

**Report on the Environment
Hazardous Waste Generated and Managed Indicator**

Report run on: September 28, 2015 - 3:01 PM

Version: 5.0

User Selection Criteria

Report Data: Both GM Onsite and WR

Report Description

This report shows the quantity of hazardous waste managed, as reported on either the GM onsite form or WR form, for the following management categories: Material Recovery (H010, H020, H039); Energy Recovery (H050); Treatment (H040, H101, H110, H111, H112, H129); Land Disposal (H131, H132, H134), and Storage/Bulking/Transfer (H141). Waste streams are included in this analysis if: 1) the facility was marked for inclusion in the National Biennial Report; 2) the waste stream was marked for inclusion in the National Biennial Report - Note: this exclusion does not apply to management method H141; and 3) the waste stream is not a wastewater (form code is not equal to W101, W105, W107, W110, W113, or W119) - Note: this exclusion does not apply to management method H134.

For this report, generation is calculated as the quantity of hazardous waste managed by Material Recovery, Energy Recovery, Treatment, and Deepwell or Underground Injection.

The report shows these quantities for each Biennial Report cycle that has been finalized since and including 2001.

Report Information

Name: w_roe_mgmt_indicator.rdf
Developed by: EPA Headquarters, Office of Resource Conservation and Recovery
Deployed: August 2015
Last Revised: September 2015
Contact: rcrainfo.help@epa.gov
Tables Used: br_reporting, breport_cycle, lu_management_method

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GM Onsite and WR (Tons)

Material Recovery (MR)

Management Method	2001	2003	2005	2007	2009	2011	2013
H010-Metals Recovery	915,779	1,126,953	1,399,101	1,231,712	1,206,715	1,015,462	1,057,182
H020-Solvents Recovery	426,687	261,775	301,700	313,794	243,919	246,705	221,489
H039-Other Recovery	1,415,350	642,724	231,951	282,568	283,928	170,168	442,139
<i>Subtotal:</i>	<i>2,757,816</i>	<i>2,031,453</i>	<i>1,932,753</i>	<i>1,828,073</i>	<i>1,734,562</i>	<i>1,432,334</i>	<i>1,720,810</i>

Energy Recovery (ER)

Management Method	2001	2003	2005	2007	2009	2011	2013
H050-Energy Recovery	1,932,316	1,730,639	1,939,163	2,039,494	1,650,549	1,519,274	1,510,028
<i>Subtotal:</i>	<i>1,932,316</i>	<i>1,730,639</i>	<i>1,939,163</i>	<i>2,039,494</i>	<i>1,650,549</i>	<i>1,519,274</i>	<i>1,510,028</i>

Treatment (T)

Management Method	2001	2003	2005	2007	2009	2011	2013
H040-Incineration	1,515,644	1,134,170	1,414,467	858,498	728,717	757,383	807,995
H101-Sludge Treatment And/Or Dewatering	153,765	20,130	12,379	19,696	21,399	30,849	
H111-Stabilization Or Chemical Fixation	1,202,371	743,808	452,730	635,460	590,597	583,032	
H112-Macro-Encapsulation	1,313	1,724	1,621	8,449	908	10,677	
H129-Other Treatment	417,364	585,359	1,716,678	162,739	779,843	1,012,382	64,046
<i>Subtotal:</i>	<i>3,290,457</i>	<i>2,485,190</i>	<i>3,597,875</i>	<i>1,684,842</i>	<i>2,121,466</i>	<i>2,394,322</i>	<i>872,040</i>

Land Disposal (Ultimate Disposal)

Management Method	2001	2003	2005	2007	2009	2011	2013
H131-Land Treatment Or Application	22,460	15,521	3,391	2,870	10,228	1,199	96,225
H132-Landfill Or Surface Impoundment	1,785,143	1,603,918	1,927,095	1,860,334	1,914,790	1,175,441	1,254,005
H134-Deepwell Or Underground Injection	20,000,144	14,479,172	22,639,030	23,460,111	20,488,526	22,852,829	23,541,149
<i>Subtotal:</i>	<i>21,807,747</i>	<i>16,098,612</i>	<i>24,569,516</i>	<i>25,323,314</i>	<i>22,413,544</i>	<i>24,029,469</i>	<i>24,891,378</i>

Storage/Bulking/Transfer

Management Method	2001	2003	2005	2007	2009	2011	2013
H141-Storage, Bulking And/Or Transfer Off Site	623,718	781,778	784,417	549,602	749,428	387,226	508,364
<i>Subtotal:</i>	<i>623,718</i>	<i>781,778</i>	<i>784,417</i>	<i>549,602</i>	<i>749,428</i>	<i>387,226</i>	<i>508,364</i>

Total:	30,412,055	23,127,672	32,823,724	31,425,326	28,669,548	29,762,626	30,130,147
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Generation = MR + ER + T + H134 =	27,980,733	20,726,455	30,108,821	29,012,520	25,995,103	28,198,760	28,271,553
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Note: The tons managed reported in 2001 for H141 excludes 1,784,435 tons of waste managed onsite by a facility in Texas, based on information gathered in February 2006.