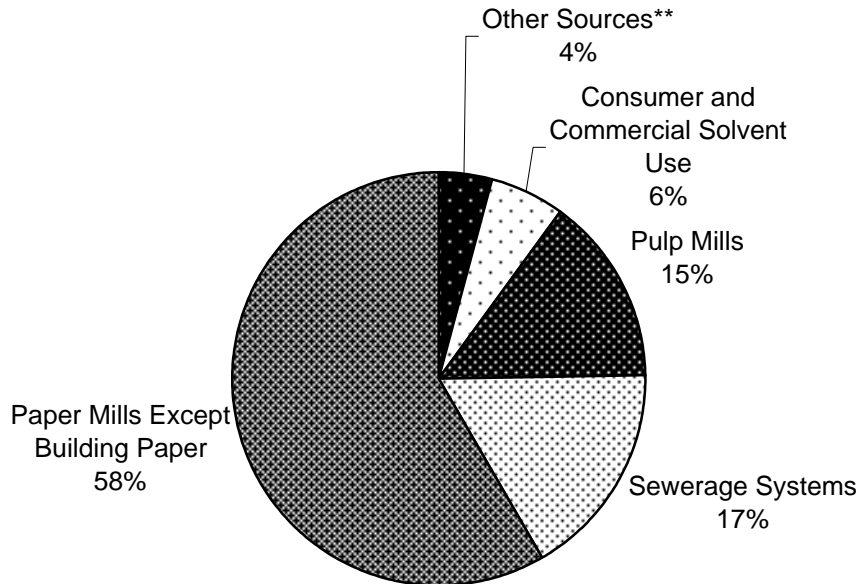


Figure 2-21:

CHLOROFORM 1997 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**	45,752.55	x	x	x	x		x	x	x	x
-----	Consumer and Commercial Solvent Use	61,112.18	x	x	x			x		x	x
2611	Pulp Mills	158,477.44							x		x
4952	Sewerage Systems	180,255.88	x	x	x	x		x	x	x	x
2621	Paper Mills Except Building Paper	622,658.20				x				x	x

Total Estimated Emissions: 1,068,256 lbs.

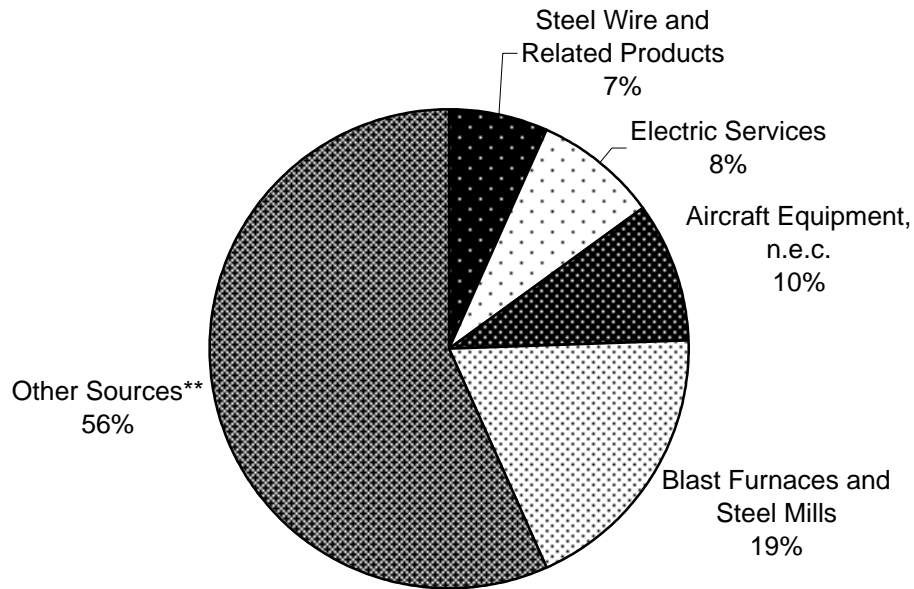
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-22:

CHROMIUM
1997 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3315	Steel Wire and Related Products	32,891.26	x	x				x			x
4911	Electric Services	42,487.02	x	x	x	x			x	x	x
3728	Aircraft Equipment, n.e.c.	47,740.63	x					x	x		
3312	Blast Furnaces and Steel Mills	94,191.97	x	x	x	x		x	x	x	x
-----	Other Sources**	284,473.65	x	x	x	x		x	x	x	x

Total Estimated Emissions: 501,784 lbs.

