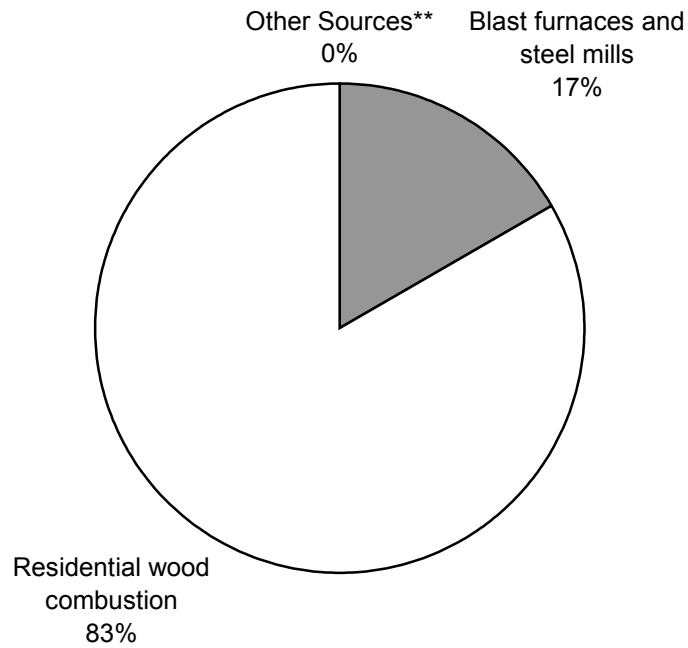


Figure 3-1:

**ACENAPHTHENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 40,954.26      | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 204,768.23     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 130.80         | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 245,853.29 lbs.**

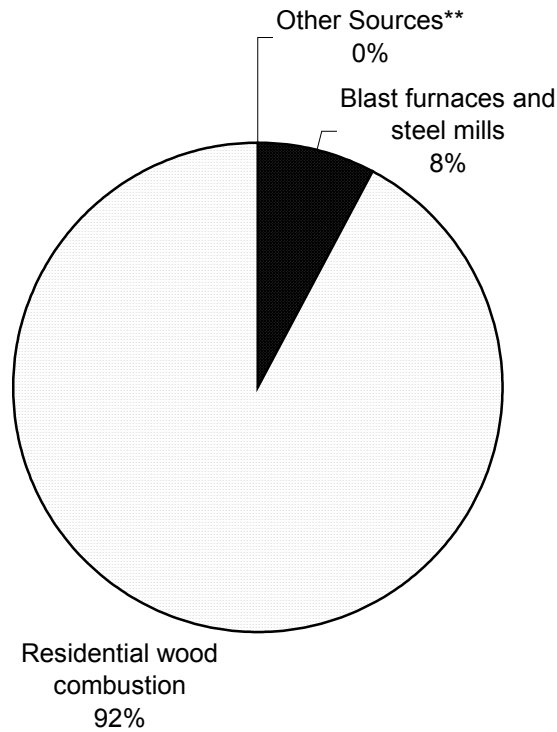
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-2:

**ACENAPHTHYLENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 202,537.59     | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 2,431,824.46   | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 461.18         | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 2,634,823.24 lbs.**

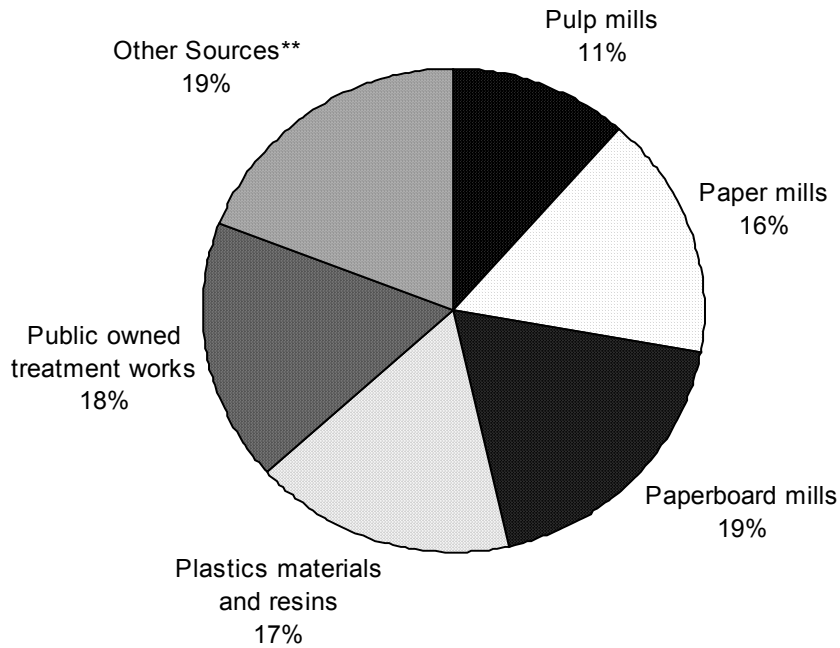
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-3:

**ACETALDEHYDE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                   | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2611  | Pulp mills                    | 216,620.35     |    |    | X  |    | X  | X  | X  |    | X  |
| 2621  | Paper mills                   | 315,350.10     | X  |    | X  | X  | X  |    |    | X  | X  |
| 2631  | Paperboard mills              | 358,254.24     | X  | X  |    |    |    | X  |    | X  | X  |
| 2821  | Plastics materials and resins | 323,387.26     | X  | X  |    |    | X  | X  |    |    |    |
| ----- | Public owned treatment works  | 340,310.28     | X  |    |    |    |    |    |    |    | X  |
| ----- | Other Sources**               | 366,251.99     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 1,920,174.23 lbs.**

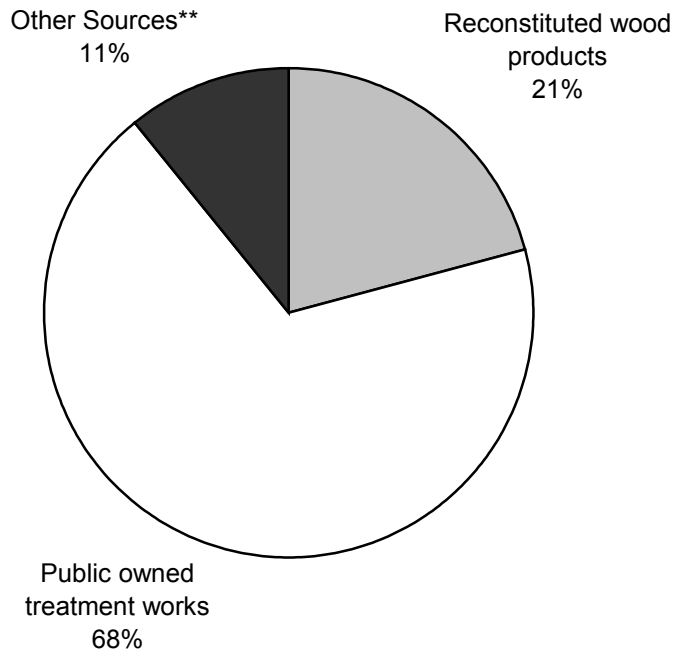
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-4:

**ACROLEIN**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                  | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2493  | Reconstituted wood products  | 97,692.07      | X  |    | X  | X  |    |    |    |    |    |
| ----- | Public owned treatment works | 318,987.36     | X  |    |    |    |    |    |    |    | X  |
| ----- | Other Sources**              | 50,486.39      | X  | X  | X  | X  | X  | X  |    | X  | X  |

**Total Estimated Emissions: 467,165.83 lbs.**

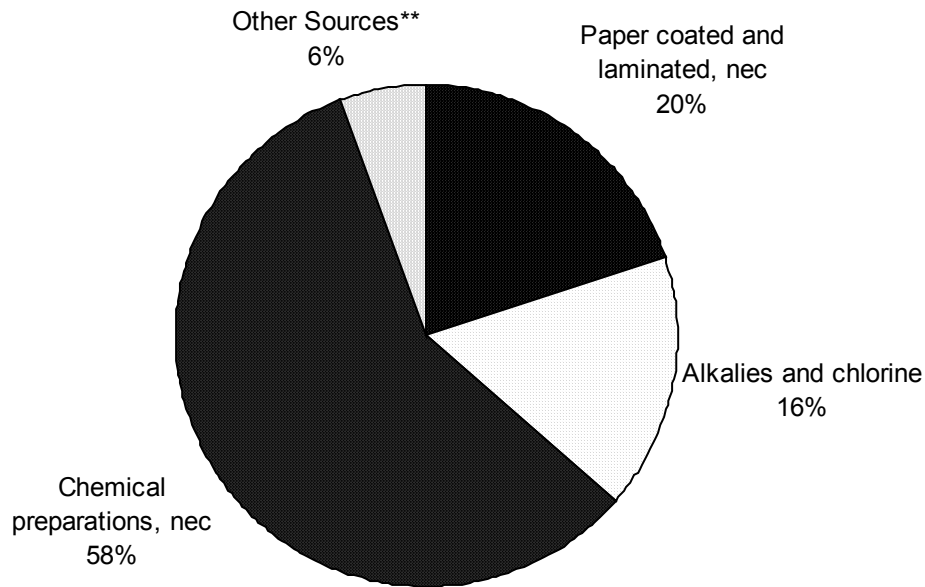
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-5:

**ACRYLAMIDE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                     | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|---------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2672  | Paper coated and laminated, nec | 255.00         |    |    |    |    |    |    |    |    | X  |
| 2812  | Alkalies and chlorine           | 209.44         |    |    |    |    |    |    | X  |    |    |
| 2899  | Chemical preparations, nec      | 744.98         | X  |    |    |    |    |    | X  |    |    |
| ----- | Other Sources**                 | 71.00          |    |    |    |    |    | X  |    |    | X  |

**Total Estimated Emissions: 1,280.42 lbs.**

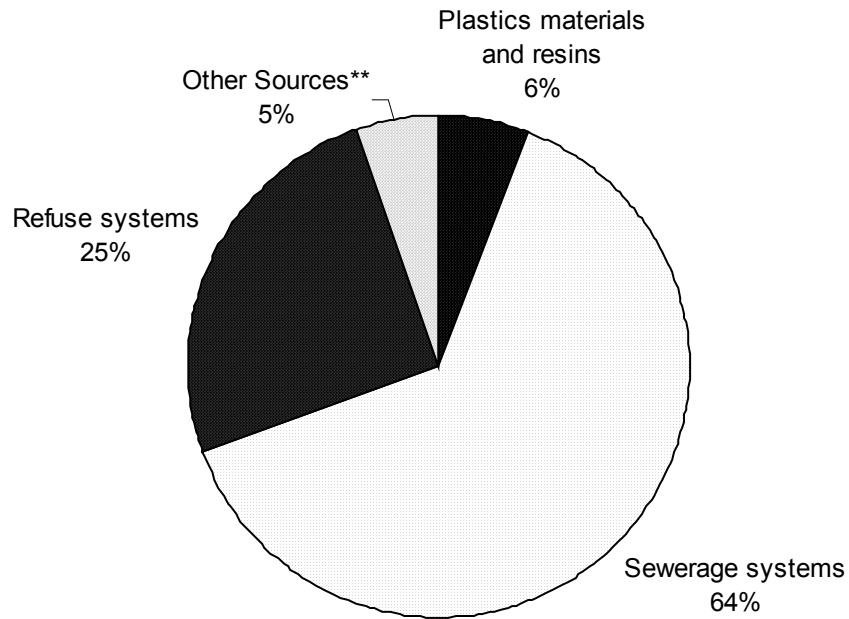
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-6:

**ACRYLONITRILE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                   | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2821  | Plastics materials and resins | 133,602.00     |    | X  |    |    | X  | X  |    |    |    |
| 4952  | Sewerage systems              | 1,494,271.10   |    |    | X  | X  | X  |    |    | X  |    |
| 4953  | Refuse systems                | 591,566.44     | X  | X  |    |    | X  |    |    | X  | X  |
| ----- | Other Sources**               | 123,266.03     | X  | X  | X  | X  | X  | X  | X  |    | X  |

**Total Estimated Emissions: 2,342,705.57 lbs.**

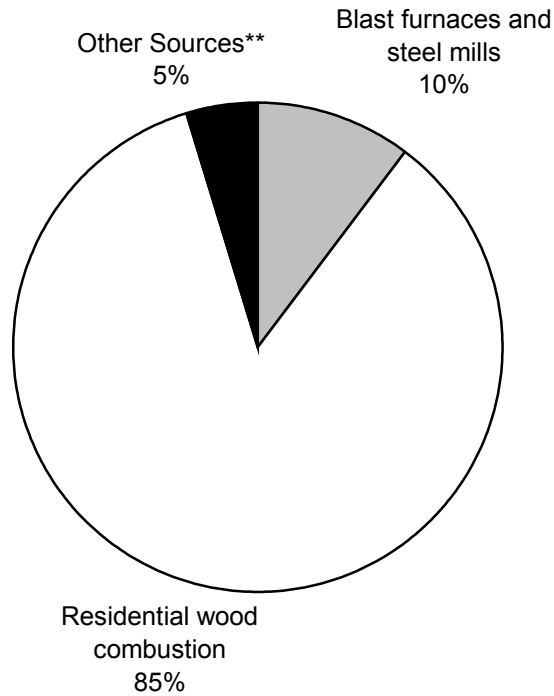
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-7:

**ANTHRACENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 32,227.88      | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 264,590.61     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 14,527.79      | X  | X  | X  | X  | X  | X  | X  |    |    |

**Total Estimated Emissions: 311,346.27 lbs.**

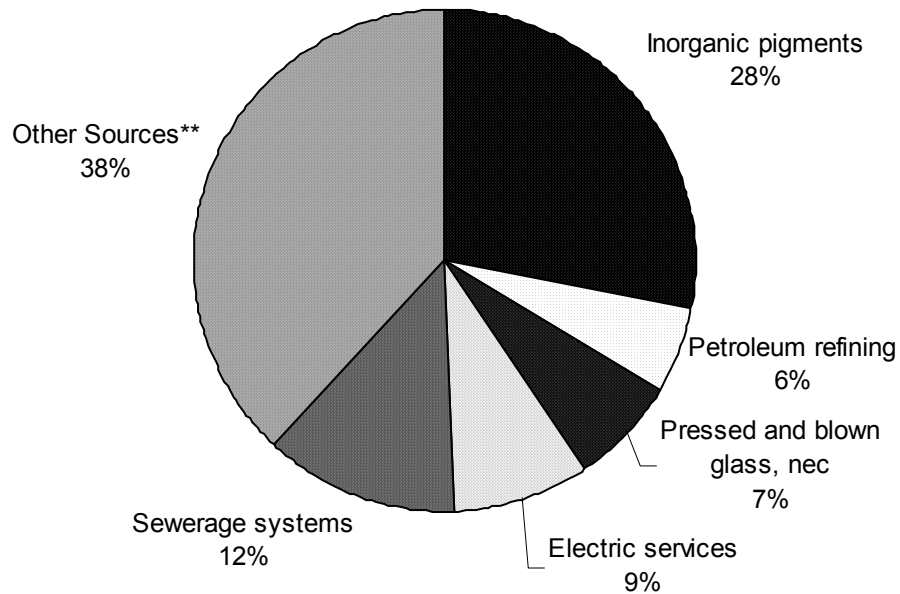
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-8:

**ANTIMONY**  
**1996 Estimated Emissions\* by Source Category for Point and Area Sources**



| SIC   | DESCRIPTION                  | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2816  | Inorganic pigments           | 16,718.00      |    |    |    |    |    | X  |    |    | X  |
| 2911  | Petroleum refining           | 3,301.73       | X  | X  |    | X  |    | X  |    |    |    |
| 3229  | Pressed and blown glass, nec | 4,132.00       |    |    |    |    |    | X  |    |    |    |
| 4911  | Electric services            | 5,375.04       | X  | X  | X  | X  | X  |    | X  | X  |    |
| 4952  | Sewerage systems             | 7,403.12       | X  |    | X  | X  | X  |    | X  |    |    |
| ----- | Other Sources**              | 22,671.31      | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 59,601.20 lbs.**

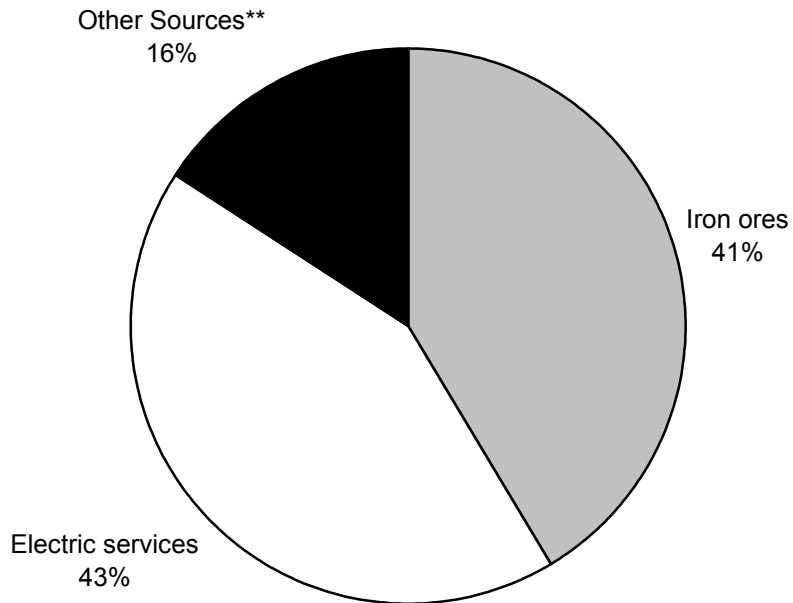
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-9:

