

# **1996 Inventory of Toxic Air Emissions: A Product of the Great Lakes Regional Air Toxic Emissions Project**

## **Part II: Mobile Sources**

### **Sample Data**

**February 2000**

The mobile sources feature is new to the inventory, with previous releases including only point and area sources. The top three total emissions (point, area and mobile) are 545 million pounds of toluene, 311 million pounds of xylene and 144 million pounds of benzene, of which mobile sources contribute more than 50 per cent. The inventory, which relies on 1996 state and provincial data, will be used to strengthen state and provincial decisionmaking; promote consistency from one jurisdiction to the next, establish standard data collection procedures; and lay the foundation for a fully automated emission estimation and inventory system.

**On behalf of:**

Illinois Environmental Protection Agency, Bureau of Air

Indiana Department of Environmental Management, Office of Air Management

Michigan Department of Environmental Quality, Air Quality Division

Minnesota Pollution Control Agency, Environmental Outcomes Division

New York Department of Environmental Conservation, Division of Air Resources

Ohio Environmental Protection Agency, Division of Air Pollution Control

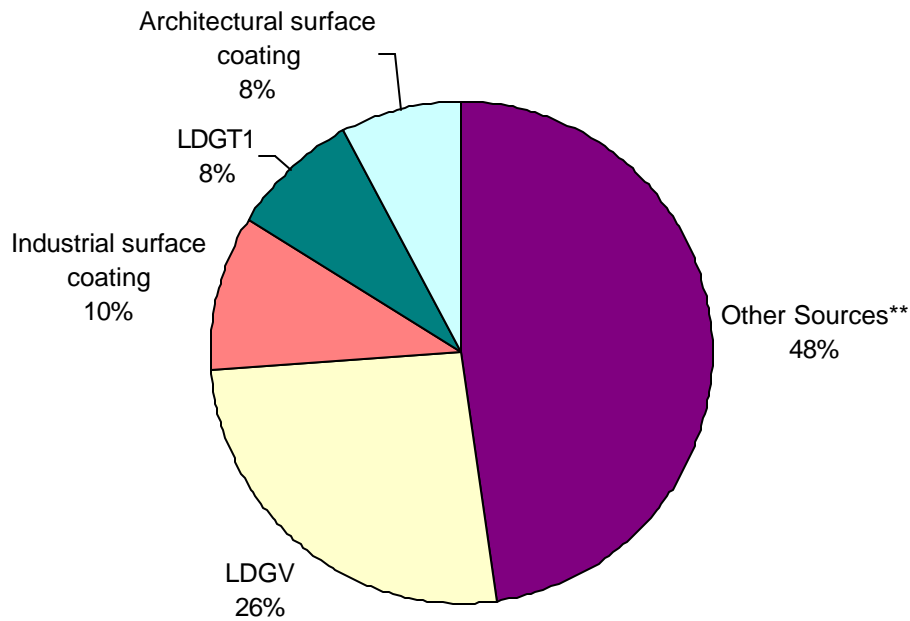
Ontario Ministry of Environment, Environmental Monitoring and Reporting Branch

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

**TOLUENE**  
**1996 Estimated Emissions\* by Source Category for**  
**Point, Area & Mobile Sources**



SIC	DESCRIPTION	EMISSIONS (lbs)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	261,424,401.31	X	X	X	X	X	X	X	X	X
-----	LDGV	142,633,753.80	X	X		X	X	X	X	X	X
-----	Industrial surface coating	54,103,261.14	X	X	X	X				X	X
-----	LDGT1	45,561,296.62	X	X		X	X	X		X	X
-----	Architectural surface coating	42,099,012.88	X	X	X	X	X	X	X	X	X