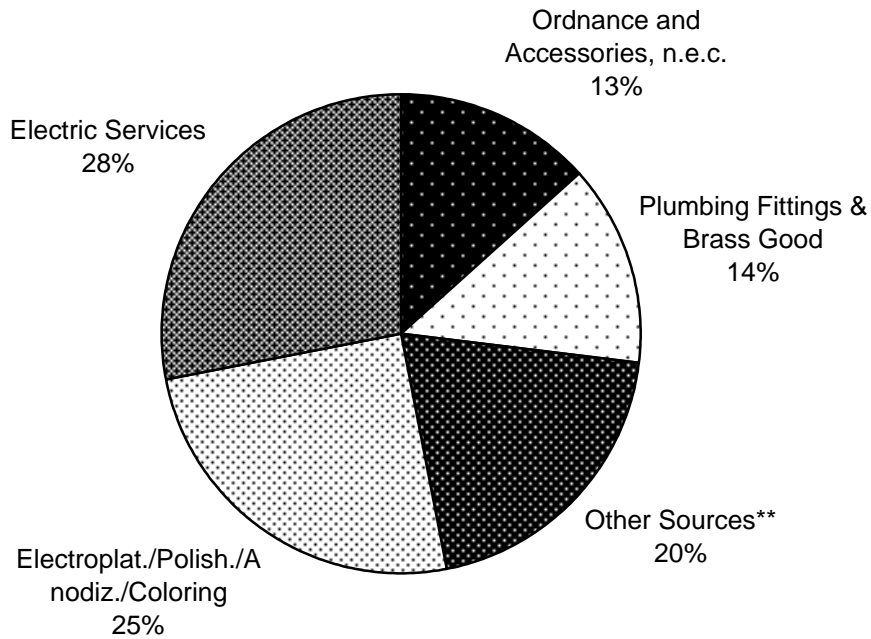
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-23:

CHROMIUM VI 1997 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3489	Ordnance and Accessories, n.e.c.	2,960.54	x			x					
3432	Plumbing Fittings & Brass Good	3,003.05	x								
-----	Other Sources**	4,391.21	x	x	x	x			x		
3471	Electroplat./Polish./Anodiz./Coloring	5,541.52	x	x		x					
4911	Electric Services	6,179.39	x	x	x	x			x		

Total Estimated Emissions: 22,075 lbs.

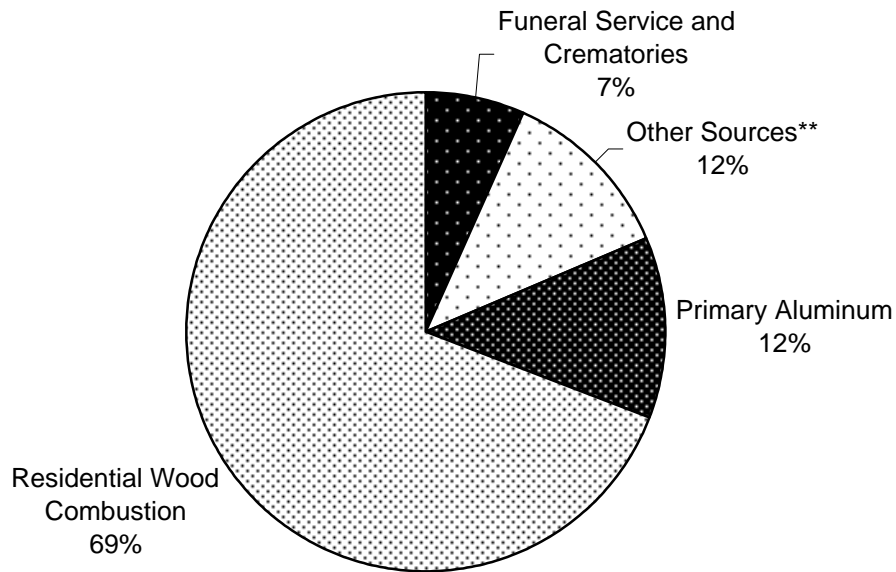
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-24:

CHRYSENE
1997 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
7261	Funeral Service and Crematories	8,397.96	x		x				x		
-----	Other Sources**	15,044.64	x	x	x	x		x	x		x
3334	Primary Aluminum	15,437.00		x							
-----	Residential Wood Combustion	87,669.59	x	x	x	x		x	x		x

Total Estimated Emissions: 126,549 lbs.

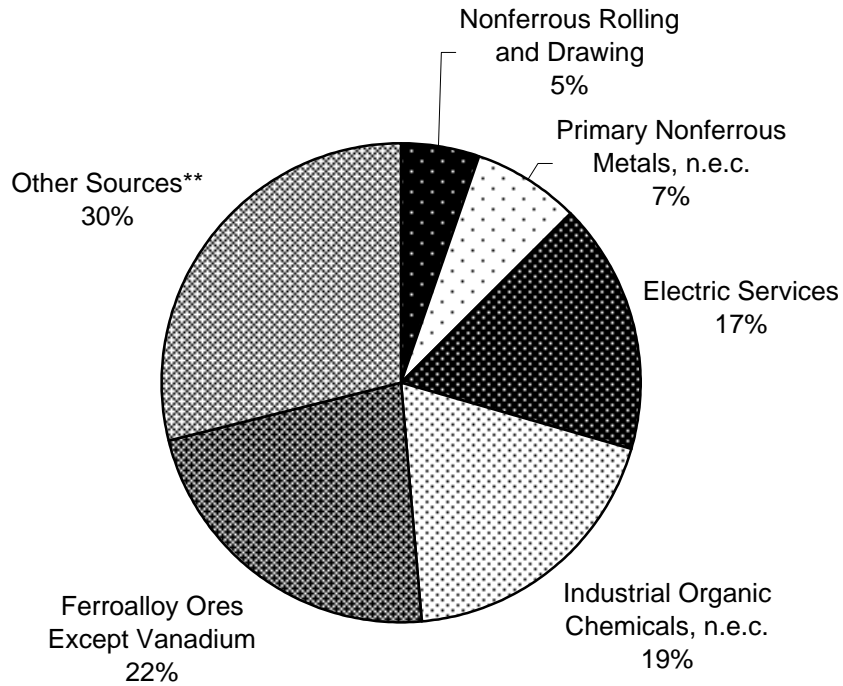
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-25:

COBALT
1997 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3356	Nonferrous Rolling and Drawing	3,050.03	x	x					x		
3339	Primary Nonferrous Metals, n.e.c.	4,159.00	x					x	x		
4911	Electric Services	9,531.36	x	x	x	x			x	x	x
2869	Industrial Organic Chemicals, n.e.c.	10,997.07	x	x		x			x		
1061	Ferroalloy Ores Except Vanadium	12,820.00							x		
-----	Other Sources**	16,522.92	x	x	x	x			x	x	x

Total Estimated Emissions: 57,080 lbs.

