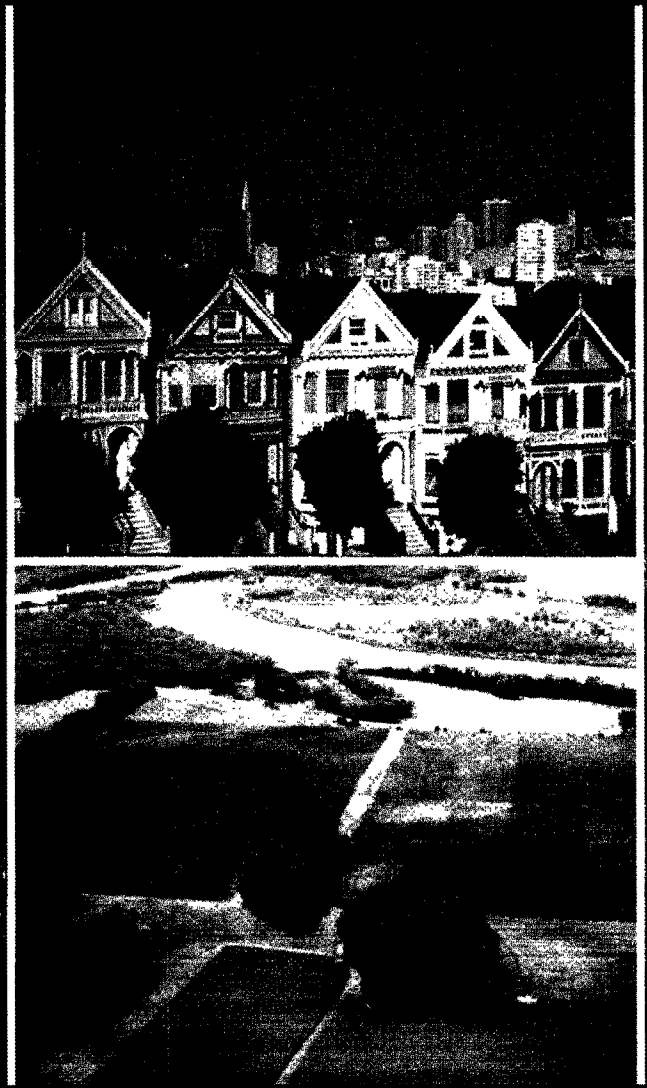
01 Toxics Release Inventory (TRI)

Public Data Release

260-F-03-002

State Fact Sheets



Public Access to the Toxics Release Inventory (TRI)

TRI Data Products

Data Product	Point of Access	Contact Information
2001 TRI Executive Summary (reference EPA 260-S-03-001) 2001 TRI Public Data Release Report (reference EPA 260-R-03-001)	U.S. Environmental Protection Agency ATTN: TRI Documents MC 2844T (EPA West, 5th Floor) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460	(202) 564-9554 E-mail: tridocs@epa.gov
2001 State Fact Sheets (reference EPA 260-F-03-002)	U.S. EPA Toxics Release Inventory (TRI) Website — 2001 Data Release	http://www.epa.gov/tri/tridata/tri01
2001 State Data Files in ASCII Delimited format	U.S. EPA Toxics Release Inventory (TRI) Website	http://www.epa.gov/tri/tridata/tri01
Chemicals in Your Community (reference EPA 550-K-99-001)	U.S. EPA's National Service Center for Environmental Publications (NSCEP)	(800) 490-9198 (513) 489-8190 FAX: (513) 489-8695 order online: http://www.epa.gov/ncepihom

TRI Online Access

Online Provider of TRI Data	Internet Access Address
TRI Explorer provides fast and easy access to the TRI data via U.S. EPA's latest TRI tool	http://www.epa.gov/triexplorer
U.S. EPA's TRI Program Homepage and 2001 data release page	http://www.epa.gov/tri http://www.epa.gov/tri/tridata/tri01
U.S. EPA's Envirofacts provides access to TRI data via U.S. EPA's Envirofacts Data Warehouse Query Engine	http://www.epa.gov/enviro/html/toxic_releases.html
Right-to-Know Network, operated by two nonprofit organizations (OMB Watch and the Center for Public Data Access), provides free access to TRI Data	http://www.rtknet.org
TOXNET® the National Library of Medicine's (NLM) Toxicology Data Network, provides free access to TRI data	http://toxnet.nlm.nih.gov/

EPA 260-F-03-002
July 2003

2001 Toxics Release Inventory State Fact Sheets

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Region 5, Library (PL-12J)
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Chicago, IL 60604-3590

U.S. Environmental Protection Agency

Office of Environmental Information (2810A)

Washington, D.C. 20460

Also available from:

www.epa.gov/tri/tridata/tri01

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INTRODUCTION

The fact sheets in this document summarize the basic 2001Toxics Release Inventory (TRI) data for each state. This document serves as a companion volume to EPA's *2001 Toxics Release Inventory Public Data Release Report* (EPA 260-R-03-001), a more detailed examination of TRI data for 2001 and previous years.

The TRI is a publicly available database containing information about releases and other waste management of toxic chemicals reported by industrial facilities. The TRI was established by section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986. The Community Right-to-Know provisions of EPCRA are intended to provide information to the public about the presence and release of toxic chemicals in their communities. Following passage of the Pollution Prevention Act of 1990, the TRI was expanded to include reporting of additional waste management and pollution prevention activities.

For the reporting year 2000, TRI was expanded to include new persistent bioaccumulative toxic (PBT) chemicals. In addition, reporting thresholds were lowered for both the newly added PBT chemicals and certain PBT chemicals already on the TRI list. In the rule (64 FR 58666) finalized on October 29, 1999, EPA added six PBT chemicals and one PBT chemical compounds category. Two of the chemicals were added to the Polycyclic Aromatic Compounds (PACs) category. The rule also lowered the reporting threshold for 15 PBT chemicals and three PBT chemical categories.

