

# Toxic Release Inventory, On-Site Releases 1999 and 2004

	City 1999	City 2004	Percent Change	County 1999	County 2004	City as Percent of County 1999	City as Percent of County 2004	City as Percent of State 1999	City as Percent of State 2004
Ann Arbor	30,000	18,000	-41.2	281,000	116,000	10.7	15.1	0.0	0.0
Battle Creek	73,000	35,000	-51.9	370,000	65,000	19.7	53.7	0.1	0.1
Detroit	2,415,000	1,611,000	-33.3	18,677,000	7,025,000	12.9	22.9	2.5	2.6
Flint	671,000	519,000	-22.6	1,847,000	565,000	36.3	91.9	0.7	0.8
Grand Rapids	1,549,000	203,000	-86.9	2,660,000	425,000	58.2	47.7	1.6	0.3
Kalamazoo	1,505,000	1,089,000	-27.6	1,516,000	1,090,000	99.3	99.9	1.5	1.8
Lansing	2,566,000	3,200,000	24.7	2,598,000	3,317,000	98.8	96.5	2.6	5.2
Muskegon	1,763,000	1,454,000	-17.5	1,812,000	1,482,000	97.3	98.2	1.8	2.4
Pontiac	1,743,000	1,491,000	-14.5	4,863,000	2,045,000	35.8	72.9	1.8	2.4
Saginaw	1,587,000	414,000	-73.9	1,624,000	426,000	97.7	97.2	1.6	0.7
Traverse City	45,000	22,000	-50.0	45,000	22,000	100.0	100.0	0.0	0.0
Warren	391,000	603,000	54.2	1,311,000	1,017,000	29.8	59.3	0.4	1.0
Wyoming	41,000	4,000	-90.2	2,660,000	425,000	1.5	0.9	0.0	0.0
Total	14,379,000	10,663,000	-25.8	40,264,000		35.7	59.2	14.7	17.4
State	97,575,000	61,453,000	-37.0						

Source: US EPA: Toxic Release Inventory (TRI) Program

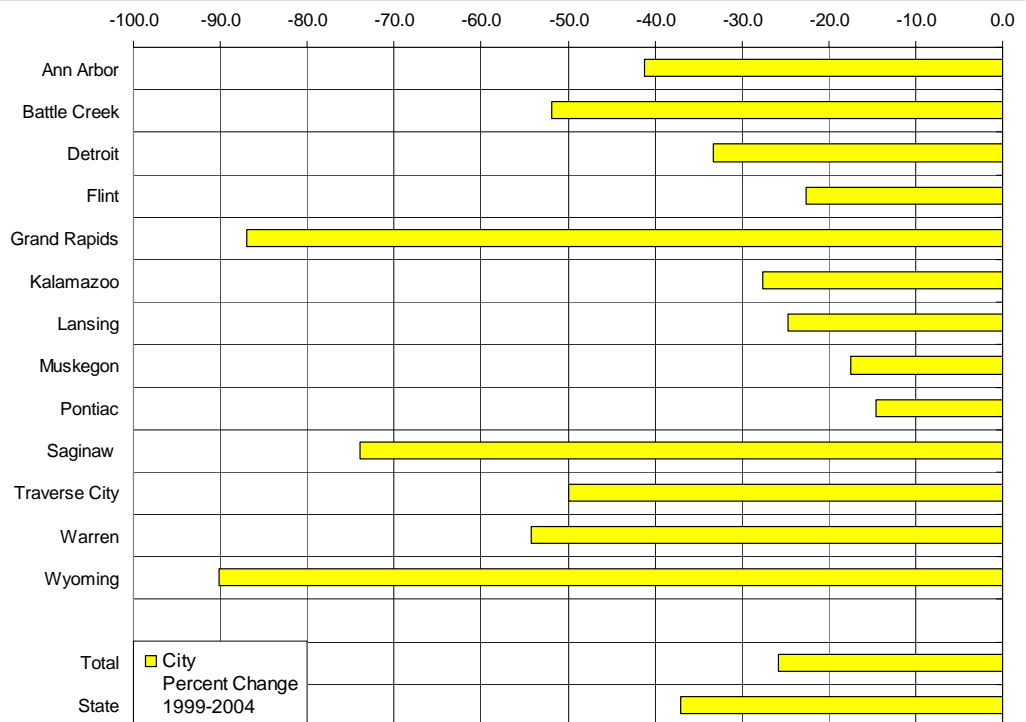
Note: The TRI is a database that contains detailed information on nearly 650 chemicals and chemical categories that industrial and other facilities manage through disposal or other releases, recycling, energy recovery, or treatment. The data are collected from industries including manufacturing, metal and coal mining, electric utilities, commercial hazardous waste treatment, and other industrial sectors.

## On-site releases have declined in most cities, but not as rapidly as the state total.

On-site disposal or other releases include emission to the air, discharge to bodies of water, disposal at the facility to the land and disposal in underground injection wells.

On-site releases increased in Warren and Lansing.

Wyoming and Grand Rapids saw declines of almost 90 percent in on-site releases.



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