

Great Lakes Regional Air Toxic Emissions Inventory Report

1993 Sample Data

August 1998

The inventory focuses on 49 toxic pollutants identified as significant contributors to the contamination of the Great Lakes. The five pollutants with the highest emissions levels in the region include Methylene Chloride, 1,1,1 Trichloroethane, Tetrachloroethylene, Manganese and Lead. Please note that these graphics are representative of data available at time of publication, these will change as more data becomes available.

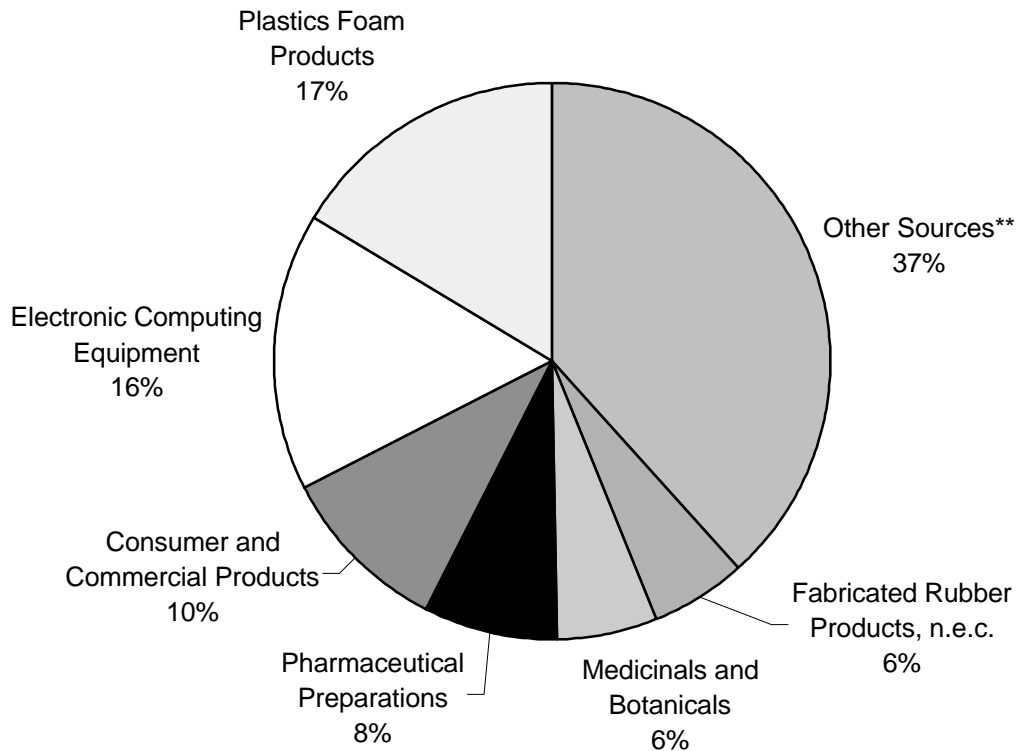
On behalf of:

Illinois Environmental Protection Agency, Division of Air Pollution Control
Indiana Department of Environmental Management, Office of Air Management
Michigan Department of Environmental Quality, Air Quality Division
Minnesota Pollution Control Agency, Environmental Indicator Unit
New York Department of Environmental Conservation, Division of Air Resources
Ohio Environmental Protection Agency, Division of Air Pollution Control
Ontario Ministry of Environment, Environmental Monitoring and Reporting Branch
Pennsylvania Department of Environmental Protection, Air Quality Control
Wisconsin Department of Natural Resources, Bureau of Air Management

Great Lakes Commission
400 Fourth Street
Ann Arbor, MI 48103-4816

METHYLENE CHLORIDE

1993 Estimated Emissions* by Source Category for Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	9,377,700.22	X	X	X	X		X		X	X
3086	Plastics Foam Products	4,048,761.16	X	X	X			X			X
3573	Electronic Computing Equipment	3,941,960.00				X					
CONS	Consumer Solvent Use	2,442,258.76	X			X					
2834	Pharmaceutical Preparations	1,883,273.05	X	X	X			X		X	
2833	Medicinals and Botanicals	1,440,101.76		X	X						
3069	Fabricated Rubber Products, n.e.c.	1,385,740.15	X	X	X			X			X

