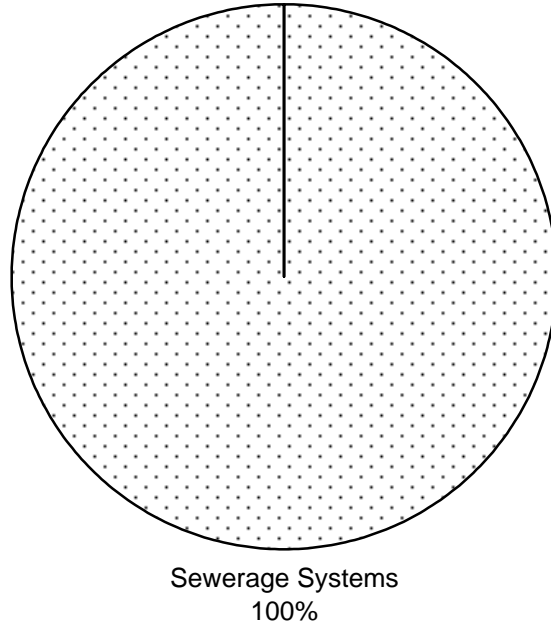


Figure: 2-41

HEPTACHLOR
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
4952	Sewerage Systems	1.38									X

Total Estimated Emissions: 1.38 lbs.

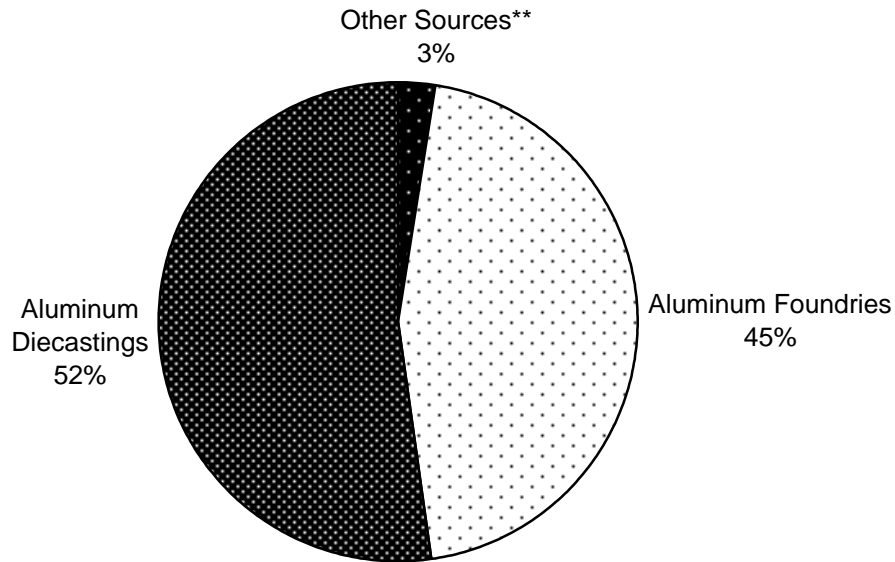
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-42

HEXACHLOROETHANE 1998 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	24.00		X							
3365	Aluminum Foundries	432.00		X							
3363	Aluminum Diecastings	500.00		X							

Total Estimated Emissions: 956 lbs.

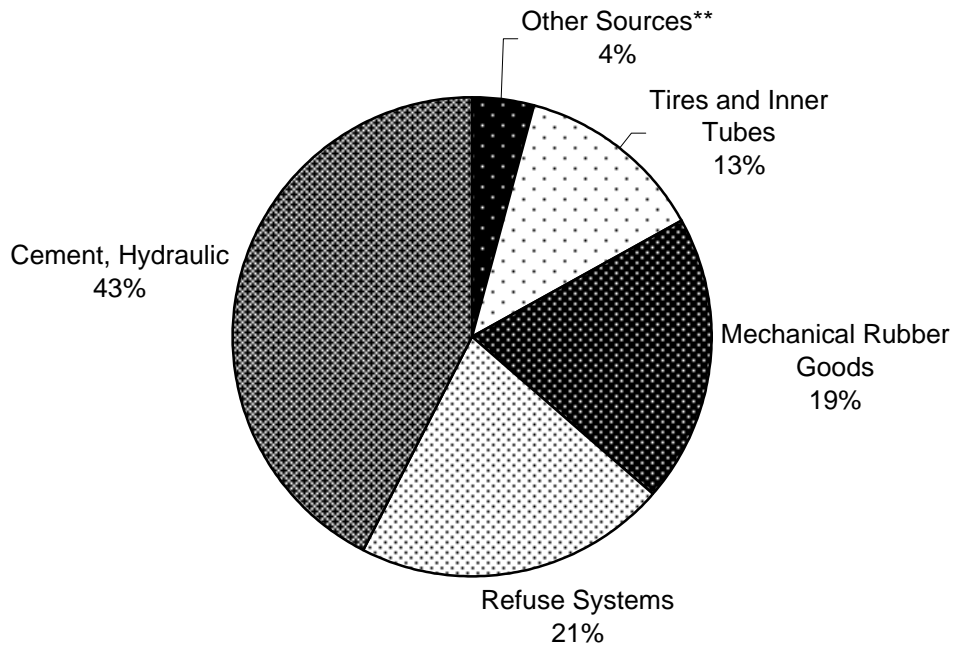
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-43

HEXACHLOROBUTADIENE 1998 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	2.00					X				
3011	Tires and Inner Tubes	6.00		X							
3061	Mechanical Rubber Goods	9.06		X							
4953	Refuse Systems	10.00					X				
3241	Cement, Hydraulic	20.00		X							

Total Estimated Emissions: 47 lbs.