**ARSENIC**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION       | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------|----------------|----|----|----|----|----|----|----|----|----|
| 1011  | Iron ores         | 68,367.33      |    |    | X  | X  |    |    | X  |    |    |
| 4911  | Electric services | 70,889.06      | X  | X  | X  | X  | X  |    | X  | X  | X  |
| ----- | Other Sources**   | 26,435.23      | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 165,691.63 lbs.**

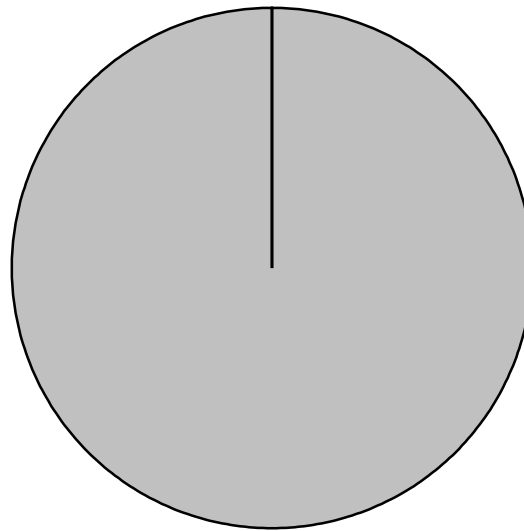
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-10:

**ATRAZINE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



Pesticide application  
100%

| SIC   | DESCRIPTION                        | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Agricultural pesticide application | 9,540,401.15   | X  | X  | X  | X  | X  | X  |    |    | X  |

**Total Estimated Emissions: 9,540,401.15 lbs.**

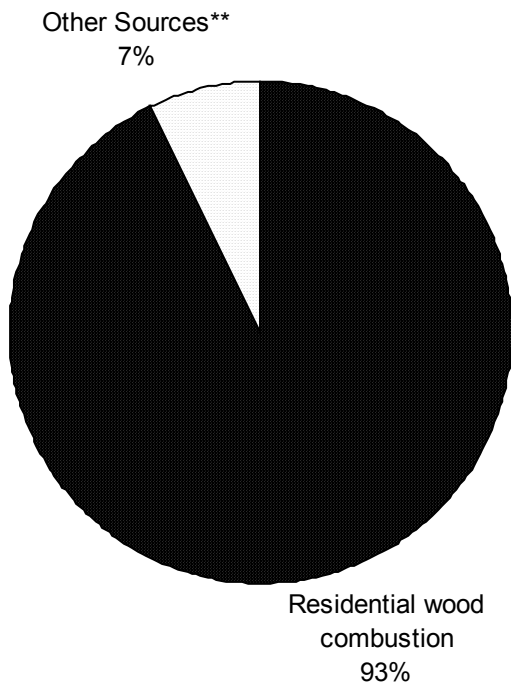
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-11:

**BENZ(A)ANTHRACENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Residential wood combustion | 661,215.70     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**             | 51,404.84      | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 712,620.53 lbs.**

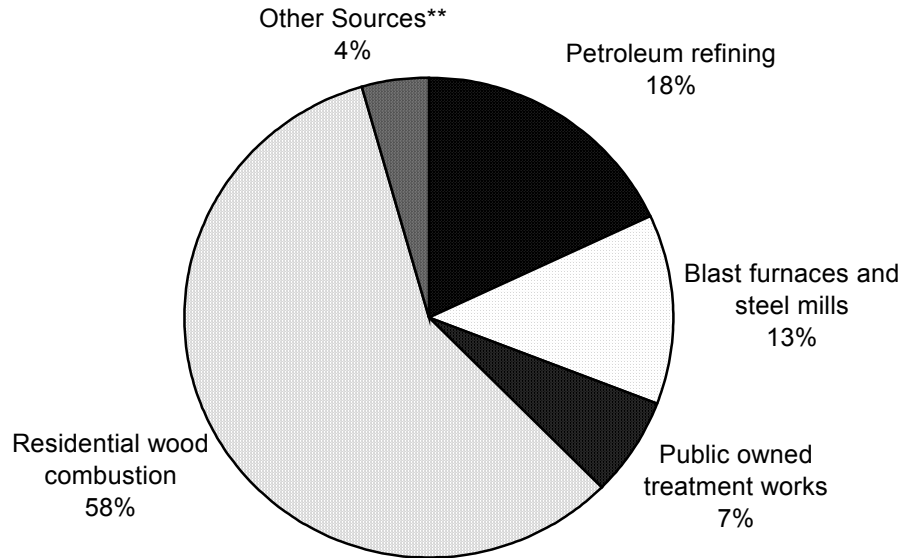
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-12:

**BENZO(A)PYRENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2911  | Petroleum refining             | 39,272.37      | X  | X  | X  | X  | X  |    | X  |    |    |
| 3312  | Blast furnaces and steel mills | 28,054.35      | X  | X  | X  |    |    |    | X  |    |    |
| ----- | Public owned treatment works   | 14,734.96      |    |    |    |    |    |    |    |    | X  |
| ----- | Residential wood combustion    | 126,625.57     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 9,412.26       | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 218,099.51 lbs.**

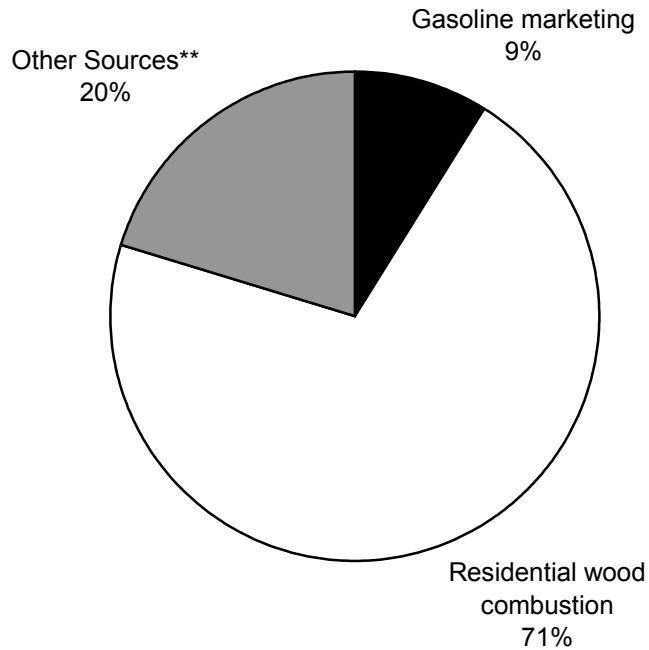
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-13:

**BENZENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Gasoline marketing          | 5,695,485.39   | X  | X  | X  | X  |    |    | X  | X  | X  |
| ----- | Residential wood combustion | 45,839,856.93  | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**             | 13,145,000.74  | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 64,680,343.05 lbs.**

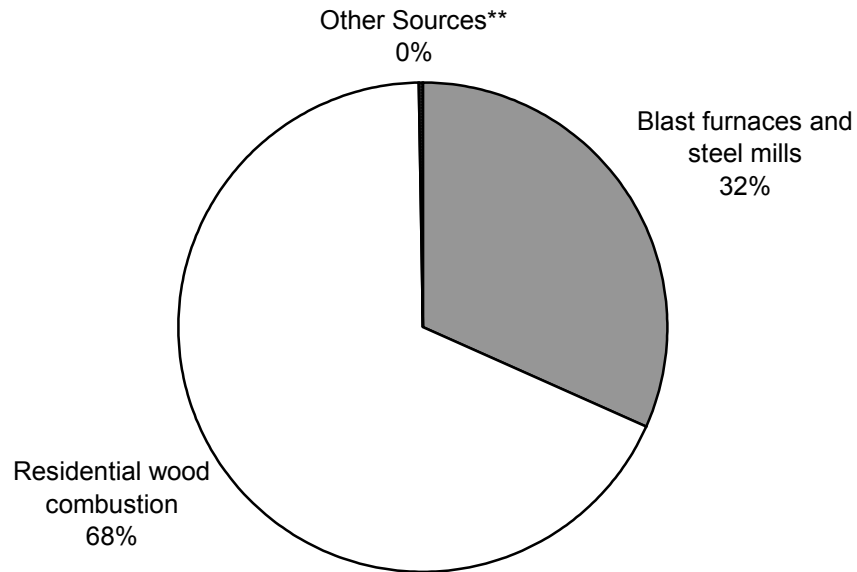
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-14:

**BENZO(B)FLUORANTHENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 59,321.22      |    |    |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 127,953.70     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 478.65         | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 187,753.57 lbs.**

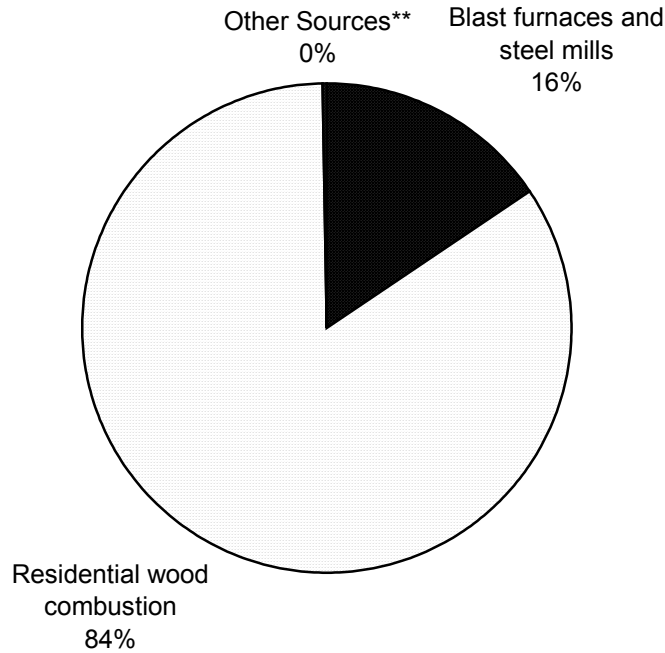
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-15:

**BENZO(GHI)PERYLENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 20,495.07      | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 111,024.52     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 299.61         | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 131,819.19 lbs.**

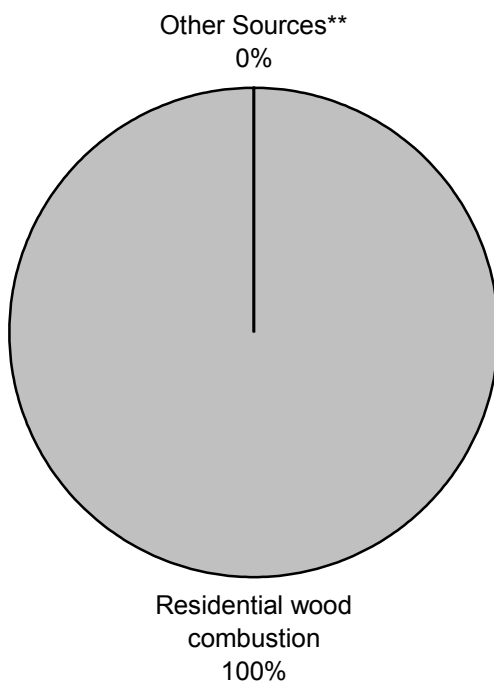
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-16:

**BENZO(K)FLUORANTHENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Residential wood combustion | 58,418.44      | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**             | 10.81          | X  | X  |    | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 58,429.24 lbs.**

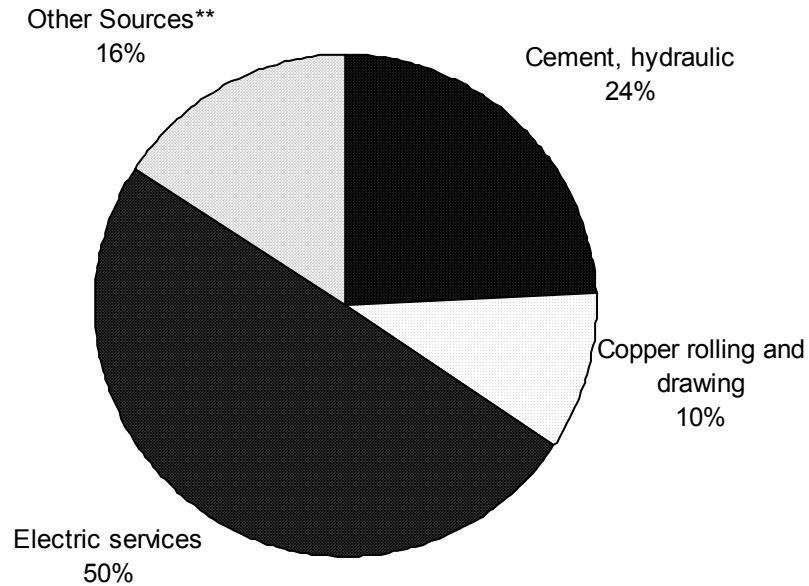
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-17:

**BERYLLIUM**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3241  | Cement, hydraulic          | 3,914.47       | X  | X  | X  |    | X  |    |    | X  |    |
| 3351  | Copper rolling and drawing | 1,653.02       | X  |    |    |    |    | X  |    |    |    |
| 4911  | Electric services          | 8,037.34       | X  | X  | X  | X  | X  |    | X  | X  | X  |
| ----- | Other Sources**            | 2,573.78       | X  | X  | X  | X  | X  |    | X  | X  | X  |

**Total Estimated Emissions: 16,178.61 lbs.**

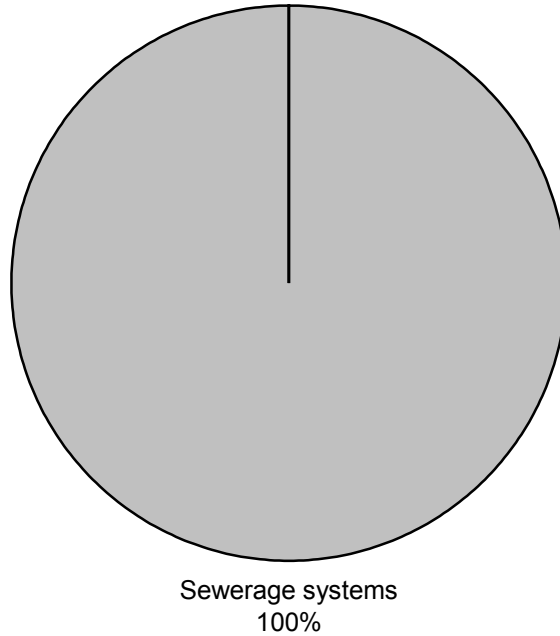
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-18:

**DICHLOROETHYL ETHER  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC  | DESCRIPTION      | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|------|------------------|----------------|----|----|----|----|----|----|----|----|----|
| 4952 | Sewerage systems | 923.15         |    |    |    |    |    |    |    |    | X  |

**Total Estimated Emissions: 923.15 lbs.**

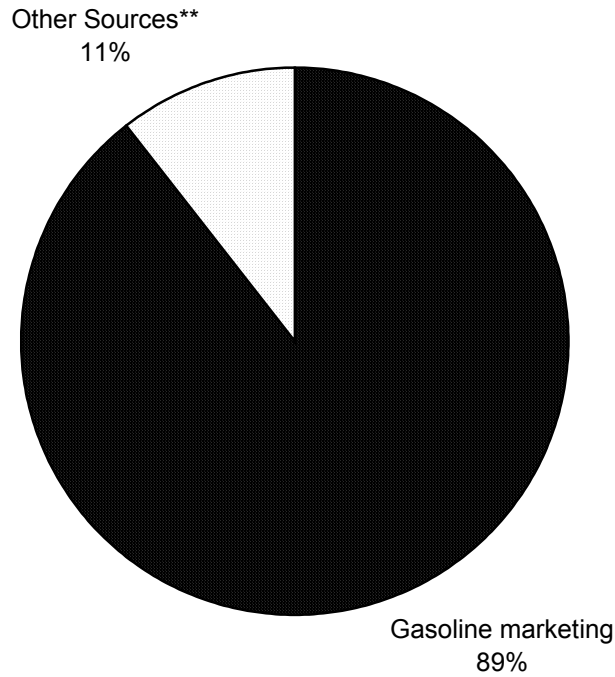
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-19:

**1,3-BUTADIENE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION        | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Gasoline marketing | 6,065,974.65   |    |    | X  | X  |    |    |    |    | X  |
| ----- | Other Sources**    | 713,067.54     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 6,779,042.19 lbs.**