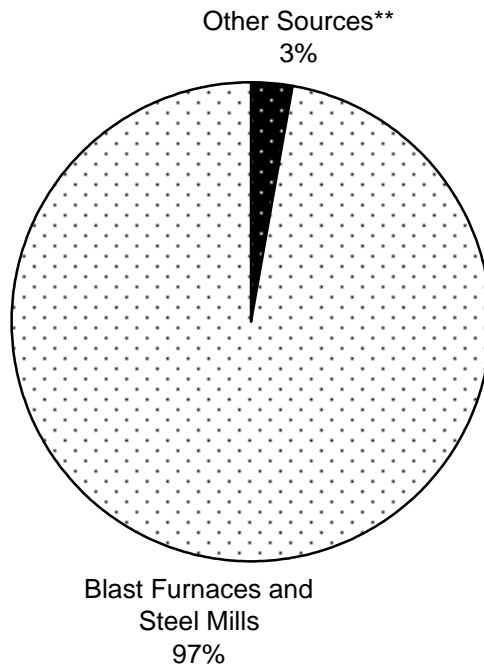
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-26:

COKE OVEN GS
1997 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**	63,198.00		x							
3312	Blast Furnaces and Steel Mills	2,114,158.47	x	x	x					x	

Total Estimated Emissions: 2,177,356 lbs.

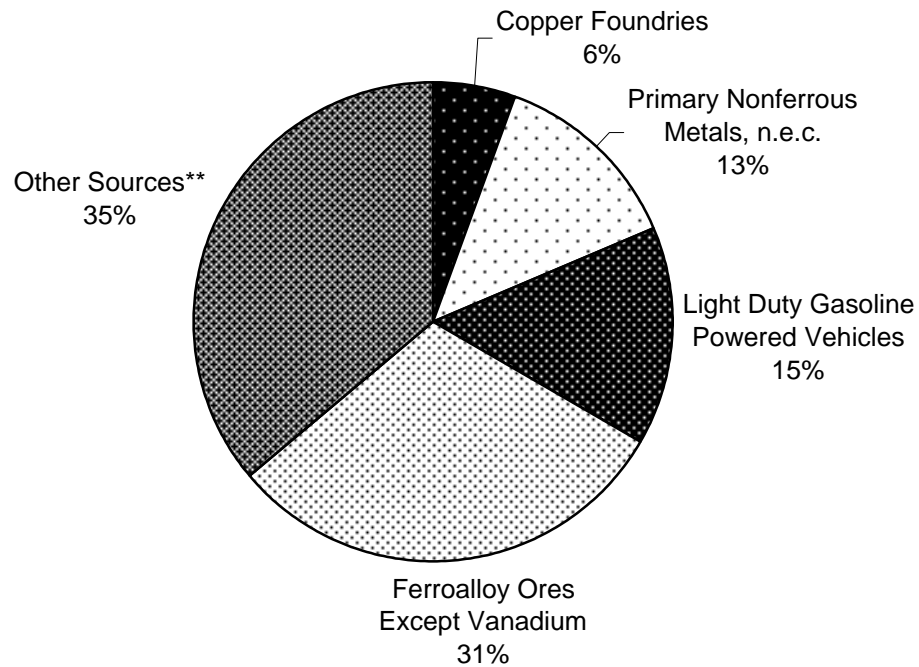
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-27:

COPPER
1997 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3366	Copper Foundries	65,892.81	x	x				x	x		x
3339	Primary Nonferrous Metals, n.e.c.	150,462.01	x						x		
-----	Light Duty Gasoline Powered Vehicles	170,240.47	x	x	x	x		x	x	x	x
1061	Ferroalloy Ores Except Vanadium	353,891.00							x		
-----	Other Sources**	418,616.22	x	x	x	x		x	x	x	x

Total Estimated Emissions: 1,159,102 lbs.

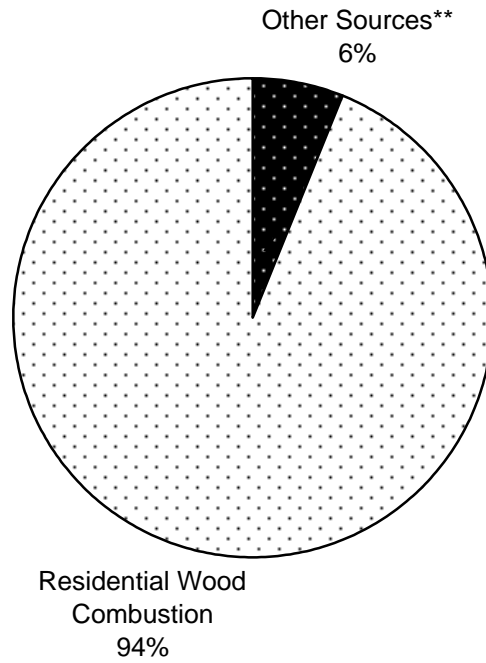
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-28:

**DIBENZ(A,H)ANTHRACENE
1997 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**	1,346.25	x	x	x	x		x	x		x
-----	Residential Wood Combustion	20,442.14	x	x	x	x		x	x		x

Total Estimated Emissions: 21,788 lbs.

