501												
30300306	40,815	4,627	1,552	20,155,913	11,502	28.18	633	13.68	1,093	70.43	27,954	68.49	3,887	84.01	291	18.75
30300307				12,543,250	100	30.67	42	27.27	1,497	67.28	201	61.66	61	39.61	699	31.42
30300308	326	34	2,225	21,489,908												
30300309				1,400,000												
30300310				9,627,367	41	100							1	18	531	86.34
30300312	3,243	543	615	9,752,869	3,114	96.02			84	13.66	129	3.98	90	95.74	169	37.72
30300313	115	94	448	7,764,158	28	24.35			279	62.28	87	75.65	317	100	2,792	91.36
30300314	2,142	317	3,056	7,757,611	1,002	46.78			244	8.64	1,140	53.22	34	100	227	100
30300315	175	34	227	1,134,061												
30300316	2,062	431	818	4,941,098	1,897	92.00			690	84.35	1,162	72.67	319	58.96	13	100
30300399	1,599	541	13	405,008					5	100						
30300401	870	1,385	5	31,949,327	870	100	1,385	100								
30302312	15	2		246,622	15	100	86	100								
30302313	671	86		12,694,889	671	100	36	94.74								
30302314	1,370	265	9	3,470												
30390003		38	3	3,189												
30390023	615	48		2,423					6	75.00						
30390024		3		220												
30490001	24	4,162	792	1,180,825	2	10.53	16	61.54								
30490003	19	26	8	601,175												
30500206	19	19	42	1,249												
30500207	4	55		708,607												
30500208		19	42	46,440					34	80.95	28	100	13	23.64	2	4.76
30500311	28	268	156	429,670												
30500312	1,299	55		75,313	103	7.93	23	41.82	29	18.59			26	72.22	4	2.56
30500313	300	55	43	116,723					37	13.81	300	100	35	13.06		
30500314	288	55		21,500	96	33.33	40	72.73	19	44.19	192	66.67	15	27.27	24	55.81
30500316	32	2		8	32	100	2	100					32	58.18		
30500402				938												
30590001	134	25		391												
30590002		28		62,040												
30590003	4,762	2,050	109	115,682,069												
30600101	3,360	10,703	26	11,446,935												
30600102	75,171	27,210	2,685	37,894,356												
30600103	57,822	97,451	3,774													
30600104																

Emissions in tons/year.
 Emi Miss Heat = Emissions from points with missing fuel heat content data.
 Emi Heat=0 = Emissions from points with fuel heat content equal to 0.
 % SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-1
Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
30600105	548	2,210	18	311,201												
30600106	13,731	14,831	871	154,270											18	81.82
30600107	60	679	22	74,915											3	2
30600199	7,558	63	15	7,928,012												
30600902	22	63	37	217,636												
30600903	2,456	77	86	164												
30600904	17,798	778	26	381,958												
30601401	12,561	1,082	117	5,101,117												
30609902	8,927	16														
30609903	16,183	64														
30609904	4,208	72														
30790003	39	213	3	348												
30790013	13	16	1	2,622												
31000404	441	2,607	21	1,112												
31000405	359	58		12,043												
31000413	259	171	8	643												
31000414	17	849	53	2,843												
31000415		87	35	2,791												
39000189	99		3	7,969												
39000199	78			113,819												
39000201	77,858	392		6,312,886												
39000203	6,384			1,374,546												
39000289	6,826	4,291	22	396,524												
39000299	10,925	5,075		9,484,978												
39000389	72	69		10,379												
39000402	3,572	10		80,048												
39000403	735	96		50,441												
39000489	19,455	4,935	28	58,631												
39000499	1,644	511	13	265,233												
39000501	59	12		832												
39000502	2,403	319	13	74,438												
39000503	12			2,270												
39000589	1,622	825	206	55,439												
39000599	1,826	1,400	239	218,813												
39000602		1		306,450												
39000603		32		13,731												
39000605		53		4,800												
39000689	12,687	23,531	2,070	273,333												

Emissions in tons/year. Activity rate in appropriate SCC units.
 Emi Miss Heat = Emissions from points with missing fuel heat content data.
 Emi Heat=0 = Emissions from points with fuel heat content equal to 0.
 % SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-1

Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
39000699	993	5,291	1,918	357,700												
39000701	6	236	16	421,014												
39000702	4,331	1,380	25	193,971												
39000788		361	2	11,128												
39000789	4,796	1,220	2	65,119												
39000797	699	540	6	563,960												
39000798				362,772												
39000799	122	15	26	69,813												
39000801				10,976												
39000889	9,567	3,185	2	337,106												
39000899	89	55	58	2,414,424												
39000989	2	137	9	91,944												
39000999	1	21	9	190,736												
39001089	4	56	474	9,651												
39001099			6	81,165												
39001299	26	33	6	3,192,321												
39001389	140	291	117	35,243												
39001399	3	93	8	224,286												
39990003	37	275	2,173	2,343												
39990013	412	5,742	19	87,321												
40201001	110	573	19	194,554												
50100506	2	19	494	37,500												
50100510	3	173		182												
50190005				38												
50190006				75												
50190010	105	126	60	11,049												
50200201				8												
50200601				142												
50290005				237,464												
50290006	1,978	1,316	140	110,874												
50300101	6,047	1,714	176	114,461												
50300102	833	538	47	5,270												
50300103		13	14	239,620												
50300104	14	151	1,006	12,518												
50300105	2	48	35													
50300106																

Emissions in tons/year. Activity rate in appropriate SCC units.

Emi Miss Heat = Emissions from points with missing fuel heat content data.

Emi Heat=0 = Emissions from points with fuel heat content equal to 0.

% SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-1
Analysis of Fuel Heat Content Data

SCC	SO ₂ Emissions	NO _x Emissions	VOC Emissions	Activity Rate	SO ₂ Emi Miss Heat	% SCC Emi	NO _x Emi Miss Heat	% SCC Emi	VOC Emi Miss Heat	% SCC Emi	SO ₂ Emi Heat=0	% SCC Emi	NO _x Emi Heat=0	% SCC Emi	VOC Emi Heat=0	% SCC Emi
50300202	1	89	6	2,890							1	100	89	100	6	100
50300506	473	326	13	116,832							16	3.38	85	26.07	3	23.08
50300601	155	80	257	5,782							155	100	80	100	257	100
50390005	8			1,809							8	100				
50390006	727	463	294	3,656												
TOTAL	18,659,263	8,768,793	241,682		1,848,479	9.91	1,032,232	11.77	73,022	294	100	30.21	104,541	1.19	39,476	16.33

Emissions in tons/year. Activity rate in appropriate SCC units.
 Emi Miss Heat = Emissions from points with missing fuel heat content data.
 Emi Heat=0 = Emissions from points with fuel heat content equal to 0.
 % SCC Emi = % of emissions from SCC represented by points with fuel heat content missing or equal to 0.

Appendix G
Table G-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Heat Content Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
10100101	22,333	14,793	1,817,868	26	26	26	0	0.00	1.05	0	0.00	.69
10100102	36	9	1,874									
10100201	1,426,154	604,022	119,854,307	22	16	26	3	0.00	123.75	2	0.00	174.58
10100202	9,639,157	3,157,868	357,650,202	154	16	11,922	3	0.00	8.81	1	0.00	3.78
10100203	1,818,798	680,835	38,232,907	158	5	11,507	5	0.00	18.64	2	0.00	7.40
10100204	107,582	13,518	2,179,336	24	10	27	5	.66	138.92	2	.06	67.86
10100205	22,534	2,065	670,250	65	20	1,050	4	.06	15.08	0	.01	.71
10100212	1,058,920	324,597	39,723,274	24	16	26	2	.13	6.48	1	.43	2.32
10100217	320	178	25,509	25	25	25	1	1.00	1.00	1	.56	.56
10100221	55,442	69,173	5,877,259	20	16	22	1	.27	.72	1	.40	2.00
10100222	388,162	540,463	73,951,623	19	15	27	1	0.00	3.37	1	0.00	7.27
10100223	52,294	57,706	3,746,612	17	16	19	10	0.00	62.50	62	0.00	423.35
10100224	6,976	3,634	563,952	19	16	26	1	0.00	2.90	1	0.00	.85
10100225	86,114	46,441	47,518	16	16	16	1	.56	.56	0	.35	.35
10100226	172,658	102,071	23,203,768	20	17	26	1	.22	1.24	1	.19	.88
10100301	397,584	243,006	15,247,650	14	13	16	1	0.00	1.99	1	0.00	1.08
10100302	88,190	62,311	190,341	13	13	13	1	1.18	1.18	1	.62	.62
10100303	106,084	70,497	9,627,846	13	12	14	2	1.04	2.45	1	.78	1.37
10100304	29,905	17,444					0	0.00	0.00	0	0.00	0.00
10100306	5,962	1,446	448,909	14	14	14	37	0.00	214.29	9	0.00	51.24
10100401	459,189	152,462	5,131,780	189	139	14,700	10	0.00	3,367.74	21	0.00	8,645.16
10100404	116,633	30,463	1,289,526	148	137	153	1	0.00	2.67	0	0.00	1.09
10100405	21,700	3,676	174,132	146	145	149	0	0.00	1.67	0	0.00	.28
10100406	13	656	23,097	145	145	145	0	0.00	.05	1	0.00	1.80
10100501	54,382	31,716	445,288	138	124	150	42	0.00	25,372.26	4	0.00	1,455.84
10100504	1,042	1,899	27,885	142	26	150	0	0.00	3.64	0	0.00	2.58
10100505	502	231	13,421	147	140	150	0	0.00	2.11	0	.10	.35
10100601	3,574	351,257	3,378,658	1016	21	1,200	0	0.00	16.50	7	0.00	3,810.00
10100602	2,232	34,908	21,341	1540	104	19,680	0	0.00	.00	1	0.00	2.73
10100604	626	61,733	237,889	1018	962	1,062	0	0.00	.01	0	0.00	1.63
10100701	146	8,228	18,311	1092	990	1,136	0	0.00	.06	0	0.00	.71
10100702	15	3,228	34	1151	1,151	1,151	0	0.00	.41	0	0.00	.10
10100801	18,906	2,327	306,355	28	28	29	4	1.89	7.40	1	.72	.75
10100901	20	305	126,648	9	9	9	0	0.00	.06	0	0.00	.88
10100902	169	3,128	2,103,903	11	8	20	0	0.00	.10	0	0.00	.62
10100903	38	187	364,346	737	8	8,000	0	0.00	.10	0	0.00	.63
10101002	0	2	579	236	90	2,371	0	0.00	0.00	0	0.00	.14
10101201	121	1,877	2,071,328	12	8	18	0	0.00	.04	0	0.00	.41

