

Appendix A

2002

**Point, Area, On-Road Mobile and Off-Road Mobile
Emissions Inventory**

(Missouri Counties)

2002 NEI Data

The 2002 Emissions Inventory used to develop this document was generated from EPA's 2002 National Emissions Inventory (2002 NEI) data. This information is publicly available on EPA's website: <http://www.epa.gov/ttn/chief/net/2002inventory.html>. The point source ammonia (NH₃) emissions inventory was pulled from the 2005 NEI because point sources were not required to report ammonia emissions in 2002. The 2005 NEI is also publicly available on EPA's website: <http://www.epa.gov/ttn/chief/net/2005inventory.html>.

Tables A-1 through A-4 describe the 2002 annual emissions in tons per year for each county within the 1997 St. Louis PM_{2.5} nonattainment area for the point, area, on-road mobile, and off-road mobile source categories, respectively.

Table A-1
2002 Annual Point Source Emissions by County in the St. Louis PM_{2.5} Nonattainment Area (Missouri Counties Only)

County Name	NH ₃	NO _x	PM _{2.5} -Pri	SO ₂	VOC
Franklin County	151.95	7,851.84	1,005.61	47,612.62	816.06
Jefferson County	81.41	9,202.06	979.12	39,281.20	789.55
St. Charles County	102.36	14,691.27	1,377.53	46,644.89	1,455.40
St. Louis County	535.50	10,438.98	634.94	16,689.37	4,725.12
St. Louis City	444.53	2,014.31	610.03	6,771.23	3,851.73
Totals	1,315.75	44,198.44	4,607.24	156,999.31	11,637.86

Table A-2
2002 Annual Area Source Emissions by County in the St. Louis PM_{2.5} Nonattainment Area (Missouri Counties Only)

County Name	NH ₃	NO _x	PM _{2.5} -Pri	SO ₂	VOC
Franklin County	1,523.07	706.6	3,213.60	1,003.85	2,141.98
Jefferson County	184.13	662.15	5,024.16	789.34	4,629.17
St. Charles County	747.93	1,219.33	2,863.10	2,043.37	4,484.60
St. Louis County	1,452.35	5,340.02	3,120.76	9,957.84	23,601.38
St. Louis City	60.59	2,001.13	611.59	3,437.49	10,528.03
Totals	3,968.07	9,929.24	14,833.22	17,231.88	45,385.16

Table A-3
2002 Annual On-Road Mobile Source Emissions by County in the St. Louis PM_{2.5}
Nonattainment Area
(Missouri Counties Only)

County Name	NH ₃	NO _x	PM _{2.5} -Pri	SO ₂	VOC
Franklin County	143.30	3,991.40	77.85	108.51	2,145.69
Jefferson County	221.37	6,229.65	120.53	167.84	3,455.41
St. Charles County	306.04	8,869.06	167.11	232.31	5,049.09
St. Louis County	1,357.65	39,489.52	742.01	1,030.91	22,579.66
St. Louis City	354.94	10,319.70	194.18	269.49	6,023.21
Totals	2,383.29	68,899.33	1,301.68	1,809.06	39,253.06

Table A-4
2002 Annual Off-Road Mobile Source Emissions by County in the St. Louis PM_{2.5}
Nonattainment Area
(Missouri Counties Only)

County Name	NH ₃	NO _x	PM _{2.5} -Pri	SO ₂	VOC
Franklin County	0.58	2,223.75	116.15	168.33	987.67
Jefferson County	0.77	1,758.78	112.71	142.38	1,122.75
St. Charles County	1.88	3,399.91	250.51	292.34	2,659.31
St. Louis County	5.83	9,593.70	776	811.58	9,217.04
St. Louis City	0.79	10,461.01	331.29	660.68	1,521.14
Totals	9.84	27,437.16	1,586.67	2,075.32	15,507.90