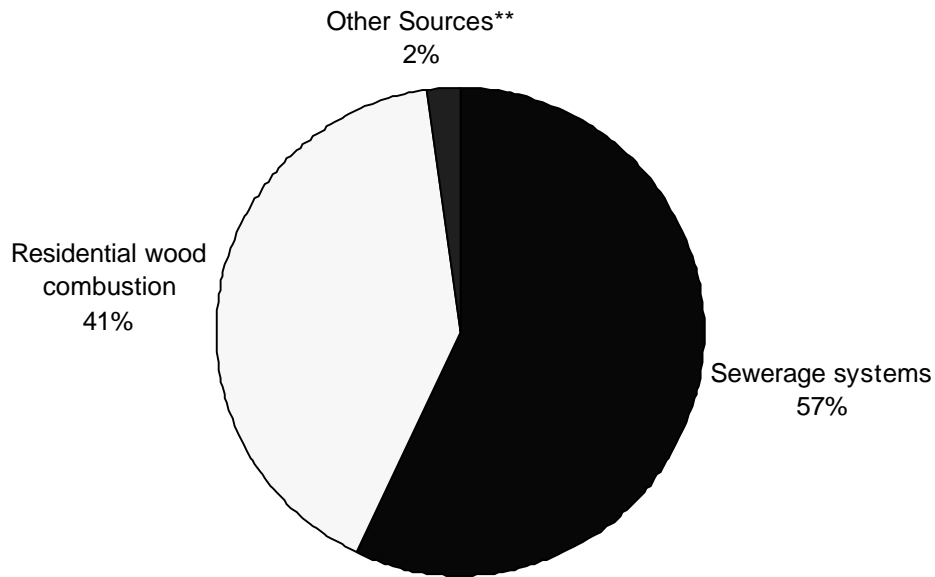


Figure 2-4

ACENAPHTHEN
1999 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	73,734.58	x	x	x	x			x		
-----	Residential wood combustion	53,297.09	x	x	x	x		x	x		x
-----	Other Sources**	2,714.76									

Total Estimated Emissions: 129,746 lbs.

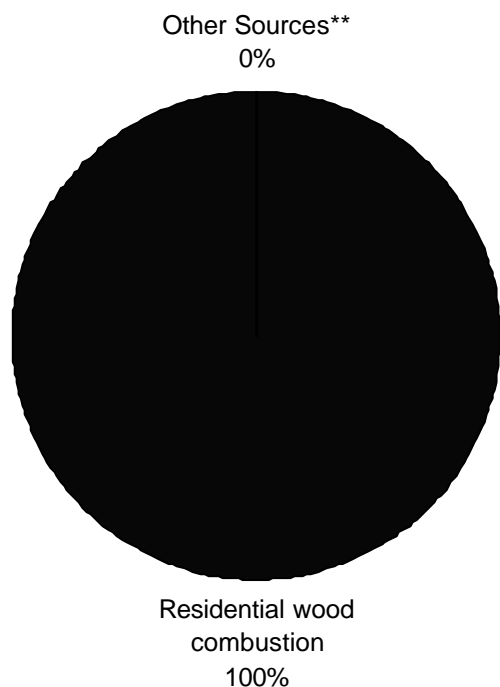
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-5

ACENAPHTHYL
1999 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	807,737.43	x	x	x	x		x	x		x
-----	Other Sources**	618.04									

Total Estimated Emissions: 808,355 lbs.

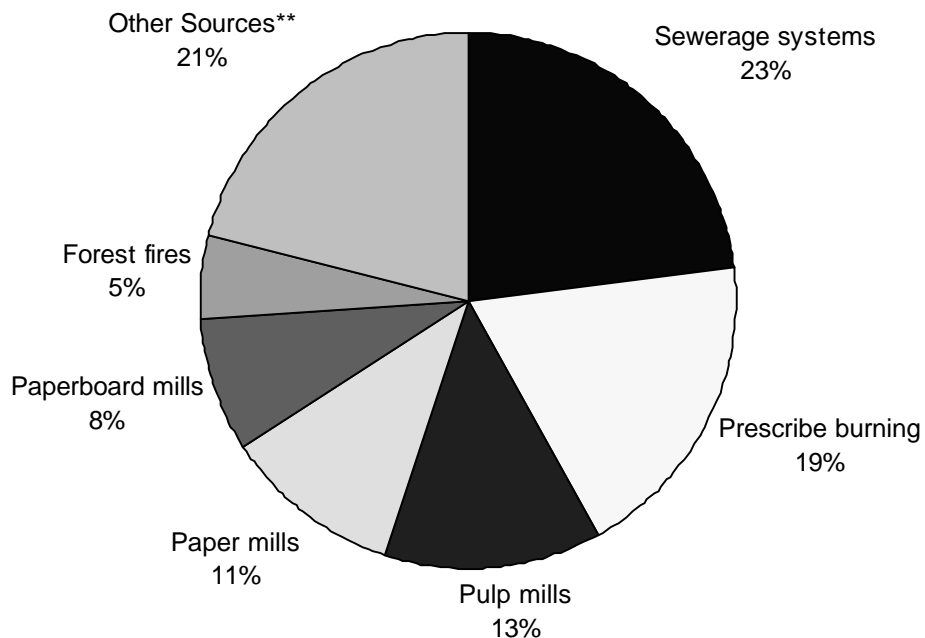
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-6

ACETALDEHYDE
1999 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	741,276.08	x	x	x	x	x				x
-----	Prescribe burning	604,270.16		x		x					
2611	Pulp mills	418,226.83				x	x	x	x		x
2621	Paper mills	355,384.72	x		x	x	x		x	x	x
2631	Paperboard mills	250,840.74	x	x				x			x
-----	Forest fires	161,069.95				x	x				x
-----	Other Sources**	682,406.53									

Total Estimated Emissions: 3,213,475 lbs.

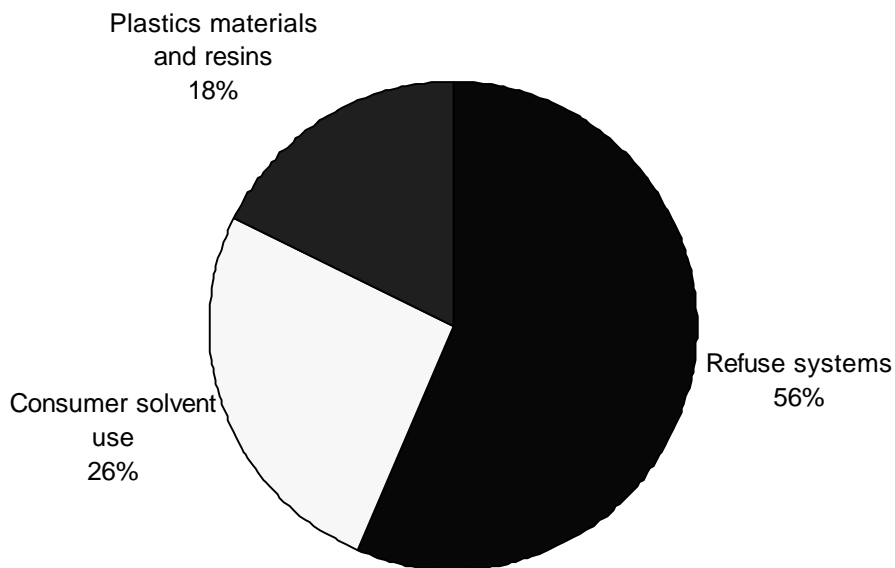
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-7

ACETAMIDE
1999 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	16.00						x			
-----	Consumer solvent use	7.32	x	x	x	x		x	x		x
2821	Plastics materials and resins	5.00						x			

Total Estimated Emissions: 28 lbs.

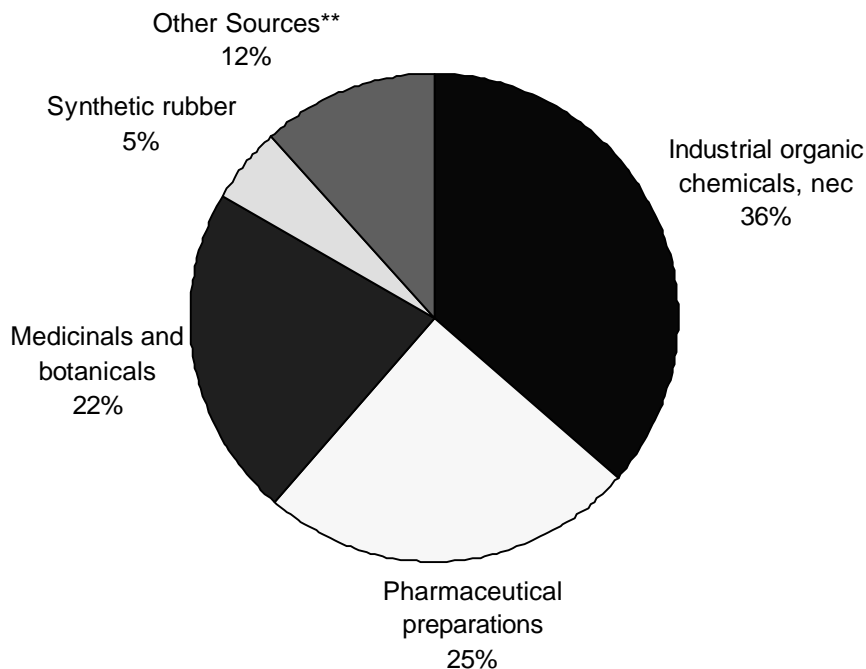
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-8

ACETONITRILE
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
2869	Industrial organic chemicals, nec	119,920.20	x					x			x
2834	Pharmaceutical preparations	82,117.00	x	x	x		x	x			
2833	Medicinals and botanicals	72,264.90		x			x				
2822	Synthetic rubber	16,582.00							x		
-----	Other Sources**	38,190.87									

Total Estimated Emissions: 329,075 lbs.

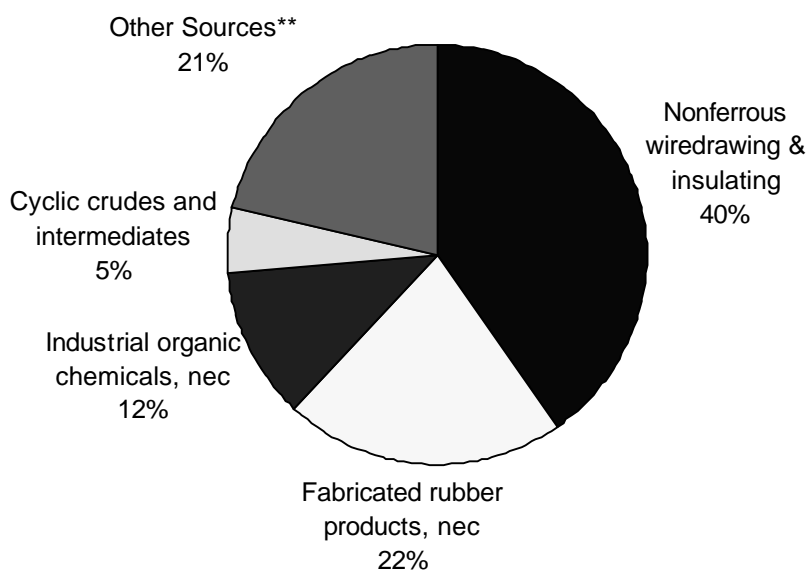
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-9

ACETOPHENONE
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3357	Nonferrous wiredrawing & insulating	14,534.00	x	x							
3069	Fabricated rubber products, nec	7,780.00		x							
2869	Industrial organic chemicals, nec	4,163.34	x				x				
2865	Cyclic crudes and intermediates	1,860.00						x			
-----	Other Sources**	7,674.40									

Total Estimated Emissions: 36,012 lbs.