For the reporting year 2001, the reporting thresholds for the PBT chemicals lead and lead compounds were lowered in a rule finalized on January 17, 2001 (66 FR 4500). The lower reporting threshold and requirements for lead and lead compounds are effective for the 2001 reporting year and applies to all lead and lead compounds except for lead when it is contained in stainless steel, brass, or bronze alloys. Chapter 3 of the companion volume *2001 Toxics Release Inventory Public Data Release Report* (EPA 260-R-03-001) presents detailed information and TRI data for the PBT chemicals.

In a separate action, as part of the rulemaking for the 2000 reporting year, EPA added vanadium compounds to the list of TRI chemicals and changed the reporting qualifier for vanadium (already on the list of TRI chemicals) from "fume or dust" to "except when contained in an alloy." Vanadium and vanadium compounds have not been classified as PBT chemicals.

Facilities in the manufacturing sector (Standard Industrial Classification codes 20 through 39) have been required to report to TRI since its inception. Beginning with reporting year 1994, federal facilities have also been required to report to TRI. Reporting year 1998 was the first year of reporting by seven additional industries:

- Metal mining (SIC code 10, except 1011, 1081, and 1094),
- Coal mining (SIC code 12, except 1241),
- Electrical utilities that combust coal and/or oil (SIC codes 4911, 4931, and 4939),
- RCRA subtitle C hazardous waste treatment and disposal facilities (in SIC code 4953),
- Chemical wholesale distributors (SIC code 5169),
- Petroleum terminals and bulk storage stations (SIC code 5171), and
- Solvent recovery services (SIC code 7389).

In the TRI public data release materials, including this volume, data submitted by two of these industries — solvent recovery services and RCRA subtitle C hazardous waste treatment and disposal facilities — are analyzed together.

By July 1 each year, facilities must report their estimated amounts of releases and other quantities of toxic chemicals managed as waste for the preceding calendar year. Facilities provide this information to EPA and to the state in which they are located. For 2001, 24,896 facilities filed 95,513 individual chemical reporting forms. After completion of data entry and data quality assurance activities, EPA makes these data available to the public through on-line databases and a variety of other means, including this report.

For further information about TRI and for assistance in obtaining TRI documents, contact the EPCRA Information Hotline at 1-800-424-9346. For assistance in obtaining access to the data, contact the TRI USer Support Service at (202) 566-0250 or via e-mail at tri.us@epa.gov. For further information about individual state TRI programs, contact the state TRI coordinator listed at the bottom of the fact sheet for that state.

TRI DATA BY STATE: OVERVIEW

Tables on the following pages summarize 2001 TRI reporting by state. For 2001, individual tables rank states and summarize their data for:

- **on- and off-site releases** (includes transfers out-of-state for disposal and excludes transfers to disposal sent to other TRI facilities that reported the amount as an on-site release),
- **on-site releases** (includes amounts released at the facility; excludes amounts transferred to other sites for disposal),
- **releases within each state** (includes off-site releases sent into the state by facilities in other locations, excludes transfers out-of-state for disposal, and excludes transfers to disposal sent to other TRI facilities that reported the amount as an on-site release),
- **transfers for further waste management, including disposal** — sent to recycling, energy recovery, treatment, and Publicly Owned Treatment Works (POTWs) or for disposal (excluding metals sent to POTWs), and
- **transfers of metals** (and their category compounds) and non-metals to POTWs.

Additional tables summarize on-site and off-site releases for the years 1998-2001, as well for the time period 1988-2001. Tables 6 through 9 present 1998-2001 data for the subset of chemicals that do not include persistent bioaccumulative toxic (PBT) chemicals and vanadium and vanadium compounds. The reporting thresholds for PBT chemicals on the TRI chemical list prior to 2000 have been lowered and the reporting definition for vanadium was changed. Other PBT chemicals were added to the TRI chemical list at the lowered threshold. In addition, vanadium compounds were also added. Therefore, amounts reported for 2000 and 2001 for these chemicals are not comparable to amounts reported in prior years.

The final table provides totals for on- and off-site releases for 1988 and 1998-2001. This last table does not include data on chemicals whose reporting requirements have changed during the period 1988 through 2000. Therefore, it does not include delisted chemicals, chemicals added in 1990, 1991, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, sulfuric acid, PBT chemicals, vanadium and vanadium compounds.

The following section, "Description of the Fact Sheets," explains data provided in these summary tables as well as in the individual state fact sheets.

DESCRIPTION OF THE FACT SHEETS

Each four-page state fact sheet provides the following:

State Summary Data (First Page for Each State)

- **Reported Releases and Other Waste Management Activities:**
  - **On- and Off-site Releases:** The amounts of toxic chemicals released to air, water, land, injected into underground wells (on-site releases) at reporting facilities within the state, and the amounts of toxic chemicals transferred off-site to disposal (off-site releases) by reporting facilities within the state. Off-site releases include transfers to disposal of all TRI chemicals plus transfers of metals and metal category compounds to solidification/stabilization, to wastewater treatment (excluding POTWs), and to POTWs because they are ultimately disposed. Off-site transfer data exclude amounts sent for disposal to other TRI facilities that report those amounts as on-site releases.
  - **Waste Management:** Quantities of TRI chemicals in production-related waste managed by reporting facilities, including recycling, energy recovery, and treatment on-site and off-site, as well as the quantity released on- and off-site. Non-production related waste managed includes quantities released as the result of one-time events, for example, remedial activities or catastrophic events.
- **Transfers Off-site for Further Waste Management, including Disposal:** Amounts of TRI chemicals sent off-site for further waste management —recycling, energy recovery, treatment, POTWs, or for disposal (off-site releases). For amounts transferred to POTWs, metals and metal category compounds are identified separately from non-metals.
- **State map** with circles marking the location of each facility reporting to the TRI in 2001. Circles are proportionally sized to represent each facility's total on-site releases.
- **Population and area** of the state, the **number of facilities** reporting to TRI from the state, and the **number of forms** submitted by those facilities. Population statistics for the 50 states and the District of Columbia are 2001 U.S. Census estimates as of July 1, 2001. The population statistics for American Samoa, Guam, the Northern Marianas, Puerto Rico, and the Virgin Islands are from the 2000 U.S. Census as of April 1, 2000.
- The state's **national rank** (and pounds) for total on- and off-site releases (includes transfers out-of-state for disposal and excludes transfer amounts sent to other TRI facilities reporting that amount as on-site releases), for total on-site releases (includes amounts released at the facility; excludes amounts transferred to other sites), for total releases within the state (includes off-site releases sent into the state by facilities in other locations, excludes transfers out-of-state for disposal and transfers to other TRI facilities in the state reporting that amount as on-site releases), and for total production-related waste managed.
- **Contact** names, telephone numbers, fax numbers and e-mail addresses for the state TRI coordinator and for the EPA TRI coordinator for the region in which the state is located.