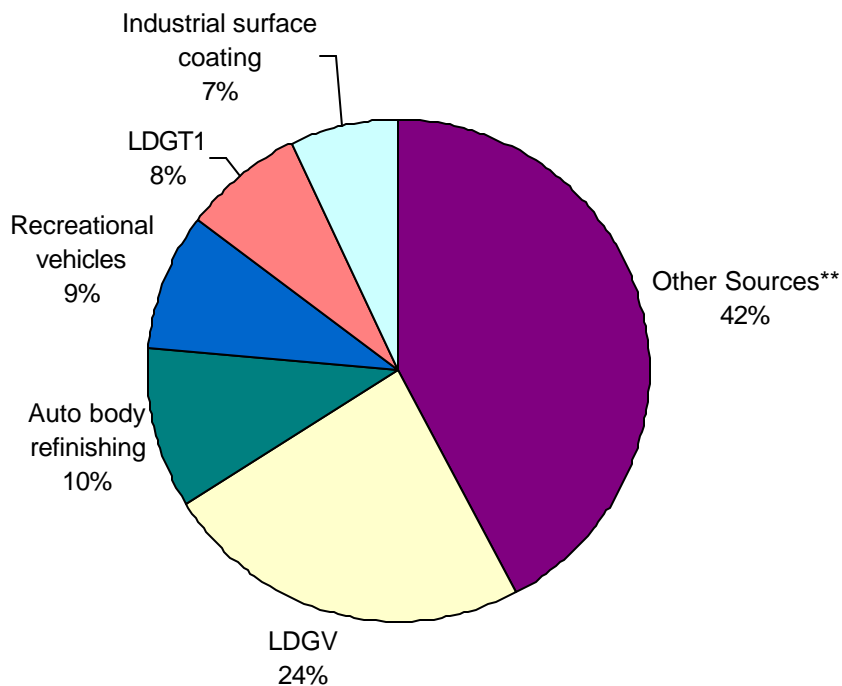
**Total Estimated Emissions: 545,821,725.75 lbs.**

\* 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.

**XYLENES(ISO)**  
**1996 Estimated Emissions\* by Source Category for**  
**Point and Area Sources**



SIC	DESCRIPTION	EMISSIONS (lbs)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Other Sources**	131,108,634.20	X	X	X	X	X	X	X	X	X
-----	LDGV	74,758,077.66	X			X	X	X	X	X	X
-----	Auto body refinishing	31,905,350.80	X	X	X	X	X	X		X	X
-----	Recreational vehicles	27,345,212.35	X			X	X	X	X		X
-----	LDGT1	24,430,722.83	X			X	X	X		X	X
-----	Industrial surface coating	21,769,246.60	X	X	X	X				X	X

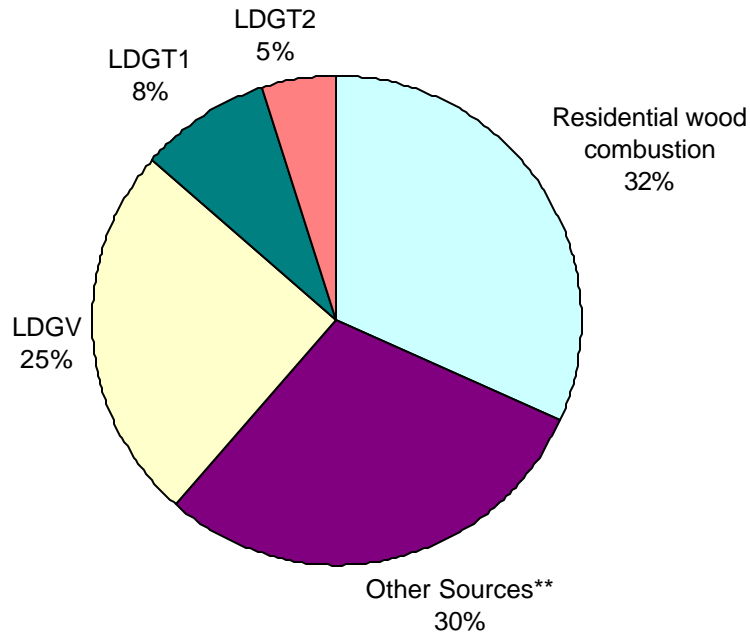
**Total Estimated Emissions: 311,317,244.44 lbs.**

\* 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.

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



SIC	DESCRIPTION	EMISSIONS (lbs)	IL	IN	MI	MN	NY	OH	ON	PA	WI
-----	Residential wood combustion	45,839,856.93	X	X	X	X		X	X		X
-----	Other Sources**	42,976,490.17	X	X	X	X	X	X	X	X	X
-----	LDGV	36,314,529.88	X	X	X	X	X	X	X	X	X
-----	LDGT1	12,276,948.74	X	X		X	X	X		X	X
-----	LDGT2	7,329,010.49	X	X		X	X	X		X	X

**Total Estimated Emissions: 144,713,326.21 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.