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix G
Table G-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
10101301	2,026	180	28,004	92	40	150	0	0.00	0.00	0	0.00	0.00
10101302	7	2	81	128	125	144	0	0.00	1.74	0	0.00	.53
10200101	9,099	1,758	185,036	22	22	22	4	4.43	4.43	1	.82	.82
10200104	1,872	1,068	213,300	25	25	26	1	.28	1.20	0	.39	.40
10200107	10	1	563	28	28	28	0	0.00	0.00	0	0.00	0.00
10200201	101,369	53,598	10,391,124	25	19	12,500	263	0.00	20,850.00	153	0.00	12,158.33
10200202	408,855	162,998	17,373,149	101	18	26	2	0.00	110.04	75	0.00	24,000.00
10200203	81,760	36,109	1,901,634	25	21	13,000	6	0.00	69.82	1	0.00	23.26
10200204	321,774	82,243	11,355,528	43	7	29	10	0.00	2,611.11	1	0.00	1.80
10200205	97,042	12,826	2,438,787	24	18	13,000	2	0.00	15.40	0	0.00	1.59
10200206	18,090	4,627	959,808	121	16	27	2	0.00	23.57	0	0.00	1.50
10200210	1,518	4,96	105,227	26	22	27	1	0.00	3.25	1	.58	.83
10200212	9,504	4,909	666,071	24	18	26	1	.58	1.81	1	.58	2.47
10200217	5,438	5,789	249,899	23	21	26	2	.90	2.05	1	.24	1.19
10200219	12,128	9,626	1,011,837	26	22	28	1	0.00	1.66	2	1.70	1.70
10200221	83	176	10,353	20	20	20	1	.80	.80	1	.83	.88
10200222	4,233	3,781	411,684	24	20	25	1	.73	1.08	1	0.00	.83
10200224	9,902	5,652	808,296	20	17	26	1	0.00	2.27	0	0.00	.42
10200225	8,396	1,126	300,334	25	20	27	2	.81	4.18	0	0.00	1.00
10200301	45,759	7,638	96,408	14	14	14	1	1.44	1.44	1	1.00	.34
10200303	341	131	35,000	22	22	22	1	.89	.89	0	0.00	3.57
10200306	2,412	1,765	337,532	16	12	28	3	0.00	26.12	1	0.00	11,640.00
10200401	345,975	102,201	3,466,889	156	18	17,500	19	0.00	22,653.33	8	0.00	31.95
10200402	39,312	25,856	1,031,617	150	140	160	1	0.00	183.01	0	0.00	13.42
10200403	2,617	794	29,313	150	140	153	4	0.00	184.62	1	0.00	4.73
10200404	5,715	5,786	100,334	148	135	165	2	0.00	77.51	0	0.00	.37
10200405	1,655	239	8,692	149	148	151	3	1.05	5.93	0	.36	222.22
10200501	12,649	16,583	436,793	140	1	1,039	1	0.00	98.21	1	0.00	29.93
10200502	2,065	3,324	59,949	147	130	1,030	2	0.00	112.42	1	0.00	266.67
10200503	788	398	7,934	140	130	150	13	0.00	226.67	17	0.00	145.96
10200504	3,736	2,541	44,996	142	26	150	3	0.00	228.19	3	0.00	0.00
10200505	0	0	7	150	150	150	0	0.00	0.00	0	0.00	2,880.39
10200601	23,253	181,211	1,843,252	1042	137	22,300	0	0.00	307.91	4	0.00	178.00
10200602	8,696	49,999	401,316	1047	1	19,430	0	0.00	42.00	1	0.00	407.84
10200603	264	13,329	52,888	1087	850	10,000	0	0.00	2.50	2	0.00	50.98
10200604	309	1,611	6,862	1023	960	1,050	0	0.00	3.25	5	.03	490.75
10200701	41,553	38,526	164,734	1045	7	1,430	2	0.00	366.37	6	0.00	1,645.16
10200704	5,980	31,749	1,590,960	88	74	100	0	0.00	5.38	45	0.00	