Total Estimated Emissions: 24,519,798.10 lbs

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

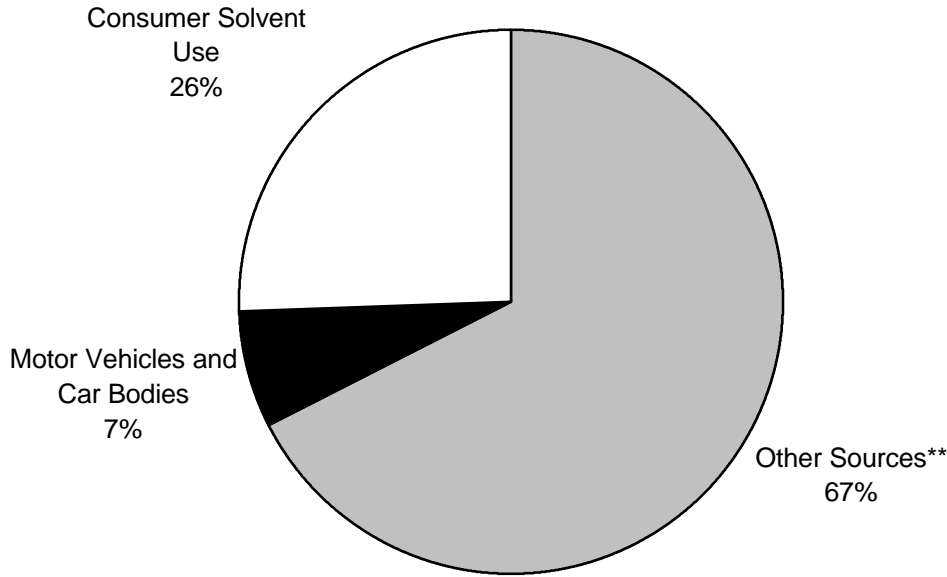
** Other Sources: Individually less than five percent of the total.

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

Please note that these graphics are representative of data available at time of publication, these will change as more data becomes available.

1,1,1 TRICHLOROETHANE

1993 Estimated Emissions* by Source Category for Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	12,677,387	X	X	X	X		X			X
CONS	Consumer Solvent Use	4,798,718	X			X					
3711	Motor Vehicles and Car Bodies	1,302,655		X	X			X			

Total Estimated Emissions: 18,778,760 lbs

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

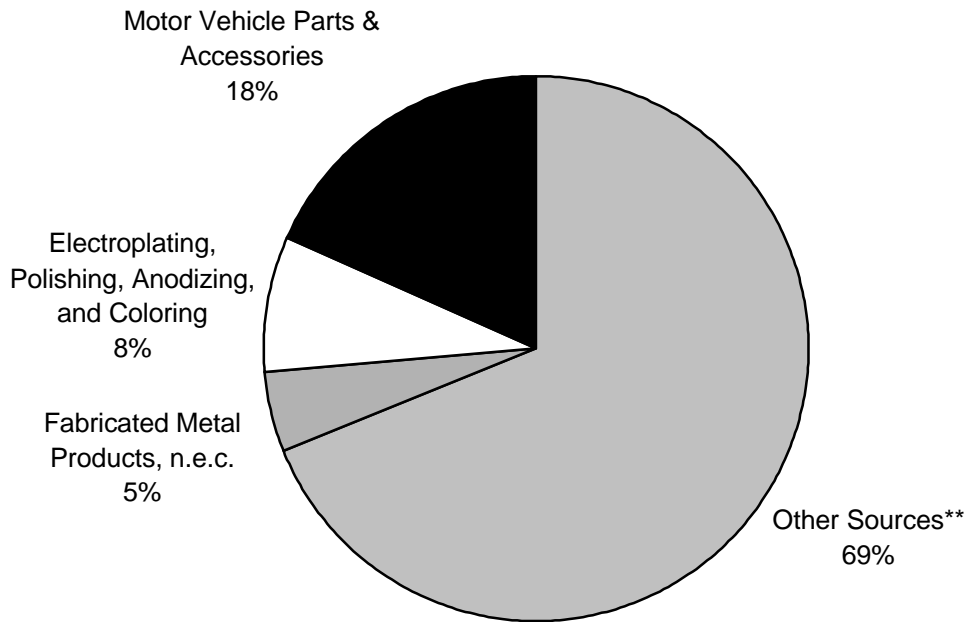
** Other Sources: Individually less than five percent of the total.