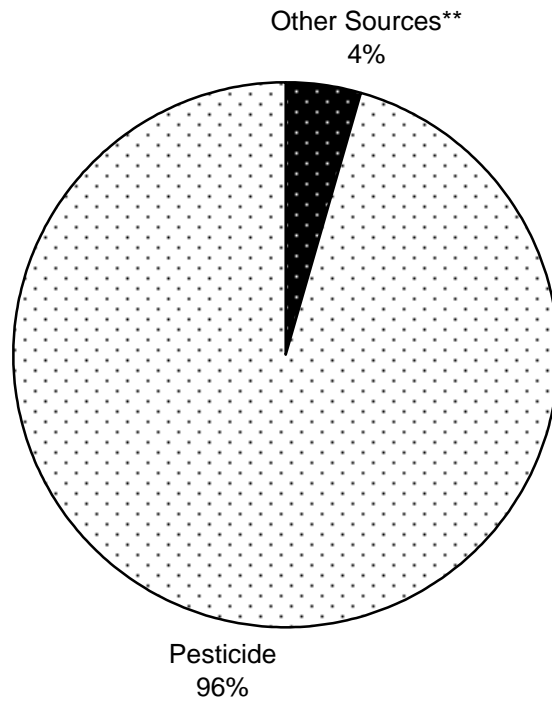
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-44

HEXACHLOROBENZENE 1998 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	0.07							X		
-----	Pesticide	1.60	X	X		X	X				X

Total Estimated Emissions: 1.67 lbs.

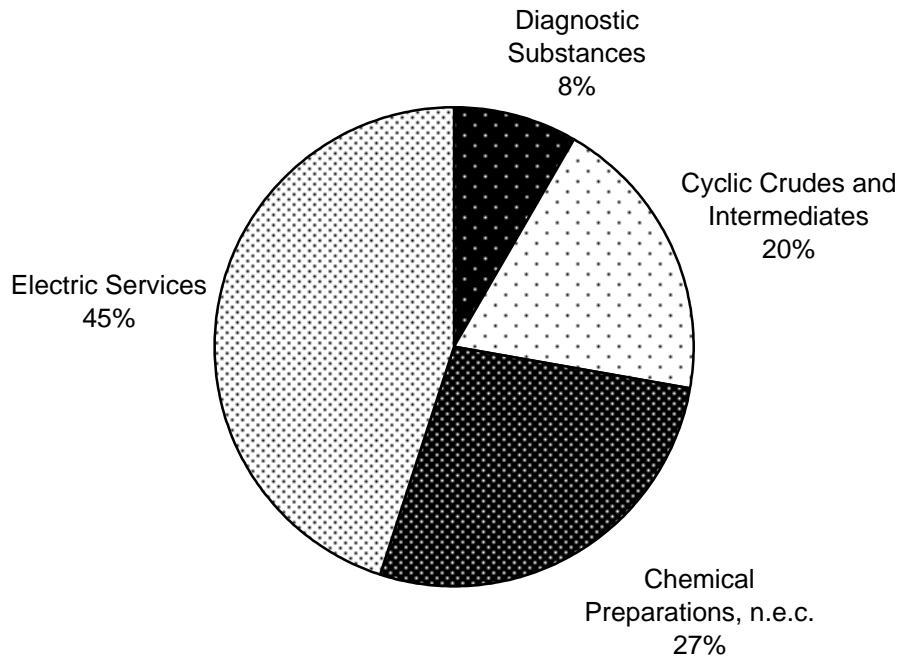
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-45

HYDRAZINE 1998 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
2835	Diagnostic Substances	40.00					X				
2865	Cyclic Crudes and Intermediates	95.90					X				
2899	Chemical Preparations, n.e.c.	132.00							X		
4911	Electric Services	220.00							X		

Total Estimated Emissions: 488 lbs.

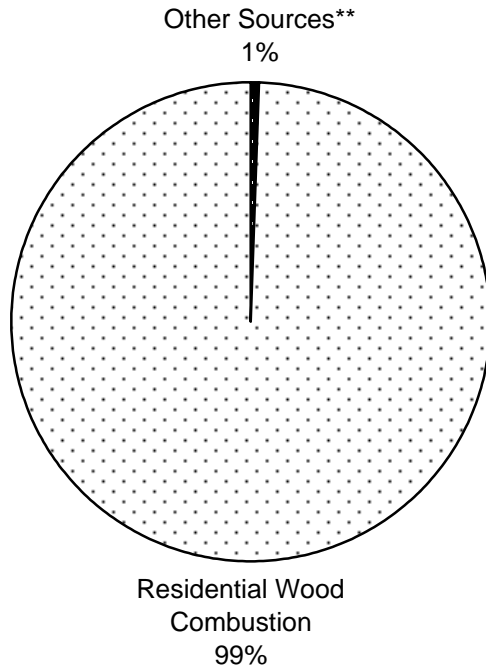
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-46

INDENO(1,2,3-CD)PYRENE
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	341.20	X	X	X	X	X	X	X		X
-----	Residential Wood Combustion	62,536.14	X	X	X	X		X	X		X

Total Estimated Emissions: 62,877 lbs.

