



# U.S. Environmental Protection Agency

## TRI Explorer

[Recent Additions](#) | [Contact Us](#) | [Print Version](#)
Search: **GO**
[EPA Home](#) > [TRI](#) > [TRI Explorer \(ver 4.5\)](#) > Reports

## 2004 State Fact Sheet

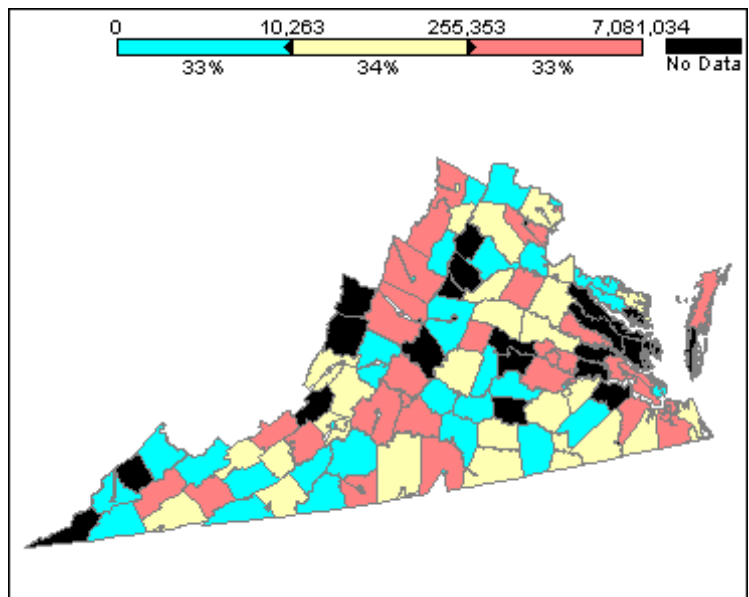
[See Note](#)[Go To New Report](#)

## Virginia

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  | 0                 |
| RCRA Subtitle C Landfills  | 513               |
| Other Landfills  | 3,691,593         |
| <b>SubTotal</b>  | <b>3,692,106</b>  |
| Other On-site Disposal or Other Releases   |                   |
| Fugitive Air Emissions   | 4,891,194         |
| Point Source Air Emissions   | 42,539,120        |
| Surface Water Discharges   | 9,146,572         |
| Class II-V Wells   | 0                 |
| Land Treatment   | 326,658           |
| RCRA Subtitle C Surface Impoundment  | 0                 |
| Other Surface Impoundments   | 1,402,338         |
| Other Land Disposal  | 193,902           |
| <b>SubTotal</b>  | <b>58,499,784</b> |
| <b>Total On-site Disposal or Other Releases</b>  | <b>62,191,889</b> |
| Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and other Landfills |                   |
| Underground Injection to Class I Wells   | 31,710            |
| RCRA Subtitle C Landfills  | 1,303,804         |
| Other Landfills  | 7,064,006         |
| <b>SubTotal</b>  | <b>8,399,520</b>  |
| Other Off-site Disposal or Other Releases  |                   |
| Storage Only   | 464,981           |
| Solidification/Stabilization (metals only)   | 130,861           |
| Wastewater Treatment (metals only)   | 19,081            |
| Transfers to POTWs (metals only)   | 62,286            |
| Underground Injection to Class II-V Wells  | 0                 |
| RCRA Subtitle C Surface Impoundment  | 0                 |
| Other Surface Impoundments   | 12,179            |
| Land Treatment   | 61,473            |
| Other Land Disposal  | 164,967           |
| Other Off-site Management  | 48,472            |
| Transfers to Waste Broker for Disposal   | 301,263           |
| Unknown  | 5,001             |
| <b>SubTotal</b>  | <b>1,270,564</b>  |
| <b>Total Off-site Disposal or Other Releases</b>   | <b>9,670,084</b>  |
| <b>Total On- and Off-site Disposal or Other Releases</b>   | <b>71,861,973</b> |
| <b>Transfers Off-site for Further Waste Management (in pounds)</b>                                       | <b>63,405,402</b> |



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

#### State/TRI Data

|                  |           |
|------------------|-----------|
| Population       | 7,481,332 |
| Square Miles     | 42,774    |
| Total Facilities | 493       |
| Total Forms      | 1,794     |
| Form As          | 203       |

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

|  | Total       |
|--|-------------|
| Recycled On-site   | 93,612,786  |
| Recycled Off-site  | 22,705,712  |
| Energy Recovery On-site  | 15,171,167  |
| Energy Recovery Off-site   | 13,223,956  |
| Treated On-site  | 153,598,668 |
| Treated Off-site   | 15,761,993  |
| Total On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills  | 3,693,346   |
| Total other On-site Disposal or Other Releases   | 58,614,263  |
| Total Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills | 8,714,419   |
| Total other Off-site Disposal or Other Releases  | 2,830,644   |

|  |            |   |  |
|--|------------|---|--|
| Recycling                                | 22,900,226 | <b>Total Production-related Waste Managed</b> | <b>387,926,954</b>   |
| Energy Recovery                          | 13,217,710 | <b>Non-production-Related Waste Managed</b>   | <b>68,426</b>  |
| Treatment                                | 1,765,826  |   |  |
| POTWs                                    | 15,604,458 |   |  |
| Metals and Metal Compounds               | 62,286     | <b>For More Information . . .</b>             |  |
| Non-metal TRI Chemicals                  | 15,542,172 |   |  |
| Other Off-site Transfers                 | 8,777      | <b>State Contact</b>                          | <b>EPA Regional Contact</b>                                |
| Other Transfers Off-site for Disposal or |            |   | <b>TRI User Support Service (TRI-US):</b>                  |
| Other Releases                           | 9,908,406  | <a href="#">TRI State Contacts</a>            | <a href="#">TRI Regional Contacts</a>                      |
|  |            |   | Phone: (202) 566-0250                                      |
|  |            |   | E-mail: <a href="mailto:tri.us@epa.gov">tri.us@epa.gov</a> |

**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](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.

---

*This request took 0.78 seconds of real time (v9.1 build 1461).*