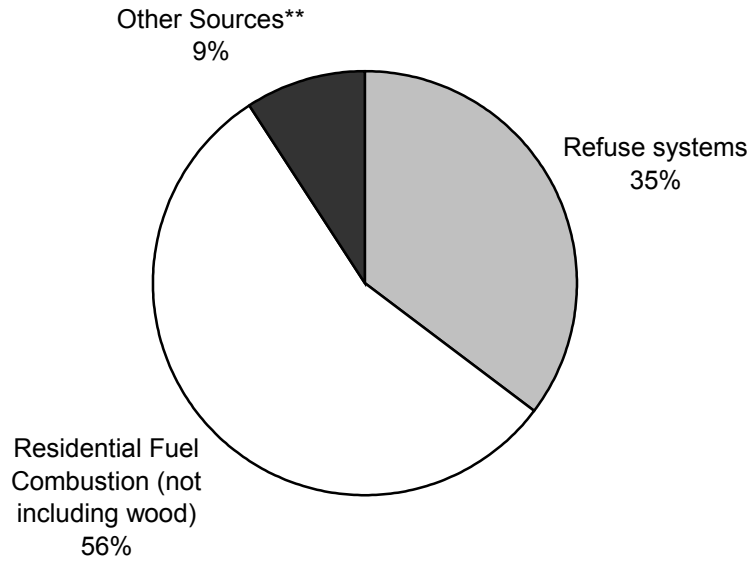
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-20:

**CADMIUM**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 4953  | Refuse systems              | 177,941.42     | X  | X  | X  | X  | X  |    |    | X  |    |
| ----- | Residential Fuel Combustion | 281,568.32     | X  | X  |    | X  |    |    | X  |    | X  |
| ----- | Other Sources**             | 46,286.33      | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 505,796.07 lbs.**

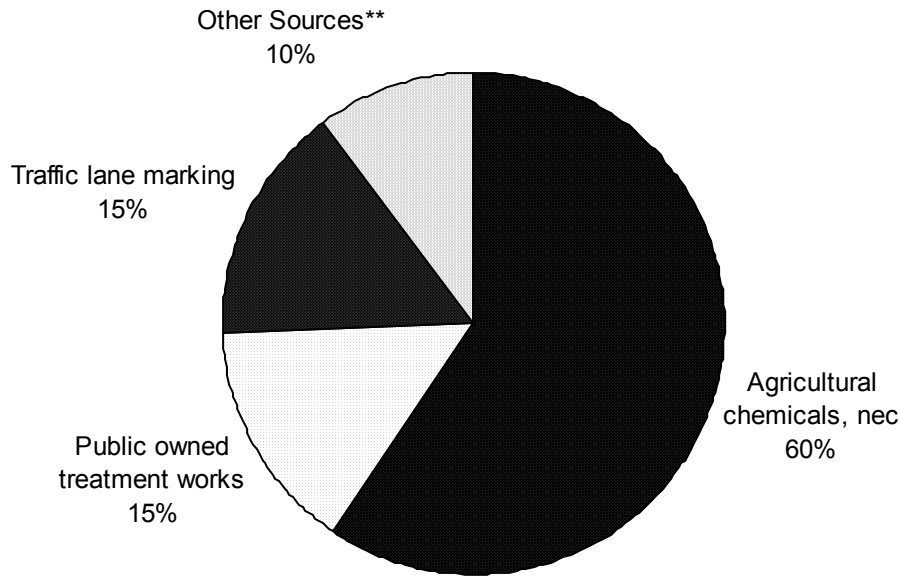
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-21:

**CARBON TETRACHLORIDE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                  | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2879  | Agricultural chemicals, nec  | 82,080.50      |    |    |    |    | X  | X  |    |    |    |
| ----- | Public owned treatment works | 20,779.61      | X  |    |    | X  |    |    | X  |    |    |
| ----- | Traffic markings             | 21,245.99      | X  | X  |    |    | X  | X  |    |    | X  |
| ----- | Other Sources**              | 14,105.95      | X  | X  | X  | X  | X  | X  | X  |    | X  |

**Total Estimated Emissions: 138,212.06 lbs.**

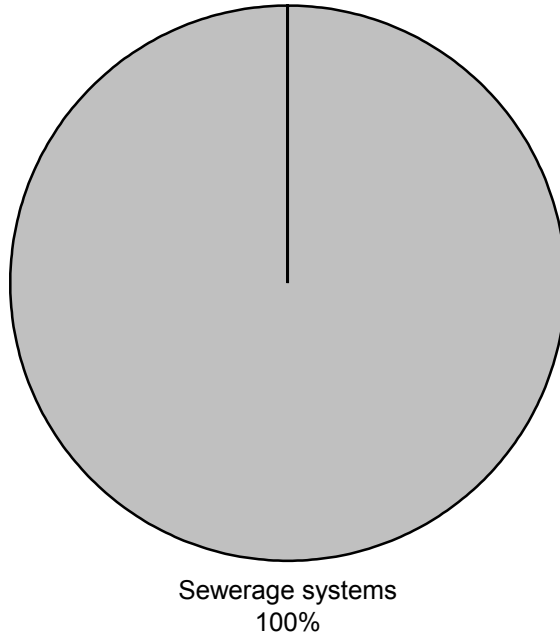
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-22:

**CHLORDANE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC  | DESCRIPTION      | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|------|------------------|----------------|----|----|----|----|----|----|----|----|----|
| 4952 | Sewerage systems | 0.94           |    |    |    |    |    |    | X  |    |    |

**Total Estimated Emissions: 0.94 lbs.**

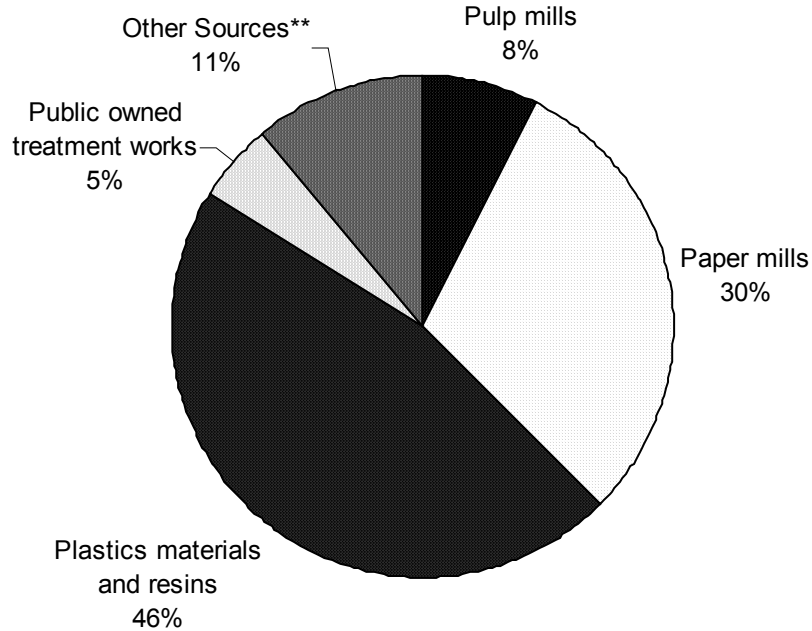
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-23:

**CHLOROFORM**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                   | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2611  | Pulp mills                    | 118,092.30     |    |    |    |    |    |    | X  | X  | X  |
| 2621  | Paper mills                   | 466,235.98     |    |    |    | X  | X  |    |    | X  | X  |
| 2821  | Plastics materials and resins | 724,189.82     |    | X  |    |    | X  |    |    | X  |    |
| ----- | Public owned treatment works  | 78,842.26      | X  |    |    | X  |    |    | X  |    |    |
| ----- | Other Sources**               | 174,484.41     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 1,561,844.76 lbs.**

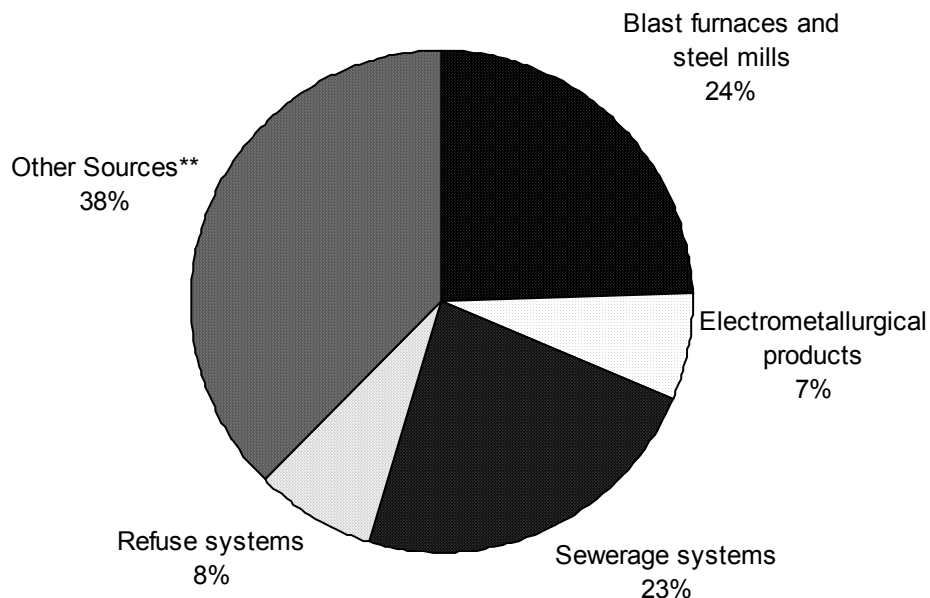
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-24:

**CHROMIUM**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 232,817.54     | X  | X  | X  | X  | X  | X  |    | X  | X  |
| 3313  | Electrometallurgical products  | 68,001.60      |    |    |    |    |    | X  | X  |    |    |
| 4952  | Sewerage systems               | 221,454.43     | X  |    | X  | X  | X  |    | X  | X  | X  |
| 4953  | Refuse systems                 | 75,332.00      | X  | X  | X  | X  | X  |    |    | X  |    |
| ----- | Other Sources**                | 358,335.41     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 955,940.96 lbs.**

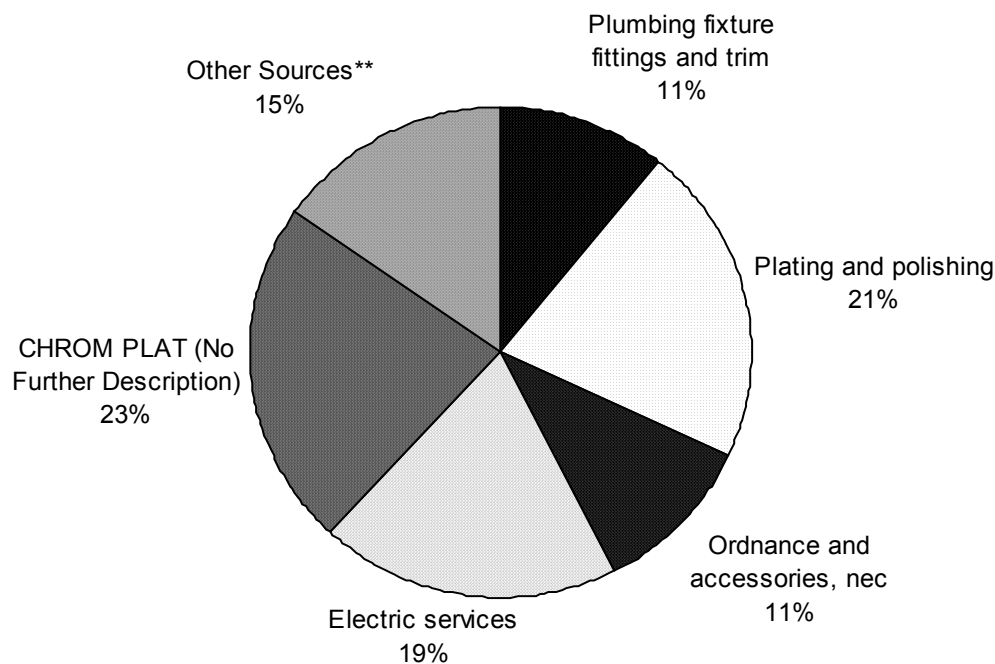
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-25:

### CHROMIUM VI 1996 Estimated Emissions\* by Source Category for Point and Area Sources



| SIC   | DESCRIPTION                        | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3432  | Plumbing fixture fittings and trim | 3,003.05       | X  |    |    |    |    |    |    |    |    |
| 3471  | Plating and polishing              | 5,889.73       | X  |    |    | X  |    |    |    |    | X  |
| 3489  | Ordnance and accessories, nec      | 2,960.47       | X  |    |    | X  |    |    |    |    |    |
| 4911  | Electric services                  | 5,364.15       | X  | X  | X  | X  | X  |    |    |    |    |
| ----- | Chromium electroplating            | 6,355.48       |    |    |    | X  | X  |    |    |    |    |
| ----- | Other Sources**                    | 4,232.27       | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 27,805.15 lbs.**

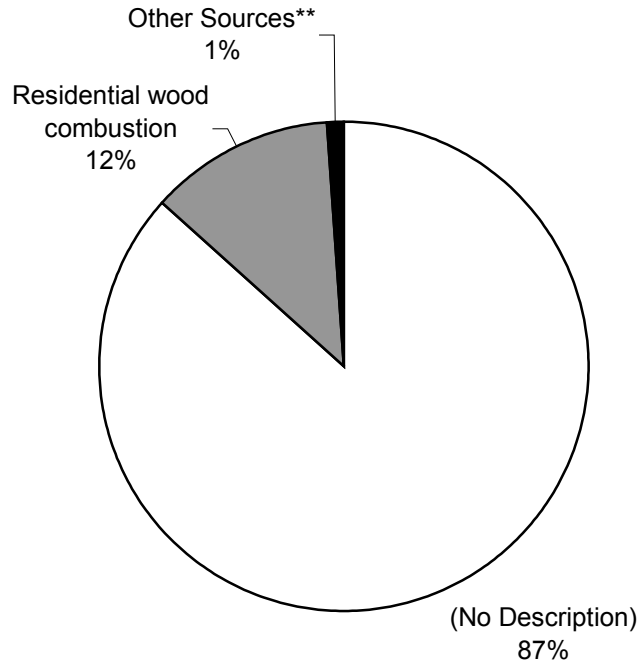
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-26:

**CHRYSENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                     | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|---------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 8299  | Schools and Educational Sevices | 2,165,301.60   |    |    |    |    |    |    |    | X  |    |
| ----- | Residential wood combustion     | 310,436.77     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                 | 25,352.42      | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 2,501,090.79 lbs.**

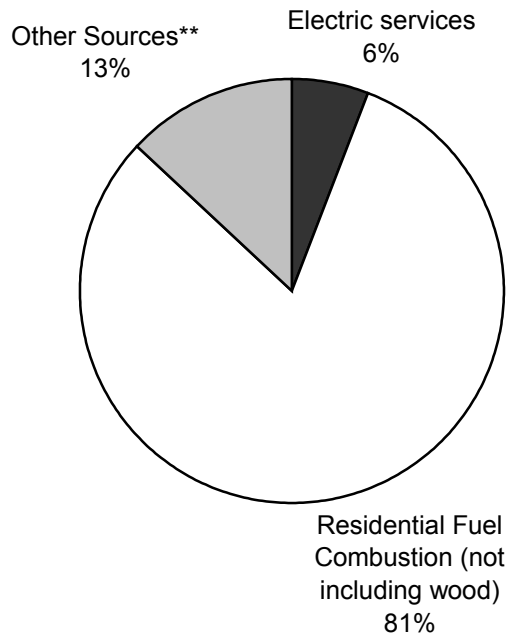
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-27:

**COBALT**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 4911  | Electric services           | 10,638.89      | X  | X  | X  | X  | X  |    | X  |    | X  |
| ----- | Residential Fuel Combustion | 146,249.71     |    | X  |    | X  |    |    | X  |    | X  |
| ----- | Other Sources**             | 23,726.68      | X  | X  | X  | X  | X  | X  | X  |    | X  |

**Total Estimated Emissions: 180,615.28 lbs.**

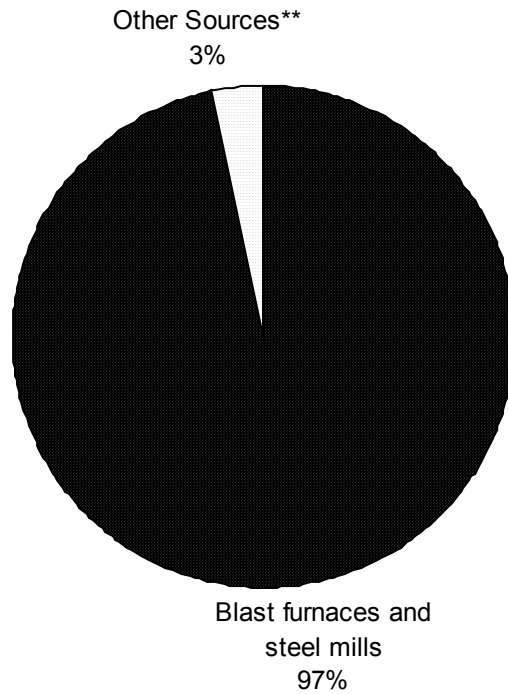
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-28:

**COKE OVEN GS**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 1,861,934.47   | X  | X  | X  |    |    |    |    |    |    |
| ----- | Other Sources**                | 64,896.00      |    | X  |    |    |    |    |    |    |    |