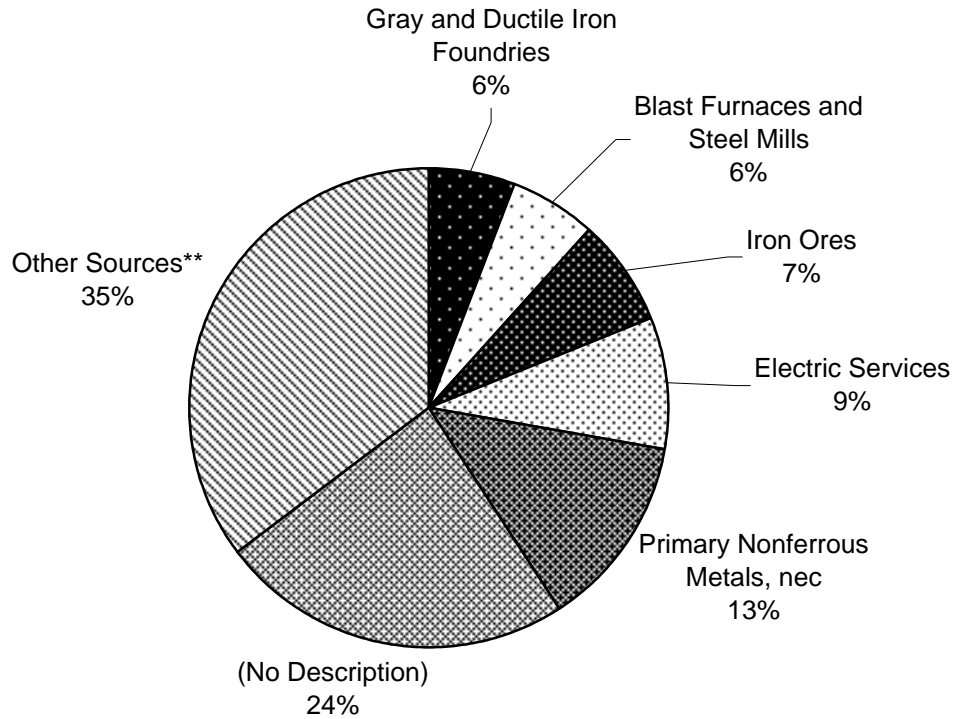
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-47

LEAD
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3321	Gray and Ductile Iron Foundries	82,516.46	X	X	X	X	X		X		X
3312	Blast Furnaces and Steel Mills	83,736.23	X	X	X	X	X		X		
1011	Iron Ores	104,538.79			X	X			X		
4911	Electric Services	127,863.68	X	X	X	X			X		X
3339	Primary Nonferrous Metals, nec	187,141.98	X				X		X		
1061	(No Description)	341,030.00							X		
-----	Other Sources**	503,090.93	X	X	X	X	X	X	X	X	X

Total Estimated Emissions: 1,429,918 lbs.

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

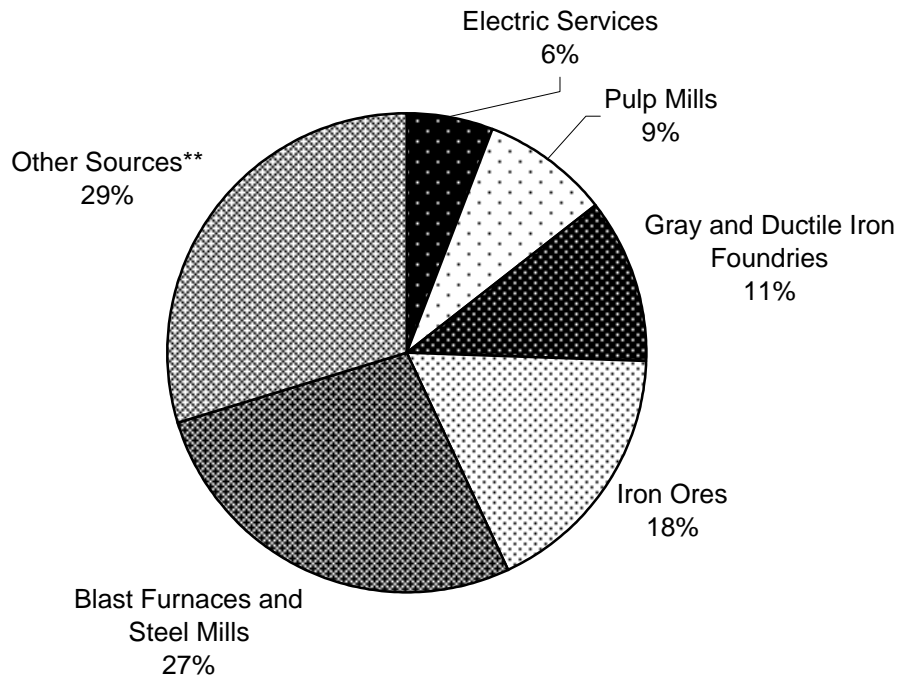
** Other Sources: Individually less than five percent of the total.