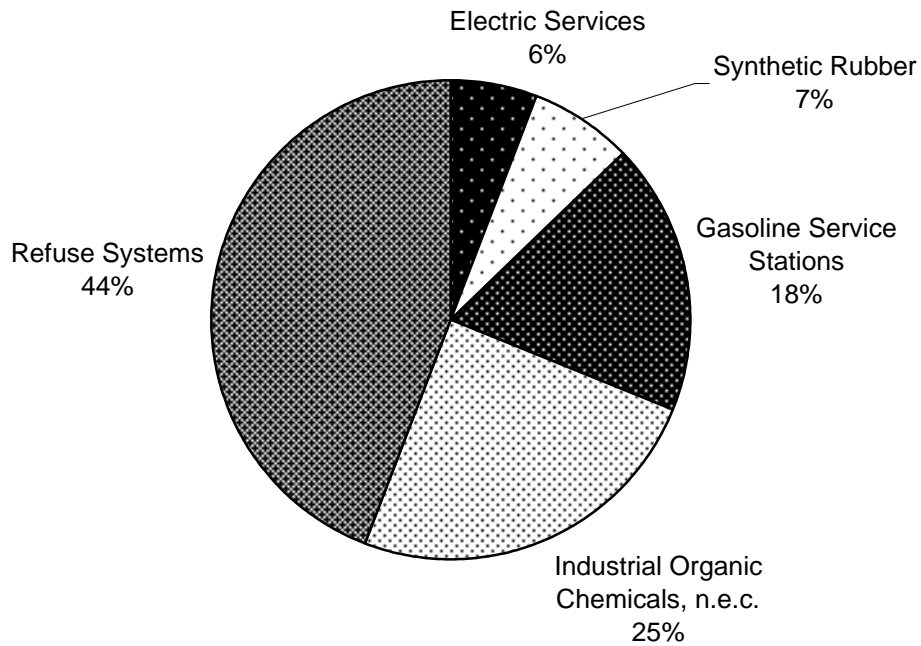
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-29:

ETHYLENE DIBROMIDE 1997 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**	33.17	x	x	x	x		x	x		x
4911	Electric Services	116.73	x	x		x					
2822	Synthetic Rubber	144.00						x			
5541	Gasoline Service Stations	369.37	x		x			x	x		
2869	Industrial Organic Chemicals, n.e.c.	500.51	x	x				x			
4953	Refuse Systems	890.70	x	x	x	x			x		

Total Estimated Emissions: 2,054 lbs.

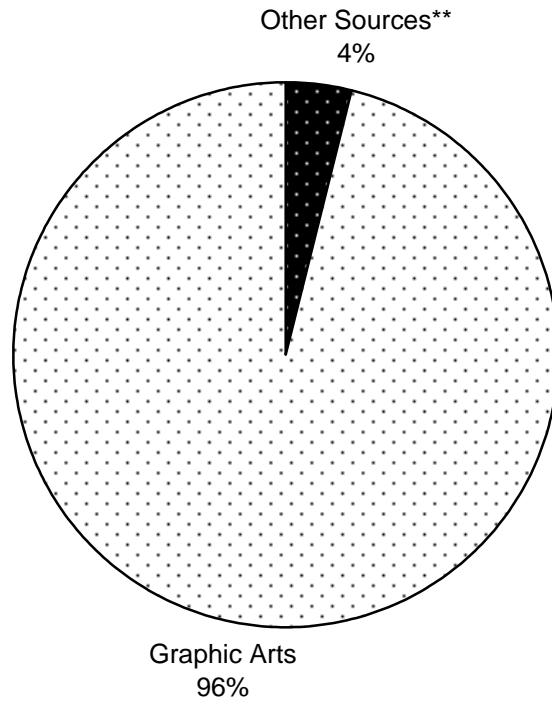
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-30:

**DI-N-BUTYL PHTHALATE
1997 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**	40,147.34	x	x	x	x		x	x	x	x
-----	Graphic Arts	973,553.78		x	x			x	x		x

Total Estimated Emissions: 1,013,701 lbs.