Total On- and Off-site Releases is not the same as Quantity Released On- and Off-site. These *State Fact Sheets* present these amounts on the first page for each state. Facilities are also ranked separately in each state for both of these measures of releases.

The difference between these amounts arises primarily from the types of releases reported on different sections of the Form R. Total On- and Off-site Releases reflects all on-site releases collected in Section 5 of Form R plus off-site releases (transfers off-site for disposal) reported in Section 6 (including metals and metal category compounds transferred to solidification/stabilization and to wastewater treatment, including POTWs). The Quantity Released On- and Off-site is reported in Section 8.1 of Form R. This quantity reflects production-related releases and excludes releases associated with catastrophic events, remedial actions, and other one-time events not related to production.

Other reasons also contribute to the different quantities reported in different sections of the Form R. For example, a release or transfer of less than 1,000 pounds may be reported in ranges in Section 5 and 6 whereas an exact amount must be included in Section 8.

In 2001, some facilities reported transfers of metals and metal category compounds to solidification/stabilization and to wastewater treatment (excluding POTWs) using incorrect disposal codes in Section 6 of Form R (codes M40 and M61). For the *2001 TRI Public Data Release Report* and the *2001 State Fact Sheets*, off-site releases include these amounts. These facilities may have reported these transfers in Section 8 as treated off-site rather than incorporating the amounts into Quantity Released On- and Off-site. Because of the differences between Section 6 and Section 8 reporting, EPA cannot correct these Section 8 quantities.

Chemicals and Facilities with the Largest Amounts (Second through Fourth Pages for Each State)

Chemicals and facilities are ranked separately for all chemicals and for persistent bioaccumulative toxic (PBT) chemicals. PBT chemicals on the TRI chemical list prior to the 2000 reporting year have had their reporting threshold lowered while other PBT chemicals were added to the TRI list for 2000.

- The **5 chemicals released in the state in the largest amounts** (including transfers into the state for disposal and excluding transfers out-of-state for disposal, as well as transfers within the state to other TRI facilities reporting that amount as on-site releases). Ranking of chemicals includes on-site releases reported in Section 5 of TRI's Form R and off-site releases (reported in Section 6 of TRI's Form R, including transfers of metals and metal category compounds to solidification/stabilization and to wastewater treatment including POTWs). Data on all transfers into, within, and out of the state are also presented.

- **Releases of each PBT chemical** (including transfers into the state for disposal and excluding transfers out-of-state for disposal, as well as transfers within the state to other TRI facilities reporting that amount as on-site releases). The PBT chemicals are ranked based on on-site releases reported in Section 5 of TRI's Form R and off-site releases (reported in Section 6 of TRI's Form R, including transfers of metals and metal category compounds to solidification/stabilization and to wastewater treatment including POTWs). Data on all transfers into, within, and out of the state are also presented.

- **The 10 facilities reporting the largest amounts of total on-site releases of all TRI chemicals and of all PBT chemicals.** On-site releases are reported in Section 5 of TRI's Form R. Ranking of these facilities excludes amounts transferred off-site for disposal, although information on transfers within the state and out of state (reported in Section 6 of TRI's Form R) is provided.

- **The 10 facilities reporting the largest total quantities released on- and off-site of all TRI chemicals and of all PBT chemicals.** Quantities released on- and off-site are reported in Section 8.1 of TRI's Form R. These tables supply data for all categories of production-related waste managed and for non-production-related waste managed.

Table 1 TRI On-site and Off-site Releases by State, 2001 (Ordered by Total Releases)

