



U.S. Environmental Protection Agency

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2004 National Fact Sheet

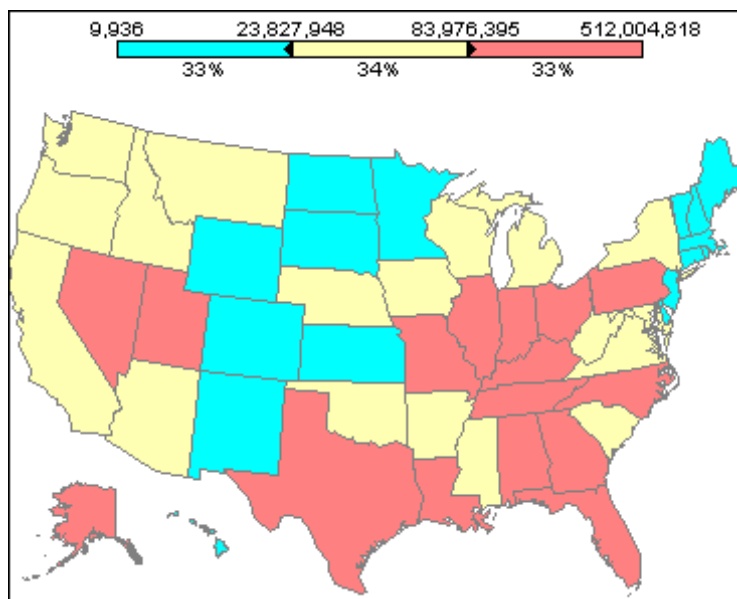
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United States

Data source: 2004 Data Update as of June 9, 2006

Reported Disposal or Other Releases and Other Waste Management Activities (in pounds)

	Total
On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and other Landfills	
Class I Wells	210,257,595
RCRA Subtitle C Landfills	135,491,465
Other Landfills	256,286,535
SubTotal	602,035,595
Other On-site Disposal or Other Releases	
Fugitive Air Emissions	198,072,838
Point Source Air Emissions	1,345,676,388
Surface Water Discharges	241,095,004
Class II-V Wells	27,708,480
Land Treatment	19,648,765
RCRA Subtitle C Surface Impoundment	6,524,230
Other Surface Impoundments	720,783,308
Other Land Disposal	541,314,655
SubTotal	3,100,823,669
Total On-site Disposal or Other Releases	3,702,859,263
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and other Landfills	
Underground Injection to Class I Wells	16,008,044
RCRA Subtitle C Landfills	64,374,135
Other Landfills	269,186,972
SubTotal	349,569,152
Other Off-site Disposal or Other Releases	
Storage Only	9,096,249
Solidification/Stabilization (metals only)	78,514,495
Wastewater Treatment (metals only)	2,104,570
Transfers to POTWs (metals only)	1,651,136
Underground Injection to Class II-V Wells	292,548
RCRA Subtitle C Surface Impoundment	216,012
Other Surface Impoundments	6,336,141
Land Treatment	8,643,744
Other Land Disposal	39,755,263
Other Off-site Management	14,242,290
Transfers to Waste Broker for Disposal	16,322,990
Unknown	5,696,472



The map colors states according to the total on-site disposal or other releases reported by TRI facilities in the state.

U.S./TRI Data

Population	293,656,842
Square Miles	3,794,083
Total Facilities	23,853
Total Forms	90,095
Form As	10,978

On- and Off-site Waste Management (in pounds)

	Total
Recycled On-site	7,235,526,218
Recycled Off-site	2,272,285,541
Energy Recovery On-site	2,609,213,162
Energy Recovery Off-site	648,493,841
Treated On-site	8,468,070,895
Treated Off-site	564,115,662
Total On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	595,200,589
Total other On-site Disposal or Other Releases	3,083,320,485
Total Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	393,938,055

SubTotal	182,871,910	Total other Off-site Disposal or Other Releases	248,086,214
Total Off-site Disposal or Other Releases	532,441,062	Total Production-related Waste Managed	26,118,250,662
Total On- and Off-site Disposal or Other Releases	4,235,300,325	Non-production-Related Waste Managed	18,872,425

For More Information . . .

