

Michigan Toxic Chemical Releases and Transfers - 1998-2006 (lbs./year)



Based on report data from Michigan SARA Title III TRI database,
as of October 17, 2007

	<i>Pounds per year</i>									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	
Number of Facilities	998	964	949	975	978	955	934	911	874	
<i>On-site Disposal</i>										
Underground Injection Class I Wells	3,460,359	2,571,894	2,554,416	3,120,002	3,204,779	2,151,836	1,803,481	1,053,002	3,808,589	
Land Disposal (RCRA and Other Landfills)	13,979,721	11,650,045	26,889,107	17,298,761	5,167,373	6,579,952	7,046,205	7,462,814	8,039,962	
<i>On-site Releases or Other Disposal</i>										
Air Releases	73,480,709	74,680,727	68,591,068	57,196,121	55,505,621	50,746,939	48,165,215	52,793,065	48,736,579	
Surface Water Discharges	1,041,464	1,125,986	1,181,185	1,095,474	834,505	1,223,545	902,205	665,395	625,278	
Land Releases (Surface Impoundment and Land Application)	5,921,173	5,164,743	6,140,724	4,965,738	6,701,189	6,579,952	7,046,205	7,105,460	5,708,674	
Total On-site Disposal and Releases	97,883,426	95,193,442	105,356,501	83,676,197	71,413,467	65,506,406	62,903,844	69,079,735	66,919,083	
<i>Off-site Disposal</i>										
Off-site Disposal (Landfills and Class I injection wells)	35,667,351	34,401,778	32,862,717	46,391,045	59,753,484	35,849,461	32,040,433	26,929,573	23,092,187	
Other Off-site Disposal and Releases	4,525,521	12,888,048	7,290,849	3,253,668	4,006,410	3,377,142	4,008,475	6,637,136	4,559,715	
Total Off-site Disposal and Releases	40,192,872	47,289,826	40,153,566	49,644,712	63,759,894	39,226,603	36,048,908	33,566,709	27,651,901	
Total On- and Off-site Disposal and Releases	138,076,298	142,483,268	145,510,066	133,320,909	135,173,361	104,733,008	98,952,752	102,646,444	94,570,984	
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POTW Discharges	19,619,130	16,786,388	19,265,649	15,750,094	13,945,494	10,631,770	10,494,059	10,522,263	8,407,934	
<i>Waste Managed Off-site</i>										
Energy Recovery	199,958,986	132,914,513	118,229,512	201,403,089	186,422,688	139,498,788	131,201,561	81,877,597	55,188,195	
Recycled	130,448,212	140,649,268	120,338,538	97,082,865	100,760,057	105,170,762	95,019,620	104,057,591	100,685,414	
Treated	69,232,474	37,265,465	20,043,180	19,457,145	21,972,531	19,134,915	21,016,114	27,417,443	17,113,671	
Total Transfers Off-site for Further Waste Management	419,258,802	327,615,634	277,876,878	333,693,193	323,100,770	274,436,235	257,731,354	223,874,894	181,395,214	