**Total Estimated Emissions: 1,926,830.47 lbs.**

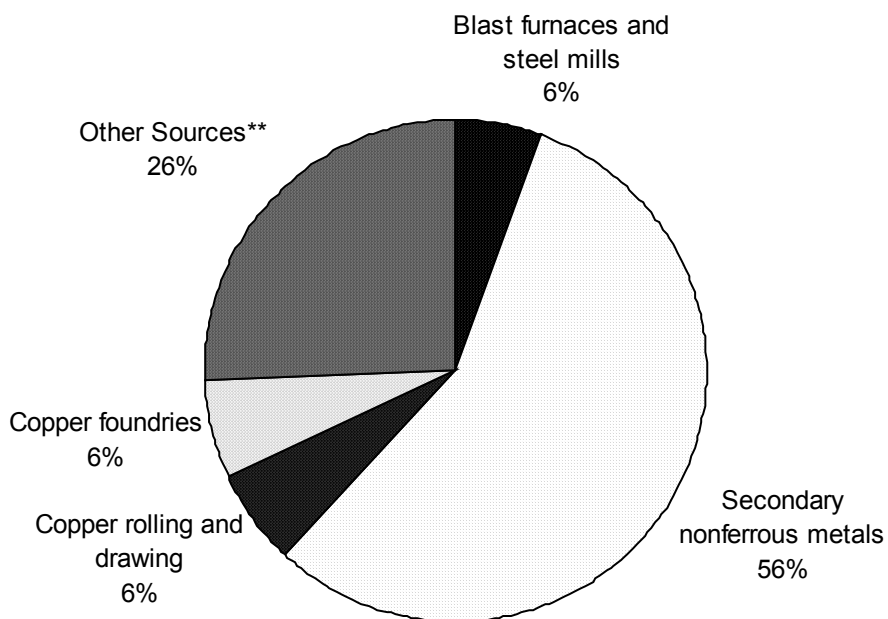
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-29:

**COPPER**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 46,277.35      | X  | X  | X  | X  | X  | X  | X  | X  | X  |
| 3341  | Secondary nonferrous metals    | 461,886.06     | X  | X  |    | X  | X  | X  |    | X  | X  |
| 3351  | Copper rolling and drawing     | 50,177.00      | X  | X  |    |    |    | X  |    | X  | X  |
| 3366  | Copper foundries               | 52,544.76      | X  | X  |    |    |    | X  |    |    | X  |
| ----- | Other Sources**                | 210,185.08     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 821,070.24 lbs.**

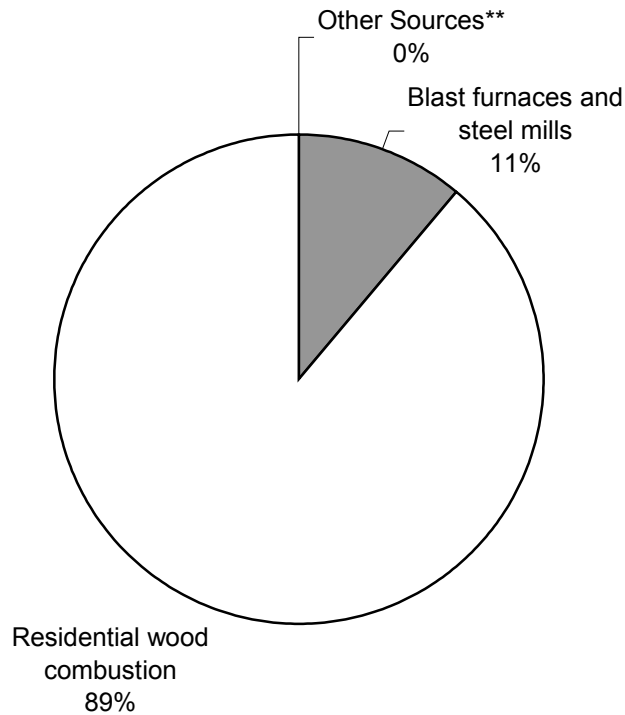
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-30:

**DIBENZ(A,H)ANTHRACENE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 8,169.44       | X  |    |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 65,348.56      | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 15.91          | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 73,533.90 lbs.**

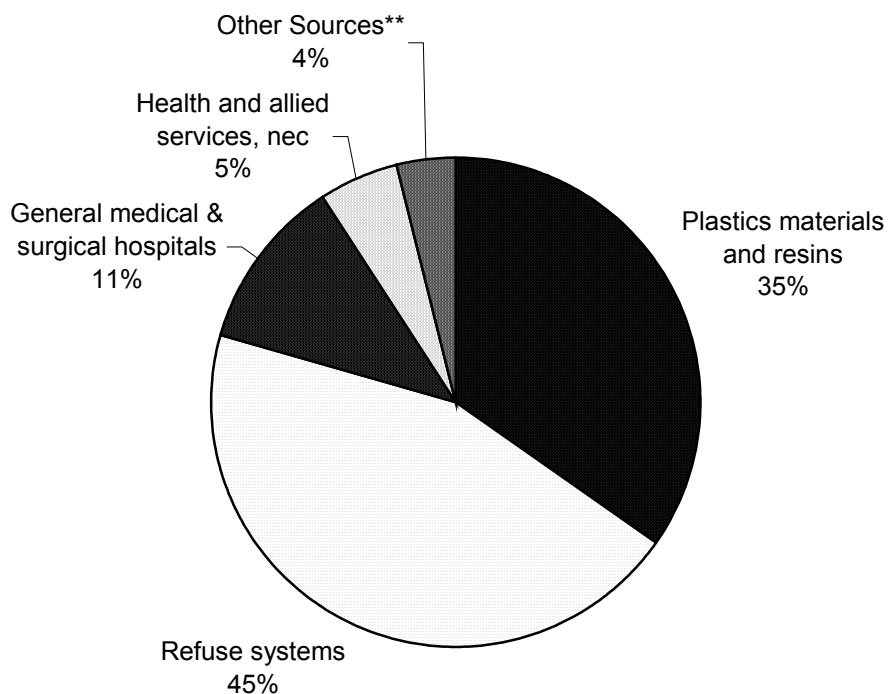
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-31:

### ETHYLENE DIBROMIDE 1996 Estimated Emissions\* by Source Category for Point and Area Sources



| SIC   | DESCRIPTION                          | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2821  | Plastics materials and resins        | 1,953,826.19   |    | X  |    |    |    |    |    | X  |    |
| 4953  | Refuse systems                       | 2,522,021.83   | X  | X  | X  |    |    |    |    | X  |    |
| 8062  | General medical & surgical hospitals | 637,635.45     | X  | X  |    | X  |    |    |    | X  |    |
| 8099  | Health and allied services, nec      | 301,258.45     | X  |    |    |    |    |    |    | X  |    |
| ----- | Other Sources**                      | 219,392.63     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 5,634,134.56 lbs.**

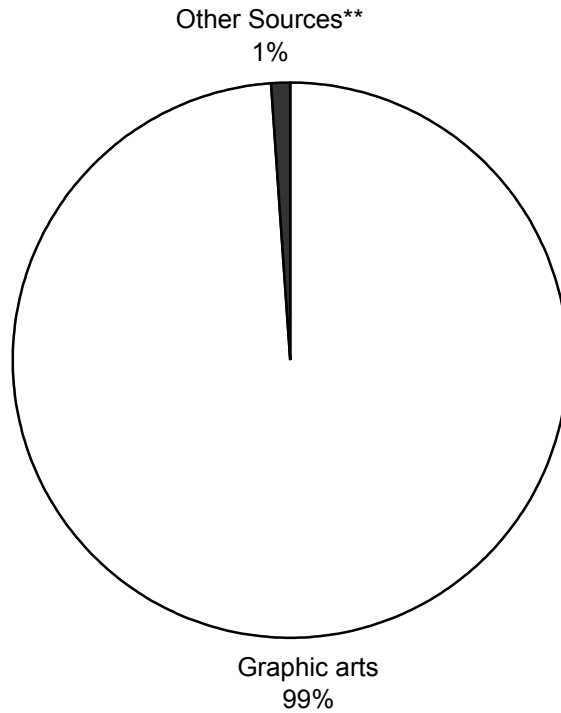
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-32:

**DI-N-BUTYL PHTHALATE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION     | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Graphic arts    | 5,310,077.84   |    | X  | X  |    | X  | X  | X  | X  | X  |
| ----- | Other Sources** | 52,643.27      | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 5,362,721.10 lbs.**

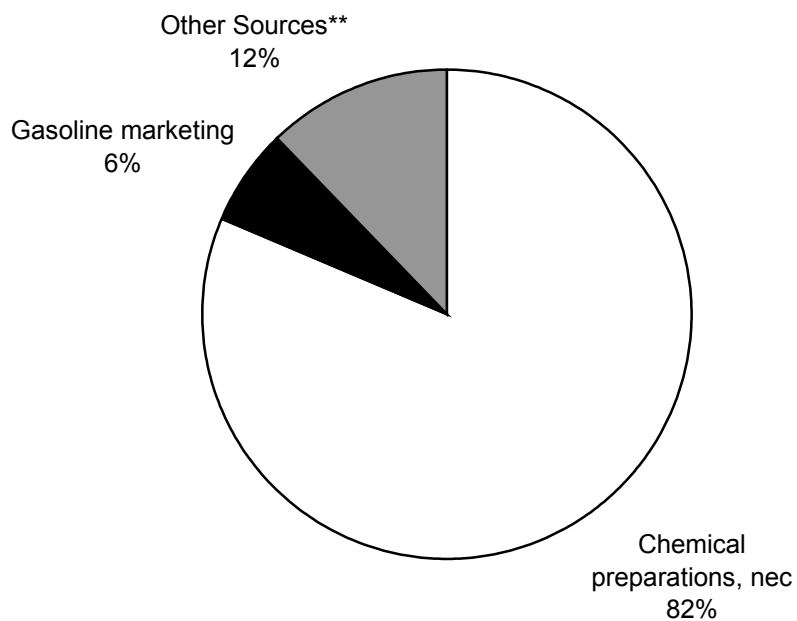
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-33:

**ETHYLENE DICHLORIDE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2899  | Chemical preparations, nec | 151,822.05     |    | X  |    |    |    |    | X  |    |    |
| ----- | Gasoline marketing         | 11,882.77      |    |    | X  | X  |    |    | X  |    | X  |
| ----- | Other Sources**            | 22,622.08      | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 186,326.90 lbs.**

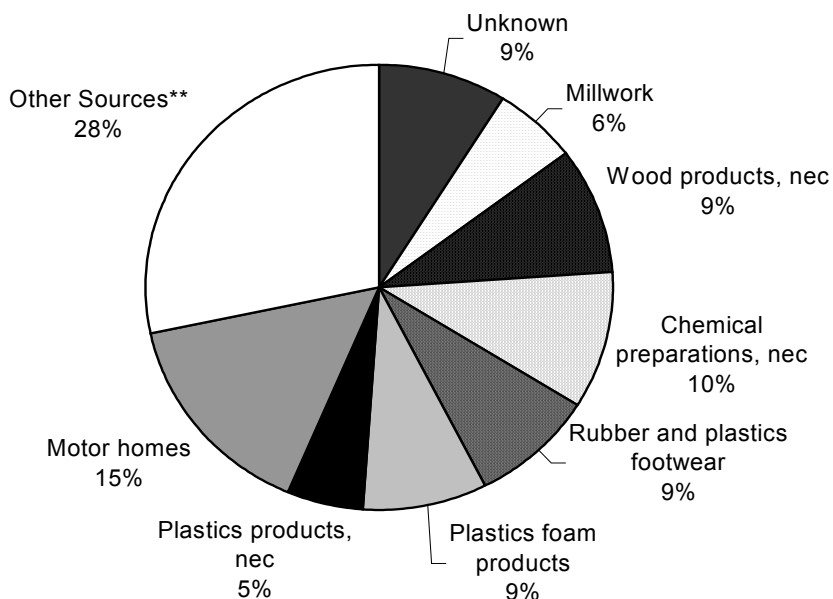
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-34:

**DIETHYLHEXYL PHTHALATE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                  | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 0     | Unknown                      | 3,954.21       | X  |    |    | X  | X  |    |    |    |    |
| 2431  | Millwork                     | 2,660.80       |    | X  |    | X  |    |    |    |    |    |
| 2499  | Wood products, nec           | 4,080.00       |    | X  |    |    | X  |    |    |    |    |
| 2899  | Chemical preparations, nec   | 4,409.20       |    |    |    |    |    |    | X  |    |    |
| 3021  | Rubber and plastics footwear | 3,863.00       |    |    |    |    | X  |    |    |    |    |
| 3086  | Plastics foam products       | 3,873.48       |    |    |    |    |    |    | X  |    |    |
| 3089  | Plastics products, nec       | 2,308.51       |    | X  |    | X  |    |    | X  |    | X  |
| 3716  | Motor homes                  | 6,878.00       |    | X  |    |    |    |    |    |    |    |
| ----- | Other Sources**              | 12,612.31      | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 44,639.50 lbs.**

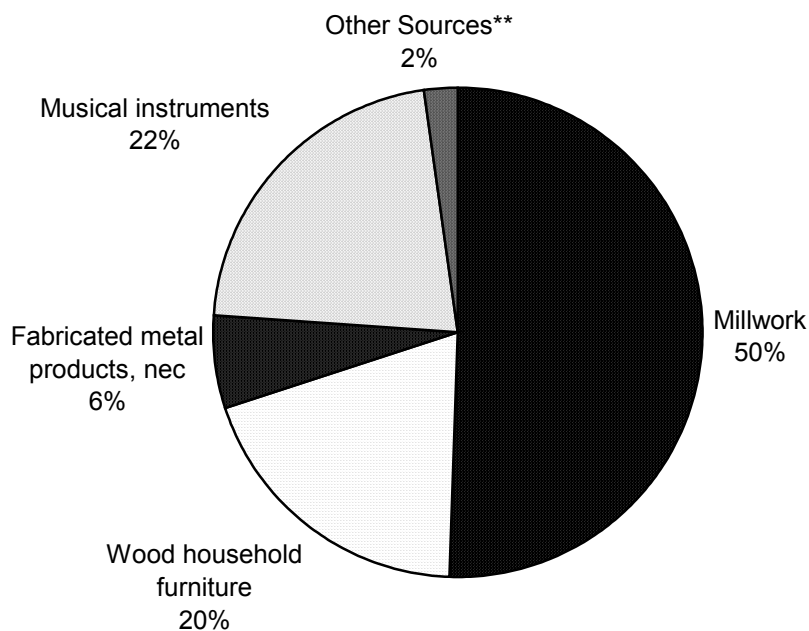
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-35:

**DI-N-OCTYL PHTHALATE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2431  | Millwork                       | 4,060.00       |    | X  |    |    |    |    |    |    |    |
| 2511  | Wood household furniture       | 1,582.00       |    |    |    |    | X  |    |    |    |    |
| 3499  | Fabricated metal products, nec | 480.00         |    | X  |    |    |    |    |    |    |    |
| 3931  | Musical instruments            | 1,740.00       |    | X  |    |    |    |    |    |    |    |
| ----- | Other Sources**                | 185.87         |    | X  | X  |    | X  |    |    |    |    |

**Total Estimated Emissions: 8,047.87 lbs.**

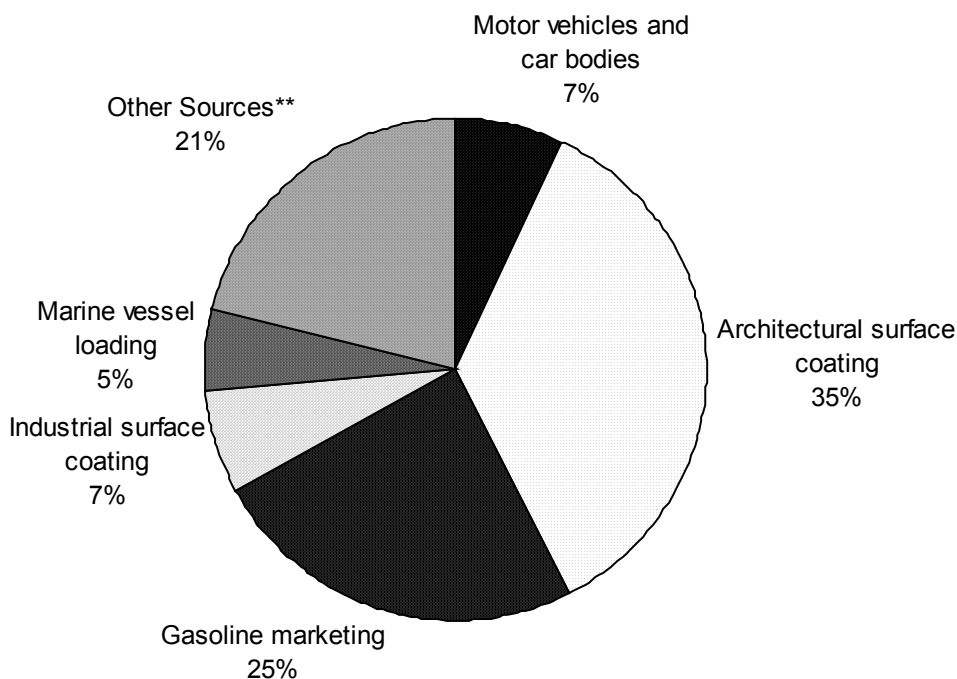
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-36:

**ETHYLBENZENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                                  | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--|----------------|----|----|----|----|----|----|----|----|----|
| 3711  | Motor vehicles and car bodies                | 1,372,366.31   | X  | X  | X  | X  | X  | X  | X  |    | X  |
| ----- | Architectural surface coatings               | 6,938,684.35   | X  | X  | X  | X  | X  | X  | X  | X  | X  |
| ----- | Gasoline marketing                           | 4,810,030.13   | X  | X  | X  | X  |    |    | X  | X  | X  |
| ----- | Industrial surface coating                   | 1,312,203.46   | X  | X  | X  | X  |    |    |    | X  | X  |
| ----- | Marine vessel loading, ballasting, & transit | 1,047,585.60   |    |    |    |    | X  |    |    | X  |    |
| ----- | Other Sources**                              | 4,111,806.19   | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 19,592,676.04 lbs.**

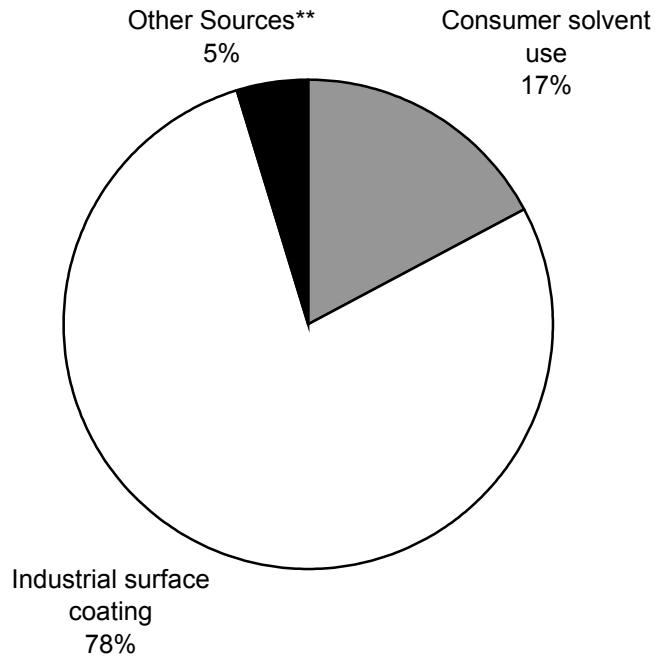
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-37:

**ETHYLENE OXIDE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Consumer and Commercial Solvent Use | 836,736.51     | X  | X  | X  | X  | X  |    |    |    | X  |
| ----- | Industrial surface coating          | 3,774,925.24   |    |    |    | X  |    |    |    |    | X  |
| ----- | Other Sources**                     | 221,827.24     | X  | X  | X  | X  | X  | X  | X  |    | X  |

**Total Estimated Emissions: 4,833,488.99 lbs.**

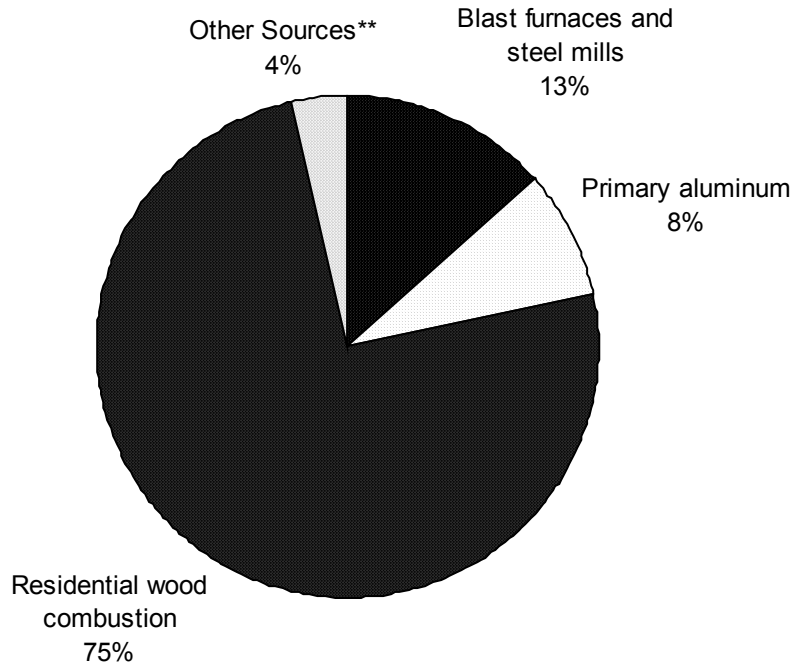
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-38:

**FLUORANTHENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 68,044.95      | X  | X  |    |    |    |    | X  | X  |    |
| 3334  | Primary aluminum               | 42,155.03      |    | X  |    |    | X  |    |    |    |    |
| ----- | Residential wood combustion    | 379,983.92     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 18,686.29      | X  | X  | X  | X  | X  |    | X  | X  | X  |

**Total Estimated Emissions: 508,870.19 lbs.**

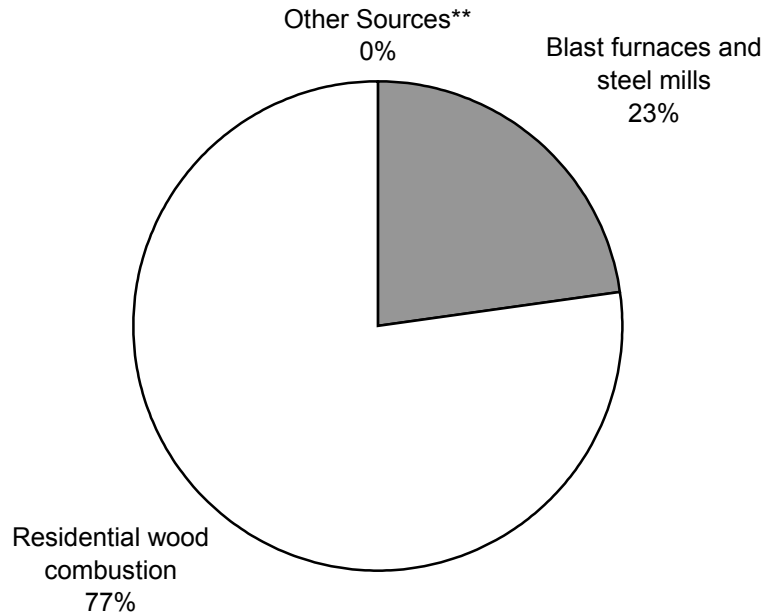
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-39:

**FLUORENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 134,929.05     | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 457,233.49     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 329.96         | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 592,492.51 lbs.**

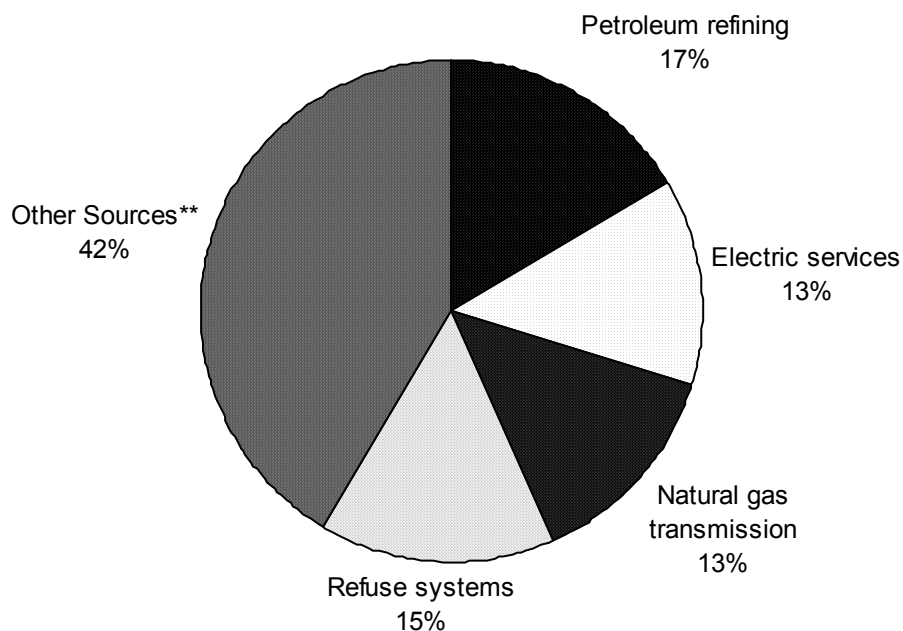
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-40:

## FORMALDEHYDE 1996 Estimated Emissions\* by Source Category for Point and Area Sources



| SIC   | DESCRIPTION              | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2911  | Petroleum refining       | 6,342,952.17   | X  | X  |    | X  | X  |    |    | X  | X  |
| 4911  | Electric services        | 5,244,306.44   | X  | X  | X  | X  | X  |    |    | X  | X  |
| 4922  | Natural gas transmission | 5,227,530.91   | X  | X  | X  | X  | X  |    |    | X  |    |
| 4953  | Refuse systems           | 5,997,810.38   | X  | X  | X  | X  | X  |    |    | X  |    |
| ----- | Other Sources**          | 16,069,153.13  | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 38,881,753.01 lbs.**

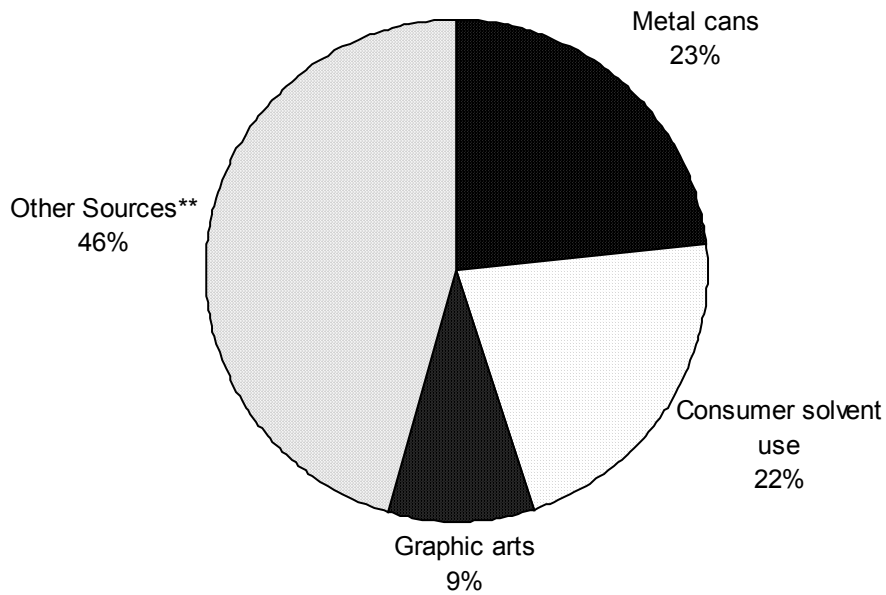
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-41:

**GLYCOL ETHERS**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3411  | Metal cans                          | 2,420,895.00   |    | X  |    | X  | X  |    |    |    | X  |
| ----- | Consumer and Commercial Solvent Use | 2,241,197.21   | X  | X  | X  | X  | X  |    |    |    | X  |
| ----- | Graphic arts                        | 984,493.09     |    | X  |    |    |    |    | X  |    |    |
| ----- | Other Sources**                     | 4,740,317.01   |    | X  |    | X  | X  | X  | X  |    | X  |

**Total Estimated Emissions: 10,386,902.31 lbs.**

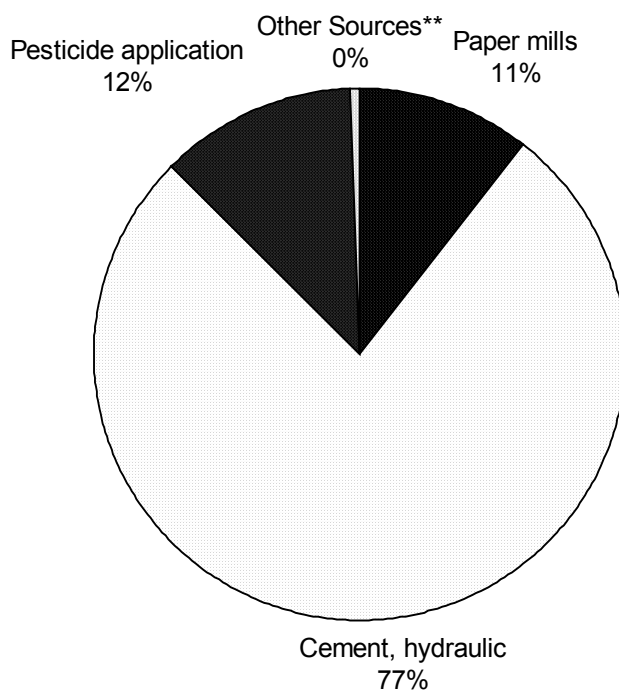
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-42:

### HEXACHLOROBENZENE 1996 Estimated Emissions\* by Source Category for Point and Area Sources



| SIC   | DESCRIPTION                        | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2621  | Paper mills                        | 1.05           |    |    |    | X  |    |    |    |    |    |
| 3241  | Cement, hydraulic                  | 7.64           |    |    |    |    |    |    | X  |    |    |
| ----- | Agricultural pesticide application | 1.20           | X  |    |    | X  |    |    |    |    | X  |
| ----- | Other Sources**                    | 0.05           |    |    |    |    |    |    | X  |    |    |

**Total Estimated Emissions: 9.94 lbs.**

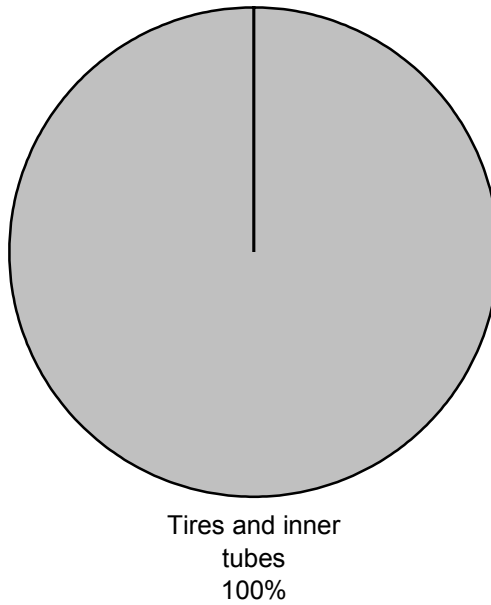
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-44:

**HEXACHLOROBUTADIENE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC  | DESCRIPTION           | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|------|-----------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3011 | Tires and inner tubes | 8.00           |    | X  |    |    |    |    |    |    |    |

**Total Estimated Emissions: 8.00 lbs.**

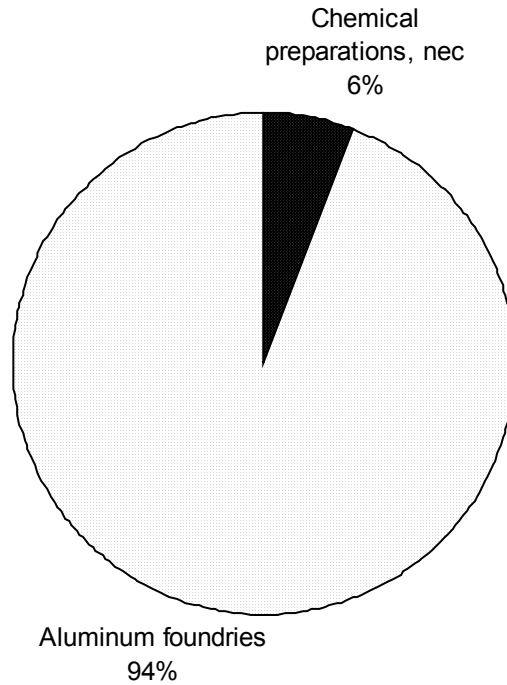
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-44:

**HEXACHLOROETHANE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC  | DESCRIPTION                | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|------|----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2899 | Chemical preparations, nec | 50.00          |    |    |    |    |    | X  |    |    |    |
| 3365 | Aluminum foundries         | 826.00         |    | X  |    |    |    |    |    |    |    |

**Total Estimated**  
**Emissions: 876.00 lbs.**

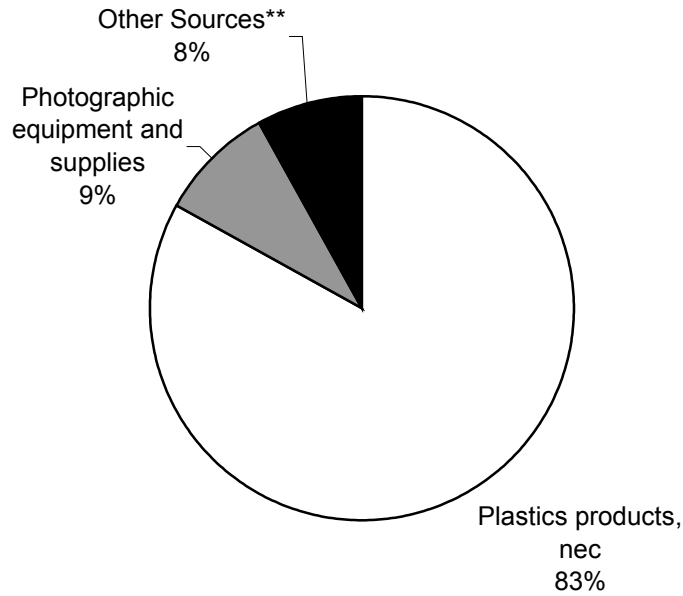
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-45:

**HYDRAZINE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3089  | Plastics products, nec              | 398.00         |    |    |    |    | X  |    |    |    |    |
| 3861  | Photographic equipment and supplies | 43.00          |    |    |    |    | X  |    |    |    |    |
| ----- | Other Sources**                     | 38.84          |    |    |    |    | X  | X  | X  |    | X  |

**Total Estimated Emissions: 479.84 lbs.**

\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-46:

**INDENO(1,2,3-CD)PYRENE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 21,924.24      | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 165,706.02     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 427.81         | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 188,058.07 lbs.**

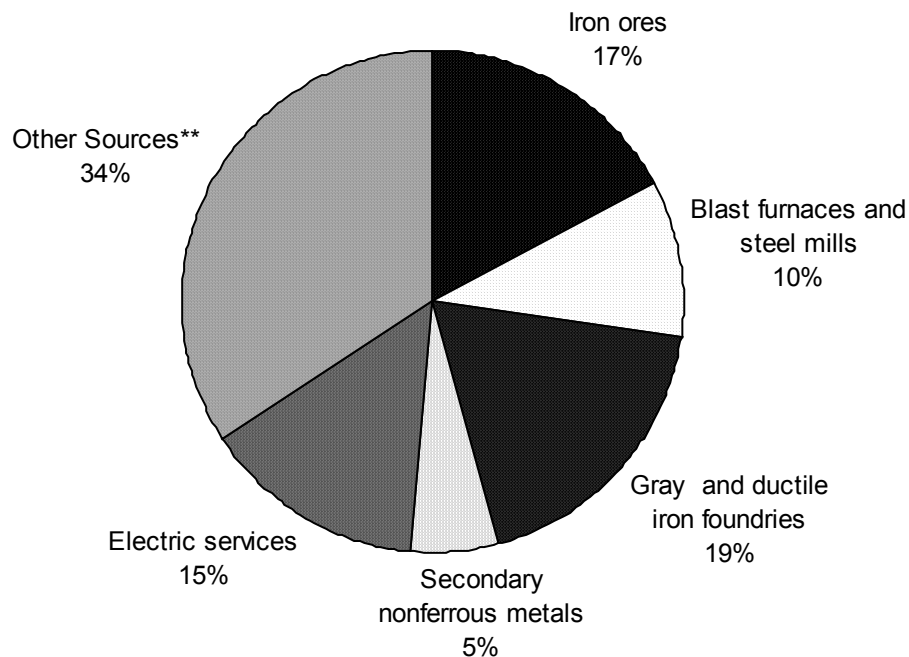
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-47:

**LEAD**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                     | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|---------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 1011  | Iron ores                       | 140,249.73     |    |    | X  | X  |    |    | X  |    |    |
| 3312  | Blast furnaces and steel mills  | 80,929.68      | X  | X  | X  | X  | X  | X  |    |    | X  |
| 3321  | Gray and ductile iron foundries | 152,167.76     | X  | X  | X  | X  |    | X  |    |    | X  |
| 3341  | Secondary nonferrous metals     | 42,970.50      | X  | X  | X  | X  | X  | X  | X  | X  | X  |
| 4911  | Electric services               | 117,813.18     | X  | X  | X  | X  | X  |    | X  |    | X  |
| ----- | Other Sources**                 | 278,177.35     | X  | X  | X  | X  | X  | X  | X  |    | X  |

**Total Estimated Emissions: 812,308.21 lbs.**

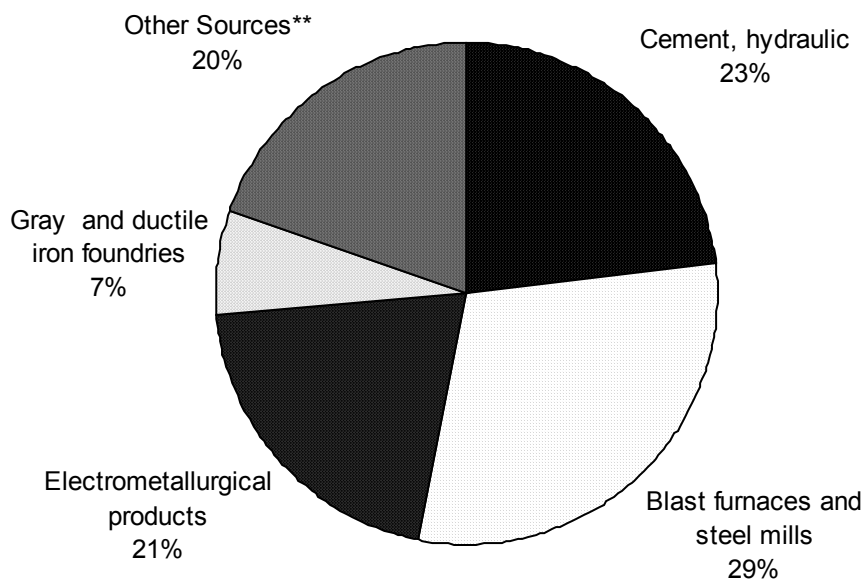
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-48:

**MANGANESE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                     | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|---------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3241  | Cement, hydraulic               | 752,891.65     | X  | X  | X  |    | X  |    |    | X  |    |
| 3312  | Blast furnaces and steel mills  | 976,500.90     | X  | X  | X  | X  | X  | X  | X  | X  | X  |
| 3313  | Electrometallurgical products   | 668,204.00     |    |    |    |    |    | X  |    |    |    |
| 3321  | Gray and ductile iron foundries | 214,689.86     | X  | X  | X  | X  |    | X  |    | X  | X  |
| ----- | Other Sources**                 | 639,390.39     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 3,251,676.81 lbs.**

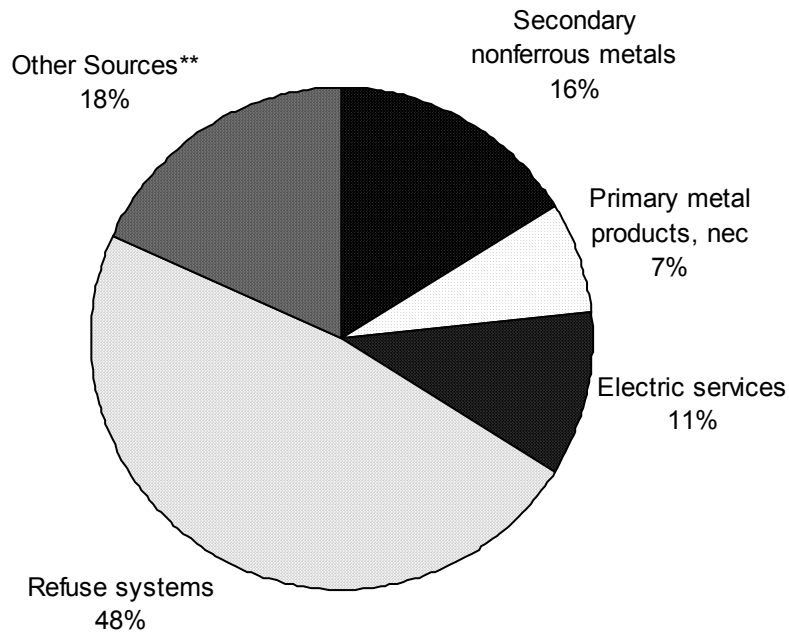
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-49:

**MERCURY**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3341  | Secondary nonferrous metals | 34,692.04      | X  | X  |    | X  |    |    |    | X  | X  |
| 3399  | Primary metal products, nec | 15,397.64      | X  |    |    |    |    |    |    | X  |    |
| 4911  | Electric services           | 22,776.81      | X  | X  | X  | X  | X  |    | X  | X  | X  |
| 4953  | Refuse systems              | 103,328.76     | X  | X  | X  | X  | X  |    | X  | X  |    |
| ----- | Other Sources**             | 38,731.56      | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 215,126.80 lbs.**

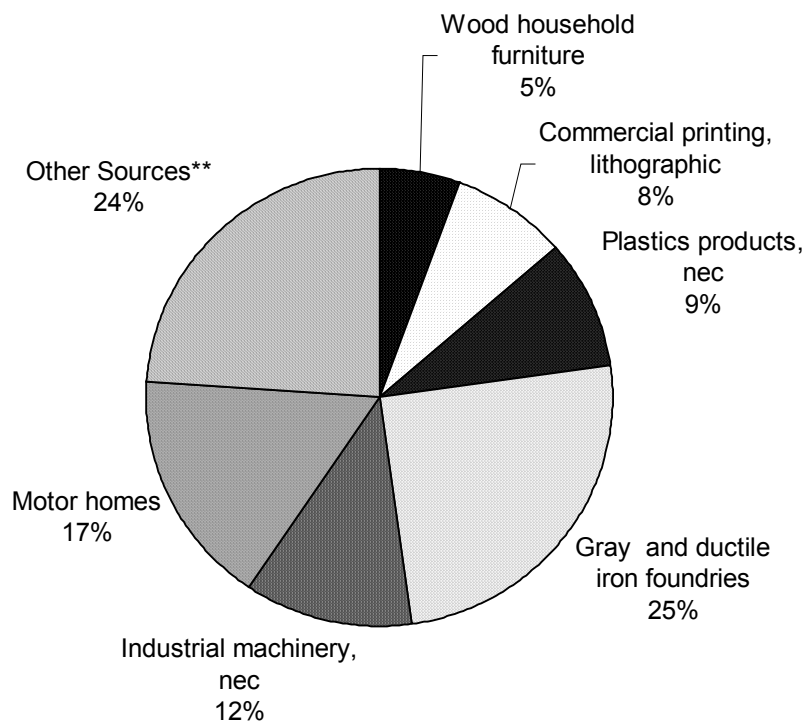
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-50:

**METHYLENE DIPHENYL DIISOCYANATE  
(MDI)  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                       | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2511  | Wood household furniture          | 2,408.00       |    | X  |    |    |    |    |    |    |    |
| 2752  | Commercial printing, lithographic | 3,575.00       |    | X  |    |    |    |    |    |    |    |
| 3089  | Plastics products, nec            | 4,158.23       |    | X  |    |    |    |    | X  |    |    |
| 3321  | Gray and ductile iron foundries   | 11,033.00      |    | X  |    |    |    |    |    |    | X  |
| 3599  | Industrial machinery, nec         | 5,193.50       |    | X  |    |    |    |    |    |    | X  |
| 3716  | Motor homes                       | 7,440.00       |    | X  |    |    |    |    |    |    |    |
| ----- | Other Sources**                   | 10,537.53      | X  | X  |    | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 44,345.27 lbs.**

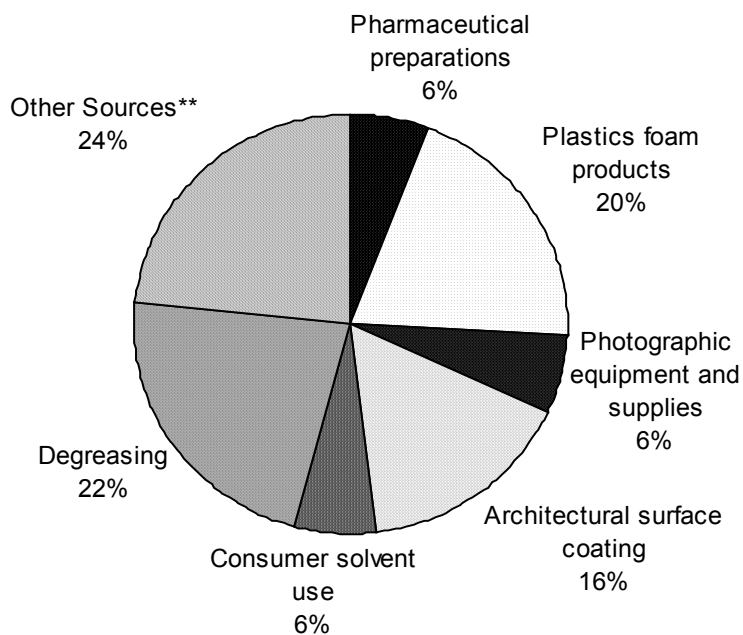
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-51:

**METHYLENE CHLORIDE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2834  | Pharmaceutical preparations         | 1,912,930.56   | X  | X  | X  |    | X  |    | X  |    | X  |
| 3086  | Plastics foam products              | 6,509,023.07   | X  | X  | X  | X  |    |    | X  |    | X  |
| 3861  | Photographic equipment and supplies | 1,994,064.70   |    |    |    |    | X  |    |    |    |    |
| ----- | Architectural surface coatings      | 5,187,767.64   | X  | X  | X  | X  | X  | X  | X  |    | X  |
| ----- | Consumer and Commercial Solvent Use | 2,016,996.73   | X  | X  | X  | X  | X  |    |    |    | X  |
| ----- | Solvent cleaning                    | 7,278,216.56   | X  | X  | X  | X  |    |    |    | X  | X  |
| ----- | Other Sources**                     | 7,568,280.80   | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 32,467,280.08 lbs.**

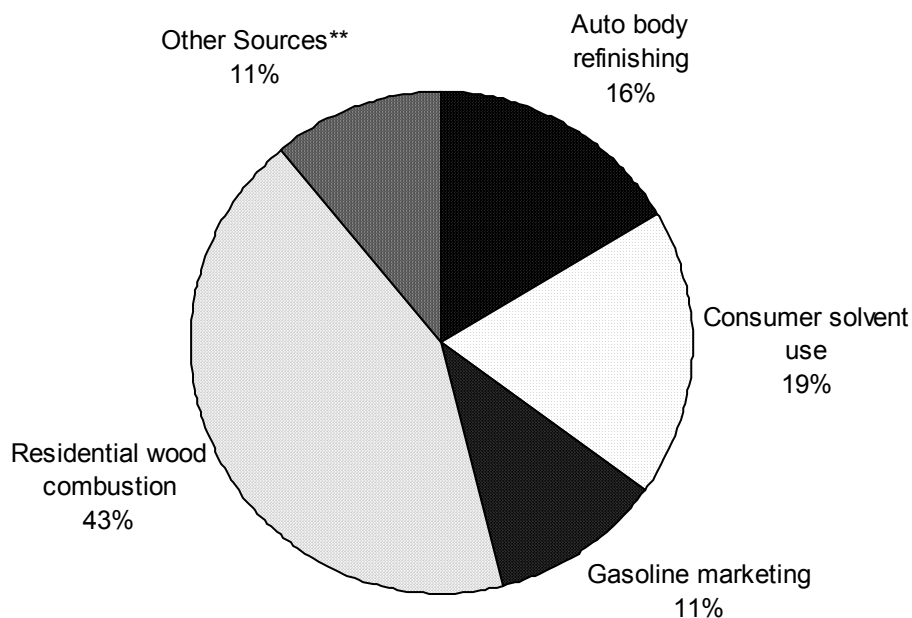
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-52:

### NAPHTHALENE 1996 Estimated Emissions\* by Source Category for Point and Area Sources



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Autobody refinishing                | 2,253,594.15   | X  | X  | X  | X  | X  | X  |    | X  | X  |
| ----- | Consumer and Commercial Solvent Use | 2,554,555.31   | X  | X  | X  | X  | X  |    |    |    | X  |
| ----- | Gasoline marketing                  | 1,554,947.09   | X  |    | X  | X  |    |    | X  | X  | X  |
| ----- | Residential wood combustion         | 5,871,027.19   | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                     | 1,538,362.12   | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 13,772,485.87 lbs.**

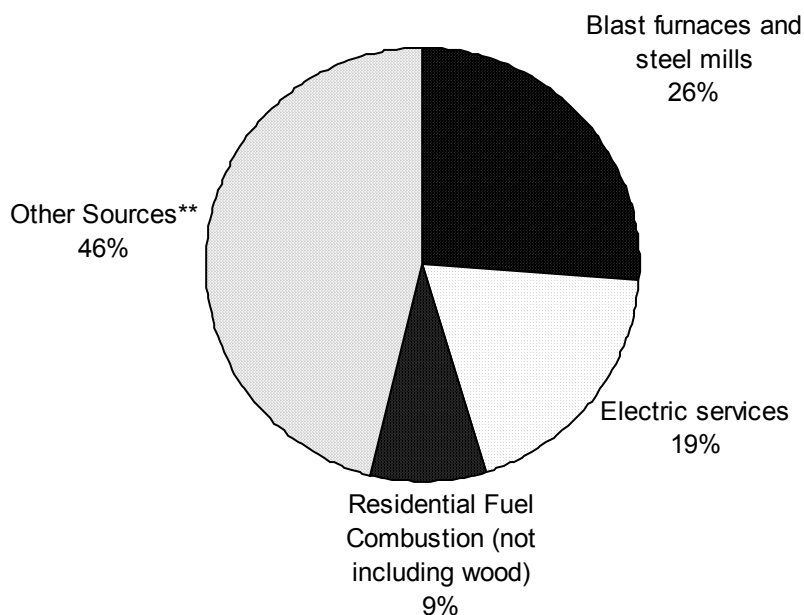
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-53:

**NICKEL**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 159,155.32     | X  | X  | X  | X  | X  | X  |    | X  | X  |
| 4911  | Electric services              | 116,721.05     | X  | X  | X  | X  | X  |    | X  | X  | X  |
| ----- | Residential Fuel Combustion    | 53,588.68      | X  | X  |    | X  |    |    | X  |    | X  |
| ----- | Other Sources**                | 281,527.46     | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 610,992.50 lbs.**