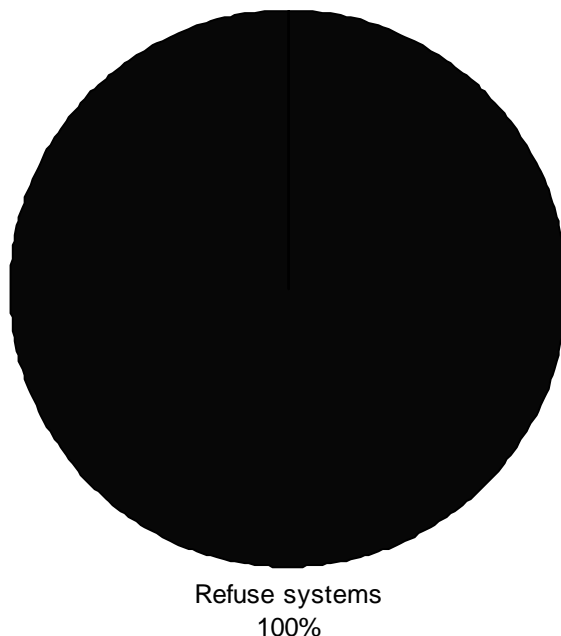
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-10

ACETYLAMIN,2
1999 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	2.00						x			

Total Estimated Emissions: 2 lbs.

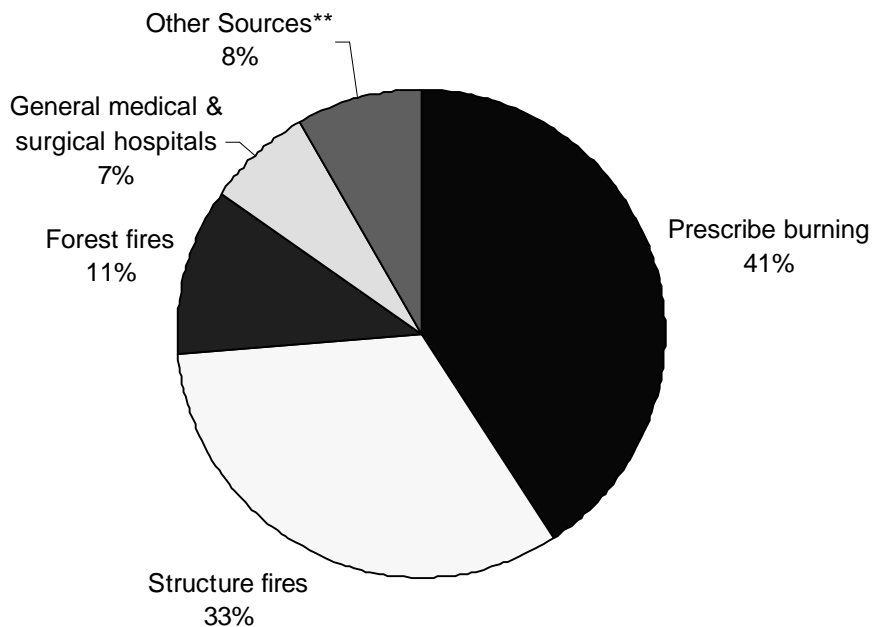
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-11

ACROLEIN
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Prescribe burning	627,582.45		x		x					
-----	Structure fires	506,718.32	x	x	x	x	x				
-----	Forest fires	167,283.91				x	x				x
8062	General medical & surgical hospitals	107,971.29	x	x	x	x		x	x		
-----	Other Sources**	128,536.88									

Total Estimated Emissions: 1,538,093 lbs.

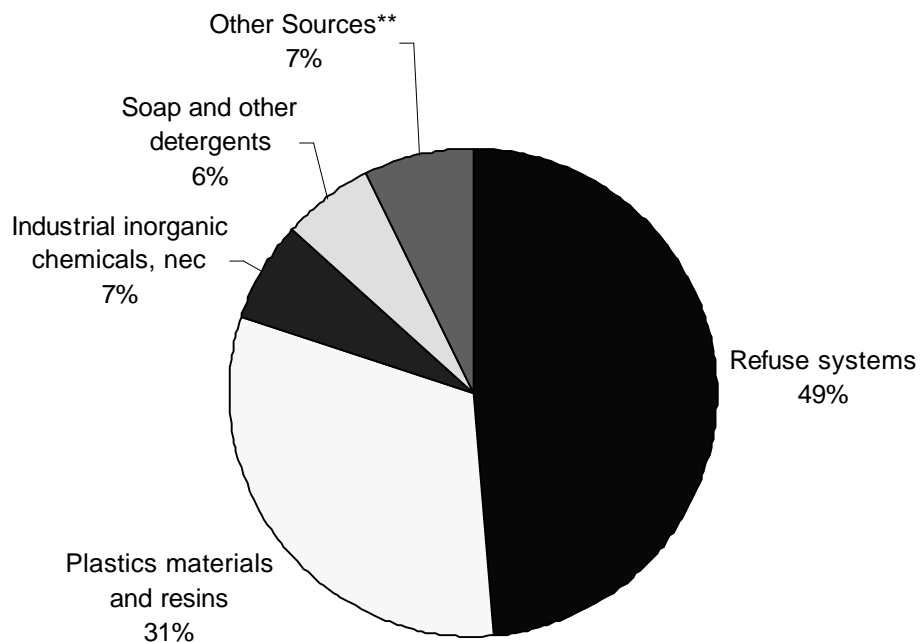
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-12

ACRYLAMIDE
1999 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	2,281.00						x			
2821	Plastics materials and resins	1,468.00	x					x			
2819	Industrial inorganic chemicals, nec	309.00							x		
2841	Soap and other detergents	287.00							x		
-----	Other Sources**	344.40									

Total Estimated Emissions: 4,689 lbs.

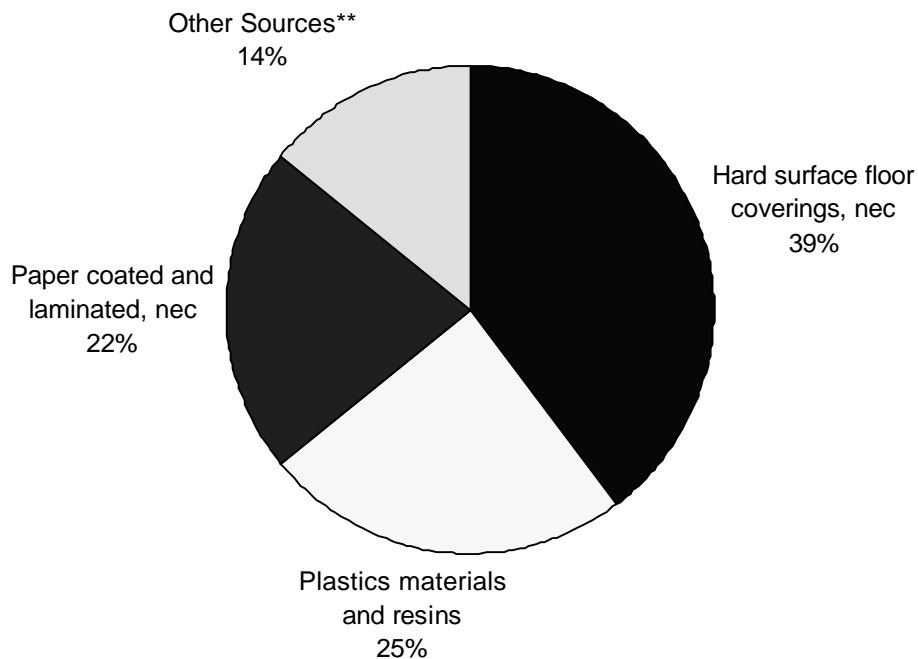
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-13

ACRYLIC ACID
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3996	Hard surface floor coverings, nec	23,572.00	x								
2821	Plastics materials and resins	14,620.85	x	x				x			x
2672	Paper coated and laminated, nec	12,807.24				x	x				
-----	Other Sources**	8,469.75									

Total Estimated Emissions: 59,470 lbs.

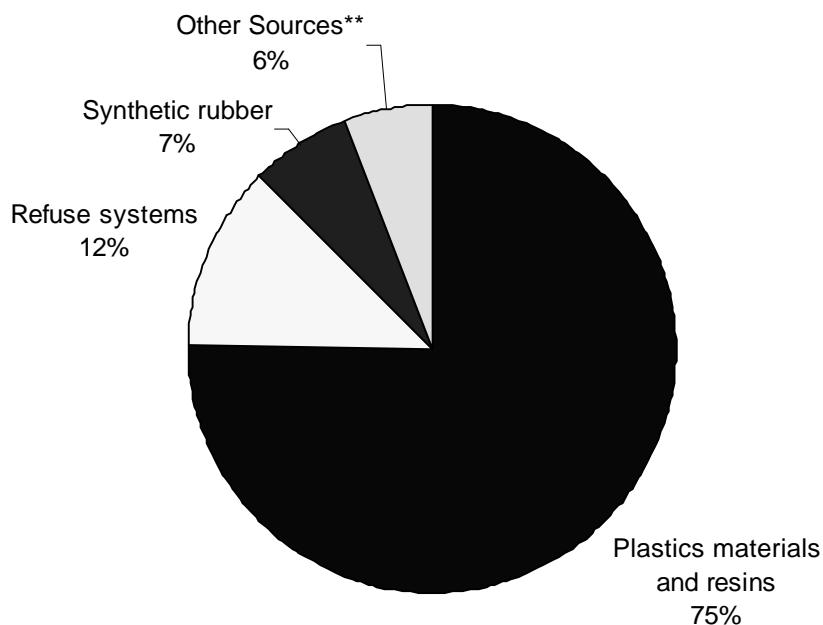
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-14

ACRYLONITRIL
1999 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	371,636.58	x	x			x	x		x	
4953	Refuse systems	59,747.15	x	x	x	x	x	x		x	x
2822	Synthetic rubber	32,741.19						x	x		x
-----	Other Sources**	28,990.06									

Total Estimated Emissions: 493,115 lbs.

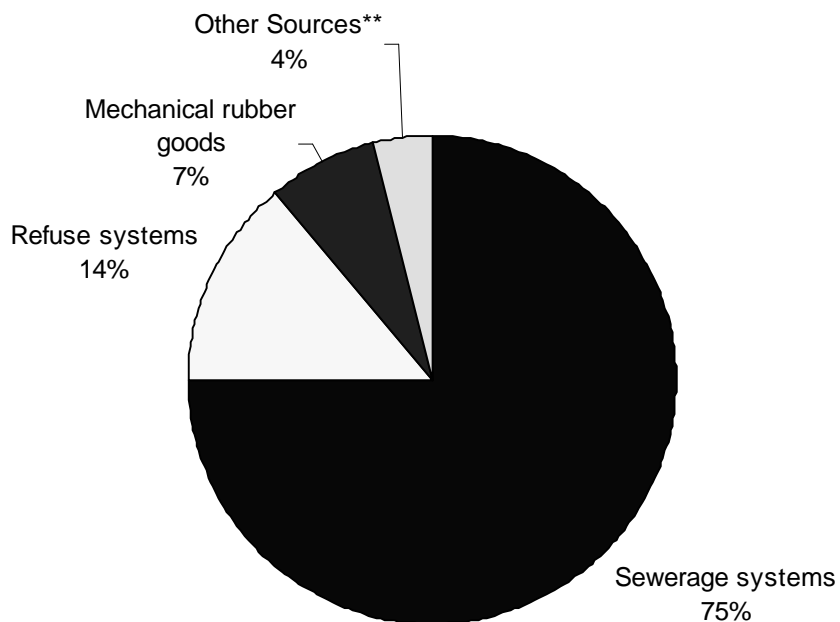
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-15

ALLYL CHLORI
1999 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	135.73	x								x
4953	Refuse systems	25.00						x			
3061	Mechanical rubber goods	12.96		x							
-----	Other Sources**	7.00									

Total Estimated Emissions: 181 lbs.