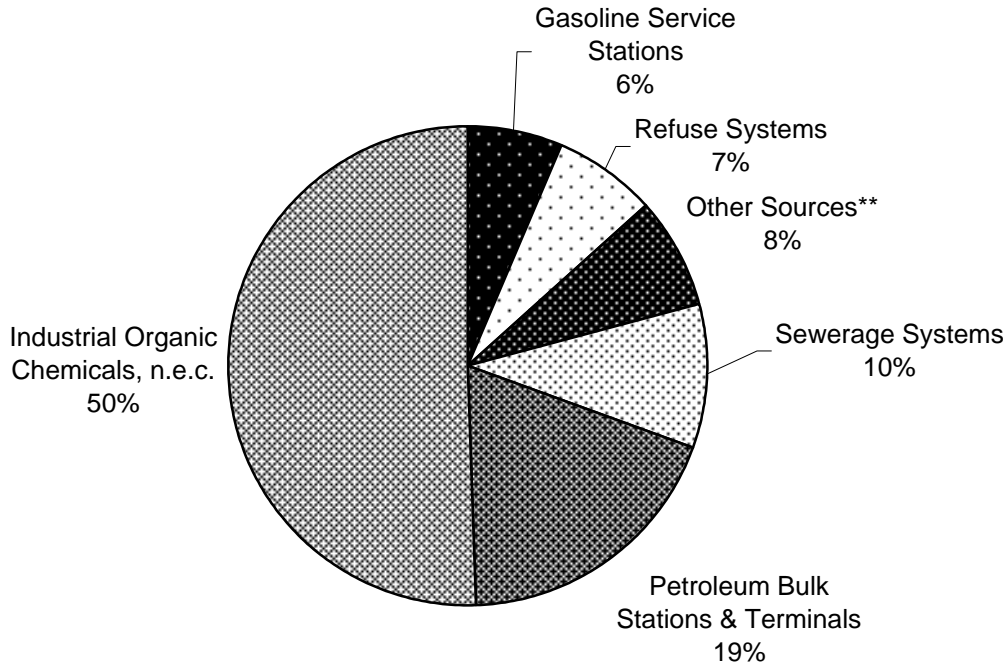
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-31:

ETHYLENE DICHLORIDE 1997 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
5541	Gasoline Service Stations	6,387.58	x		x			x	x		x
4953	Refuse Systems	6,959.49	x	x	x	x		x	x		x
-----	Other Sources**	7,607.35	x	x	x	x		x	x		x
4952	Sewerage Systems	10,036.16	x	x		x			x		x
5171	Petroleum Bulk Stations & Terminals	19,021.00	x		x						
2869	Industrial Organic Chemicals, n.e.c.	51,064.30	x	x					x		x

Total Estimated Emissions: 101,075 lbs.

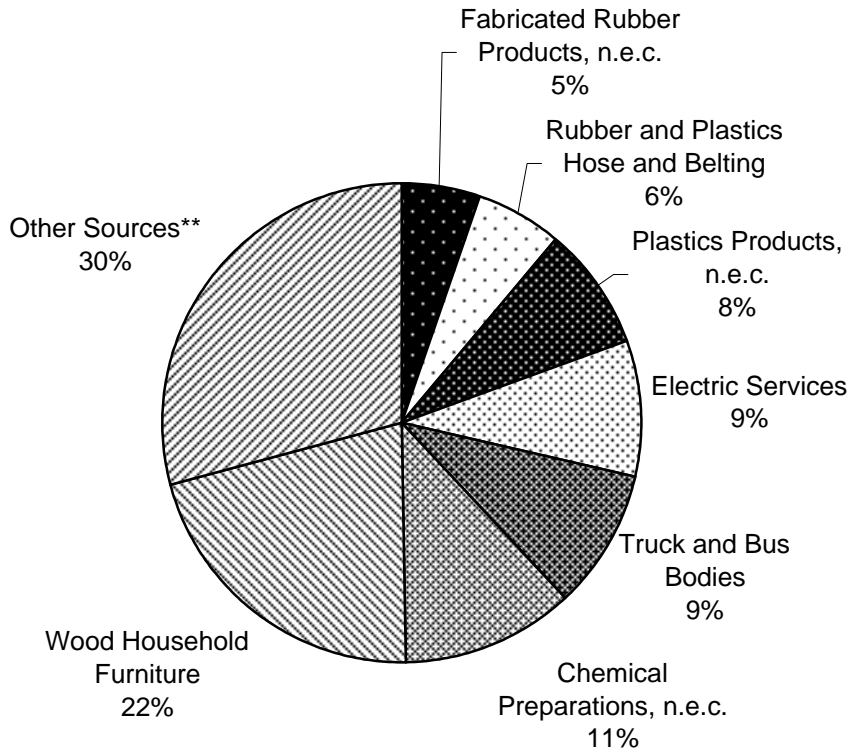
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-32:

DIETHYLHEXYL PHTHALATE 1997 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
3069	Fabricated Rubber Products, n.e.c.	2,333.00		x				x	x		
3052	Rubber and Plastics Hose and Belting	2,595.00						x	x		
3089	Plastics Products, n.e.c.	3,666.00		x		x		x	x		
4911	Electric Services	4,114.28	x	x							x
3713	Truck and Bus Bodies	4,166.00		x							
2899	Chemical Preparations, n.e.c.	5,072.00							x		
2511	Wood Household Furniture	9,412.00								x	x
-----	Other Sources**	12,889.92	x	x	x	x		x	x	x	x

Total Estimated Emissions: 44,248 lbs.