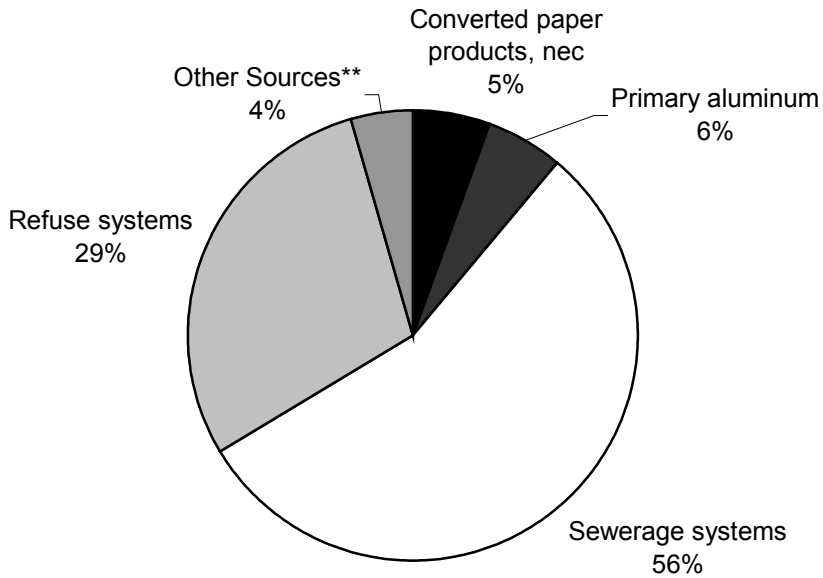
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-54:

**POLYCHLORINATED BIPHENYLS  
(PCBs)  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                   | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2679  | Converted paper products, nec | 1.93           |    |    |    |    |    |    |    |    | X  |
| 3334  | Primary aluminum              | 2.00           |    | X  |    |    |    |    |    |    |    |
| 4952  | Sewerage systems              | 19.57          |    |    | X  | X  | X  |    | X  |    |    |
| 4953  | Refuse systems                | 10.37          |    |    | X  |    | X  |    |    |    |    |
| ----- | Other Sources**               | 1.53           |    | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 35.39 lbs.**

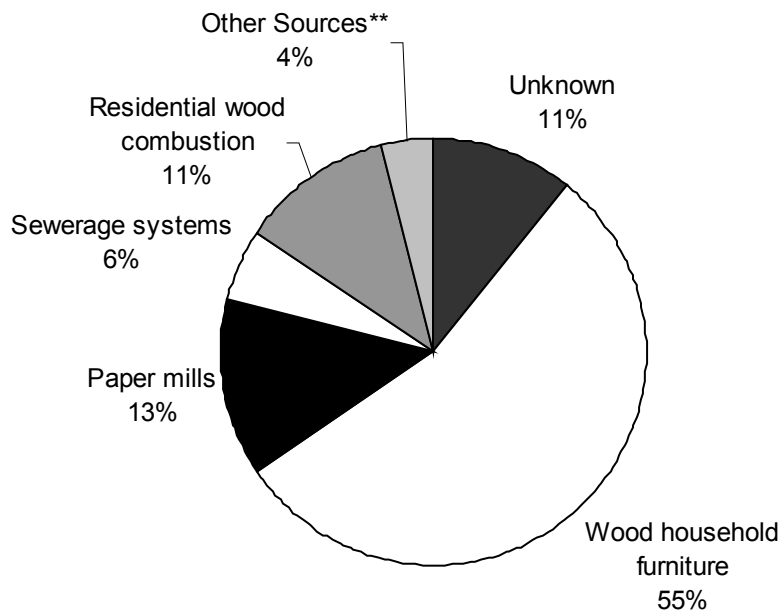
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-55:

**POLYCHLORINATED DIBENZODIOXINS  
(PCDD)  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 0     | Unknown                     | 3.90           | X  |    |    | X  | X  |    |    |    |    |
| 2511  | Wood household furniture    | 19.76          | X  | X  | X  |    | X  |    |    |    |    |
| 2621  | Paper mills                 | 4.83           |    |    | X  | X  | X  |    |    |    |    |
| 4952  | Sewerage systems            | 2.02           |    |    | X  | X  | X  |    | X  |    |    |
| ----- | Residential wood combustion | 4.15           |    |    |    | X  |    |    |    |    |    |
| ----- | Other Sources**             | 1.45           | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 36.11 lbs.**

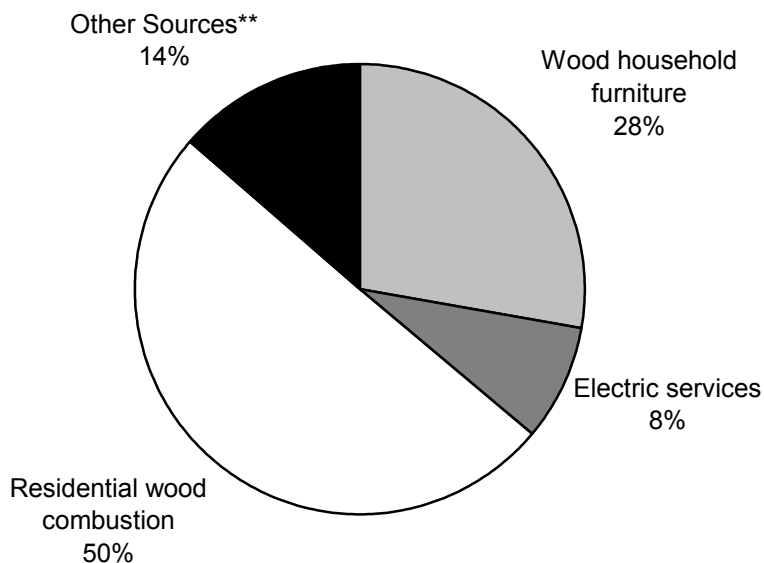
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-56:

**POLYCHLORINATED DIBENZOFURANS  
(PCDF)  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2511  | Wood household furniture    | 12.62          | X  | X  | X  |    | X  |    |    |    |    |
| 4911  | Electric services           | 3.72           | X  | X  | X  | X  | X  |    | X  |    |    |
| ----- | Residential wood combustion | 22.89          |    |    |    | X  |    |    |    |    |    |
| ----- | Other Sources**             | 6.14           | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 45.37 lbs.**

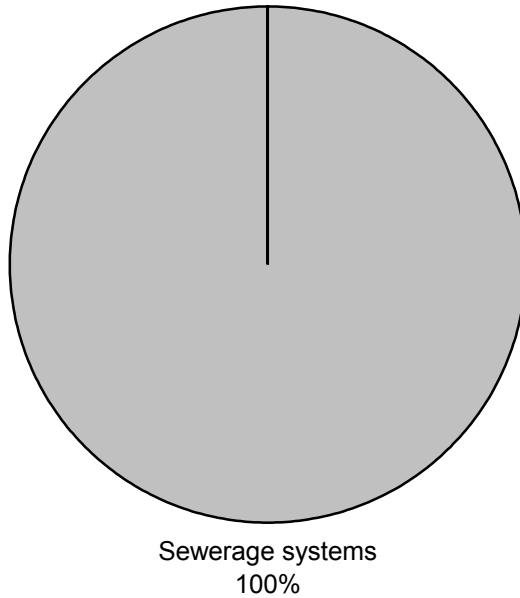
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-57:

**PENTACHLOROPHENOL  
(PCP)  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC  | DESCRIPTION      | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|------|------------------|----------------|----|----|----|----|----|----|----|----|----|
| 4952 | Sewerage systems | 20,886.33      |    |    |    |    |    |    |    |    | X  |

**Total Estimated Emissions: 20,886.33 lbs.**

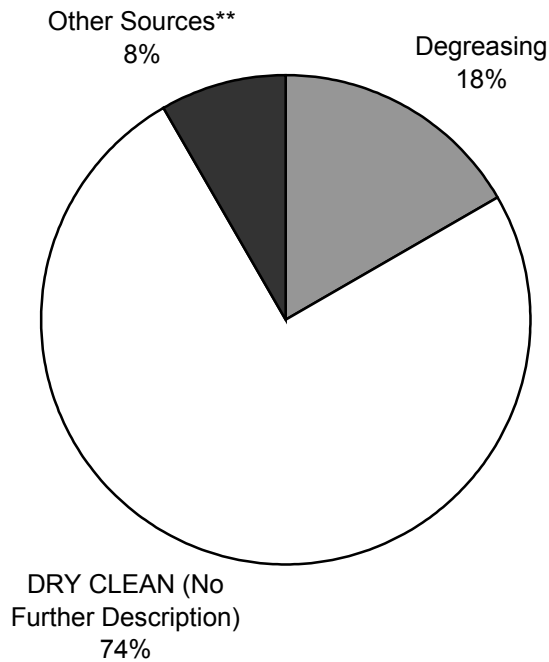
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-58:

**TETRACHLOROETHYLENE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION      | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Solvent cleaning | 12,335,579.10  | X  | X  | X  | X  |    |    |    | X  | X  |
| ----- | Dry cleaning     | 53,020,598.12  | X  | X  | X  | X  | X  | X  | X  |    | X  |
| ----- | Other Sources**  | 6,041,805.64   | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 71,397,982.85 lbs.**

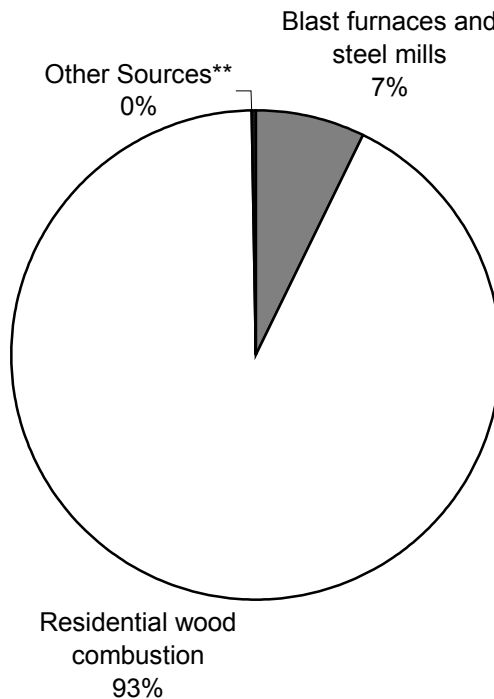
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-59:

**PHENANTHRENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 459,767.27     | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 5,967,145.20   | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 17,513.64      | X  | X  | X  | X  | X  | X  | X  | X  |    |

**Total Estimated Emissions: 6,444,426.11 lbs.**

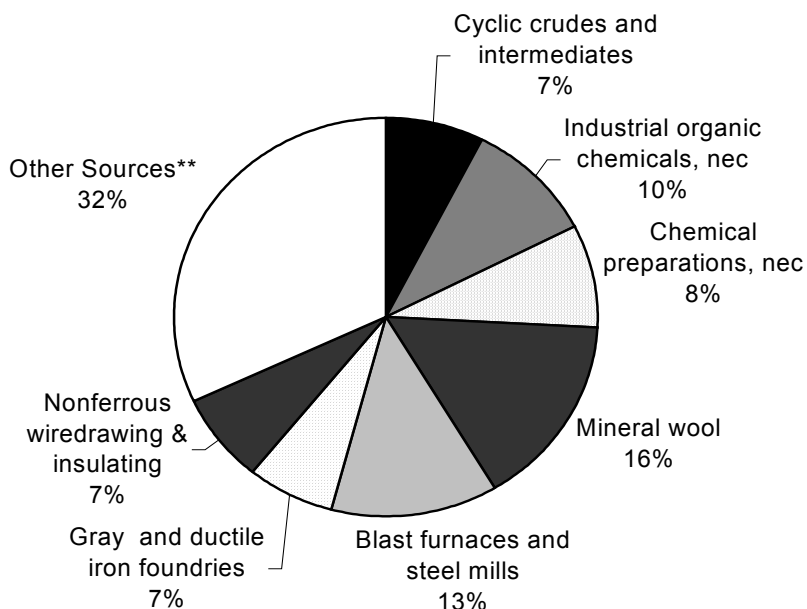
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-60:

**PHENOL**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2865  | Cyclic crudes and intermediates     | 348,095.00     |    |    |    |    |    | X  |    |    |    |
| 2869  | Industrial organic chemicals, nec   | 472,777.41     | X  | X  | X  |    | X  | X  | X  |    | X  |
| 2899  | Chemical preparations, nec          | 389,838.54     | X  |    | X  |    |    |    | X  |    |    |
| 3296  | Mineral wool                        | 730,988.06     |    | X  | X  |    | X  | X  |    |    |    |
| 3312  | Blast furnaces and steel mills      | 602,499.30     |    | X  |    |    | X  | X  | X  |    |    |
| 3321  | Gray and ductile iron foundries     | 306,640.56     | X  | X  | X  | X  |    | X  |    | X  | X  |
| 3357  | Nonferrous wiredrawing & insulating | 336,487.57     | X  | X  |    |    |    |    | X  |    |    |
| ----- | Other Sources**                     | 1,502,286.07   | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 4,689,612.51 lbs.**

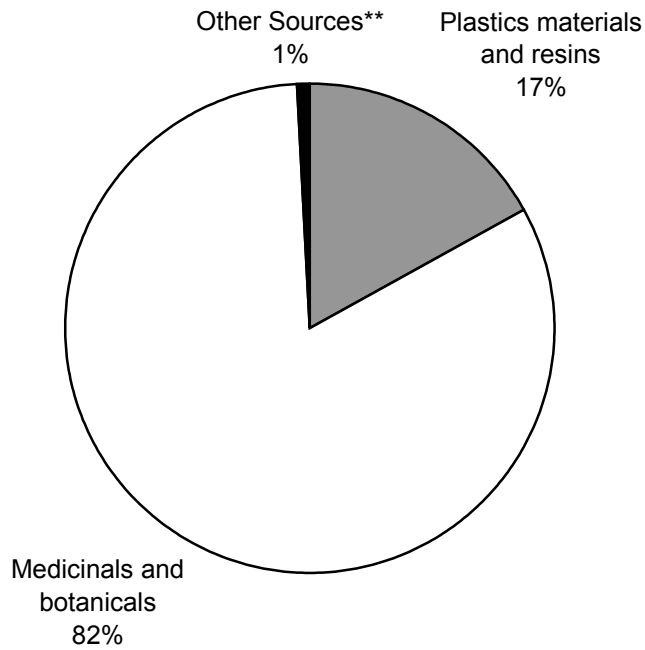
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-61:

**PHOSGENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                   | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2821  | Plastics materials and resins | 33.00          |    | X  |    |    |    | X  |    |    |    |
| 2833  | Medicinals and botanicals     | 160.00         |    | X  |    |    |    |    |    |    |    |
| ----- | Other Sources**               | 1.76           | X  |    |    |    | X  |    |    |    |    |

**Total Estimated Emissions: 194.76 lbs.**

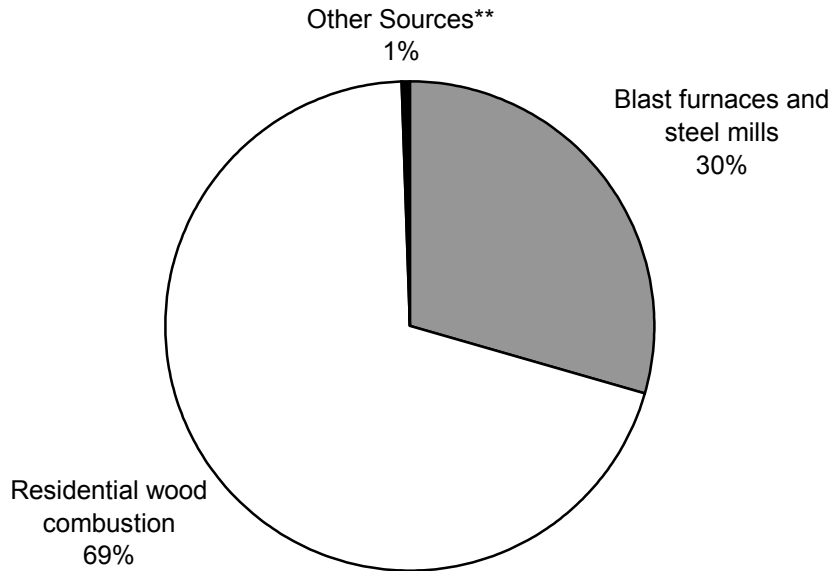
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-62:

**PYRENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                    | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|--------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3312  | Blast furnaces and steel mills | 144,959.85     | X  | X  |    |    |    |    | X  |    |    |
| ----- | Residential wood combustion    | 343,173.69     | X  | X  | X  | X  |    | X  | X  |    | X  |
| ----- | Other Sources**                | 2,586.55       | X  | X  | X  | X  | X  |    | X  |    |    |