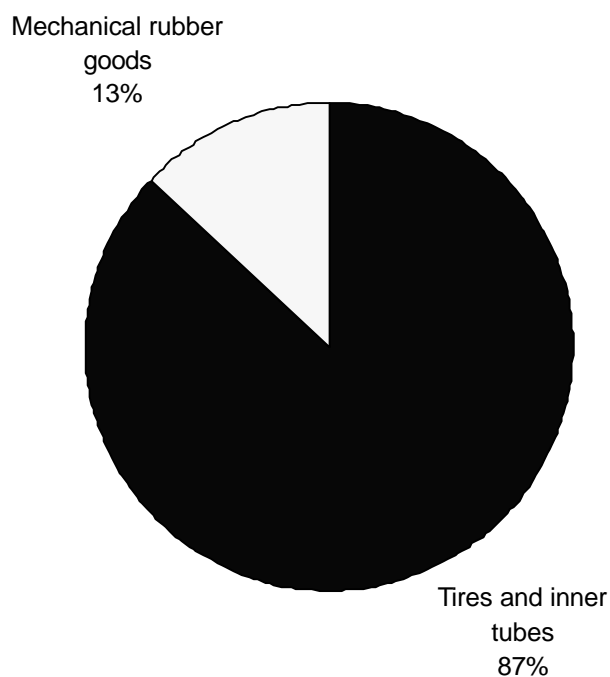
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-16

AMINOBIPE,4
1999 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	2.80					x				
3061	Mechanical rubber goods	0.42		x							

Total Estimated Emissions: 3 lbs.

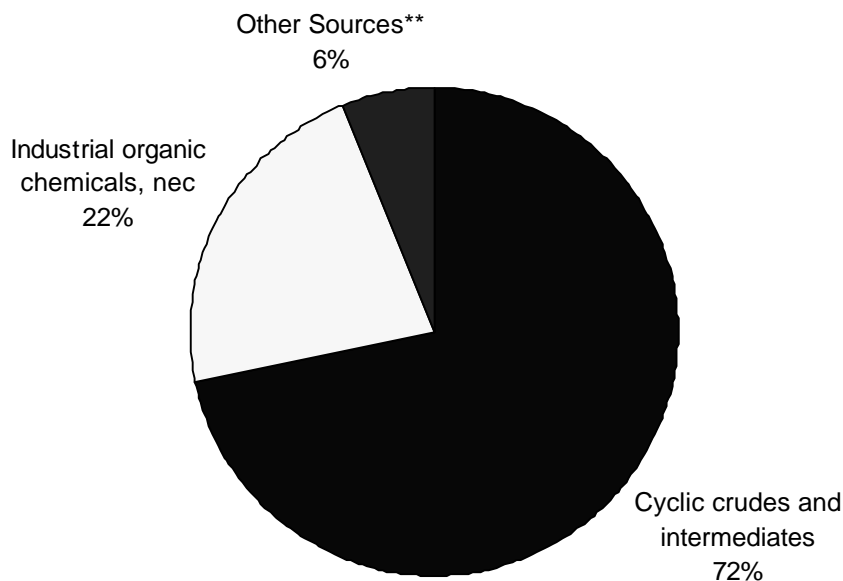
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-17

ANILINE
1999 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	27,790.00	x				x	x			
2869	Industrial organic chemicals, nec	8,607.00	x				x	x	x		
-----	Other Sources**	2,335.15									

Total Estimated Emissions: 38,732 lbs.

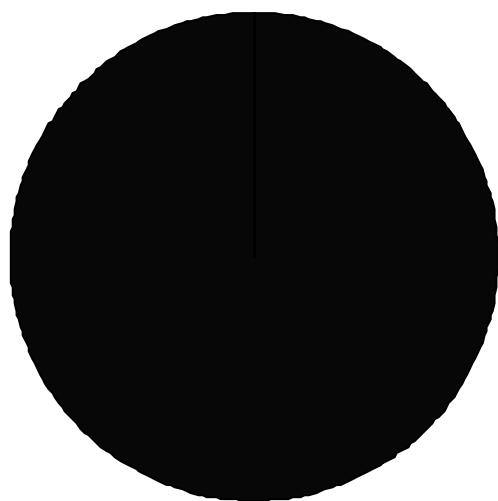
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-18

ANISIDINE, O-
1999 Estimated Emissions* by Source Category for
Point and Area Sources



Mechanical rubber goods
 100%

SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3061	Mechanical rubber goods	1.27		x							

Total Estimated Emissions: 1 lbs.

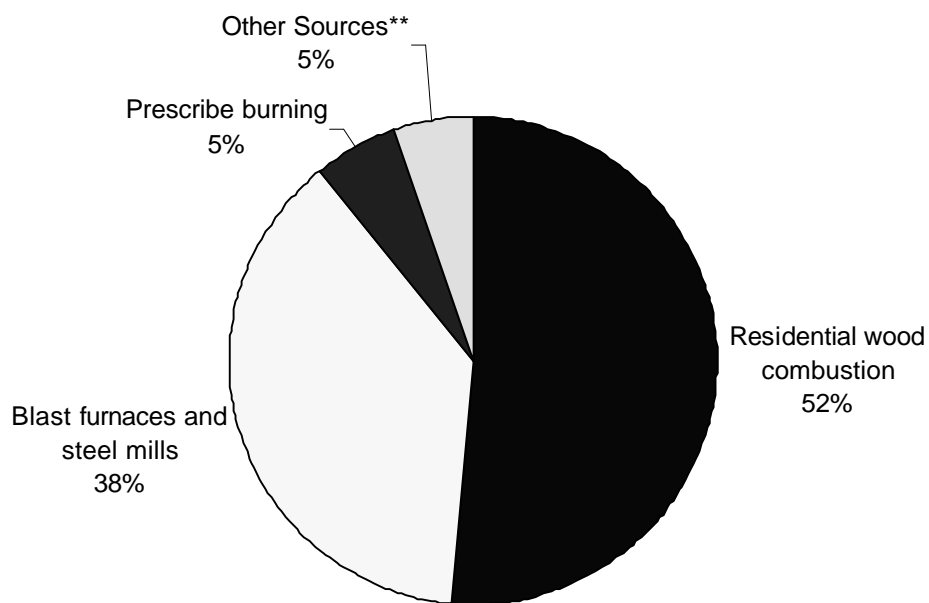
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-19

ANTHRACENE
1999 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	66,449.88	x	x	x	x		x	x		x
3312	Blast furnaces and steel mills	49,285.06	x	x	x	x	x	x	x		
-----	Prescribe burning	6,874.63				x					
-----	Other Sources**	7,015.93									

Total Estimated Emissions: 129,625 lbs.

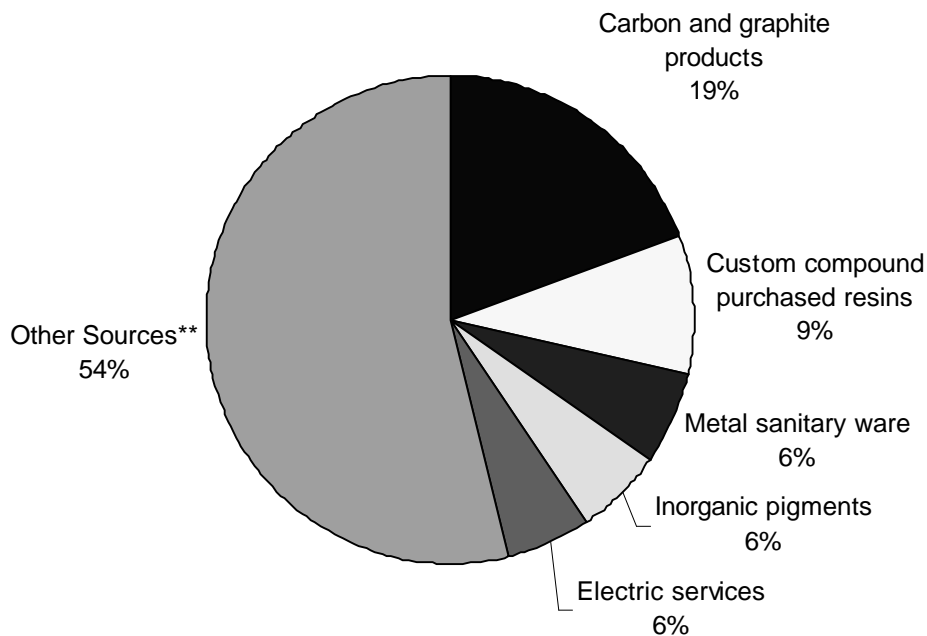
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-20

ANTIMONY
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3624	Carbon and graphite products	14,626.66					x				
3087	Custom compound purchased resins	7,071.61		x				x			
3431	Metal sanitary ware	4,438.23						x			x
2816	Inorganic pigments	4,396.02				x	x	x			
4911	Electric services	4,273.67	x	x	x	x	x	x		x	
-----	Other Sources**	40,710.20									

Total Estimated Emissions: 75,516 lbs.

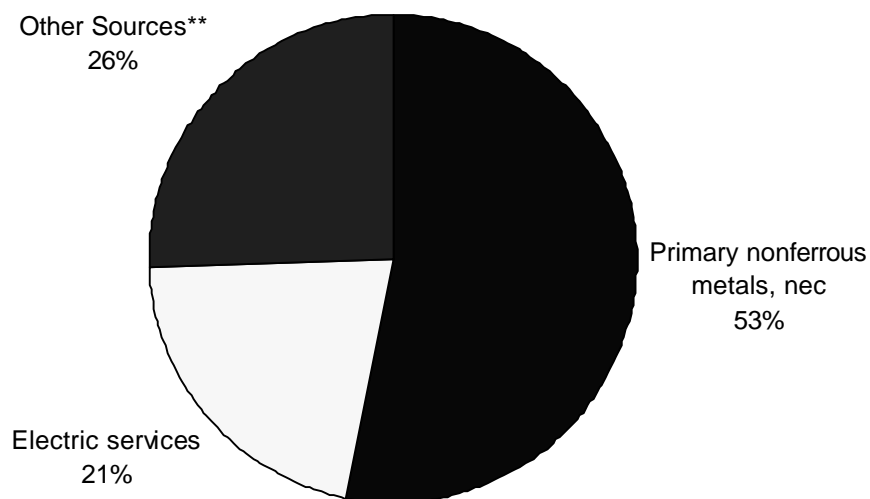
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-21

ARSENIC
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3339	Primary nonferrous metals, nec	153,865.53	x		x		x		x		
4911	Electric services	61,549.52	x	x	x	x	x	x	x	x	x
-----	Other Sources**	74,244.51									

Total Estimated Emissions: 289,660 lbs.