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

Please note that these graphics are representative of data available at time of publication, these will change as more data becomes available.

TRICHLOROETHYLENE

1993 Estimated Emissions* by Source Category for Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	9,065,642	X	X	X	X		X			X
3714	Motor Vehicle Parts & Accessories	2,430,103		X	X			X			X
3471	Electroplating, Polishing, Anodizing & Coloring	1,060,745	X	X	X	X		X			X
3499	Fabricated Metal Products, n.e.c.	615,806	X	X	X			X			X

Total Estimated Emissions: 13,172,297 lbs

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

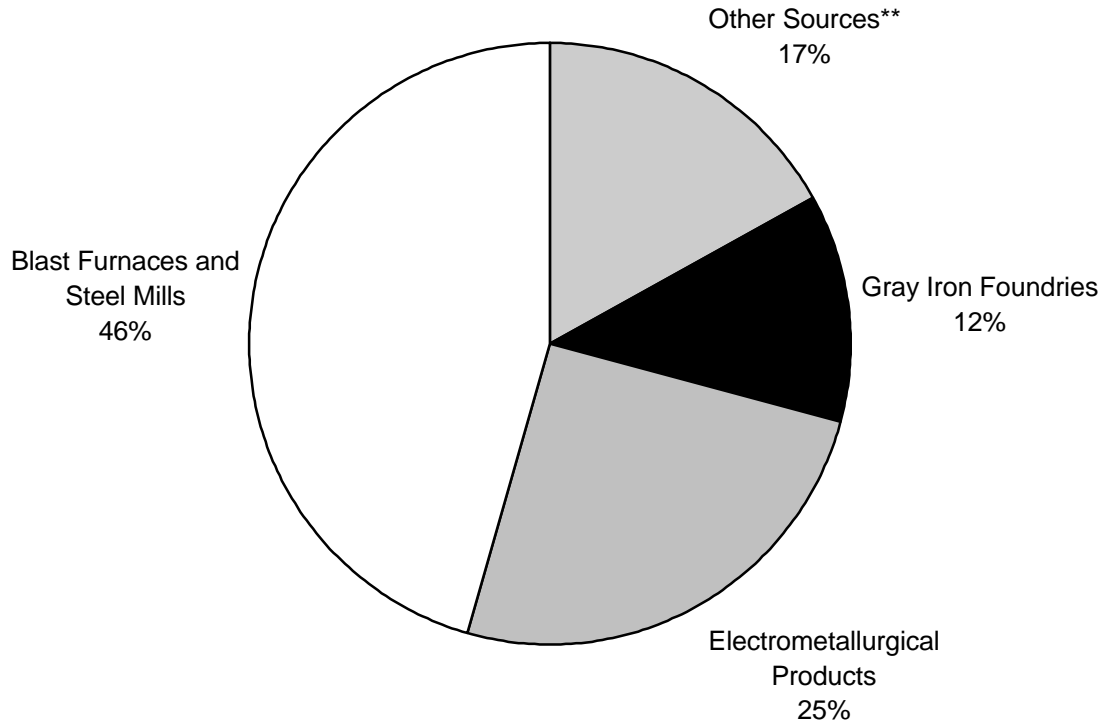
** Other Sources: Individually less than five percent of the total.

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

Please note that these graphics are representative of data available at time of publication, these will change as more data becomes available.