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix 6
Table 6-2

Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
10200707	17,639	5,524	111,478	543	471	1,000	0.00	9.46	0	0.00	3.20
10200710	27	5,315	5,460	1016	647	1,200	0.00	.03	0	0.00	.10
10200799	40,469	19,151	2,098,033	495	2	1,400	0.00	13.19	1	0.00	29.09
10200802	2,247	896	392,652	25	24	30	0.00	1.39	2	0.00	11.69
10200804	9,665	5,867	834,218	26	25	27	0.00	3.05	1	.39	.66
10200901	6,853	21,951	17,664,471	101	4	9,000	0.00	.47	0	0.00	2.34
10200902	5,616	47,751	27,630,442	43	4	5,500	0.00	5.53	1	0.00	210.14
10200903	1,062	10,648	5,595,285	14	4	40	0.00	3.92	1	0.00	83.54
10200904	4	28	78,352	31	10	92	0.00	.01	0	.01	.07
10200905	46	764	375,904	13	8	18	0.00	.18	0	.03	1.86
10200906	16	213	190,703	15	9	18	0.00	.07	0	0.00	.31
10200907	1,447	2,432	1,857,714	10	7	20	0.00	1.20	0	.07	.69
10201001	0	4	99,807	2110	78	91,000	0.00	0.00	13	0.00	0.00
10201002	27	624	2,991,200	9	7	16	0.00	4.76	0	0.00	492.31
10201101	170	1,690	1,858,750	200	8	6,000	0.00	31.11	7	0.00	77.13
10201201	2,633	2,852	1,194,523	160	1	1,792	0.00	87.79	2	0.00	.18
10201301	8,818	10,014	23,029	797	1	19,000	0.00	.05	0	.11	.26
10201302	1,351	1,818	7,039	1060	1,060	1,200	0.00	16.97	0	.20	.20
10201401	4,292	1,515	6,419	447	143	322	2.17	11.15	0	.05	1.01
10201402	3,836	918	76,762	265	150	25	.35	1.06	0	.73	.73
10201403	3,376	159	17,459	25	25	25	.41	3.73	1	.68	1.11
10201404	82	869	144,200	23	21	25	0.00	4.84	0	0.00	2.11
10300101	2,605	15	13,412	25	16	25	0.00	29.90	0	0.00	7.60
10300102	346	709	85,029	25	17	29	0.00	11.61	1	0.00	1.37
10300103	1,165	3,724	351,284	24	13	29	0.00	8.01	0	.13	3.85
10300205	7,618	4,053	985,639	26	13	76	0.00	11.93	1	0.00	3.13
10300206	40,370	1,507	282,419	243	5	13,500	0.00	6.00	0	.26	.28
10300207	6,175	11,129	1,619,747	26	24	24	1.14	2.38	0	.12	.61
10300208	50,362	35	9,800	26	25	26	.91	.59	0	.29	.53
10300209	344	39	7,397	25	24	24	.59	1.56	0	0.00	1.24
10300211	213	131	23,329	25	24	24	0.00	1.56	1	0.00	.78
10300214	183	844	80,393	17	17	18	0.00	3.93	0	0.00	.34
10300217	555	391	55,857	19	22	27	1.22	3.00	0	.27	.58
10300222	726	557	148,750	24	13	15	.58	880.14	0	0.00	373.29
10300224	6,223	467	138,596	188	8	17,880	0.00	0.00	3	0.00	0.00
10300225	14,346	14,346	391,594	188	8	17,880	0.00	0.00	3	0.00	0.00
10300309	36,812	14,346	391,594	188	8	17,880	0.00	0.00	3	0.00	0.00
10300401	36,812	14,346	391,594	188	8	17,880	0.00	0.00	3	0.00	0.00

Total emissions in tons/year.

Activity rate in appropriate SCC units.

Heat Content in 10⁶ BTU.

Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix 6
Table G-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
10300402	4,570	1,502	45,171	150	141	153	3	.03	28.42	2	.00	36.37
10300403	25	24	546	153	153	153	2	.03	2.24	0	.37	.64
10300404	964	225	6,955	148	145	150	1	0.00	2.42	0	0.00	.44
10300501	2,041	1,229	26,334	139	130	150	3	0.00	612.35	2	0.00	301.23
10300502	136	46	4,117	142	136	150	1	0.00	14.29	0	0.00	2.86
10300503	10	8	246	140	140	140	1	.28	1.09	0	.46	.47
10300504	3,074	1,554	40,891	146	140	152	1	0.00	1.76	0	0.00	.44
10300601	131	12,077	54,658	1104	850	20,000	0	0.00	.01	0	0.00	1.09
10300602	549	3,883	35,616	1004	26	1,100	0	0.00	8.76	0	0.00	6.59
10300603	38	2,811	1,276	998	870	1,050	0	0.00	5.44	28	0.00	111.64
10300701	16	260	91,337	689	626	801	0	0.00	.02	0	0.00	.27
10300799	1	114	8,107	600	600	600	0	0.00	.00	0	0.00	.05
10300901	4	48	50,501	10	9	10	0	0.00	.02	0	.13	.21
10300902	43	2,331	191,772	17	9	26	0	0.00	.02	0	.02	.08
10300903	30	385	390,676	12	8	17	0	0.00	.05	0	0.00	.63
10301002	0	0	38	93	91	94	0	0.00	0.00	1	0.00	1.89
10301201	300	1,085	622,668	16	10	21	0	0.00	.91	0	0.00	0.00
10301301	0	118	3,596	49	1	59	0	0.00	0.00	0	0.00	0.00
10301302	0	0	9	130	130	130	0	0.00	0.00	0	0.00	0.00
10500102	0	0	0	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
10500105	569	332	535,070	135	123	142	8	0.00	166.67	3	0.00	60.61
10500106	13	2,398	39,402	1693	1,000	17,670	8	0.00	.04	0	0.00	4.08
10500110	18	5	42	628	85	900	3	0.00	10.08	1	0.00	2.80
10500205	147	69	6,830	142	140	142	0	0.00	.32	0	0.00	.61
10500206	0	540	3,118	1042	1,000	1,050	0	0.00	0.00	0	.03	.53
10500209	0	0	150	144	130	1,039	1	0.00	0.00	3	0.00	0.00
20100101	5,505	10,582	153,854	144	130	142	42	0.00	31.36	64	0.00	111.57
20100102	4,339	4,520	15,622	135	130	142	0	0.00	1,421.54	0	0.00	2,116.79
20100201	26,755	37,238	101,404	1037	1,000	1,072	0	0.00	10.16	0	0.00	4.44
20100202	150	26,868	20,235	1027	875	1,100	0	0.00	3.51	3	0.00	21.44
20100901	30	762	7,503	135	135	135	0	0.00	.21	2	0.00	3.05
20100902	0	0	3	199	138	1,000	0	0.00	0.00	0	0.00	0.00
20200101	25	195	1,574	151	134	1,000	5	0.00	28.57	68	0.00	371.43
20200102	289	4,074	14,173	151	134	1,000	0	0.00	2.14	8	0.00	242.86
20200103	68	168	9,744	141	132	142	0	0.00	.11	0	0.00	.26
20200201	781	78,333	174,546	1017	905	1,200	0	0.00	1.19	12	0.00	1,589.29
20200202	4,173	531,395	289,232	1018	746	1,427	0	0.00	.74	4	0.00	312.00
20200203	212	6,291	10,272	1014	746	1,050	0	0.00	0.00	0	.04	3.10