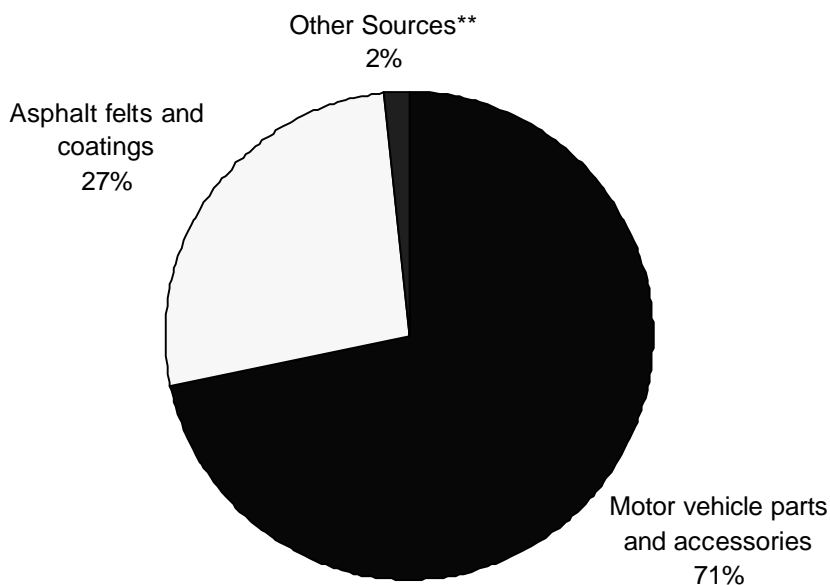
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-22

ASBESTOS
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3714	Motor vehicle parts and accessories	1,361.00						x			
2952	Asphalt felts and coatings	509.00	x					x			
-----	Other Sources**	32.60									

Total Estimated Emissions: 1,903 lbs.

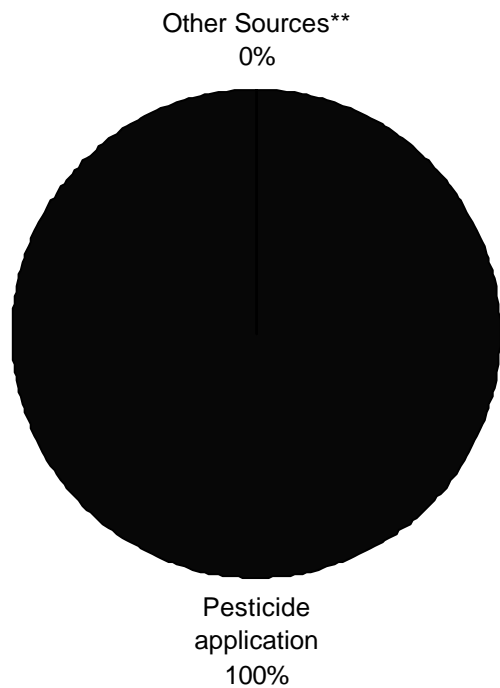
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-23

ATRAZINE
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Pesticide application	7,064,291.70	x	x	x	x	x	x			x
-----	Other Sources**	314.00									

Total Estimated Emissions: 7,064,606 lbs.

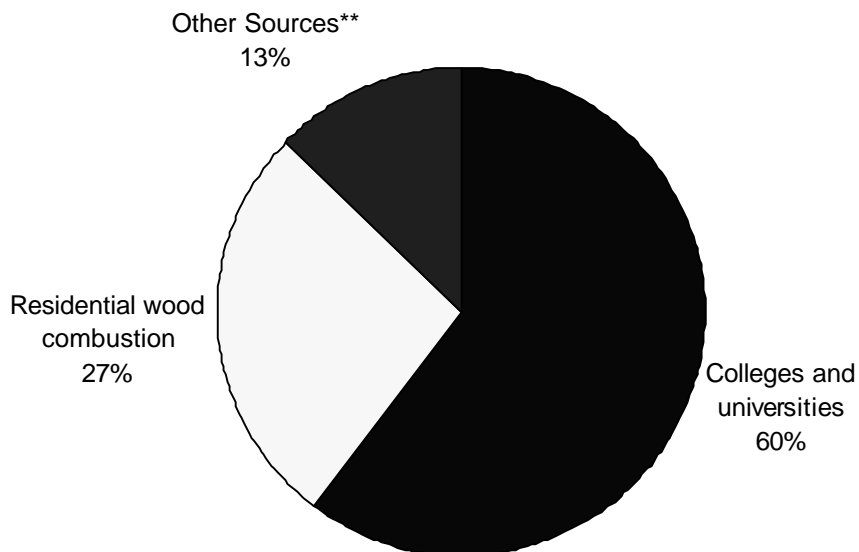
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-24

BENZ(A)ANTHR
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
8221	Colleges and universities	181,315.69	x	x	x	x			x		
-----	Residential wood combustion	80,840.92	x	x	x	x		x	x		x
-----	Other Sources**	38,646.98									

Total Estimated Emissions: 300,804 lbs.

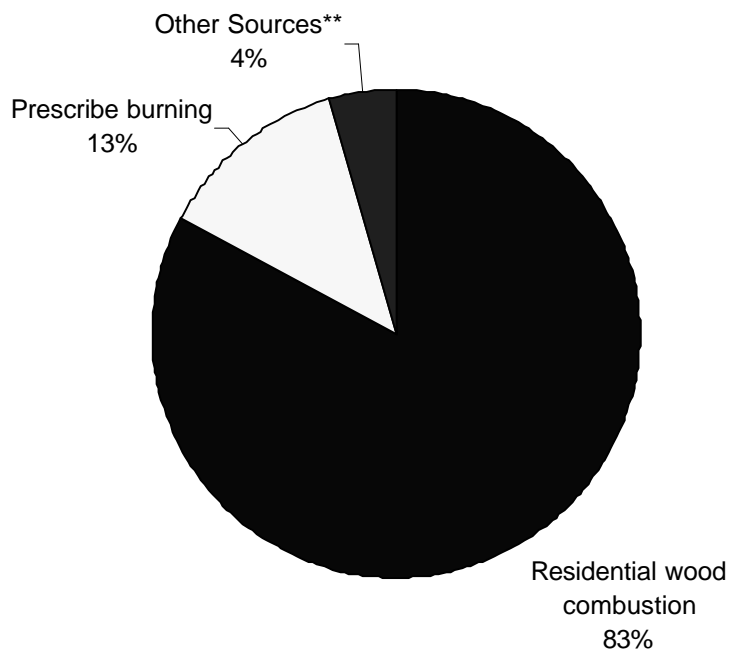
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-25

BENZ(GHI)PE
1999 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	45,009.41	x	x	x	x		x	x		x
-----	Prescribe burning	6,984.63				x					
-----	Other Sources**	2,433.40									

Total Estimated Emissions: 54,427 lbs.

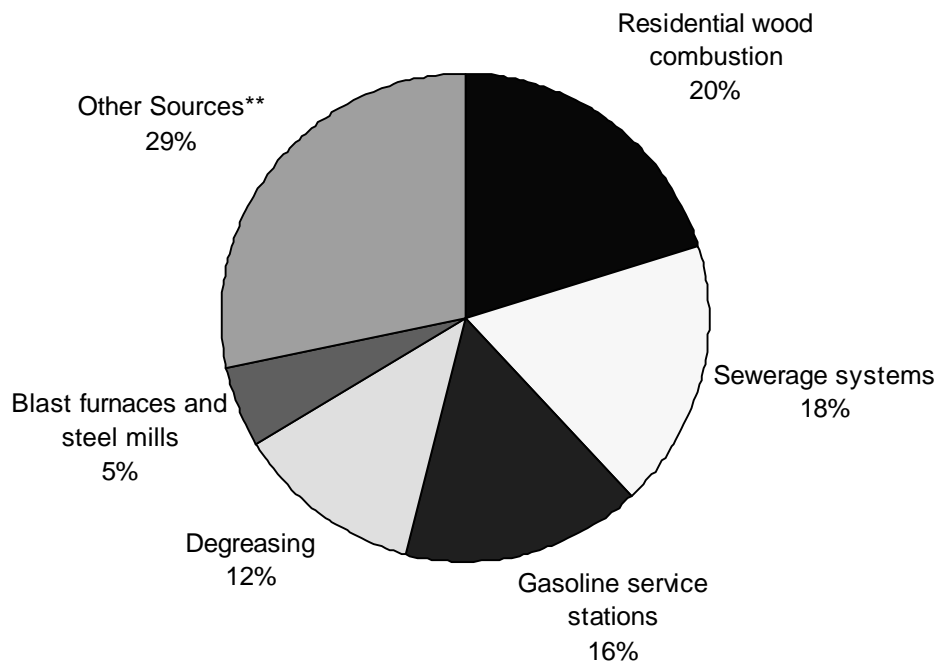
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-26

BENZENE
1999 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	7,796,476.81		x	x	x		x	x		x
4952	Sewerage systems	6,867,263.12	x	x	x	x	x		x	x	x
5541	Gasoline service stations	6,167,970.66	x	x		x	x	x	x	x	x
-----	Degreasing	4,782,983.89	x	x	x	x	x	x		x	x
3312	Blast furnaces and steel mills	2,076,855.69	x	x	x	x	x	x	x		
-----	Other Sources**	10,913,161.88									

Total Estimated Emissions: 38,604,712 lbs.

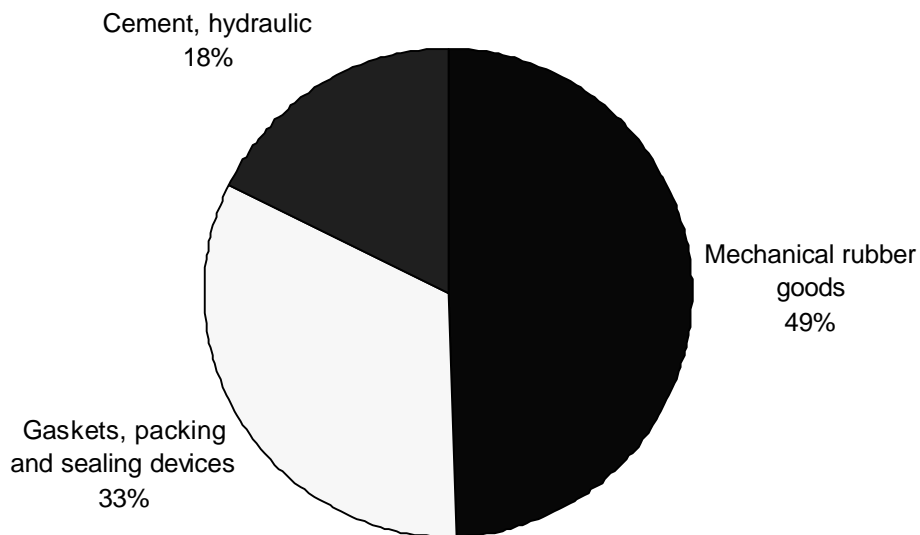
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-27

BENZIDINE
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3061	Mechanical rubber goods	5.56		x							
3053	Gaskets, packing and sealing devices	3.66					x				
3241	Cement, hydraulic	2.00						x			

Total Estimated Emissions: 11 lbs.