State	On-site Releases				Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	2,728,933	82,849	785	778,244,135	781,056,702	2,437,928	783,494,630
Utah	19,220,667	1,215,070	0	745,779,296	766,215,034	982,691	767,197,725
Arizona	4,600,105	6,376	0	601,486,064	606,092,545	721,776	606,814,321
Alaska	3,201,013	76,438	20,554,878	498,234,331	522,066,660	6,071	522,072,731
Texas	102,748,862	26,007,896	77,648,759	29,851,396	236,256,913	34,278,163	270,535,075
Ohio	121,295,468	8,339,219	31,993,954	35,850,918	197,479,559	57,084,073	254,563,632
Pennsylvania	89,034,059	18,741,435	0	11,527,784	119,303,278	88,180,766	207,484,044
Indiana	77,828,675	20,104,003	1,074,724	30,081,820	129,089,222	76,468,560	205,557,782
Tennessee	79,573,558	3,067,358	5	59,302,596	141,943,517	7,017,705	148,961,221
North Carolina	115,130,332	9,887,436	0	12,416,089	137,433,858	10,234,240	147,668,098
Louisiana	75,960,815	11,908,380	37,112,860	15,647,195	140,629,250	5,191,651	145,820,901
Illinois	59,411,352	8,087,041	2,499	44,751,553	112,252,445	25,496,565	137,749,010
Alabama	75,567,809	4,713,394	92,912	41,777,031	122,151,146	12,294,431	134,445,577
Michigan	56,656,492	1,043,401	2,509,570	22,263,032	82,472,496	49,444,297	131,916,793
Florida	83,429,911	1,590,342	23,797,105	9,604,573	118,421,931	4,780,008	123,201,939
Missouri	34,177,643	1,660,217	0	76,850,719	112,688,579	7,201,119	119,889,698
Georgia	91,834,154	8,391,937	0	13,633,609	113,859,700	2,659,943	116,519,643
New Mexico	1,072,357	40,023	37,389	102,121,661	103,271,430	2,561,720	105,833,149
Kentucky	58,703,794	2,118,567	54,425	21,104,169	81,980,954	11,714,700	93,695,654
South Carolina	54,977,393	2,778,925	0	5,316,428	63,072,746	18,188,165	81,260,912
West Virginia	59,430,131	3,788,537	14,397	11,490,586	74,723,651	5,416,357	80,140,007
Virginia	57,216,768	6,963,083	5	6,435,705	70,615,561	9,168,292	79,783,853
Idaho	5,000,464	5,821,110	0	62,997,401	73,818,976	1,362,893	75,181,868
Mississippi	37,063,726	12,964,677	11,046,901	8,119,843	69,195,147	1,891,154	71,086,301
Montana	4,292,997	48,785	369,092	58,033,205	62,744,079	2,644,099	65,388,178
New Jersey	13,809,784	3,729,623	6	314,617	17,854,029	40,987,748	58,841,777
California	20,020,008	4,924,819	55,902	28,081,312	53,082,041	5,467,403	58,549,443
Wisconsin	25,139,472	4,033,349	0	2,914,645	32,087,466	14,721,061	46,808,527
Maryland	36,076,213	3,839,690	56,057	2,806,914	42,778,874	2,645,338	45,424,212
New York	29,629,649	6,733,053	1	3,406,178	39,768,882	5,062,168	44,831,050
Arkansas	20,036,562	3,190,528	1,586,234	6,643,857	31,457,181	12,585,384	44,042,566
Iowa	24,332,303	3,145,360	0	5,522,522	33,000,185	4,873,295	37,873,480
Oregon	12,914,088	2,912,278	0	20,601,922	36,428,289	1,148,229	37,576,517
Colorado	3,629,554	3,752,564	0	24,067,889	31,450,008	5,596,405	37,046,413
Minnesota	14,252,131	1,571,683	0	9,696,625	25,520,439	7,874,871	33,395,310
Kansas	14,768,804	1,149,296	559,221	8,381,934	24,859,255	6,807,335	31,666,590
Oklahoma	17,377,943	2,391,127	4,828	5,494,846	25,268,743	3,618,278	28,887,021
Nebraska	7,875,435	9,601,101	0	6,383,985	23,860,521	2,808,896	26,669,417
North Dakota	4,328,230	110,470	0	12,303,643	16,742,343	8,534,710	25,277,053
Washington	14,295,076	2,123,223	6	5,102,902	21,521,207	2,371,067	23,892,274
Wyoming	1,817,602	11,395	6,145,000	8,715,656	16,689,653	902,273	17,591,926
Puerto Rico	14,556,276	35,624	0	13,914	14,605,814	1,000,785	15,606,599
South Dakota	1,799,135	2,413,621	704,700	8,532,758	13,450,214	77,038	13,527,252
Delaware	6,651,525	573,937	0	965,666	8,191,129	3,883,235	12,074,363
Massachusetts	7,447,906	73,437	0	826,237	8,347,581	2,738,148	11,085,729
Maine	4,657,404	3,975,970	0	725,873	9,359,246	1,353,438	10,712,685
Connecticut	4,821,957	785,064	0	2,462	5,609,483	4,145,809	9,755,293
New Hampshire	4,496,284	10,675	0	10,088	4,517,047	241,606	4,758,653
Hawaii	2,379,957	29,770	2,071	224,400	2,636,198	430,339	3,066,537
Rhode Island	824,582	10,171	0	358	835,111	262,989	1,098,100
Virgin Islands	892,660	132,256	0	7,283	1,032,199	6,419	1,038,618
Vermont	136,536	75,573	0	433	212,542	150,460	363,002
Guam	192,898	17	0	5,545	198,460	23	198,483
District of Columbia	40,733	13,943	0	4,927	59,603	970	60,573
Northern Marianas	7,953	0	0	2	7,955	0	7,955
American Samoa	6,920	0	0	0	6,920	0	6,920
Total	**1,679,373,058**	**220,796,115**	**215,424,286**	**3,464,680,533**	**5,580,273,993**	**577,723,085**	**6,157,997,078**

Note: On-site Releases are from Section 5 of Form R **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R. **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release

Table 2 TRI On-site Releases by State, 2001 (Ordered by Total On-site Releases)

