

http://www.epa.gov/cgi-bin/broker?view=STCO&trilib=TRIQ0&state=72&SFS=YES&year=2008&\_service=oi&\_program=xp\_tri.sasmacr.tristart.macro  
 Last updated on Saturday, December 12th, 2009.



# TRI Explorer

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## 2008 State Fact Sheet

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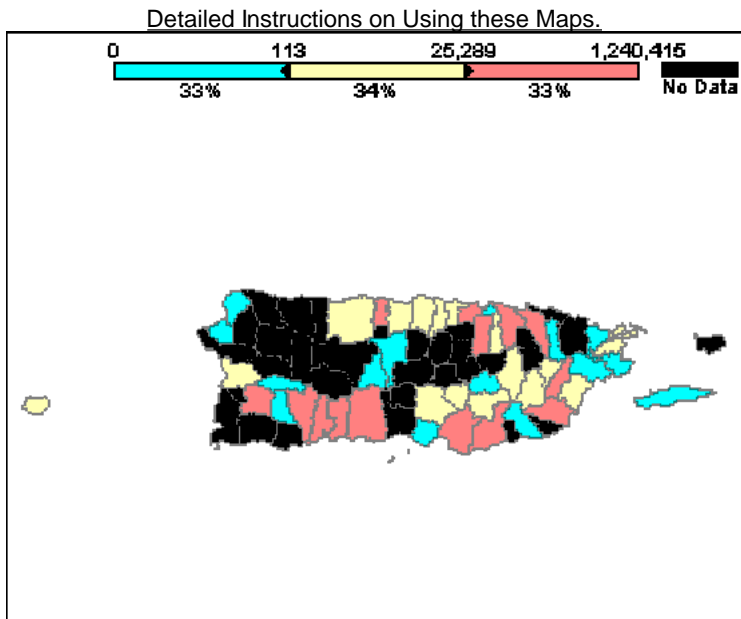
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## Puerto Rico

Data source: Release Year 2008 national analysis data set frozen on September 17, 2009 and released to the public in December 2009

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

On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and other Landfills	Total
Class I Wells	0
RCRA Subtitle C Landfills	0
Other Landfills	1
<b>SubTotal</b>	<b>1</b>
Other On-site Disposal or Other Releases	
Fugitive Air Emissions	598,347
Point Source Air Emissions	4,046,638
Surface Water Discharges	14,707
Class II-V Wells	0
Land Treatment	0
RCRA Subtitle C Surface Impoundment	0
Other Surface Impoundments	0
Other Land Disposal	10,411
<b>SubTotal</b>	<b>4,670,104</b>
<b>Total On-site Disposal or Other Releases</b>	<b>4,670,105</b>
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and other Landfills	
Underground Injection to Class I Wells	0
RCRA Subtitle C Landfills	30
Other Landfills	114,102
<b>SubTotal</b>	<b>114,132</b>
Other Off-site Disposal or Other Releases	
Storage Only	228,741
Solidification/Stabilization (metals only)	19,080
Wastewater Treatment (metals only)	7
Transfers to POTWs (metals only)	878
Underground Injection to Class II-V Wells	0
RCRA Subtitle C Surface Impoundment	0
Other Surface Impoundments	1
Land Treatment	43,487
Other Land Disposal	2,448



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

<b>State/TRI Data</b>	
Population	3,954,037
Square Miles	3,427
Total Facilities	123
Total	425
Forms	46
Form As	46

<b>On- and Off-site Waste Management (in pounds)</b>	Total
Recycled On-site	15,695,263
Recycled Off-site	11,436,100
Energy Recovery On-site	290,083
Energy Recovery Off-site	12,647,857
Treated On-site	12,593,856
Treated Off-site	9,388,265
Total On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	1
Total other On-site Disposal or Other Releases	4,669,810

Other Off-site Management	11,718	Total Off-site Disposal to Class I	
Transfers to Waste Broker for		Underground Injection Wells, RCRA	
Disposal	316	Subtitle C Landfills, and Other Landfills	119,459
Unknown	113,920	Total other Off-site Disposal or Other	
<b>SubTotal</b>	<b>420,596</b>	Releases	1,000,130
<b>Total Off-site Disposal or</b>		<b>Total Production-related Waste</b>	
<b>Other Releases</b>	<b>534,729</b>	<b>Managed</b>	<b>67,840,824</b>
<b>Total On- and Off-site</b>		<b>Non-production-Related Waste</b>	
<b>Disposal or Other Releases</b>	<b>5,204,834</b>	<b>Managed</b>	<b>318,146</b>

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

Recycling	34,905,629
Energy Recovery	11,467,184
Treatment	12,714,857
POTWs	9,240,692
Metals and Metal Compounds	937,562
Non-metal TRI Chemicals	878
Other Off-site Transfers	936,683
Other Transfers Off-site for Disposal or Other Releases	0
	545,334

**For More Information . . .**

<b>State Contact</b>	<b>EPA Regional Contact</b>
<u>TRI State Contacts</u>	<u>TRI Regional Contacts</u>

**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> [EXIT Disclaimer](#)

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

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Square miles from [http://www.census.gov/population/censusdata/90den\\_stco.txt](http://www.census.gov/population/censusdata/90den_stco.txt) [EXIT Disclaimer](#)

Total Facilities is the number of facilities located within the jurisdiction that submitted at least one TRI Form for 2008. Total Forms is the number of TRI Forms submitted from facilities located within the jurisdiction for 2008. Form As is the number of TRI Form As submitted by facilities located within the jurisdiction for 2008.

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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*This request took 0.65 seconds of real time (v9.2 build 1495).*