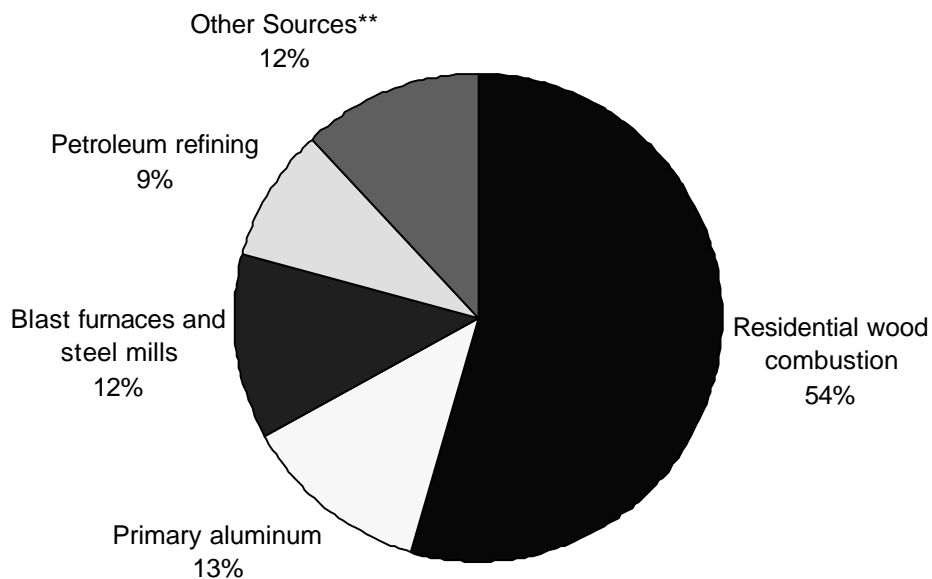
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-28

BENZO(A)PYRE
1999 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	25,272.52	x	x	x	x		x	x		x
3334	Primary aluminum	5,834.14		x							
3312	Blast furnaces and steel mills	5,705.41	x	x	x	x			x		
2911	Petroleum refining	4,141.77	x	x	x	x					
-----	Other Sources**	5,525.09									

Total Estimated Emissions: 46,479 lbs.

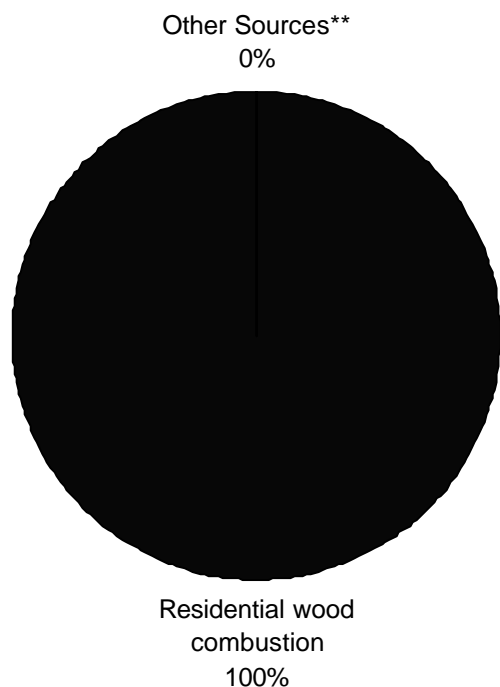
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-29

BENZO(B)FLUO
1999 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	28,909.05	x	x	x	x		x	x		x
-----	Other Sources**	32.47									

Total Estimated Emissions: 28,942 lbs.

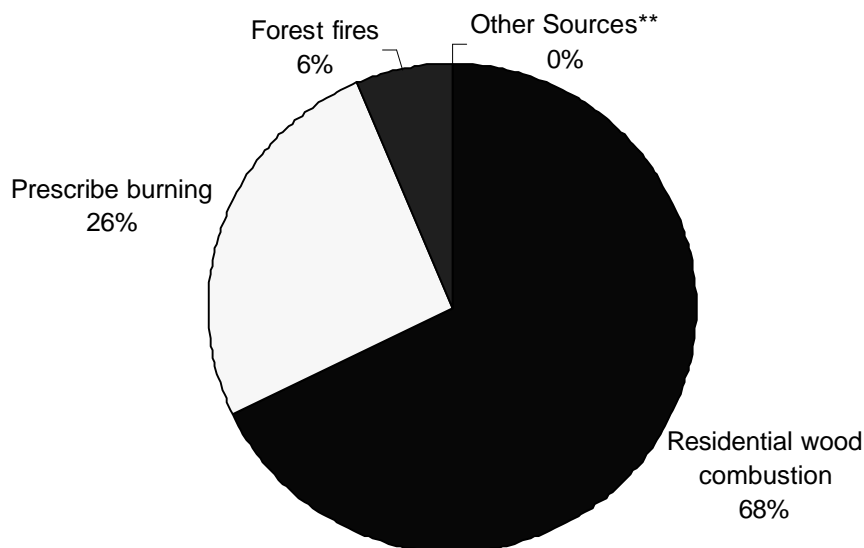
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-30

BENZO(K)FLUO
1999 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	9,364.89	x	x	x	x		x	x		x
-----	Prescribe burning	3,574.81				x					
-----	Forest fires	858.26				x					x
-----	Other Sources**	9.59									

Total Estimated Emissions: 13,808 lbs.

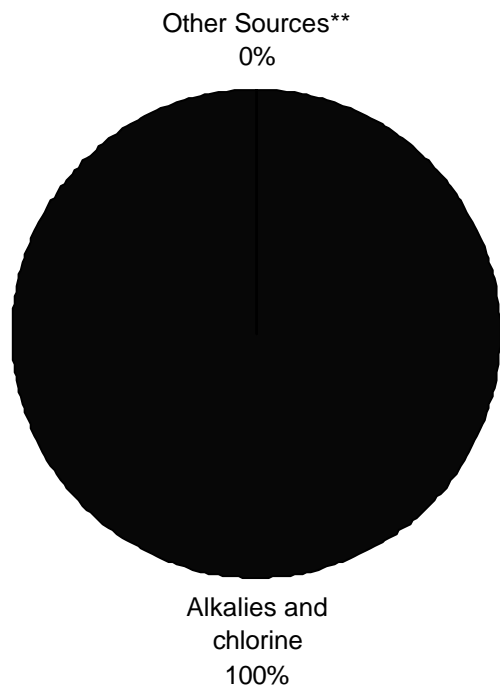
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-31

BENZOTRICHLO
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
2812	Alkalies and chlorine	1,643.00					x				
-----	Other Sources**	2.00									

Total Estimated Emissions: 1,645 lbs.

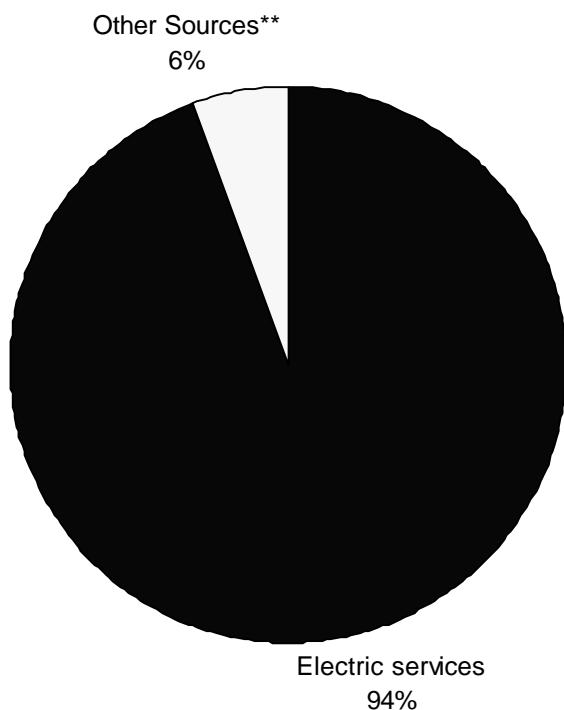
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-32

BENZYL CHLOR
1999 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	91,408.01	x	x	x	x					
-----	Other Sources**	5,422.09									

Total Estimated Emissions: 96,830 lbs.

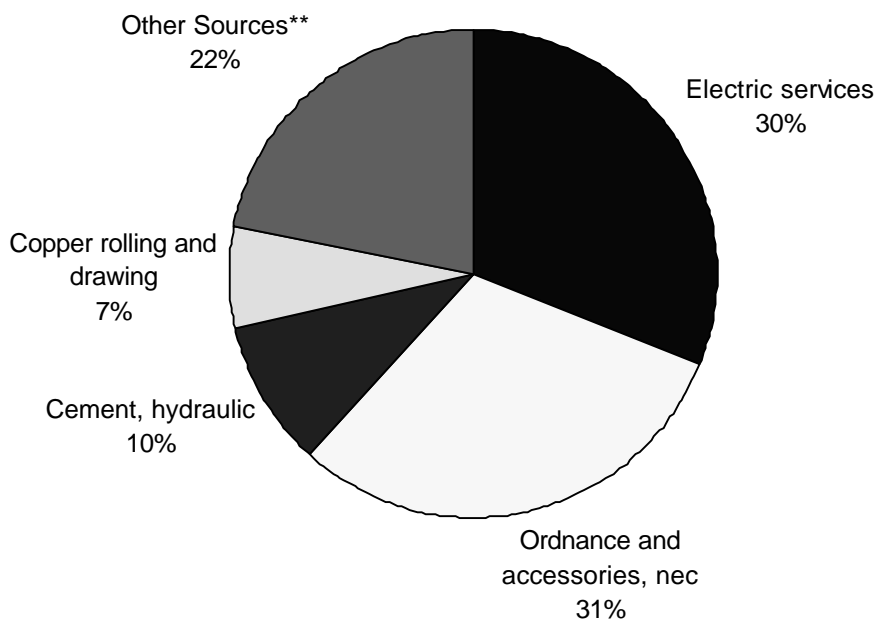
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-33

BERYLLIUM
1999 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	3,413.07	x	x	x	x		x	x		x
3489	Ordnance and accessories, nec	3,348.85	x			x					
3241	Cement, hydraulic	1,052.17	x	x	x		x		x		
3351	Copper rolling and drawing	721.03	x					x			
-----	Other Sources**	2,413.87									

Total Estimated Emissions: 10,949 lbs.

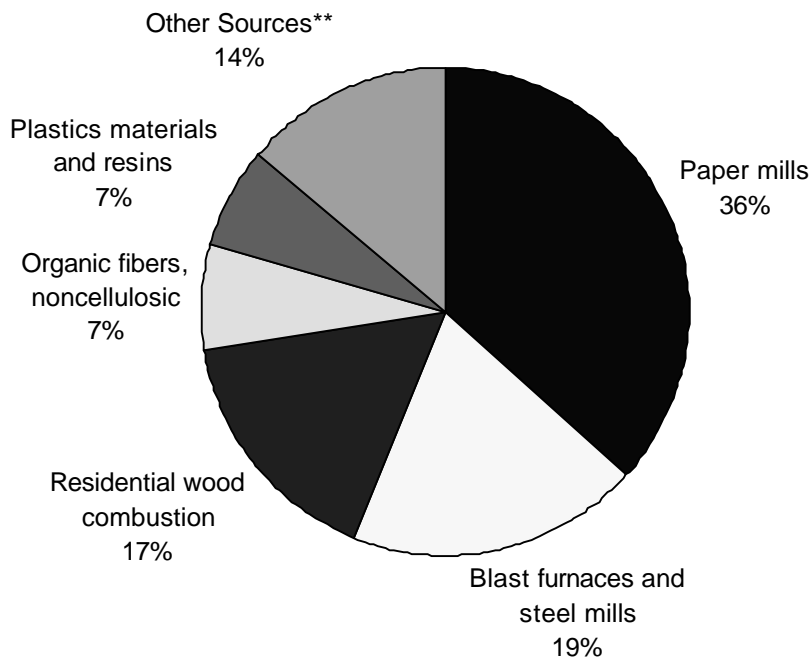
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-34

BIPHENYL
1999 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	56,953.24			x		x				x
3312	Blast furnaces and steel mills	30,408.63		x				x			
-----	Residential wood combustion	25,747.14	x			x			x		
2824	Organic fibers, noncellulosic	10,805.00							x		
2821	Plastics materials and resins	10,376.26	x	x				x	x		
-----	Other Sources**	21,491.88									

Total Estimated Emissions: 155,782 lbs.