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix G
Table G-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
20200204	4	2,811	10,888	1054	1,000	1,200	0	0.00	.00	1	0.00	3.39
20200301	14	110	2,200	130	128	130	0	0.00	0.00	0	0.00	.93
20200401	120	2,009	7,748	136	136	136	0	0.00	.25	3	3.45	3.45
20200501	671	1,299	2,425	145	145	145	3,952	3,200.00	4,703.45	5,021	4,068.97	5,972.41
20200901	421	183	656	143	140	145	0	.09	.50	2	1.79	3.16
20200902	0	22	1,801	570	90	1,050	0	0.00	0.00	1	0.00	2.94
20201001	0	140	3	141	137	142	0	0.00	0.00	0	0.00	0.00
20201002	0	0	24,761	142	142	142	0	0.00	0.00	3	0.00	7.04
20300101	1,692	3,455	12	995	140	1,100	0	0.00	0.00	0	0.00	0.00
20300102	0	0	9,189	959	600	1,050	0	0.00	.38	5	0.00	98.67
20300201	26	12,277	816	130	130	130	0	0.00	0.00	1	.39	.63
20300202	0	217	1,018	130	130	130	0	0.00	0.00	0	0.00	0.00
20300301	182	1,576	866	500	500	500	0	0.00	0.00	1	0.00	1.73
20301001	0	183	22,402	127	126	140	0	0.00	.15	1	0.00	0.00
20400101	203	1,931	295	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
20400201	1	13	90	140	140	140	0	0.00	0.00	0	0.00	.73
20400301	22	1,365	20,493	135	132	137	0	0.00	.43	3	1.37	3.43
20400302	0	3	6,897	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
20400401	54	1,041	25	565	565	565	0	0.00	0.00	0	0.00	.03
20400402	107	1,248	357,440	581	12	1,173	0	0.00	0.00	0	0.00	0.00
28888801	0	0	98,179	900	900	900	0	0.00	0.00	0	0.00	0.00
28888802	215	1,389	1,013,232	1009	1,000	1,050	0	0.00	0.00	0	0.00	0.00
28888803	0	83	268,613	719	1,000	1,000	0	0.00	8.75	0	0.00	0.00
30100503	1,075	121	96,020	1000	1,000	1,000	71	0.00	0.00	0	0.00	0.00
30100504	3,959	2,536	1,304	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
30100601	4,012	1,013	158,485	719	313	1,300	0	0.00	0.00	0	0.00	0.00
30100603	0	59	271,832	1009	1,000	1,050	1	0.00	0.00	0	0.00	0.00
30100604	18	0	11,190	1000	1,000	1,000	0	0.00	54.79	0	0.00	.14
30100605	0	40	7	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
30100699	613	6,168	2,827,589	719	313	1,300	0	0.00	0.00	0	0.00	0.00
30190003	1,908	101	35,332,171	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
30190004	0	0	27,181,479	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
30190012	657	507	0	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.00
30190013	2,016	0	0	719	313	1,300	0	0.00	0.00	0	0.00	0.00
30190014	0	0	0	719	313	1,300	0	0.00	0.00	0	0.00	0.00
30190099	39,615	3,646	2,827,589	719	313	1,300	0	0.00	0.00	0	0.00	0.00
30300302	7,303	2,343	35,332,171	719	313	1,300	0	0.00	0.00	0	0.00	0.00
30300303	13,493	1,260	27,181,479	719	313	1,300	0	0.00	0.00	0	0.00	0.00

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix 6
Table 6-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
30300304	3,304	1,925	25,166,425	24	24	24	0	0.00	0.00	0	0.00	0.00
30300305	0	0	4,255,501				0	0.00	0.00	0	0.00	0.00
30300306	40,815	4,627	20,155,913	550	550	550	0	0.00	0.00	0	0.00	0.00
30300307	0	0	12,543,250				0	0.00	0.00	0	0.00	0.00
30300308	326	154	21,489,908	500	500	500	0	0.00	0.00	0	0.00	0.00
30300309	0	0	1,400,000				0	0.00	0.00	0	0.00	0.00
30300310	0	0					0	0.00	0.00	0	0.00	0.00
30300312	41	0	9,427,367				0	0.00	0.00	0	0.00	0.00
30300313	3,243	543	9,732,869				0	0.00	0.00	0	0.00	0.00
30300314	115	94	7,764,158				0	0.00	0.00	0	0.00	0.00
30300315	2,142	317	7,757,611				0	0.00	0.00	0	0.00	0.00
30300316	175	34	1,134,061				0	0.00	0.00	0	0.00	0.00
30300399	2,062	431	4,941,098	24	24	24	0	0.00	0.00	0	0.00	0.00
30300401	1,599	541	405,008	1060	1,060	1,060	0	0.00	0.02	0	0.00	0.05
30302312	870	1,385	31,949,327				0	0.00	0.01	0	0.00	0.00
30302313	15	2	246,622				0	0.00	0.00	0	0.00	0.00
30302314	671	86	12,694,889				0	0.00	0.00	0	0.00	0.00
30390003	1,370	265	3,470	1049	1,008	1,060	0	0.00	0.00	0	0.00	0.00
30390023	0	38	3,189	1020	1,020	1,020	0	0.00	0.00	0	0.00	0.20
30390024	615	48	2,423	550	550	550	1	0.00	0.00	0	0.11	0.11
30490001	8	3	220	140	140	140	1	0.00	0.00	0	0.07	0.07
30490003	24	4,162	1,180,825	1105	1,000	1,118	0	0.00	0.00	0	0.00	0.14
30500206	1	66	601,175	1000	1,000	1,000	0	0.00	0.00	0	0.00	0.21
30500207	19	26	500	145	145	145	0	0.00	0.00	0	0.00	0.28
30500208	45	19	1,249	140	140	140	0	0.00	0.00	0	0.00	0.22
30500311	0	55	708,607	541	16	1,000	0	0.00	0.00	0	0.00	0.01
30500312	28	36	46,440				0	0.00	0.00	0	0.00	0.03
30500313	1,299	268	429,670	169	26	1,020	0	0.00	0.00	0	0.00	0.00
30500314	300	55	75,513				0	0.00	0.00	0	0.00	0.00
30500316	288	55	116,723				0	0.00	0.00	0	0.00	0.00
30500402	32	2	21,500				0	0.00	0.00	0	0.00	0.00
30590001	0	0	8	136	136	136	0	0.00	0.00	0	0.00	0.00
30590002	134	25	938	157	157	157	2	1.82	1.83	0	0.34	0.34
30590003	0	28	391	1000	1,000	1,000	0	0.00	0.00	0	0.14	0.14
30600101	4,762	2,030	62,040	2250	129	6,300	78	0.00	819.56	19	0.00	284.74
30600102	3,360	10,703	115,682,069	889	1	1,174	0	0.00	4.44	0	0.00	0.25
30600103	75,171	27,210	11,446,935	188	50	6,300	3	0.00	301.65	1	0.00	153.19
30600104	57,822	97,451	37,894,356	984	1	2,350	6	0.00	395.83	12	0.00	550.00