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

Figure: 2-48

MANGANESE

1998 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
4911	Electric Services	74,009.67	X	X	X	X			X		X
2611	Pulp Mills	111,472.64			X		X		X		
3321	Gray and Ductile Iron Foundries	142,530.91	X	X	X	X		X	X		X
1011	Iron Ores	227,079.16			X	X			X		
3312	Blast Furnaces and Steel Mills	350,147.92	X	X	X	X	X		X		X
-----	Other Sources**	384,204.57	X	X	X	X	X	X	X	X	X

Total Estimated Emissions: 1,289,445 lbs.

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

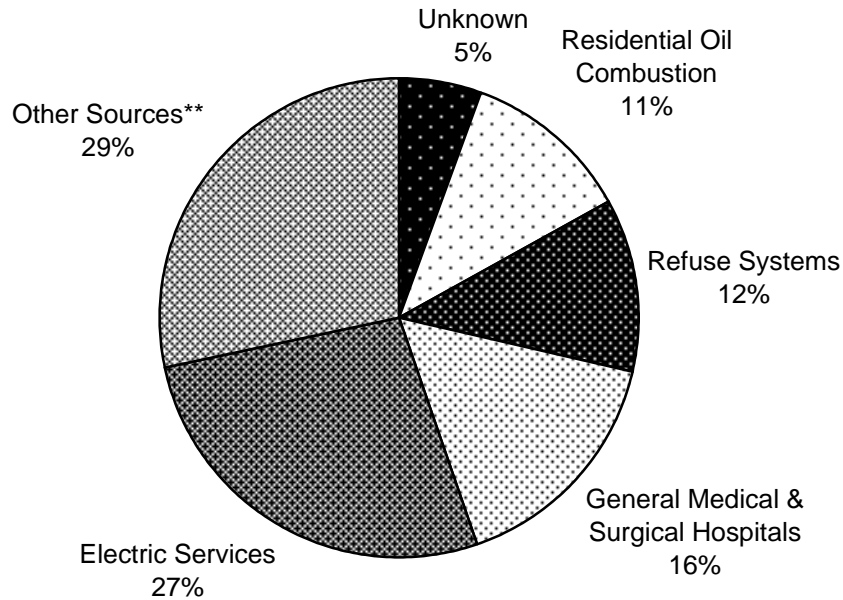
** Other Sources: Individually less than five percent of the total.

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

Figure: 2-49

MERCURY

1998 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
	Unknown	4,289.99	X			X				X	
-----	Residential Oil Combustion	9,007.67	X	X		X		X	X		X
4953	Refuse Systems	9,423.60	X	X	X	X	X	X	X		X
8062	General Medical & Surgical Hospitals	12,765.54	X	X	X	X	X		X		
4911	Electric Services	21,158.63	X	X	X	X			X		X
-----	Other Sources**	22,471.63	X	X	X	X	X	X	X	X	X

Total Estimated Emissions: 79,117 lbs.

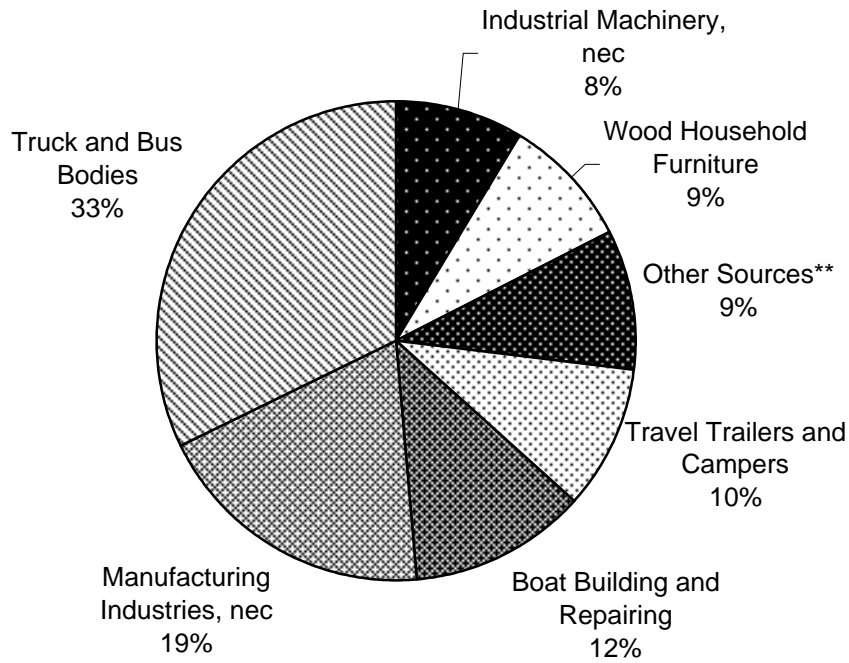
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-50

**METHYLENE DIPHENYL DIISOCYANATE
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources**



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3599	Industrial Machinery, nec	6,565.20		X							
2511	Wood Household Furniture	7,082.00		X							
-----	Other Sources**	7,184.20	X	X		X			X		
3792	Travel Trailers and Campers	7,599.20		X							
3732	Boat Building and Repairing	9,209.00		X							
3999	Manufacturing Industries, nec	14,860.00		X							
3713	Truck and Bus Bodies	24,904.00		X							

Total Estimated Emissions: 77,404 lbs.