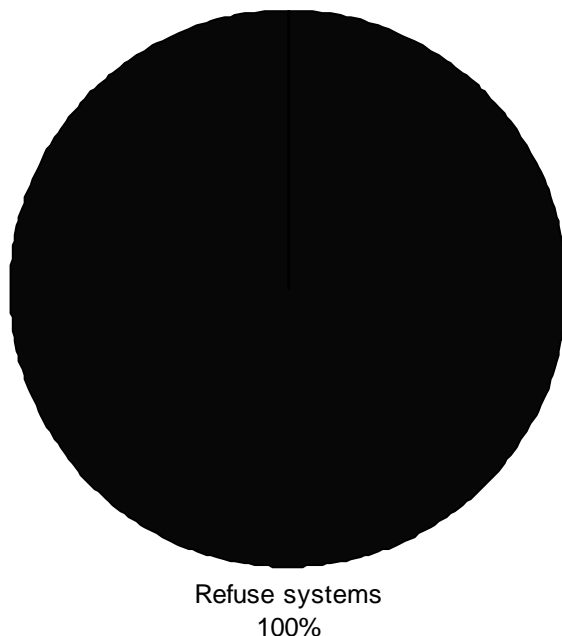
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-35

**BIS(2-CLETH)
1999 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	115.30					x	x			

Total Estimated Emissions: 115 lbs.

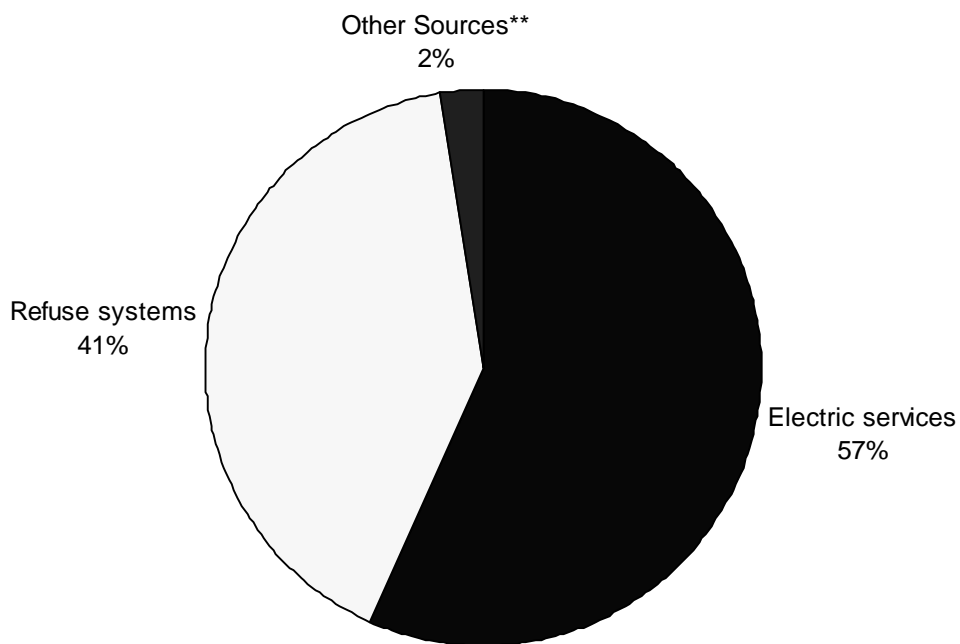
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-36

BROMOFORM
1999 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	5,143.93	x	x	x	x					
4953	Refuse systems	3,711.48	x				x	x	x		
-----	Other Sources**	217.75									

Total Estimated Emissions: 9,073 lbs.

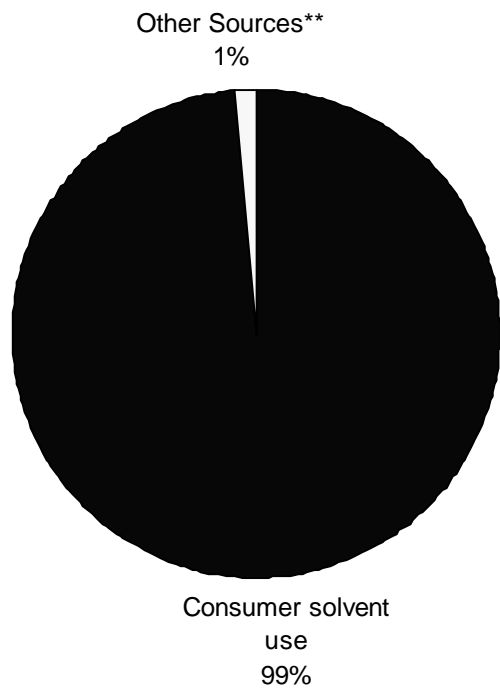
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-37

BROMOMETH
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Consumer solvent use	9,757,010.21	x	x	x	x			x		
-----	Other Sources**	142,463.92									

Total Estimated Emissions: 9,899,474 lbs.

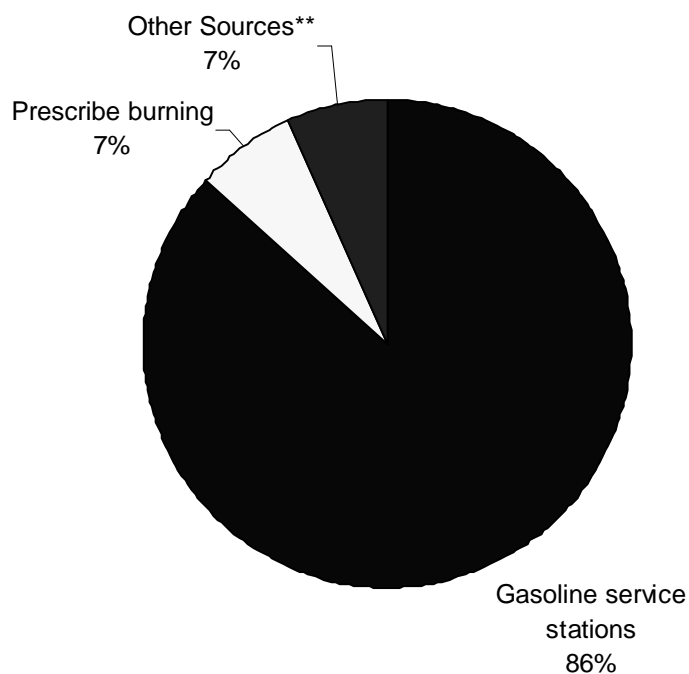
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-38

BUTADIENE,13
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
5541	Gasoline service stations	7,577,751.98					x			x	
-----	Prescribe burning	599,459.82		x		x					
-----	Other Sources**	575,448.76									

Total Estimated Emissions: 8,752,661 lbs.

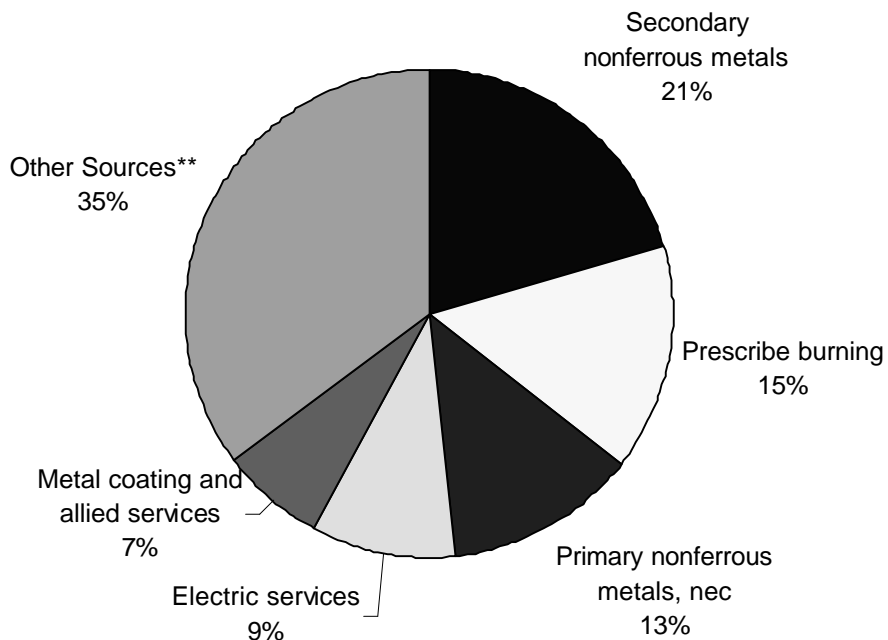
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-39

CADMIUM
1999 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	19,962.42	x	x	x	x	x			x	x
-----	Prescribe burning	14,491.72				x					
3339	Primary nonferrous metals, nec	12,200.56	x		x		x		x	x	
4911	Electric services	9,169.83	x	x	x	x	x		x	x	x
3479	Metal coating and allied services	6,829.26	x	x	x	x			x		x
-----	Other Sources**	34,035.53									

Total Estimated Emissions: 96,689 lbs.

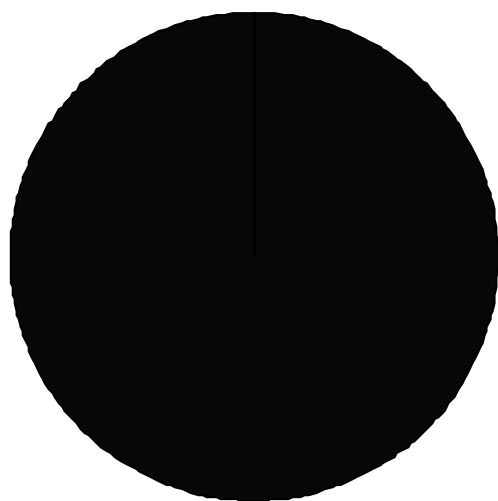
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-40

CALCIUM CYAN
1999 Estimated Emissions* by Source Category for
Point and Area Sources



Secondary
nonferrous metals
100%

SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3341	Secondary nonferrous metals	499.00	x								

Total Estimated Emissions: 499 lbs.

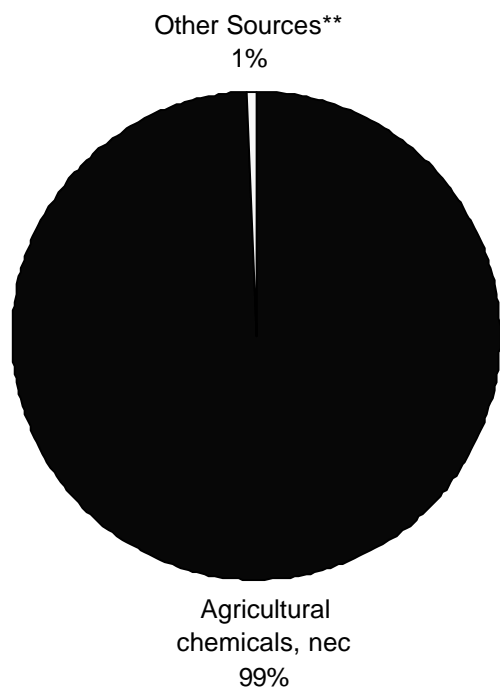
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-41

CAPTAN
1999 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	3,705.00						x			
-----	Other Sources**	25.27									

Total Estimated Emissions: 3,730 lbs.