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix G
Table G-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Heat Content Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
30600105	548	2,210	311,201	1000	500	1,100	0	0.00	.45	0	0.00	.42
30600106	13,731	14,831	154,270	1097	539	1,350	0	0.00	5.56	0	0.00	.68
30600107	60	679	74,915	98	96	100	0	0.00	0.00	17	.26	33.33
30600199	7,558	63	7,928,012				0	0.00	0.00	0	0.00	0.00
30600902	22	0	217,636				0	0.00	0.00	0	0.00	0.00
30600903	2,456	77	164	1000	1,000	1,000	5	0.00	21.50	4	0.00	15.50
30600904	17,798	778	381,958	1204	950	1,541	26	0.00	183.00	1	0.00	18.80
30601401	12,561	1,082	5,101,117	46	29	80	0	0.00	.70	0	0.00	.06
30609902	8,927	16										
30609903	16,183	64	348	1062	1,000	1,187	26	1.68	39.03	0	0.00	.55
30609904	4,208	72	2,622	975	576	1,350	304	0.00	1,477.78	0	0.00	1.48
30790003	39	213	1,112	1000	1,000	1,000	0	0.00	.15	0	.20	.55
30790013	13	16										
31000404	441	2,607	12,043	1006	650	1,200	0	0.00	1.72	0	0.00	1.98
31000405	359	58	643	650	650	650	1	0.00	1.78	0	.04	.18
31000413	259	171	2,843	139	139	139	1	1.31	1.31	1	.87	.87
31000414	17	849	2,791	1041	945	1,300	0	0.00	.02	0	0.00	.18
31000415	0	87					0	0.00	0.00	0	0.00	0.00
39000189	99	0	7,969	25	25	25	0	0.00	.99	0	0.00	0.00
39000199	78	0	113,819	25	23	27	0	0.00	.34	0	0.00	0.00
39000201	77,858	392	6,312,886	24	6	29	1	0.00	5.21	0	0.00	.39
39000203	6,384	0	1,374,546	251	16	12,000	0	0.00	2.55	0	0.00	0.00
39000289	6,826	4,291	396,524	61	17	1,000	1	0.00	3.73	1	0.00	1.79
39000299	10,925	5,075	9,484,978	91	16	12,400	0	0.00	2.18	0	0.00	1.20
39000389	72	69	10,379	16	15	16	0	0.00	.92	0	0.00	.89
39000402	3,572	10	80,048	147	130	150	1	0.00	9.35	0	0.00	.47
39000403	735	96	50,441	149	144	152	0	0.00	1.90	0	0.00	.37
39000489	19,455	4,935	58,631	149	38	160	116	0.00	2,480.00	68	0.00	4,480.00
39000499	1,644	511	265,233	161	135	3,150	35	0.00	4,013.51	15	0.00	1,702.70
39000501	59	12	832	139	120	150	0	0.00	1.42	0	0.00	.38
39000502	2,403	319	74,438	139	130	150	35	0.00	832.12	0	0.00	0.00
39000503	12	0	2,270	141	135	150	0	0.00	.43	0	0.00	0.00
39000589	1,622	825	55,439	139	130	150	14	0.00	739.13	1	0.00	30.77
39000599	1,826	1,400	218,813	139	130	155	15	0.00	5,338.13	7	0.00	2,359.71
39000602	0	1	306,450	1020	969	1,100	0	0.00	0.00	0	0.00	.09
39000603	0	32	13,731	1017	930	1,100	0	0.00	0.00	0	0.00	.48
39000605	0	53	4,800	1012	1,000	1,060	0	0.00	0.00	0	0.00	.20
39000689	12,687	23,531	273,333	1013	850	1,100	2	0.00	622.00	6	0.00	856.50