Transfers Off-site for Further Waste Management (in pounds)

Recycling	4,189,639,034
Energy Recovery	2,272,240,053
Treatment	653,544,145
POTWs	326,077,665
Metals and Metal Compounds	259,649,422
Non-metal TRI Chemicals	1,651,136
Other Off-site Transfers	257,998,285
Other Transfers Off-site for Disposal or Other Releases	72,275,136
	605,852,614

EPA Headquarters Contact

U.S. Environmental Protection Agency
Attn: TRI Program
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1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

To Obtain TRI data and documents:

Phone: (202) 564-9554
E-mail: tridocs@epa.gov
URL: <http://www.epa.gov/tri/tridata/tri01>

TRI User Support Service (TRI-US):

Phone: (202) 566-0250
E-mail: tri.us@epa.gov

Note:

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment/Application Farming (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Compounds only (M62 or M61), Surface Impoundments (M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal compounds only).

Off-site disposal or other releases show only net off-site disposal or other releases, that is, off-site disposal or other releases transferred to other TRI facilities reporting such transfers as on-site disposal or other releases are not included to avoid double counting.

Transfers to Recycling are Section 6.2, sum of Solvents/Organics Recovery (M20), Metals Recovery (M24), Other Reuse or Recovery (M26), Acid Regeneration (M28) and Transfer to Waste Broker - Recycling (M93)). Transfers to Energy Recovery are Section 6.2, sum of Energy Recovery (M56) and Transfer to Waste Broker - Energy Recovery (M92)). Transfers to Treatment are Section 6.2, sum of Solidification/Stabilization (M40, except for metals and metal compounds), Incineration/Thermal Treatment (M50), Incineration/Insignificant Fuel Value (M54), Wastewater Treatment (excluding POTWs) (M61, except for metals and metal compounds), Other Waste Treatment (M69) and Transfer to Waste Broker - Waste Treatment (M95)). Transfers to POTWs (non-metals) are Section 6.1 (except metals and metal compounds). Transfers to POTWs (metals and metal compounds) are Section 6.1 (metals and metal compounds only). Other off-site transfers are Section 6.2 sum of amounts with no code or invalid code.

Other transfers off-site to disposal or other releases do not include transfers to POTWS of metals and metal compounds and are Section 6.2, sum of Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64), Storage Only (M10), Solidification/Stabilization - Metals and Metal Compounds only (M41), Solidification/Stabilization (M40 metals and metal compounds only), Wastewater Treatment (excluding POTWs) - Metals and Metal Compounds only (M62), Wastewater Treatment (excluding POTWs) (M61 metals and metal compounds only), Surface Impoundments (M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94 or M91), and Unknown (M99).

A choropleth map is a map which colors regions or areas according to the value of data defined for that area. The choropleth maps presented here color states, or counties, according to aggregations of TRI data reported by facilities in that area. Coloring an area with one color is not meant to imply that the TRI amounts are uniformly distributed throughout that area; instead it should be interpreted as a color representing, for example, the total amounts reported by facilities in that area. Choropleth maps are one of the most commonly used

means of displaying areal data.

Population for states and Puerto Rico from <http://www.census.gov/popest/states/NST-ann-est.html>

For Island areas from <http://www.census.gov/population/www/cen2000/islandareas.html>

Square miles from http://www.census.gov/population/censusdata/90den_stco.txt

Total Facilities is the number of facilities located within the jurisdiction that submitted at least one TRI Form for 2004. Total Forms is the number of TRI Forms submitted from facilities located within the jurisdiction for 2004. Form As is the number of TRI Form As submitted by facilities located within the jurisdiction for 2004.

On- and Off-site Waste Management from Section 8, Column B (Recycled On-site (8.4), Recycled Off-site (8.5), Energy Recovery (8.2), Energy Recovery (8.3), Treated On-site (8.6), Treated Off-site (8.7) and Quantity Disposed of or Otherwise Released On- and Off-site (8.1)). Non-production-related waste managed from Section 8.8.

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