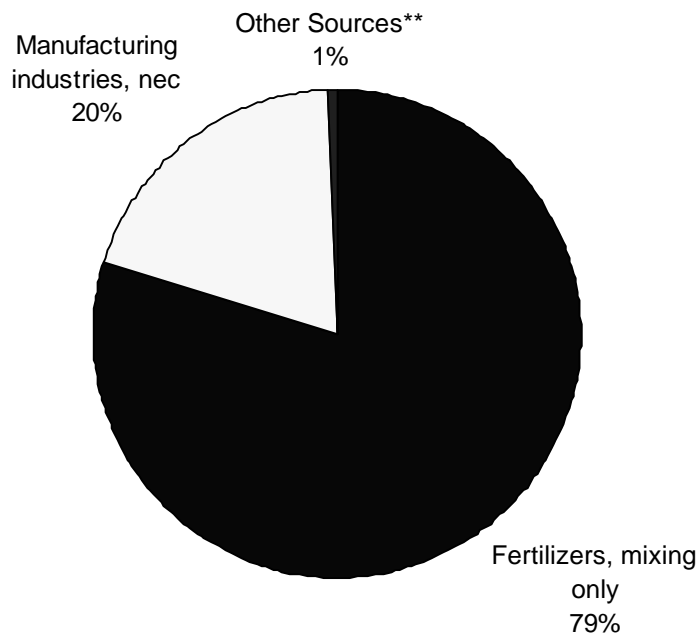
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-42

CARBARYL
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
2875	Fertilizers, mixing only	750.00						x			
3999	Manufacturing industries, nec	185.00						x			
-----	Other Sources**	5.00									

Total Estimated Emissions: 940 lbs.

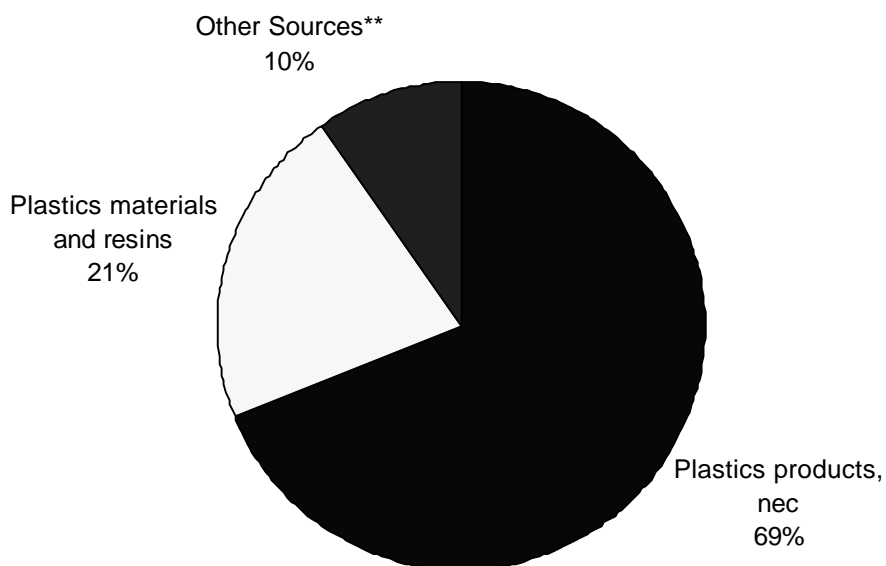
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-43

CARBON DISUL
1999 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	3,592,495.00	x					x			
2821	Plastics materials and resins	1,117,479.00		x			x				x
-----	Other Sources**	512,285.26									

Total Estimated Emissions: 5,222,259 lbs.

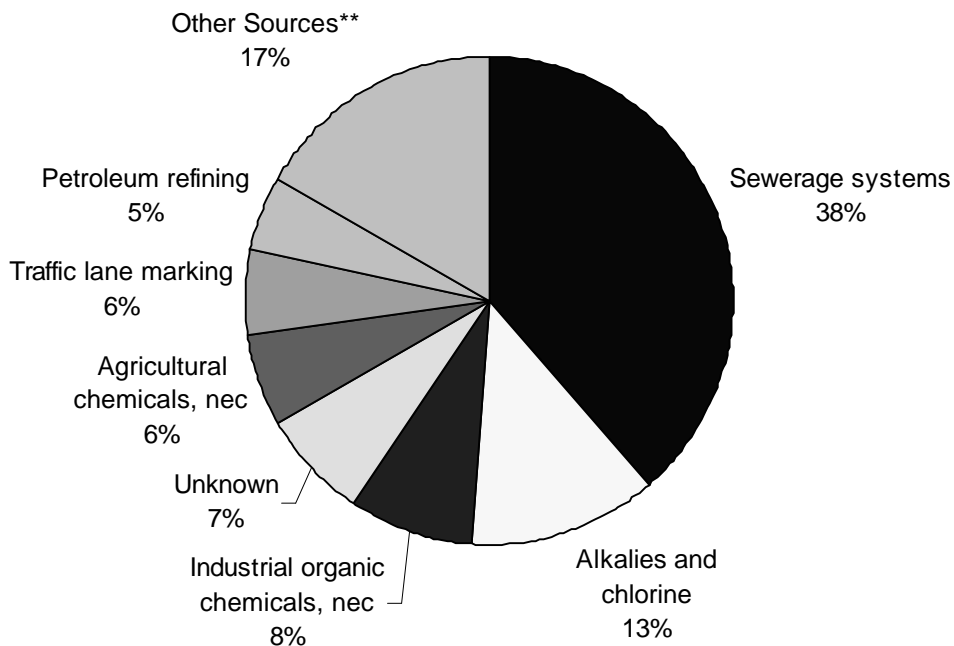
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-44

CARBON TETRA
1999 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	30,966.22	x	x	x	x	x		x		x
2812	Alkalies and chlorine	10,053.69					x				x
2869	Industrial organic chemicals, nec	6,577.79					x	x		x	
	Unknown	5,841.77	x				x				
2879	Agricultural chemicals, nec	4,970.00						x			
-----	Traffic lane marking	4,460.45	x					x	x		x
2911	Petroleum refining	4,019.00						x			
-----	Other Sources**	13,348.74									

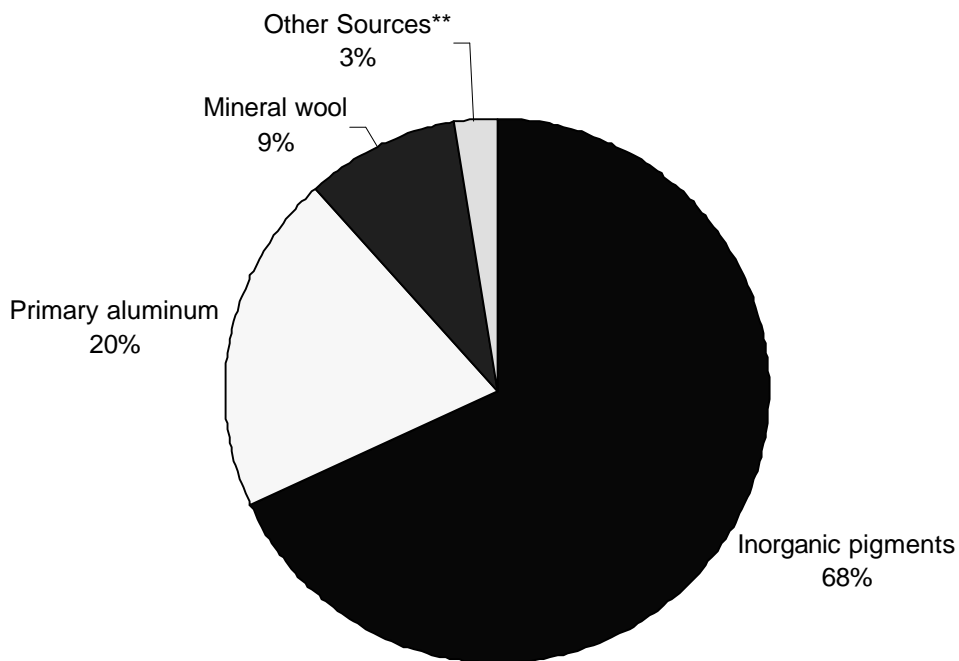
Total Estimated Emissions: 80,238 lbs.

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

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

Figure 2-45

CARBONYL SUL
1999 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	5,600,000.00						x			
3334	Primary aluminum	1,663,706.00		x			x				
3296	Mineral wool	734,334.00		x		x					
-----	Other Sources**	214,359.92									

Total Estimated Emissions: 8,212,400 lbs.

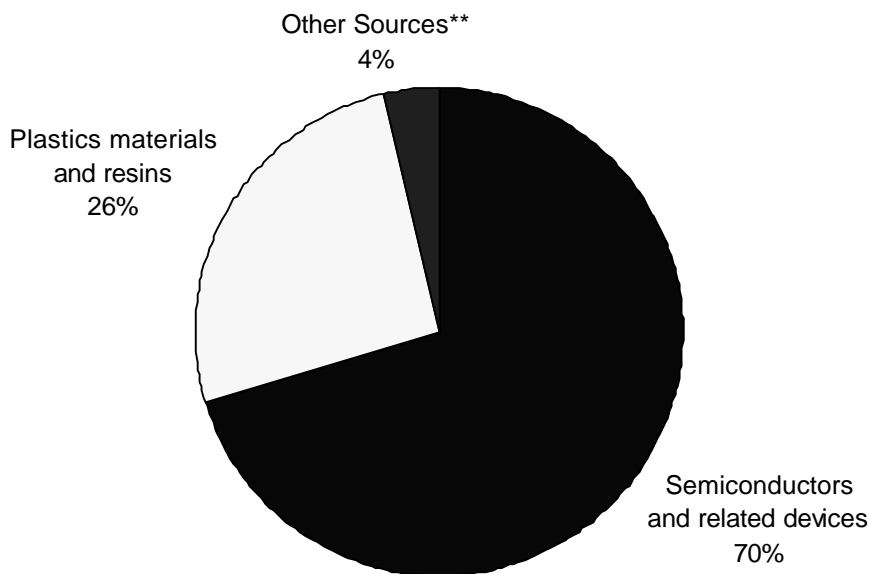
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-46

CATECHOL
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3674	Semiconductors and related devices	637.00				x	x				
2821	Plastics materials and resins	237.00	x								
-----	Other Sources**	33.57									

Total Estimated Emissions: 908 lbs.