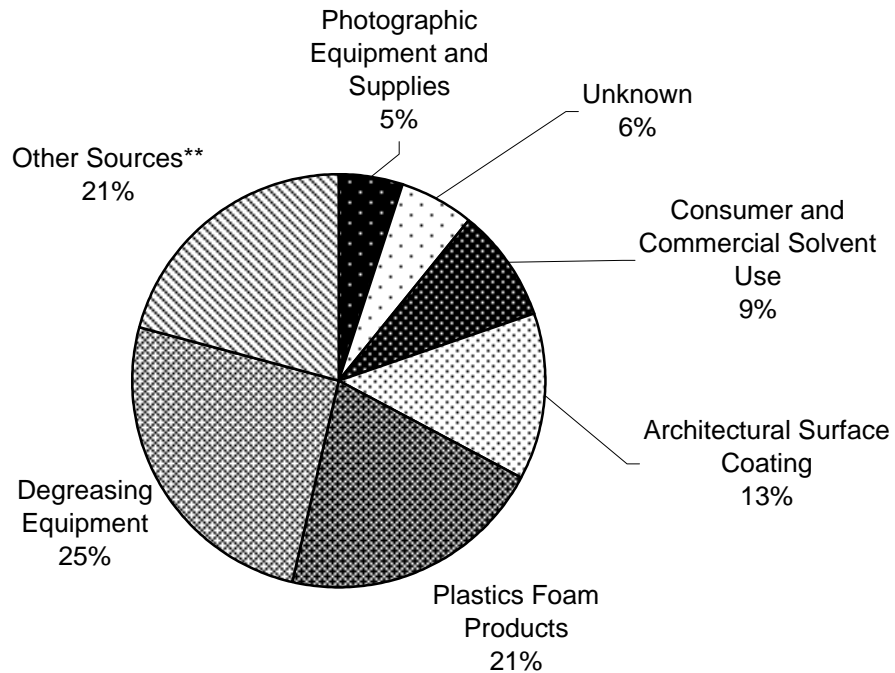
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-51

METHYLENE CHLORIDE 1998 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3861	Photographic Equipment and Supplies	1,741,207.00					X				
	Unknown	2,034,705.26	X			X				X	
-----	Consumer and Commercial Solvent Use	3,094,763.69	X	X	X	X	X	X			X
-----	Architectural Surface Coating	4,518,171.74	X	X	X	X		X	X		X
3086	Plastics Foam Products	7,259,064.35	X	X	X	X		X	X		X
-----	Degreasing Equipment	8,906,835.46	X	X	X	X		X		X	X
-----	Other Sources**	7,222,324.26	X	X	X	X	X	X	X		X

Total Estimated Emissions: 34,777,072 lbs.

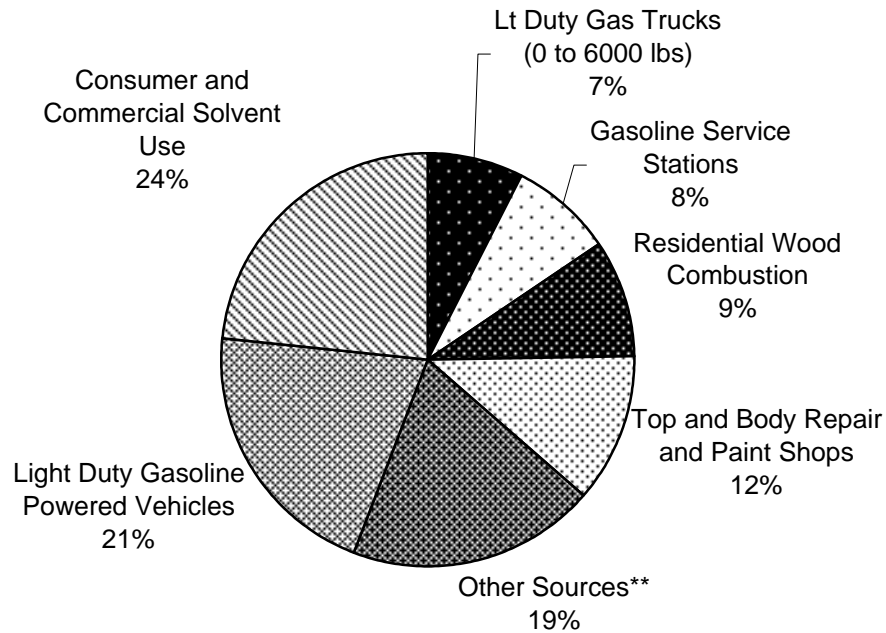
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-52

NAPHTHALENE
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Lt Duty Gas Trucks (0 to 6000 lbs)	1,234,244.27	X	X	X	X	X	X		X	X
5541	Gasoline Service Stations	1,352,047.02			X	X	X	X	X		X
-----	Residential Wood Combustion	1,547,809.04	X	X	X	X		X	X		X
7532	Top and Body Repair and Paint Shops	1,945,796.24	X	X	X	X		X		X	X
-----	Other Sources**	3,225,276.83	X	X	X	X	X	X	X	X	X
-----	Light Duty Gasoline Powered Vehicles	3,481,092.65	X	X	X	X	X	X	X	X	X
-----	Consumer and Commercial Solvent Use	3,919,735.82	X	X	X	X	X	X			X

Total Estimated Emissions: 16,706,002 lbs.

