

**Appendix A**

**2002**

**Point, Area, On-Road Mobile and Off-Road Mobile  
Ozone Season Day Emissions Inventory Summary**

On May 31, 2007, EPA approved Missouri's 2002 Base Year Inventory for the Missouri Portion of the 1997 St. Louis Ozone Nonattainment area. Some minor corrections have been made to this inventory since EPA approved it in 2007. The revised 2002 base year inventory was adopted by the Missouri Air Conservation Commission on May 31, 2007 and submitted to EPA on June 13, 2007. A summary table of the 2002 emissions inventory for the Missouri portion of the 1997 St. Louis ozone nonattainment area may be found below for point, area, on-road mobile, and off-road mobile source emissions.

**Table A-1 2002 Emissions Inventory Summary for the Missouri Portion of the Nonattainment Area (tons/ozone season day)**

| County Name        | Source Category         | CO             | NO <sub>x</sub> | VOC          |
|--------------------|-------------------------|----------------|-----------------|--------------|
| Franklin County    | Point Sources           | 6.6            | 24.3            | 2.7          |
| Jefferson County   |                         | 5.8            | 26.0            | 2.0          |
| St. Charles County |                         | 3.5            | 46.1            | 3.6          |
| St. Louis County   |                         | 7.5            | 25.4            | 13.3         |
| St. Louis City     |                         | 3.4            | 5.4             | 11.1         |
| <b>Totals</b>      |                         | <b>26.8</b>    | <b>127.2</b>    | <b>32.7</b>  |
| Franklin County    | Area Sources            | 6.4            | 1.7             | 3.9          |
| Jefferson County   |                         | 15.6           | 1.4             | 8.7          |
| St. Charles County |                         | 1.2            | 2.4             | 9.1          |
| St. Louis County   |                         | 5.3            | 9.9             | 36.2         |
| St. Louis City     |                         | 1.8            | 4.0             | 13.4         |
| <b>Totals</b>      |                         | <b>30.3</b>    | <b>19.4</b>     | <b>71.3</b>  |
| Franklin County    | On-Road Mobile Sources  | 70             | 13.0            | 4.8          |
| Jefferson County   |                         | 80.7           | 14.9            | 6.4          |
| St. Charles County |                         | 109.8          | 20.2            | 8.8          |
| St. Louis County   |                         | 468.2          | 86.2            | 37.4         |
| St. Louis City     |                         | 134            | 24.7            | 10.7         |
| <b>Totals</b>      |                         | <b>862.7</b>   | <b>159.0</b>    | <b>68.1</b>  |
| Franklin County    | Off-Road Mobile Sources | 22.8           | 4.8             | 2.7          |
| Jefferson County   |                         | 46.4           | 5.3             | 4.0          |
| St. Charles County |                         | 79.9           | 7.1             | 7.2          |
| St. Louis County   |                         | 426.5          | 31.5            | 27.5         |
| St. Louis City     |                         | 93             | 12.0            | 5.6          |
| <b>Totals</b>      |                         | <b>668.6</b>   | <b>60.7</b>     | <b>47.0</b>  |
| <b>Grand Total</b> |                         | <b>1,588.4</b> | <b>366.3</b>    | <b>219.1</b> |