State	On-site Releases				Total On-site Releases
	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds
Nevada	2,728,933	82,849	785	778,244,135	781,056,702
Utah	19,220,667	1,215,070	0	745,779,296	766,215,034
Arizona	4,600,105	6,376	0	601,486,064	606,092,545
Alaska	3,201,013	76,438	20,554,878	498,234,331	522,066,660
Texas	102,748,862	26,007,896	77,648,759	29,851,396	236,256,913
Ohio	121,295,468	8,339,219	31,993,954	35,850,918	197,479,559
Tennessee	79,573,558	3,067,358	5	59,302,596	141,943,517
Louisiana	75,960,815	11,908,380	37,112,860	15,647,195	140,629,250
North Carolina	115,130,332	9,887,436	0	12,416,089	137,433,858
Indiana	77,828,675	20,104,003	1,074,724	30,081,820	129,089,222
Alabama	75,567,809	4,713,394	92,912	41,777,031	122,151,146
Pennsylvania	89,034,059	18,741,435	0	11,527,784	119,303,278
Florida	83,429,911	1,590,342	23,797,105	9,604,573	118,421,931
Georgia	91,834,154	8,391,937	0	13,633,609	113,859,700
Missouri	34,177,643	1,660,217	0	76,850,719	112,688,579
Illinois	59,411,352	8,087,041	2,499	44,751,553	112,252,445
New Mexico	1,072,357	40,023	37,389	102,121,661	103,271,430
Michigan	56,656,492	1,043,401	2,509,570	22,263,032	82,472,496
Kentucky	58,703,794	2,118,567	54,425	21,104,169	81,980,954
West Virginia	59,430,131	3,788,537	14,397	11,490,586	74,723,651
Idaho	5,000,464	5,821,110	0	62,997,401	73,818,976
Virginia	57,216,768	6,963,083	5	6,435,705	70,615,561
Mississippi	37,063,726	12,964,677	11,046,901	8,119,843	69,195,147
South Carolina	54,977,393	2,778,925	0	5,316,428	63,072,746
Montana	4,292,997	48,785	369,092	58,033,205	62,744,079
California	20,020,008	4,924,819	55,902	28,081,312	53,082,041
Maryland	36,076,213	3,839,690	56,057	2,806,914	42,778,874
New York	29,629,649	6,733,053	1	3,406,178	39,768,882
Oregon	12,914,088	2,912,278	0	20,601,922	36,428,289
Iowa	24,332,303	3,145,360	0	5,522,522	33,000,185
Wisconsin	25,139,472	4,033,349	0	2,914,645	32,087,466
Arkansas	20,036,562	3,190,528	1,586,234	6,643,857	31,457,181
Colorado	3,629,554	3,752,564	0	24,067,889	31,450,008
Minnesota	14,252,131	1,571,683	0	9,696,625	25,520,439
Oklahoma	17,377,943	2,391,127	4,828	5,494,846	25,268,743
Kansas	14,768,804	1,149,296	559,221	8,381,934	24,859,255
Nebraska	7,875,435	9,601,101	0	6,383,985	23,860,521
Washington	14,295,076	2,123,223	6	5,102,902	21,521,207
New Jersey	13,809,784	3,729,623	6	314,617	17,854,029
North Dakota	4,328,230	110,470	0	12,303,643	16,742,343
Wyoming	1,817,602	11,395	6,145,000	8,715,656	16,689,653
Puerto Rico	14,556,276	35,624	0	13,914	14,605,814
South Dakota	1,799,135	2,413,621	704,700	8,532,758	13,450,214
Maine	4,657,404	3,975,970	0	725,873	9,359,246
Massachusetts	7,447,906	73,437	0	826,237	8,347,581
Delaware	6,651,525	573,937	0	965,666	8,191,129
Connecticut	4,821,957	785,064	0	2,462	5,609,483
New Hampshire	4,496,284	10,675	0	10,088	4,517,047
Hawaii	2,379,957	29,770	2,071	224,400	2,636,198
Virgin Islands	892,660	132,256	0	7,283	1,032,199
Rhode Island	824,582	10,171	0	358	835,111
Vermont	136,536	75,573	0	433	212,542
Guam	192,898	17	0	5,545	198,460
District of Columbia	40,733	13,943	0	4,927	59,603
Northern Marianas	7,953	0	0	2	7,955
American Samoa	6,920	0	0	0	6,920
Total	**1,679,373,058**	**220,796,115**	**215,424,286**	**3,464,680,533**	**5,580,273,993**

Note: On-site Releases are from Section 5 of Form R

Table 3 TRI Releases Within the State, 2001 (Ordered by Total Releases Within the State)