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix G
Table G-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
39000699	993	5,291	357,700	1092	4	20,000	0	0.00	31.93	0	0.00	16.18
39000701	6	236	421,014	185	74	860	0	0.00	.00	0	0.00	.05
39000702	4,331	1,380	193,971	537	460	590	0	0.00	1.33	0	0.00	.37
39000788	0	361	11,128	745	360	1,150	0	0.00	0.00	0	0.00	.22
39000789	4,796	1,220	65,119	566	55	1,000	4	.00	32.94	0	0.00	1.11
39000797	699	540	563,960	359	31	1,140	0	0.00	1.67	0	0.00	.29
39000798	0	0	362,772	656	335	1,976	0	0.00	0.00	0	0.00	0.00
39000799	122	415	69,813	623	53	1,000	0	0.00	3.54	0	0.00	1.46
39000801	0	0	10,976	27	26	28	0	0.00	0.00	0	0.00	0.00
39000889	9,567	3,185	337,106	26	15	30	5	0.00	68.31	0	0.00	2.20
39000899	89	55	2,414,424	251	13	13,000	0	0.00	.88	0	0.00	.54
39000989	2	137	91,944	15	9	17	0	0.00	.01	0	0.00	.21
39001089	1	21	190,736	13	7	17	0	0.00	0.00	0	0.00	0.00
39001099	4	56	9,651	107	90	1,000	0	0.00	0.00	1	0.00	21.98
39001299	0	0	81,165	113	85	900	0	0.00	0.00	0	0.00	0.00
39001389	26	33	3,192,321	15	10	30	0	0.00	0.00	0	0.00	0.00
39001399	140	0	35,243	119	42	150	0	0.00	.54	0	0.00	0.00
39990003	3	291	224,286	112	6	160	0	0.00	0.00	0	0.00	.17
39990013	37	93	2,343	1015	1,000	1,050	0	0.00	.00	0	0.00	.01
39990024	412	275	375	1000	1,000	1,000	0	0.00	0.00	0	0.00	1.11
40201001	24	5,742	87,321	1023	850	1,080	0	0.00	.00	0	0.00	.06
50100506	110	573	194,554	17	17	17	0	.01	.01	0	.06	0.00
50100508	2	173	37,500	138	138	140	0	0.00	0.00	0	0.00	0.00
50100510	3	0	182	1030	1,030	1,030	0	0.00	0.00	0	0.00	0.00
50190005	0	0	38	91	91	91	0	0.00	0.00	0	0.00	0.00
50190006	0	0	75	317	250	350	0	0.00	0.00	0	.07	.08
50200201	105	126	11,049	138	135	140	0	0.00	0.00	0	0.00	0.00
50200601	0	0	8	1003	1,000	1,030	0	0.00	0.00	0	0.00	0.00
50290005	0	0	142	17	4	32	0	0.00	3.04	0	0.00	2.40
50290006	1,978	1,316	237,464	23	13	32	0	0.00	.19	0	0.00	.39
50300101	6,047	1,714	110,874	16	13	22	0	0.00	.13	0	0.00	.76
50300102	833	538	114,461	14	8	18	0	0.00	0.00	0	.06	.15
50300103	0	13	5,270	14	8	18	0	0.00	.06	0	0.00	0.00
50300104	14	151	239,620	14	8	18	0	0.00	.06	0	.06	.15
50300105	2	48	12,518	14	8	18	0	0.00	.06	0	0.00	0.00
50300106	2	48	12,518	14	8	18	0	0.00	.06	0	0.00	0.00

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

Appendix G
Table G-2
Fuel Heat Content Data

SCC	Total SO ₂ Emiss	Total NO _x Emiss	Activity	Avg	Heat Content Min	Max	Avg SO ₂ Emiss	Min SO ₂ Emiss	Max SO ₂ Emiss	Avg NO _x Emiss	Min NO _x Emiss	Max NO _x Emiss
50300202	1	89	2,890	27	3	75	0	0.00	0.00	0	0.00	0.00
50300506	473	326	116,832				0	0.00	.33	0	0.00	1.66
50300601	155	80	5,782									
50390005	8	0	1,809	140	138	150	0	0.00	0.00	0	0.00	0.00
50390006	727	463	3,656	1010	981	1,080	0	0.00	0.00	0	0.00	0.00
TOTAL	18,659,263	8,768,793		597	1	91,000	8	0.00	25,372.26	7	0.00	24,000.00

Total emissions in tons/year.
Activity rate in appropriate SCC units.
Heat Content in 10⁶ BTU.
Avg. Min. and Max SO₂ and NO_x emissions in lbs/10⁶ BTU.

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