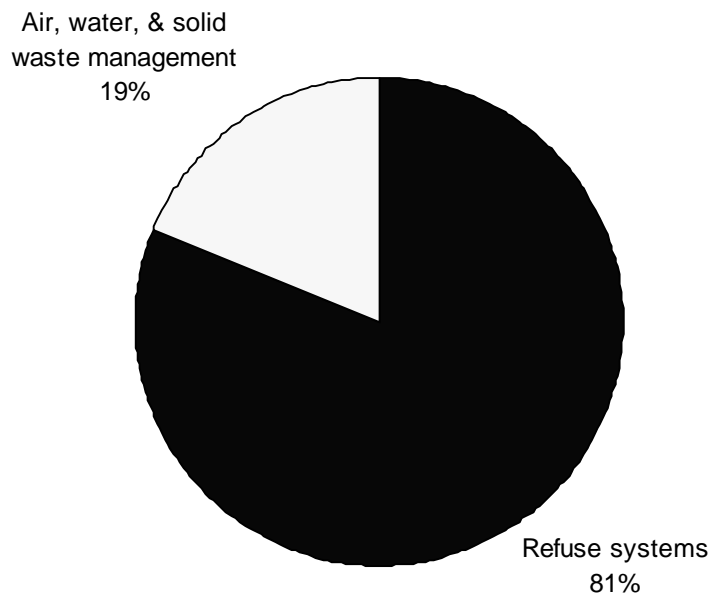
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-47

CHLORDANE
1999 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	2.00						x			
9511	Air, water, & solid waste management	0.47							x		

Total Estimated Emissions: 2 lbs.

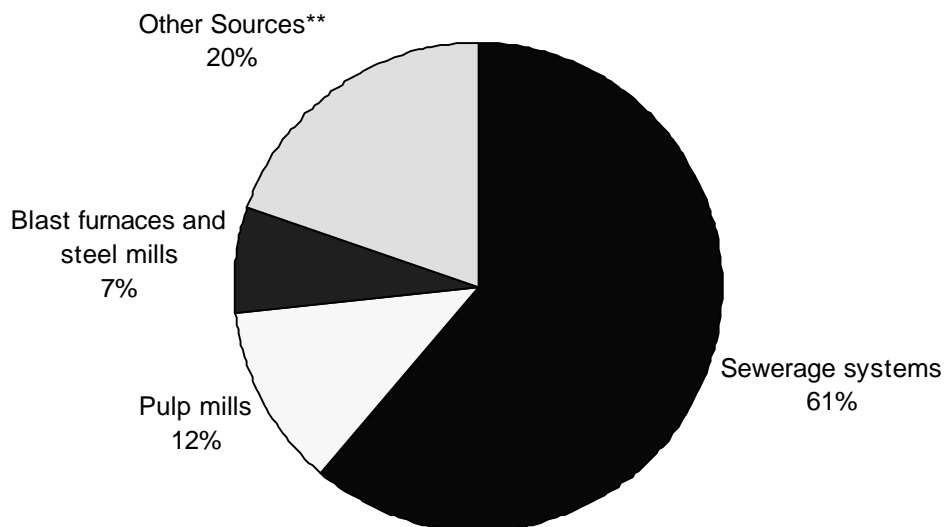
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-48

CHLORINE
1999 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	3,310,844.33			x	x			x		
2611	Pulp mills	665,710.73				x	x	x	x		x
3312	Blast furnaces and steel mills	377,736.54	x	x	x				x		x
-----	Other Sources**	1,072,769.86									

Total Estimated Emissions: 5,427,061 lbs.

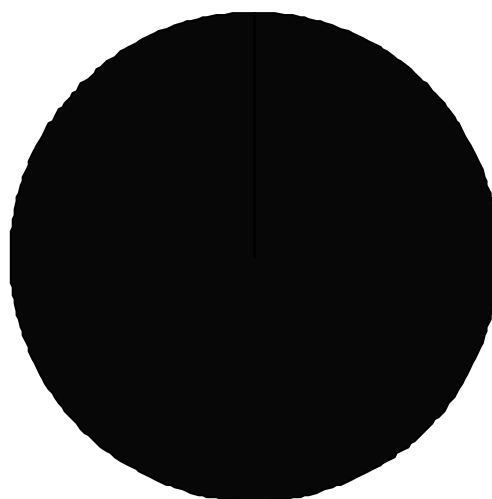
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-49

CHLOROACETIC
1999 Estimated Emissions* by Source Category for
Point and Area Sources



Commercial
 physical research
 100%

SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
8731	Commercial physical research	0.22				x					

Total Estimated Emissions: 0 lbs.

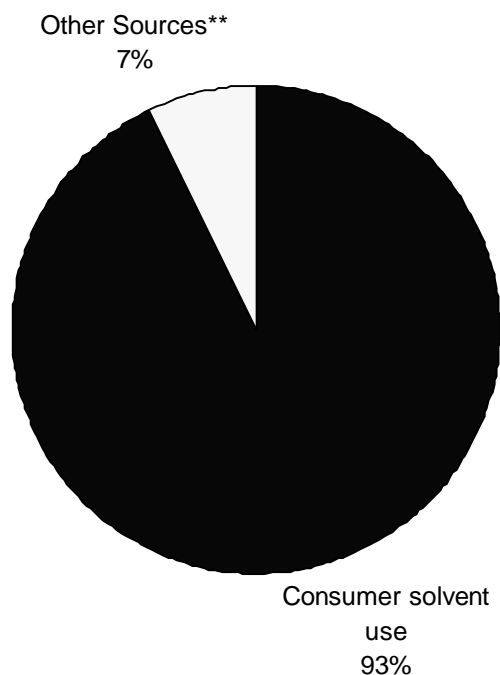
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-50

CHLOROBENZ
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Consumer solvent use	3,100,858.14	x		x	x			x		x
-----	Other Sources**	241,108.26									

Total Estimated Emissions: 3,341,966 lbs.

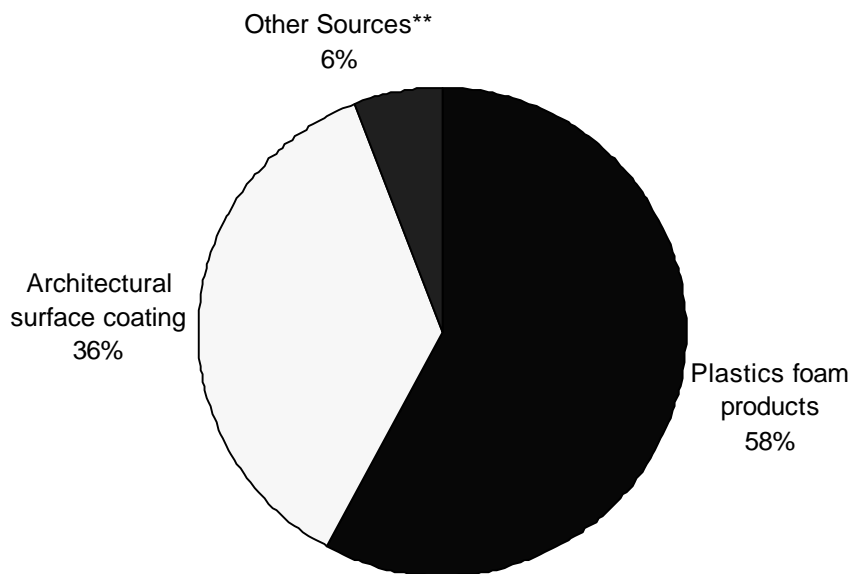
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-51

CHLOROETHANE
1999 Estimated Emissions* by Source Category for
Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3086	Plastics foam products	594,269.00	x					x	x		
-----	Architectural surface coating	374,013.80	x	x	x	x		x			
-----	Other Sources**	59,052.48									

Total Estimated Emissions: 1,027,335 lbs.

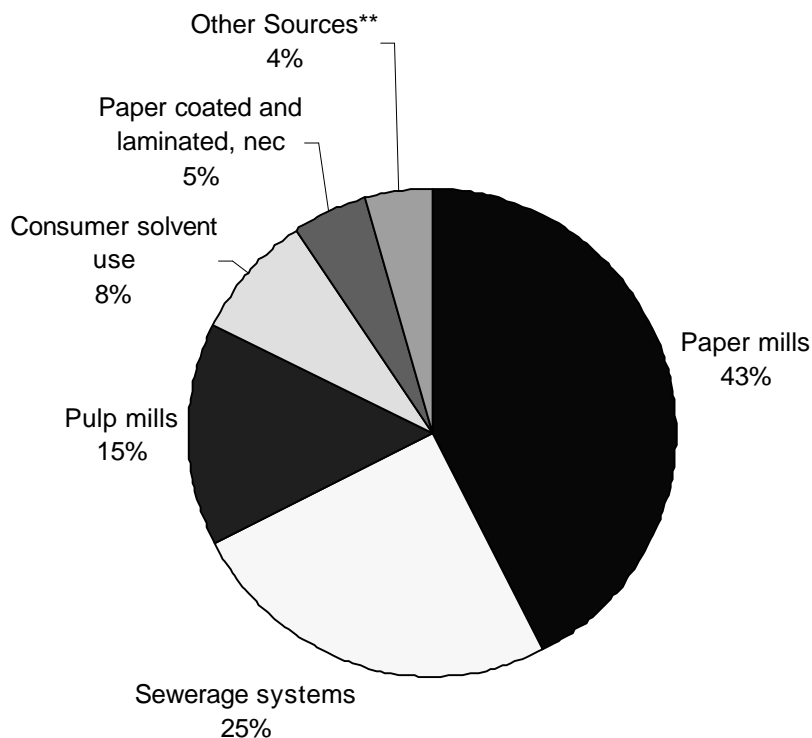
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-52

CHLOROFORM
1999 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	310,293.24			x	x	x			x	x
4952	Sewerage systems	180,957.92	x	x	x	x	x		x	x	x
2611	Pulp mills	108,091.79				x	x		x		x
-----	Consumer solvent use	59,817.35	x	x	x	x		x	x		x
2672	Paper coated and laminated, nec	38,005.15					x	x			
-----	Other Sources**	31,687.60									

Total Estimated Emissions: 728,853 lbs.

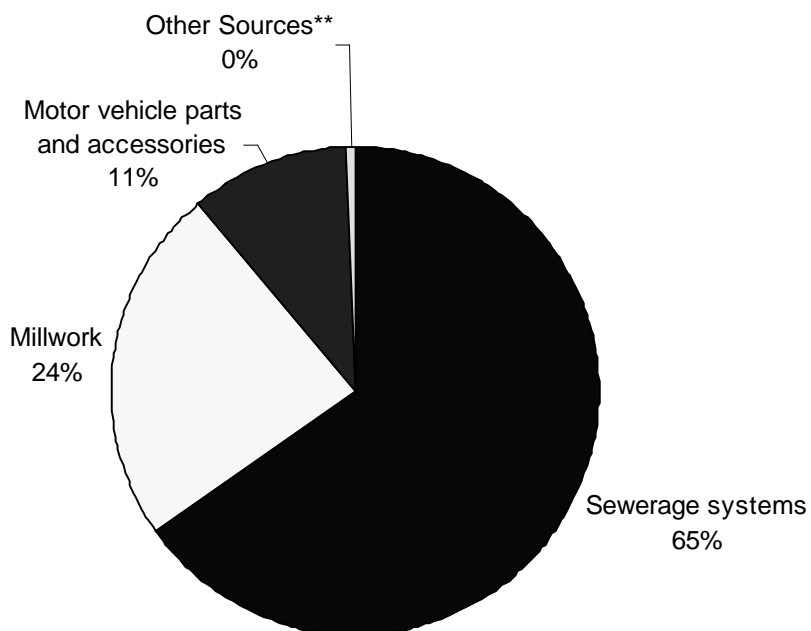
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-53

CHLOROPRENE
1999 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	147.50	x								
2431	Millwork	53.70									x
3714	Motor vehicle parts and accessories	24.00		x							
-----	Other Sources**	1.00									

Total Estimated Emissions: 226 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.