State	On-site Releases				Total On-site Releases	Off-site Releases (Transfers Off-site to Disposal)*		Total Releases Within the State
	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transferred Into State Pounds	Transferred Within State Pounds	Pounds
Nevada	2,728,933	82,849	785	778,244,135	781,056,702	1,037,405	2,427,629	784,521,736
Utah	19,220,667	1,215,070	0	745,779,296	766,215,034	2,492,915	846,239	769,554,188
Arizona	4,600,105	6,376	0	601,486,064	606,092,545	1,036,115	475,035	607,603,696
Alaska	3,201,013	76,438	20,554,878	498,234,331	522,066,660	29	5,963	522,072,652
Ohio	121,295,468	8,339,219	31,993,954	35,850,918	197,479,559	96,944,360	54,364,789	348,788,707
Texas	102,748,862	26,007,896	77,648,759	29,851,396	236,256,913	4,968,850	30,760,800	271,986,562
Pennsylvania	89,034,059	18,741,435	0	11,527,784	119,303,278	18,067,664	59,342,809	196,713,752
Indiana	77,828,675	20,104,003	1,074,724	30,081,820	129,089,222	6,815,269	50,391,502	186,295,993
Illinois	59,411,352	8,087,041	2,499	44,751,553	112,252,445	21,174,122	29,749,189	163,175,756
Louisiana	75,960,815	11,908,380	37,112,860	15,647,195	140,629,250	7,844,437	4,374,802	152,848,490
Tennessee	79,573,558	3,067,358	5	59,302,596	141,943,517	537,272	5,180,893	147,661,681
Michigan	56,656,492	1,043,401	2,509,570	22,263,032	82,472,496	13,514,254	48,838,380	144,825,129
North Carolina	115,130,332	9,887,436	0	12,416,089	137,433,858	486,899	6,411,092	144,331,848
Alabama	75,567,809	4,713,394	92,912	41,777,031	122,151,146	2,803,615	7,467,788	132,422,549
Florida	83,429,911	1,590,342	23,797,105	9,604,573	118,421,931	125,477	3,775,961	122,323,369
Missouri	34,177,643	1,660,217	0	76,850,719	112,688,579	1,197,907	5,837,722	119,724,208
Georgia	91,834,154	8,391,937	0	13,633,609	113,859,700	932,611	1,657,810	116,450,120
New Mexico	1,072,357	40,023	37,389	102,121,661	103,271,430	112,333	4,795,243	108,179,006
Idaho	5,000,464	5,821,110	0	62,997,401	73,818,976	30,182,292	1,165,254	105,166,521
Kentucky	58,703,794	2,118,567	54,425	21,104,169	81,980,954	1,567,253	4,129,250	87,677,456
West Virginia	59,430,131	3,788,537	14,397	11,490,586	74,723,651	871,106	4,230,329	79,825,086
Virginia	57,216,768	6,963,083	5	6,435,705	70,615,561	296,643	7,151,710	78,063,914
Mississippi	37,063,726	12,964,677	11,046,901	8,119,843	69,195,147	207,475	1,170,800	70,573,422
South Carolina	54,977,393	2,778,925	0	5,316,428	63,072,746	1,863,204	3,018,124	67,954,074
Montana	4,292,997	48,785	369,092	58,033,205	62,744,079	162,151	601,734	63,507,964
California	20,020,008	4,924,819	55,902	28,081,312	53,082,041	80,687	4,915,119	58,077,847
New Jersey	13,809,784	3,729,623	6	314,617	17,854,029	852,467	30,553,370	49,259,866
Wisconsin	25,139,472	4,033,349	0	2,914,645	32,087,466	4,126,162	12,749,650	48,963,278
Maryland	36,076,213	3,839,690	56,057	2,806,914	42,778,874	753,084	2,193,076	45,725,034
New York	29,629,649	6,733,053	1	3,406,178	39,768,882	1,466,930	3,477,794	44,713,606
Oregon	12,914,088	2,912,278	0	20,601,922	36,428,289	862,353	689,758	37,980,401
Colorado	3,629,554	3,752,564	0	24,067,889	31,450,008	16,568	5,935,025	37,401,602
Iowa	24,332,303	3,145,360	0	5,522,522	33,000,185	52,348	2,558,585	35,611,118
Arkansas	20,036,562	3,190,528	1,586,234	6,643,857	31,457,181	1,395,050	864,594	33,716,826
Oklahoma	17,377,943	2,391,127	4,828	5,494,846	25,268,743	6,245,095	1,508,354	33,022,192
Minnesota	14,252,131	1,571,683	0	9,696,625	25,520,439	95,710	2,744,307	28,360,456
Kansas	14,768,804	1,149,296	559,221	8,381,934	24,859,255	422,352	852,130	26,133,737
Nebraska	7,875,435	9,601,101	0	6,383,985	23,860,521	437,248	1,696,342	25,994,111
North Dakota	4,328,230	110,470	0	12,303,643	16,742,343	4	9,221,626	25,963,973
Washington	14,295,076	2,123,223	6	5,102,902	21,521,207	46,531	1,777,205	23,344,943
Wyoming	1,817,602	11,395	6,145,000	8,715,656	16,689,653	2	893,436	17,583,090
Puerto Rico	14,556,276	35,624	0	13,914	14,605,814	250	634,005	15,240,069
South Dakota	1,799,135	2,413,621	704,700	8,532,758	13,450,214	897	75,504	13,526,614
Maine	4,657,404	3,975,970	0	725,873	9,359,246	371,079	1,224,243	10,954,569
Delaware	6,651,525	573,937	0	965,666	8,191,129	61,577	2,377,714	10,630,420
Massachusetts	7,447,906	73,437	0	826,237	8,347,581	579,208	1,354,190	10,280,979
Connecticut	4,821,957	785,064	0	2,462	5,609,483	169,328	347,534	6,126,345
New Hampshire	4,496,284	10,675	0	10,088	4,517,047	563,538	84,801	5,165,386
Hawaii	2,379,957	29,770	2,071	224,400	2,636,198	0	428,661	3,064,859
Virgin Islands	892,660	132,256	0	7,283	1,032,199	0	0	1,032,199
Rhode Island	824,582	10,171	0	358	835,111	96,561	49,075	980,748
Vermont	136,536	75,573	0	433	212,542	10,366	58,450	281,359
Guam	192,898	17	0	5,545	198,460	0	0	198,460
District of Columbia	40,733	13,943	0	4,927	59,603	325	0	59,928
Northern Marianas	7,953	0	0	2	7,955	0	0	7,955
American Samoa	6,920	0	0	0	6,920	0	0	6,920
Other**	0	0	0	0	0	5,167,584	0	5,167,584
Total	**1,679,373,058**	**220,796,115**	**215,424,286**	**3,464,680,533**	**5,580,273,993**	**239,114,964**	**427,435,396**	**6,246,824,354**

Note: On-site Releases are from Section 5 of Form R **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release

** "Other" includes waste sent to other countries, to sites not identified by the reporting facility and transfers to POTWs in more than one state

Table 4 TRI Transfers for Further Waste Management, including Disposal, by State, 2001 (Ordered by Total Transfers)