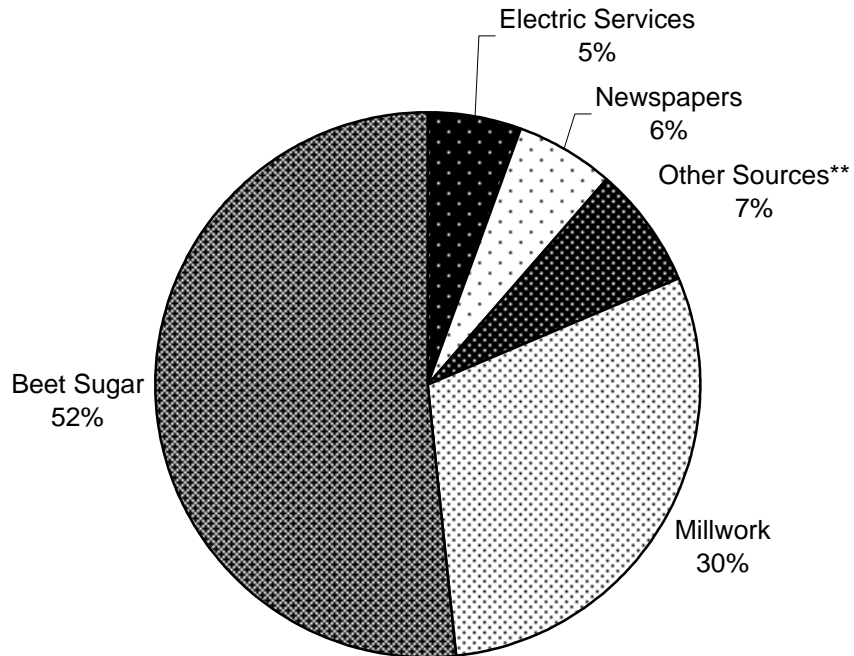
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-33:

**DI-N-OCTYL PHTHALATE
1997 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	1,320.46				x					
2711	Newspapers	1,460.00		x							
-----	Other Sources**	1,688.18		x	x	x			x		x
2431	Millwork	7,180.00									x
2063	Beet Sugar	12,517.10				x					

Total Estimated Emissions: 24,165 lbs.

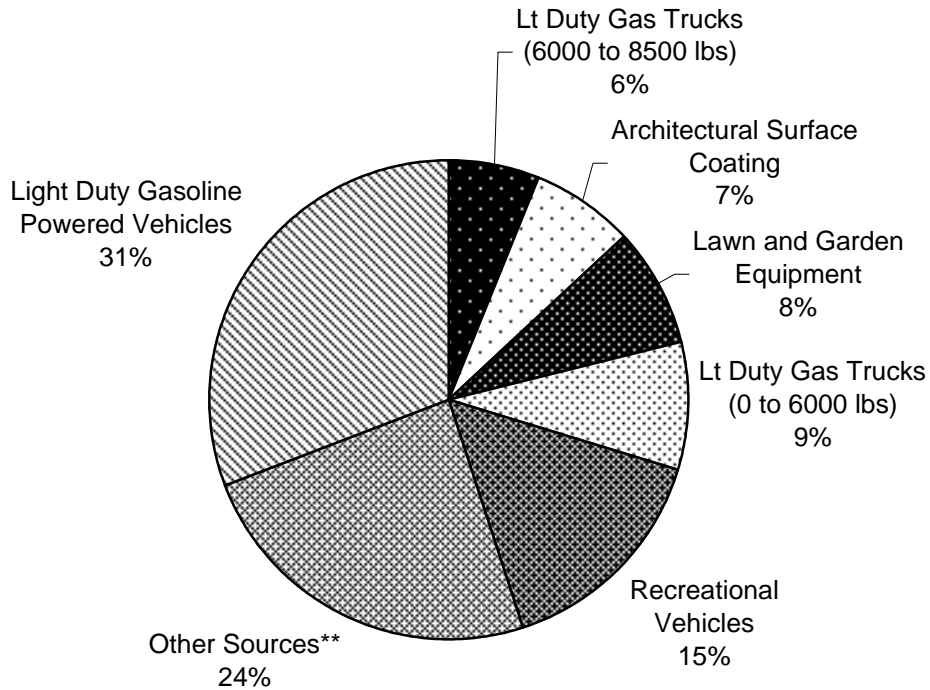
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-34:

ETHYLBENZENE
1997 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 (6000 to 8500 lbs)	3,777,230.87	x	x	x	x		x		x	x
-----	Architectural Surface Coating	4,420,154.57		x	x	x		x	x		x
-----	Lawn and Garden Equipment	4,951,043.62	x	x		x		x	x	x	x
-----	Lt Duty Gas Trucks (0 to 6000 lbs)	5,398,064.76	x	x	x	x		x		x	x
-----	Recreational Vehicles	9,533,501.59	x	x		x		x	x	x	x
-----	Other Sources**	14,972,801.69	x	x	x	x		x	x	x	x
-----	Light Duty Gasoline Powered Vehicles	19,303,312.38	x	x	x	x		x	x	x	x

Total Estimated Emissions: 62,356,109 lbs.

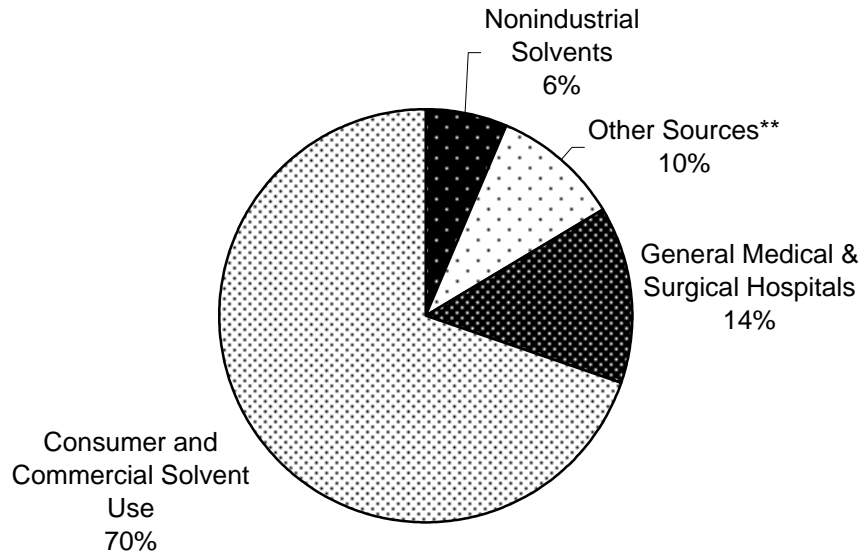
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-35:

