

Michigan Toxic Chemical Releases and Transfers - 1999-2007 (lbs./year)



Based on report data from Michigan SARA Title III TRI database, as of October 2008

	<i>Pounds per year</i>									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Number of Facilities	964	949	975	981	960	936	921	905	818	
<i>On-site Disposal</i>										
Underground Injection Class I Wells	2,571,894	2,554,416	3,120,002	3,204,779	2,151,836	1,803,481	1,053,002	3,808,589	509,197	
Land Disposal (RCRA and Other Landfills)	11,650,045	26,889,107	17,298,761	5,167,373	6,579,952	7,046,205	7,105,460	8,039,959	8,986,178	
<i>On-site Releases or Other Disposal</i>										
Air Releases	74,680,727	68,591,068	57,196,121	55,507,881	50,781,325	48,130,102	52,824,318	48,942,176	49,428,395	
Surface Water Discharges	1,125,986	1,181,185	1,095,474	834,505	1,223,548	902,205	660,696	625,052	576,303	
Land Releases (Surface Impoundment and Land Application)	5,164,743	6,140,724	4,965,738	6,701,189	6,579,952	7,046,205	7,105,460	5,708,676	7,240,408	
Total On-site Disposal and Releases	95,193,442	105,356,501	83,676,197	71,415,726	65,540,794	62,868,732	69,106,290	67,124,452	66,740,481	
<i>Off-site Disposal</i>										
Off-site Disposal (Landfills and Class I injection wells)	34,401,778	32,862,717	46,391,045	59,753,484	35,849,461	32,040,433	26,938,163	23,775,637	26,405,877	
Other Off-site Disposal and Releases	12,888,048	7,290,849	3,253,668	4,006,410	3,377,142	4,008,475	6,637,137	4,593,444	3,626,775	
Total Off-site Disposal and Releases	47,289,826	40,153,566	49,644,712	63,759,894	39,226,603	36,048,908	33,575,300	28,369,081	30,032,652	
Total On- and Off-site Disposal and Releases	142,483,268	145,510,066	133,320,909	135,175,620	104,767,397	98,917,640	102,681,590	95,493,532	96,773,133	
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POTW Discharges	16,786,388	19,265,649	15,750,094	13,945,494	10,631,772	10,494,061	10,522,766	8,981,779	9,272,467	
<i>Waste Managed Off-site</i>										
Energy Recovery	132,914,513	118,229,512	201,403,089	186,272,686	139,498,788	131,201,561	81,879,745	54,762,433	48,775,129	
Recycled	140,649,268	120,338,538	97,082,865	100,760,057	105,998,780	102,634,554	107,479,014	101,134,281	79,638,139	
Treated	37,265,465	20,043,180	19,457,145	21,946,533	19,253,376	20,989,982	27,417,675	17,127,383	11,724,086	
Total Transfers Off-site for Further Waste Management	327,615,634	277,876,878	333,693,193	322,924,770	275,382,716	265,320,158	227,299,200	182,005,876	149,409,822	