State	Transfers to Recycling Pounds	Transfers to Energy Recovery Pounds	Transfers to Treatment Pounds	Transfers to POTW's: Metals and Metal Compounds Pounds	Transfers to POTW's: Non-metal TRI Chemicals Pounds	Other Off-site Transfers* Pounds	Off-site Transfers to Disposal** Pounds	Total Transfers for Further Waste Management/ Disposal Pounds
Texas	136,898,041	143,041,520	56,643,370	40,347	37,128,637	41,322	35,821,346	409,614,582
Michigan	89,316,418	199,798,707	19,660,736	247,148	15,420,424	17,068	49,593,734	374,054,235
Ohio	168,188,958	40,248,568	17,347,997	188,609	18,415,413	2,144	65,298,072	309,689,761
Pennsylvania	154,702,943	17,241,863	14,364,889	70,521	7,381,449	2,186	89,713,380	283,477,232
Indiana	162,169,438	14,016,355	5,313,584	81,711	8,359,764	58,057	81,177,642	271,176,552
Illinois	104,698,361	29,281,969	9,009,121	169,585	9,779,952	111,995	35,614,281	188,665,264
New Jersey	25,083,507	55,971,254	10,050,970	37,535	29,062,310	20,818	41,095,118	161,321,511
South Carolina	77,339,641	31,987,806	4,809,405	56,904	5,079,704	45,740	21,230,981	140,550,181
California	72,771,483	25,168,116	4,920,741	64,755	24,157,493	124,776	7,764,935	134,972,300
Arkansas	58,379,594	43,821,142	3,550,073	14,314	1,586,498	34,000	20,028,659	127,414,279
North Carolina	92,137,112	11,112,800	3,653,983	27,379	4,815,948	500	10,923,359	122,671,081
Kentucky	44,407,850	30,657,719	7,195,980	68,939	5,405,997	0	11,939,116	99,675,600
Tennessee	79,460,905	6,956,764	1,542,447	51,000	3,801,873	281,720	7,322,661	99,417,370
Wisconsin	50,344,947	18,654,747	8,224,804	47,015	5,862,596	6,882	16,149,098	99,290,088
Alabama	42,914,718	22,530,090	10,897,492	13,093	3,935,289	201,150	16,840,893	97,332,726
Louisiana	36,702,372	12,849,773	32,751,499	3,624	419,068	520,000	5,651,644	88,897,979
Missouri	48,724,068	17,615,673	6,200,263	76,623	7,486,527	2,064	7,220,335	87,325,553
Kansas	31,809,445	4,675,837	514,531	17,747	43,233,932	0	7,026,089	87,277,581
New York	66,886,024	4,254,122	4,112,401	134,540	5,282,541	17	5,079,505	85,749,152
Iowa	42,720,473	4,082,181	2,232,417	96,565	8,709,977	0	12,077,803	69,919,417
Virginia	28,052,142	8,599,641	2,840,108	53,822	17,751,825	505	9,174,635	66,472,678
Puerto Rico	12,963,854	37,469,365	12,089,978	646	960,433	1,392	1,010,506	64,496,174
Georgia	32,440,137	12,768,822	4,313,862	61,132	4,646,845	1,282	3,334,137	57,566,218
Connecticut	32,144,490	2,489,330	10,268,857	5,317	1,273,441	0	4,267,653	50,449,089
Minnesota	20,348,878	1,737,752	2,445,488	155,214	14,284,952	0	7,857,102	46,829,386
Massachusetts	22,676,428	4,434,819	3,708,366	60,141	10,529,192	47,612	2,745,651	44,202,209
Colorado	28,438,125	3,844,939	1,823,083	2,526	972,724	0	6,463,932	41,545,329
Florida	20,290,432	2,986,106	1,698,196	61,355	7,950,792	14,897	4,856,024	37,857,802
Mississippi	26,335,512	4,415,345	1,175,797	6,382	2,865,105	4,355	1,942,202	36,744,698
Oregon	13,307,350	2,037,950	846,649	61,395	10,829,614	853	9,482,359	36,566,169
Nebraska	16,783,572	528,143	419,863	8,794	838,037	0	12,990,707	31,569,117
West Virginia	7,235,428	11,475,188	3,560,682	58,406	2,815,806	0	5,486,759	30,632,270
Oklahoma	20,194,173	1,994,532	676,374	10,256	1,134,053	2,431	3,725,078	27,736,898
Maryland	8,888,050	2,149,059	5,957,575	52,178	3,387,331	800	2,602,540	23,037,533
Arizona	18,527,637	487,455	1,032,434	1,835	1,512,002	0	928,483	22,489,845
Washington	9,863,465	3,231,992	1,262,050	2,091	3,716,423	0	2,712,137	20,788,158
Delaware	8,725,818	2,632,870	184,088	7,723	1,568,009	0	3,877,073	16,995,582
New Hampshire	10,744,075	1,680,309	220,117	2,558	606,746	232	241,856	13,495,892
Utah	2,695,980	43,134	425,083	2,777	1,141,117	0	8,621,816	12,929,907
Rhode Island	9,997,176	447,193	999,152	4,124	424,072	0	259,719	12,131,435
North Dakota	731,597	39,422	41,630	532	549,767	0	9,230,342	10,593,290
New Mexico	3,846,657	78,841	80,488	112	428,251	0	4,812,461	9,246,809
Maine	2,650,811	153,037	206,393	74,503	536,560	0	1,282,284	4,903,589
Idaho	2,170,685	51,548	79,978	601	925,054	0	1,400,692	4,628,559
Nevada	1,883,643	56,673	18,097	1,285	27,799	8,180	2,444,615	4,440,291
Montana	102,939	36,638	39,313	14	1,605	227,840	2,808,061	3,216,411
Vermont	1,524,928	280,780	82,678	840	587,825	250	149,627	2,626,929
South Dakota	1,297,529	183,242	180,704	685	78,026	0	76,605	1,816,790
Wyoming	103,021	14,794	5,284	15	4,412	0	1,503,337	1,630,863
Hawaii	46,915	490	2,071	0	0	0	473,617	523,094
Virgin Islands	121,916	2,894	713	0	0	0	6,682	132,205
Alaska	35,018	13,545	4,616	5,957	29,020	0	1,272	89,428
District of Columbia	15,814	0	0	0	371	0	970	17,155
Guam	0	0	26	0	0	0	23	49
American Samoa	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0
Total	**1,950,840,492**	**840,332,852**	**279,686,495**	**2,211,172**	**337,702,602**	**1,781,068**	**664,339,613**	**4,076,894,294**