MANGANESE

1993 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	935,834.47	X	X	X	X		X		X	X
3313	Electrometallurgical Products	524,730.00						X			
-----	Other Sources**	348,076.71	X	X	X	X		X		X	X
3321	Gray Iron Foundries	250,875.57	X	X	X	X		X			X

Total Estimated Emissions: 2,059,516.76 lbs

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

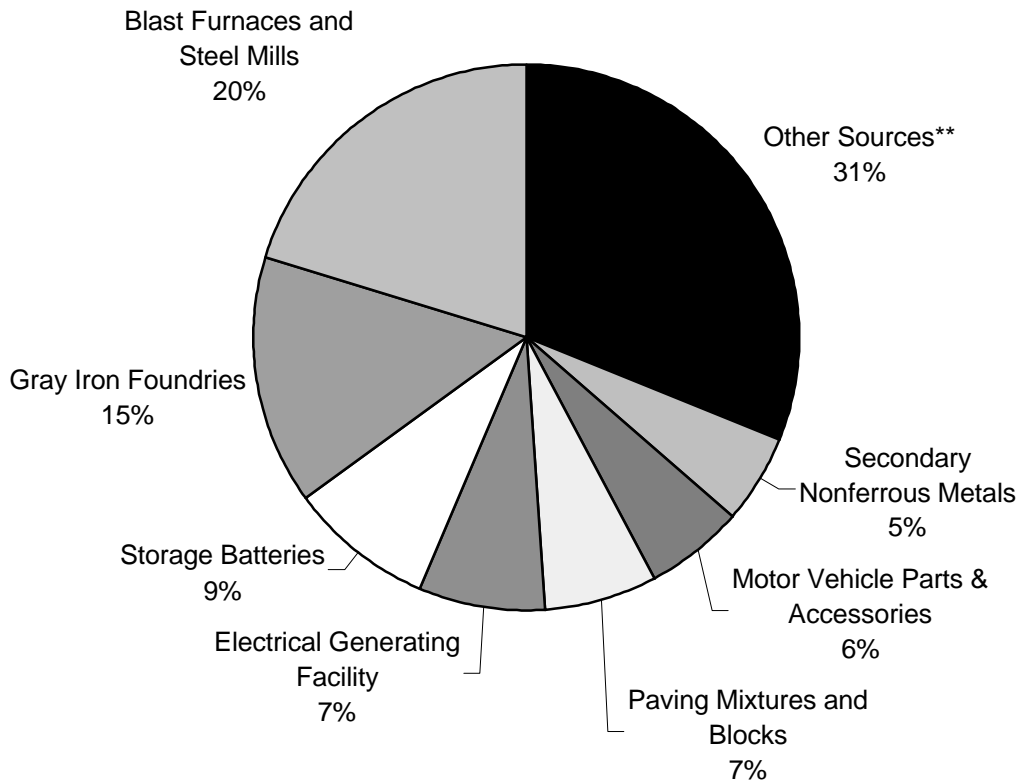
** Other Sources: Individually less than five percent of the total.

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

Please note that these graphics are representative of data available at time of publication, these will change as more data becomes available.

LEAD

1993 Estimated Emissions* by Source Category for Point and Area Sources



SIC	DESCRIPTION	EMISSIONS (LB)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	257,928.72	X	X	X	X		X		X	X
3312	Blast Furnaces and Steel Mills	167,721.87	X	X	X	X		X		X	
3321	Gray Iron Foundries	121,332.94	X	X	X	X		X			
3691	Storage Batteries	72,970.95	X	X	X			X		X	
4911	Electrical Generating Facility	61,351.72	X	X	X	X				X	
2951	Paving Mixtures and Blocks	54,108.61	X	X	X	X					X
3714	Motor Vehicle Parts & Accessories	49,124.95	X	X	X			X			
3341	Secondary Nonferrous Metals	43,204.66	X	X	X	X		X		X	

Total Estimated Emissions: 827,744.42 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.

Please note that these graphics are representative of data available at time of publication, these will change as more data becomes available.