ETHYLENE OXIDE 1997 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Nonindustrial Solvents	70,779.86				x					
-----	Other Sources**	114,079.52	x	x	x	x			x	x	x
8062	General Medical & Surgical Hospitals	154,517.89	x	x	x	x				x	x
-----	Consumer and Commercial Solvent Use	779,865.20	x	x	x			x		x	x

Total Estimated Emissions: 1,119,242 lbs.

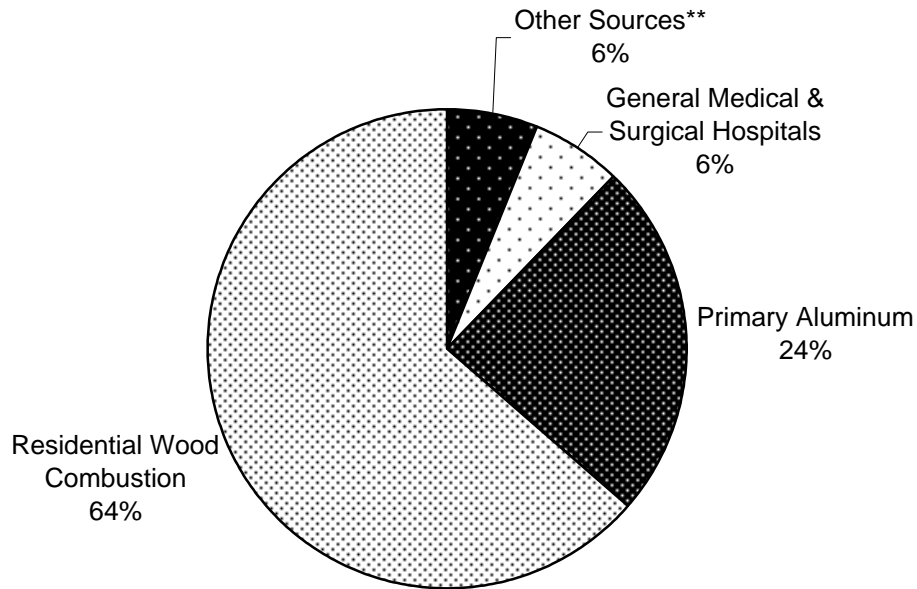
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-36:

FLUORANTHENE
1997 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**	10,593.47	x	x	x	x		x	x		x
8062	General Medical & Surgical Hospitals	11,042.40	x	x	x	x			x		
3334	Primary Aluminum	42,947.00		x							
-----	Residential Wood Combustion	112,430.27	x	x	x	x		x	x		x

Total Estimated Emissions: 177,013 lbs.

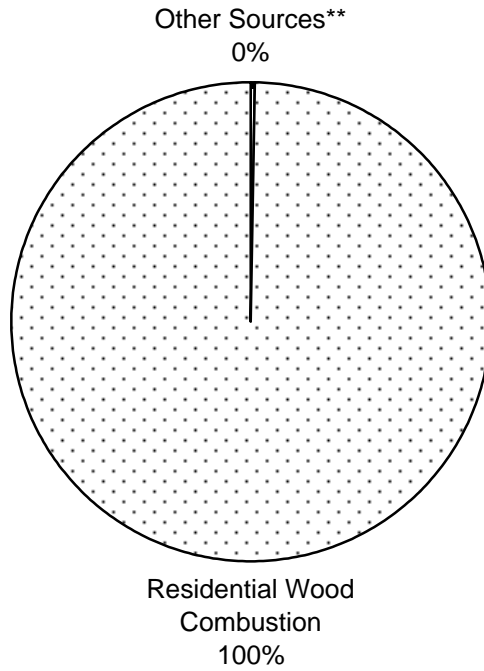
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-37:

FLUORENE
1997 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**	366.31	x	x	x	x		x	x		x
-----	Residential Wood Combustion	131,333.84	x	x	x	x			x		x

Total Estimated Emissions: 131,700 lbs.