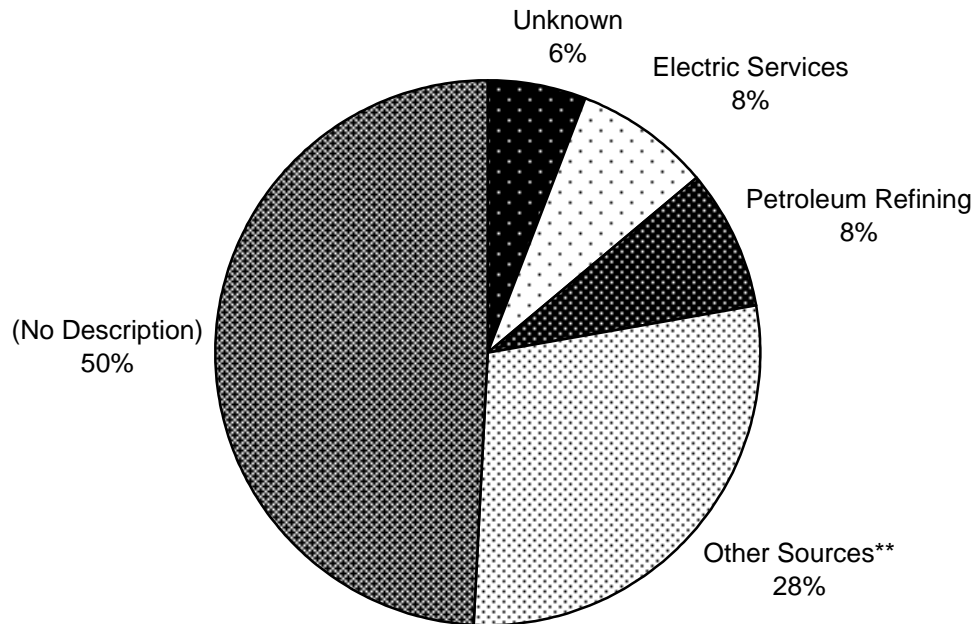
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-53

NICKEL
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
	Unknown	52,517.24	X			X				X	
4911	Electric Services	70,781.43	X	X	X	X	X		X		X
2911	Petroleum Refining	74,620.47	X	X		X			X		X
-----	Other Sources**	253,113.88	X	X	X	X	X	X	X	X	X
1061	(No Description)	438,067.00							X		

Total Estimated Emissions: 889,100 lbs.

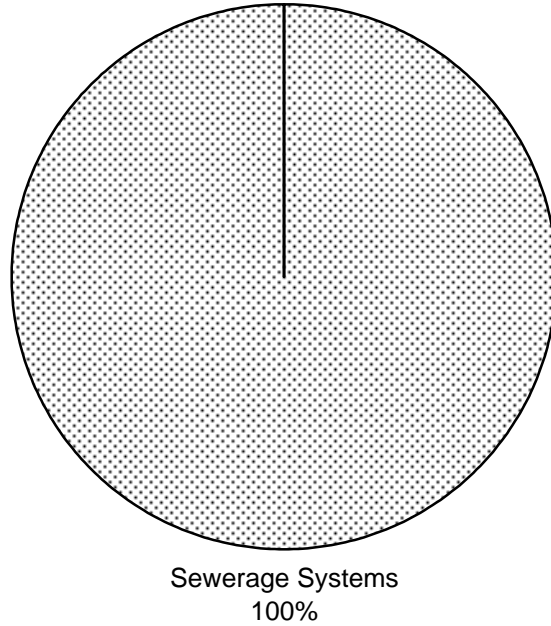
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-54

PARATHION
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
4952	Sewerage Systems	0.58									X

Total Estimated Emissions: 0.58 lbs.

