

Report on the Environment Hazardous Waste Generated and Managed Indicator

Report run on: August 18, 2015 - 11:22 AM

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

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

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GM Onsite and WR (Tons)

Material Recovery (MR)

Management Method	2001	2003	2005	2007	2009	2011	2013
H010-Metals Recovery	913,944	1,124,149	1,397,661	1,230,942	1,205,292	1,016,140	1,057,182
H020-Solvents Recovery	398,388	254,914	293,570	304,925	232,215	261,618	221,489
H039-Other Recovery Or Reclamation For Reuse	957,896	640,308	229,284	279,808	280,855	177,119	442,139
<i>Subtotal:</i>	<i>2,270,227</i>	<i>2,019,371</i>	<i>1,920,516</i>	<i>1,815,675</i>	<i>1,718,363</i>	<i>1,454,877</i>	<i>1,720,810</i>

Energy Recovery (ER)

Management Method	2001	2003	2005	2007	2009	2011	2013
H050-Energy Recovery	1,697,011	1,463,832	1,695,112	1,737,910	1,403,275	1,534,924	1,510,028
<i>Subtotal:</i>	<i>1,697,011</i>	<i>1,463,832</i>	<i>1,695,112</i>	<i>1,737,910</i>	<i>1,403,275</i>	<i>1,534,924</i>	<i>1,510,028</i>

Treatment (T)

Management Method	2001	2003	2005	2007	2009	2011	2013
H040-Incineration	1,388,559	1,090,887	1,366,157	818,280	680,029	776,709	807,995
H101-Sludge Treatment And/Or Dewatering	153,746	20,113	12,375	19,597	21,291	30,849	NA
H110-Stabilization	NA	NA	NA	NA	NA	NA	627,526
H111-Stabilization Or Chemical Fixation	1,199,862	739,927	449,271	635,460	590,597	623,866	NA
H112-Macro-Encapsulation	1,313	1,621	1,333	8,449	908	10,677	NA
H129-Other Treatment	417,326	501,426	1,598,966	128,479	779,691	1,018,605	64,046
<i>Subtotal:</i>	<i>3,160,806</i>	<i>2,353,975</i>	<i>3,428,103</i>	<i>1,610,266</i>	<i>2,072,516</i>	<i>2,460,705</i>	<i>1,499,566</i>

Land Disposal (Ultimate Disposal)

Management Method	2001	2003	2005	2007	2009	2011	2013
H131-Land Treatment Or Application	22,460	15,521	3,248	1,970	10,228	1,199	96,225
H132-Landfill Or Surface Impoundment	1,782,629	1,600,950	1,923,716	1,854,779	1,908,919	1,178,196	1,254,005
H134-Deepwell Or Underground Injection	17,681,650	14,479,172	21,749,369	22,444,864	19,672,985	22,852,829	24,419,824
<i>Subtotal:</i>	<i>19,486,739</i>	<i>16,095,644</i>	<i>23,676,332</i>	<i>24,301,613</i>	<i>21,592,132</i>	<i>24,032,224</i>	<i>25,770,053</i>

Storage/Bulking/Transfer

Management Method	2001	2003	2005	2007	2009	2011	2013
H141-Storage, Bulking And/Or Transfer Off Site	613,359	774,946	719,761	541,215	744,416	452,539	508,442
<i>Subtotal:</i>	<i>613,359</i>	<i>774,946</i>	<i>719,761</i>	<i>541,215</i>	<i>744,416</i>	<i>452,539</i>	<i>508,442</i>

Total:	27,228,142	22,707,767	31,439,824	30,006,678	27,530,702	29,935,269	31,008,899
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Generation = MR + ER + T + H134 =	24,809,694	20,316,350	28,793,100	27,608,713	24,867,139	28,303,336	29,150,228
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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.