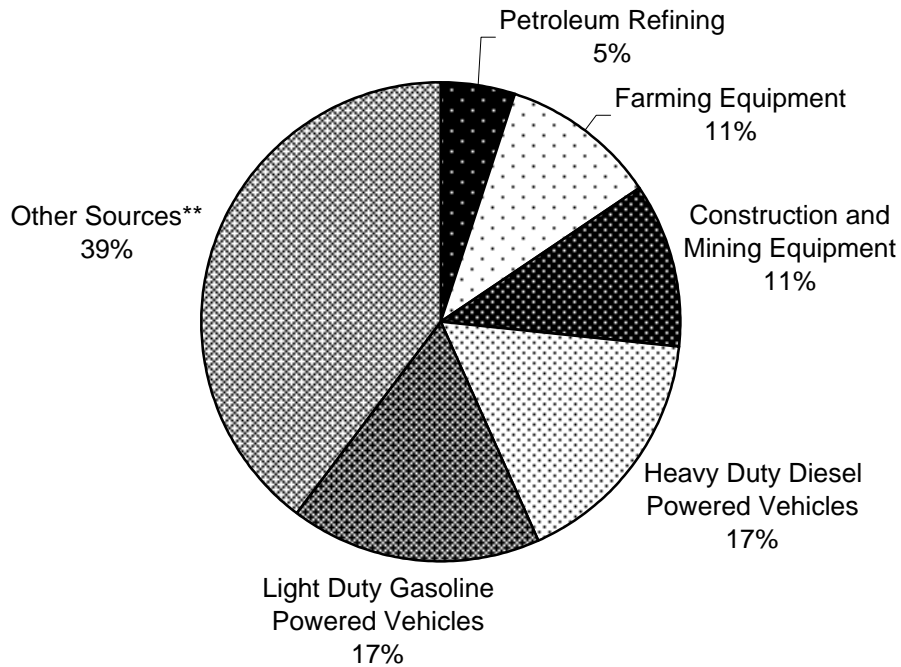
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-38:

FORMALDEHYDE
1997 Estimated Emissions* by Source Category for
Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
2911	Petroleum Refining	3,862,656.25	x	x		x				x	x
-----	Farming Equipment	8,165,285.30	x	x	x	x		x	x		x
-----	Construction and Mining Equipment	8,401,505.45	x	x	x	x		x	x		x
-----	Heavy Duty Diesel Powered Vehicles	12,800,725.55	x	x	x	x		x	x	x	x
-----	Light Duty Gasoline Powered Vehicles	12,973,042.10	x	x	x	x		x	x	x	x
-----	Other Sources**	30,497,633.74	x	x	x	x		x	x	x	x

Total Estimated Emissions: 76,700,848 lbs.

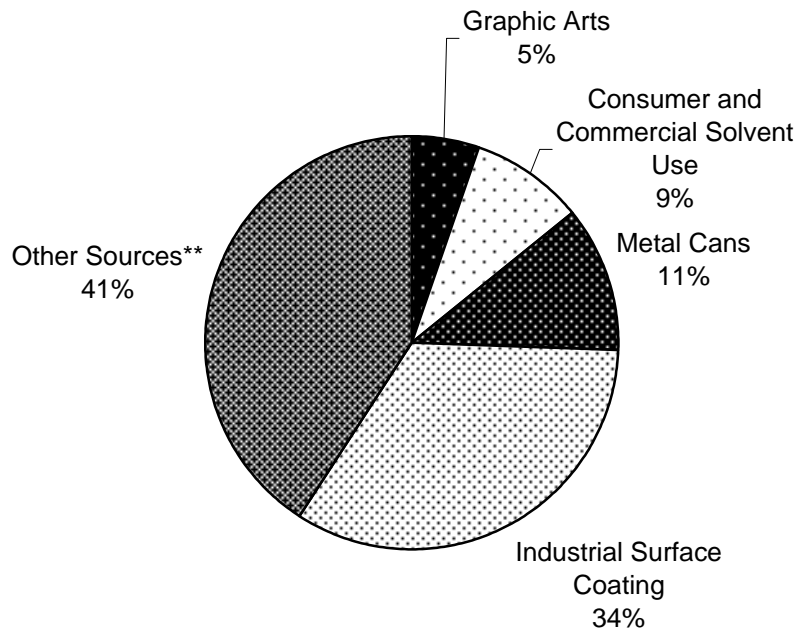
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-39:

GLYCOL ETHERS 1997 Estimated Emissions* by Source Category for Point, Area, and Mobile Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Graphic Arts	1,085,979.41		x					x		
-----	Consumer and Commercial Solvent Use	1,772,366.40	x	x	x			x			x
3411	Metal Cans	2,307,120.21	x	x		x				x	x
-----	Industrial Surface Coating	6,803,447.90	x	x		x		x			x
-----	Other Sources**	8,244,319.44	x	x		x		x	x	x	x

Total Estimated Emissions: 20,213,233 lbs.

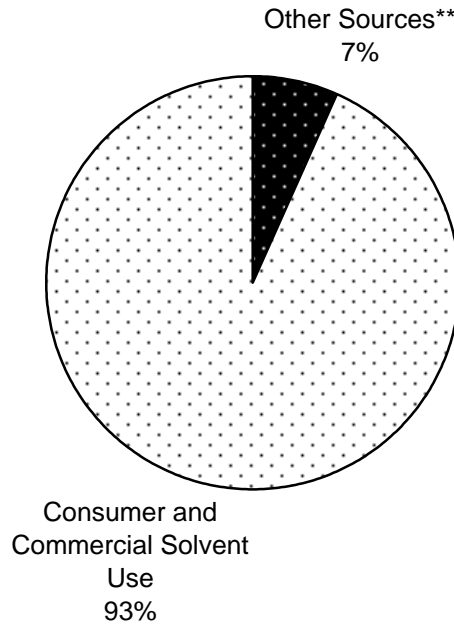
* Each jurisdiction estimated emissions for those sources for which they had data available.

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

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

Figure 2-40:

HEXACHLOROETHANE 1997 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**	416.00		x							
-----	Consumer and Commercial Solvent Use	5,886.44								x	

Total Estimated Emissions: 6,302 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.