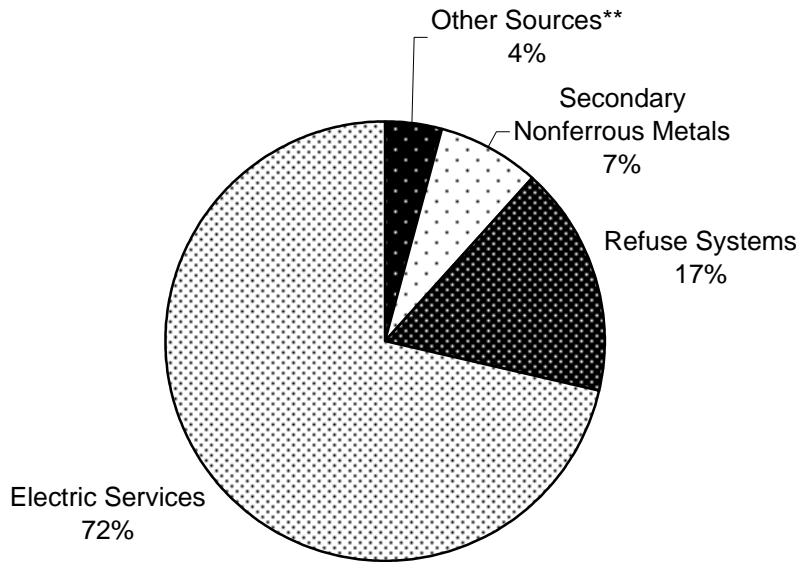
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-55

**POLYCHLORINATED BIPHENYLS
(PCBS)
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources**



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	6.83	X	X	X	X	X		X		X
3341	Secondary Nonferrous Metals	12.00					X				
4953	Refuse Systems	27.35	X		X	X	X		X		
4911	Electric Services	114.67							X		X

Total Estimated Emissions: 160.85 lbs.

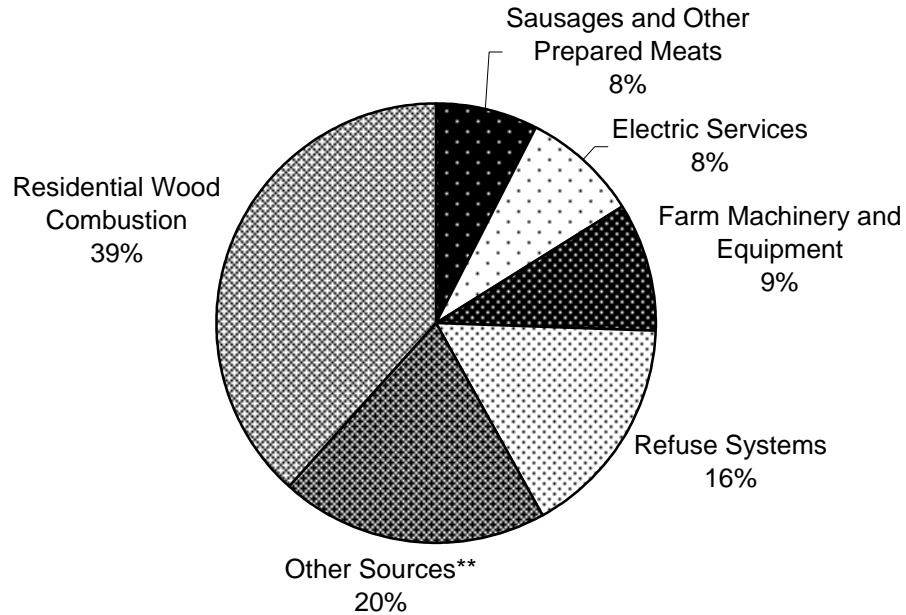
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-56

**POLYCHLORINATED DIBENZODIOXINS
(PCDD)
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources**



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
2013	Sausages and Other Prepared Meats	0.77	X			X					
4911	Electric Services	0.86	X	X	X	X			X		
3523	Farm Machinery and Equipment	0.94	X								
4953	Refuse Systems	1.65	X	X		X					
-----	Other Sources**	1.99	X	X	X	X			X		
-----	Residential Wood Combustion	3.87				X					

Total Estimated Emissions: 10.08 lbs.

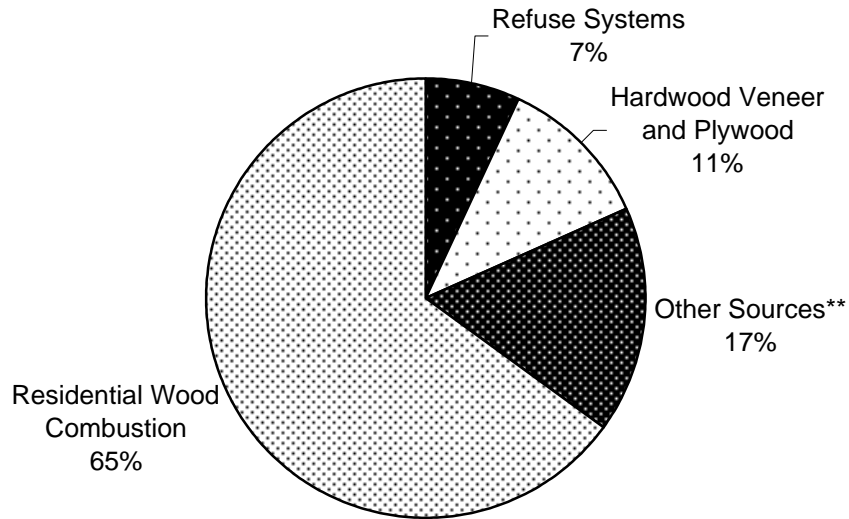
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-57

**POLYCHLORINATED DIBENZOFURANS
(PCDF)
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources**



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
4953	Refuse Systems	2.32	X	X	X	X					
2435	Hardwood Veneer and Plywood	3.71	X	X	X				X		
-----	Other Sources**	5.48	X	X	X	X			X		
-----	Residential Wood Combustion	21.35				X					

Total Estimated Emissions: 32.87 lbs.