**Total Estimated Emissions: 490,720.09 lbs.**

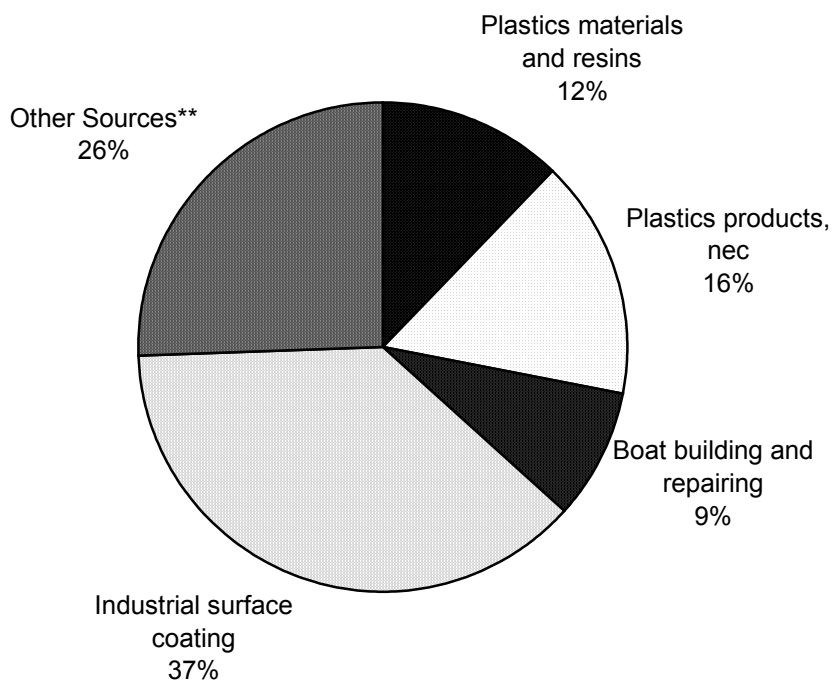
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-63:

**STYRENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                   | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2821  | Plastics materials and resins | 2,316,316.31   | X  | X  | X  | X  | X  | X  | X  | X  | X  |
| 3089  | Plastics products, nec        | 2,966,341.84   | X  | X  | X  | X  |    | X  | X  | X  | X  |
| 3732  | Boat building and repairing   | 1,651,395.89   | X  | X  | X  | X  |    |    |    |    | X  |
| ----- | Industrial surface coating    | 7,112,743.41   |    |    |    |    |    |    |    | X  |    |
| ----- | Other Sources**               | 4,838,576.37   | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 18,885,373.81 lbs.**

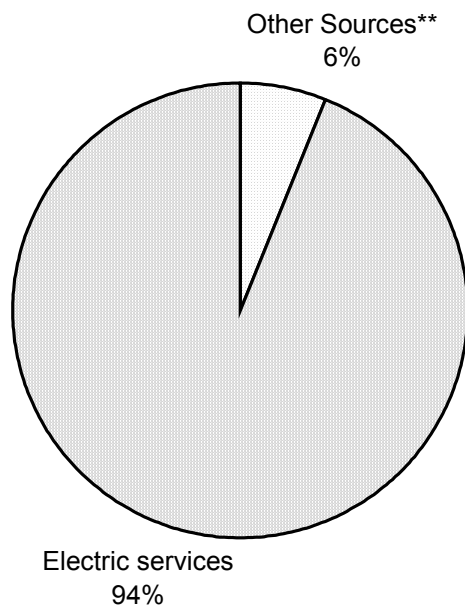
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-64:

**2,3,7,8-TETRACHLORODIBENZO--P-DIOXIN  
(TCDD)  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION       | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------|----------------|----|----|----|----|----|----|----|----|----|
| 4911  | Electric services | 0.31           | X  | X  | X  | X  | X  |    |    |    | X  |
| ----- | Other Sources**   | 0.02           | X  | X  | X  | X  | X  |    | X  |    | X  |

**Total Estimated Emissions: 0.33 lbs.**

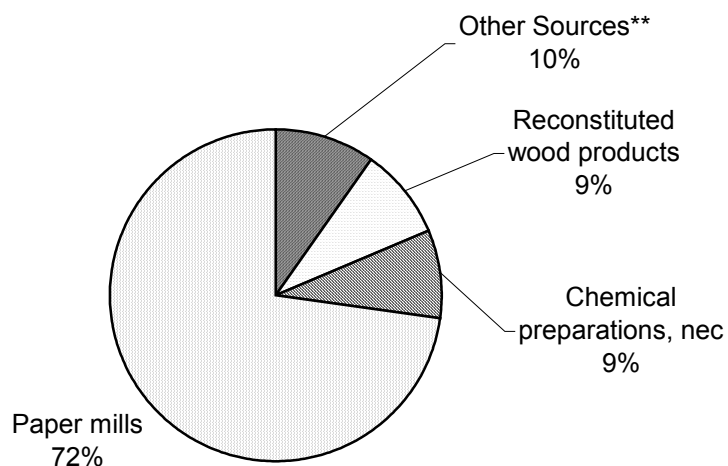
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-65:

**2,3,7,8-TETRACHLORODIBENZO-FURAN  
(TCDF)**  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources



| SIC   | DESCRIPTION                 | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-----------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 2621  | Paper mills                 | 23.72          |    |    | X  |    |    |    |    |    |    |
| ----- | Other Sources**             | 3.21           | X  | X  | X  | X  | X  |    | X  |    | X  |
| 2899  | Chemical preparations, nec  | 2.87           | X  |    | X  |    |    |    |    |    |    |
| 2493  | Reconstituted wood products | 2.80           |    |    | X  | X  |    |    |    |    |    |

**Total Estimated Emissions: 32.64 lbs.**

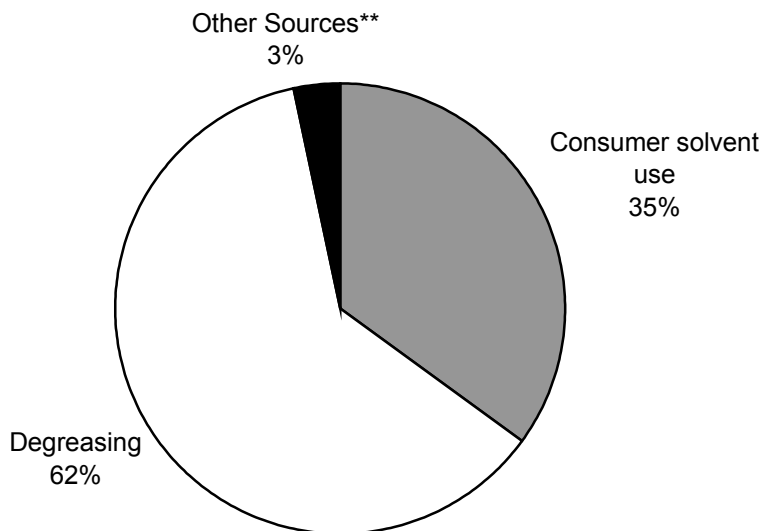
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-66:

**METHYLENE CHLOROFORM  
(111,TCE)  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Consumer and Commercial Solvent Use | 21,453,891.50  | X  | X  | X  | X  | X  |    |    |    | X  |
| ----- | Solvent cleaning                    | 37,926,911.12  | X  | X  | X  | X  |    |    |    | X  | X  |
| ----- | Other Sources**                     | 2,090,768.57   | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 61,471,625.32 lbs.**

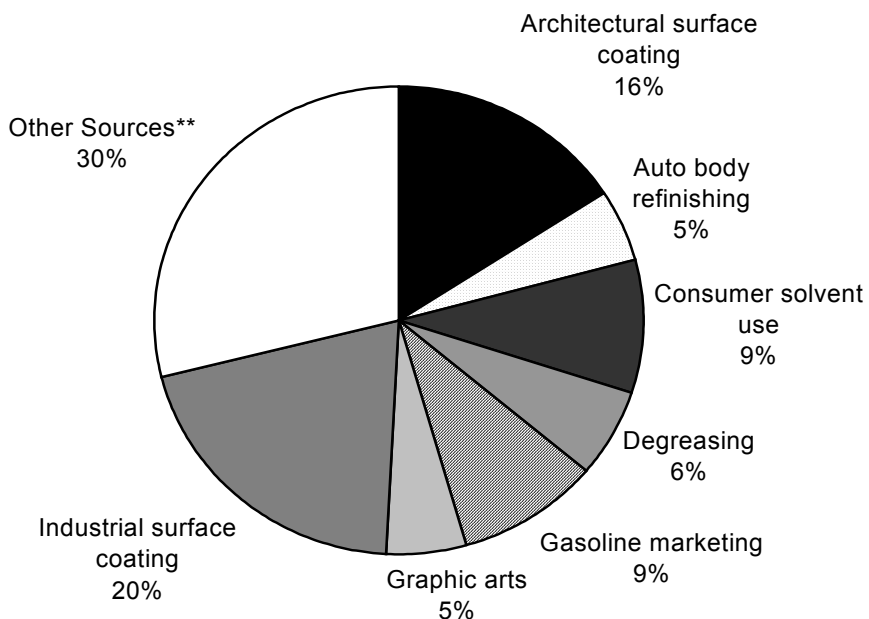
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-67:

**TOLUENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



| SIC   | DESCRIPTION                         | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| ----- | Architectural surface coatings      | 42,099,012.88  | X  | X  | X  | X  | X  | X  | X  | X  | X  |
| ----- | Autobody refinishing                | 13,351,772.64  | X  | X  | X  | X  | X  | X  |    | X  | X  |
| ----- | Consumer and Commercial Solvent Use | 23,774,241.14  | X  | X  | X  | X  | X  |    |    |    | X  |
| ----- | Solvent cleaning                    | 16,770,811.23  | X  | X  | X  | X  |    |    |    | X  | X  |
| ----- | Gasoline marketing                  | 24,996,870.56  | X  | X  | X  | X  |    |    | X  | X  | X  |
| ----- | Graphic arts                        | 13,823,283.96  |    | X  | X  | X  | X  | X  | X  |    | X  |
| ----- | Industrial surface coating          | 54,103,261.14  | X  | X  | X  | X  |    |    |    | X  | X  |
| ----- | Other Sources**                     | 76,237,741.36  | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 265,156,994.91 lbs.**

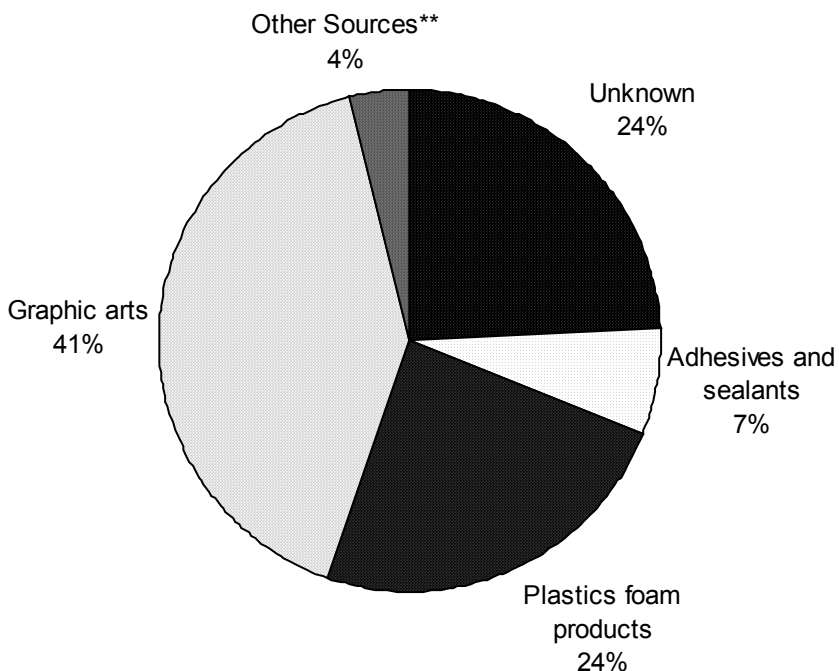
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-68:

**2,4-TOLUENE DIISOCYANATE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION            | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 0     | Unknown                | 2,638.00       |    |    |    |    | X  |    |    |    |    |
| 2891  | Adhesives and sealants | 750.00         |    |    |    |    |    | X  |    |    |    |
| 3086  | Plastics foam products | 2,641.52       | X  | X  |    |    |    |    |    |    | X  |
| ----- | Graphic arts           | 4,468.28       |    |    |    |    | X  |    |    |    |    |
| ----- | Other Sources**        | 422.00         |    | X  |    | X  | X  | X  |    |    | X  |

**Total Estimated Emissions: 10,919.81 lbs.**

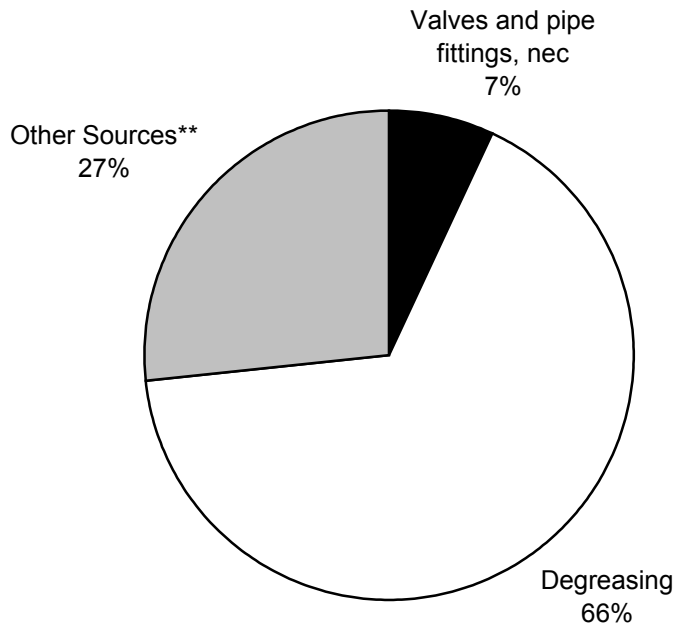
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-69:

**TRICHLOROETHYLENE  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC   | DESCRIPTION                   | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|-------|-------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 3494  | Valves and pipe fittings, nec | 3,574,025.00   | X  |    |    |    |    |    |    | X  | X  |
| ----- | Solvent cleaning              | 34,011,437.84  | X  | X  | X  | X  |    |    |    | X  | X  |
| ----- | Other Sources**               | 13,685,735.68  | X  | X  | X  | X  | X  | X  | X  | X  | X  |

**Total Estimated Emissions: 51,271,198.52 lbs.**

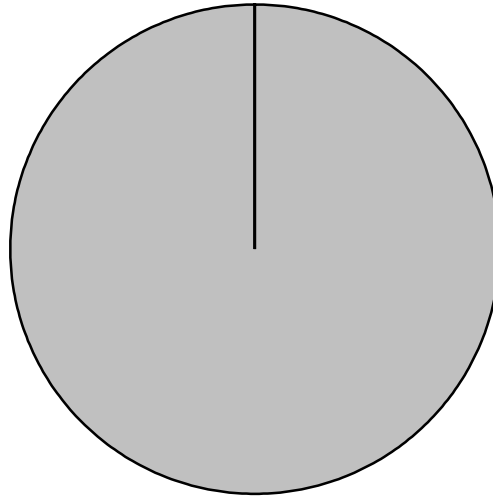
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-70:

**2,4,5-TRICHLOROPHENOL**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



Air, water, & solid  
waste management  
100%

| SIC  | DESCRIPTION                          | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|------|--------------------------------------|----------------|----|----|----|----|----|----|----|----|----|
| 9511 | Air, water, & solid waste management | 0.02           |    |    |    |    |    |    | X  |    |    |

**Total Estimated Emissions: 0.02 lbs.**

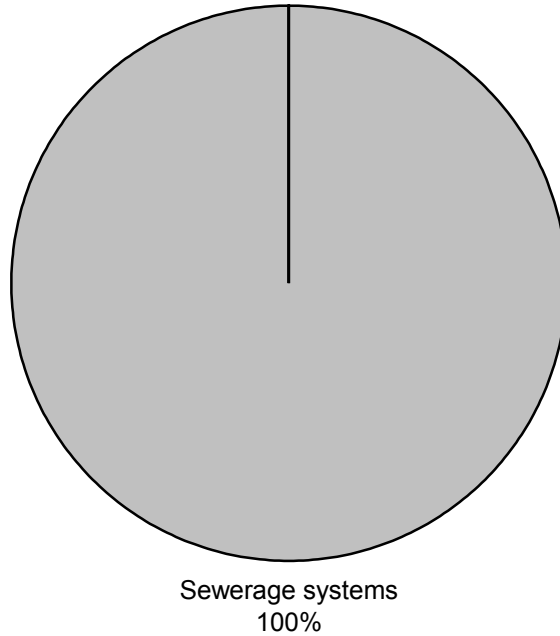
\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.

Figure 3-71:

**2,4,6-TRICHLOROPHENOL  
1996 Estimated Emissions\* by Source Category for  
Point and Area Sources**



| SIC  | DESCRIPTION      | EMISSIONS (LB) | IL | IN | MI | MN | NY | OH | ON | PA | WI |
|------|------------------|----------------|----|----|----|----|----|----|----|----|----|
| 4952 | Sewerage systems | 12,784.14      |    |    |    |    |    |    | X  |    | X  |

**Total Estimated Emissions: 12,784.14 lbs.**

\* Each jurisdiction estimated emissions for those sources for which they had data available.

\*\* Other Sources: Individually less than five percent of the total.

(X) Denotes jurisdictions that have contributed emissions data for this pollutant.