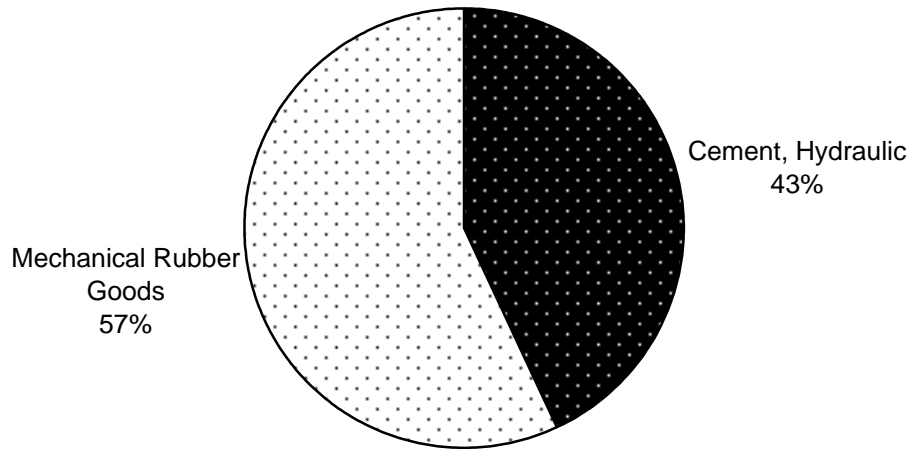
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-58

**PENTACHLOROPHENOL
(PCP)
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources**



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3241	Cement, Hydraulic	2.32		X					X		
3061	Mechanical Rubber Goods	3.08		X							

Total Estimated Emissions: 5 lbs.

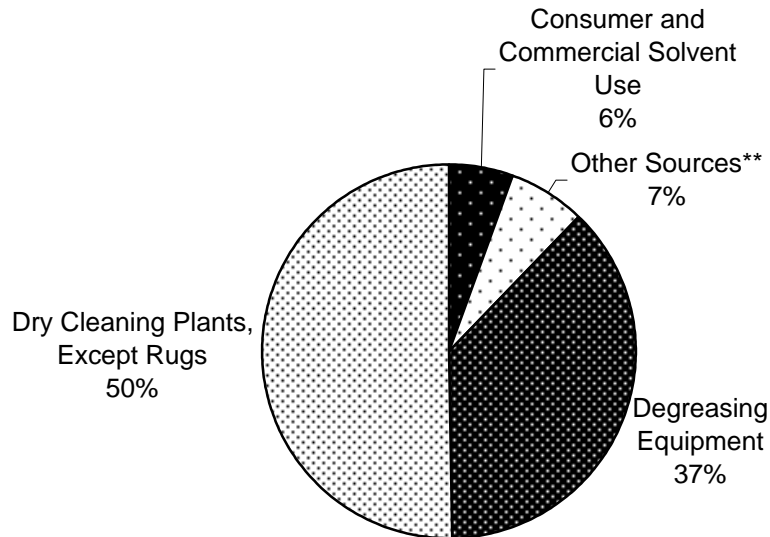
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-59

**TETRACHLOROETHYLENE
(PERCHLOROETHYLENE)
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources**



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Consumer and Commercial Solvent Use	2,398,274.15	X	X	X	X	X	X			X
-----	Other Sources**	2,899,460.04	X	X	X	X	X	X	X	X	X
-----	Degreasing Equipment	16,051,581.52	X	X	X			X		X	X
7216	Dry Cleaning Plants, Except Rugs	21,627,067.54	X	X	X	X	X		X		X

Total Estimated Emissions: 42,976,383 lbs.

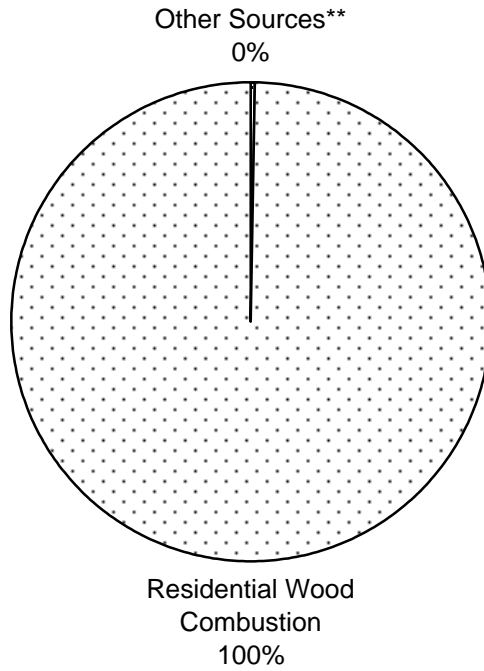
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure: 2-60

PHENANTHRENE
1998 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	6,926.62	X	X	X	X	X	X	X		X
-----	Residential Wood Combustion	1,829,600.70	X	X	X	X		X	X		X

Total Estimated Emissions: 1,836,527 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.