Note: Total Transfers Off-site for Further Waste Management, including Disposal are from Section 6 of Form R

* Transfers reported without a valid waste management code
** Excludes metals and metal category compounds sent to POTWs

Table 5. TRI Transfers to POTWs, by State, 2001 (Ordered by Total Transfers to POTWs)

State	Transfers of Metals and Metal Category Compounds Pounds	Transfers of Non-metal TRI Chemicals Pounds	Total Transfers to POTWs Pounds
Kansas	17,747	43,233,932	43,251,679
Texas	40,347	37,128,637	37,168,984
New Jersey	37,535	29,062,310	29,099,845
California	64,755	24,157,493	24,222,248
Ohio	188,609	18,415,413	18,604,023
Virginia	53,822	17,751,825	17,805,646
Michigan	247,148	15,420,424	15,667,572
Minnesota	155,214	14,284,952	14,440,166
Oregon	61,395	10,829,614	10,891,009
Massachusetts	60,141	10,529,192	10,589,332
Illinois	169,585	9,779,952	9,949,537
Iowa	96,565	8,709,977	8,806,542
Indiana	81,711	8,359,764	8,441,476
Florida	61,355	7,950,792	8,012,148
Missouri	76,623	7,486,527	7,563,150
Pennsylvania	70,521	7,381,449	7,451,970
Wisconsin	47,015	5,862,596	5,909,611
Kentucky	68,939	5,405,997	5,474,936
New York	134,540	5,282,541	5,417,082
South Carolina	56,904	5,079,704	5,136,608
North Carolina	27,379	4,815,948	4,843,327
Georgia	61,132	4,646,845	4,707,978
Alabama	13,093	3,935,289	3,948,382
Tennessee	51,000	3,801,873	3,852,873
Washington	2,091	3,716,423	3,718,514
Maryland	52,178	3,387,331	3,439,510
West Virginia	58,406	2,815,806	2,874,212
Mississippi	6,382	2,865,105	2,871,487
Arkansas	14,314	1,586,498	1,600,812
Delaware	7,723	1,568,009	1,575,732
Arizona	1,835	1,512,002	1,513,837
Connecticut	5,317	1,273,441	1,278,758
Oklahoma	10,256	1,134,053	1,144,309
Utah	2,777	1,141,117	1,143,894
Colorado	2,526	972,724	975,250
Puerto Rico	646	960,433	961,079
Idaho	601	925,054	925,655
Nebraska	8,794	838,037	846,831
Maine	74,503	536,560	611,063
New Hampshire	2,558	606,746	609,304
Vermont	840	587,825	588,665
North Dakota	532	549,767	550,299
New Mexico	112	428,251	428,363
Rhode Island	4,124	424,072	428,196
Louisiana	3,624	419,068	422,692
South Dakota	685	78,026	78,711
Alaska	5,957	29,020	34,977
Nevada	1,285	27,799	29,084
Wyoming	15	4,412	4,427
Montana	14	1,605	1,619
District of Columbia	0	371	371
American Samoa	0	0	0
Guam	0	0	0
Hawaii	0	0	0
Northern Marianas	0	0	0
Virgin Islands	0	0	0
Total	**2,211,172**	**337,702,602**	**339,913,774**

Note: Transfers to POTWs are from Section 6.1 of Form R.

2001 Toxics Release Inventory

Table 6 TRI On-site and Off-site Releases by State, 2001, Chemicals not including PBT Chemicals, Vanadium and Vanadium Compounds (Ordered by Total Releases)

State	On-site Releases				Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	2,701,381	82,800	785	695,622,396	698,407,362	2,425,382	700,832,744
Utah	19,205,102	1,214,052	0	642,888,604	663,307,758	835,980	664,143,738
Arizona	4,564,502	6,369	0	589,832,903	594,403,774	653,835	595,057,609
Alaska	3,187,810	76,291	14,547,011	359,038,172	376,849,284	4,874	376,854,158
Texas	102,551,766	25,989,871	77,613,184	26,051,018	232,205,840	20,809,575	253,015,415
Ohio	120,658,210	8,328,670	31,976,104	30,840,812	191,803,796	52,824,416	244,628,212
Pennsylvania	88,809,669	18,730,673	0	9,268,421	116,808,763	82,686,340	199,495,103
Indiana	77,718,206	19,847,465	1,073,284	27,337,245	125,976,200	72,593,817	198,570,016
North Carolina	115,062,742	9,878,972	0	10,585,639	135,527,353	9,792,861	145,320,215
Louisiana	75,782,085	11,787,478	37,112,744	14,865,384	139,547,691	4,755,259	144,302,950
Tennessee	79,484,511	3,027,247	5	48,722,729	131,234,492	6,[illegible]65,531	137,400,023
Illinois	59,326,146	8,048,863	2,499	42,465,208	109,842,717	24,536,951	134,379,668
Alabama	75,452,863	4,683,666	86,000	37,188,925	117,411,454	11,799,000	129,210,454
Michigan	56,525,777	1,033,678	2,509,568	19,634,091	79,703,113	48,[illegible]40,518	127,843,631
Florida	82,701,635	1,587,720	23,747,288	7,352,979	115,389,622	4,[illegible]48,274	119,537,897
Georgia	91,771,557	8,365,583	0	11,392,722	111,529,862	2,574,136	114,103,998
New Mexico	1,065,966	39,972	37,389	94,598,509	95,741,836	2,458,183	98,200,019
Kentucky	58,505,024	2,019,123	49,284	17,630,732	78,204,163	11,543,764	89,747,927
Missouri	33,718,639	1,656,373	0	48,334,526	83,709,538	3,647,606	87,357,143
South Carolina	54,853,250	2,773,740	0	4,790,038	62,417,028	17,732,632	80,149,660
Virginia	57,151,658	6,954,718	5	5,172,963	69,279,344	8,448,773	77,728,116
West Virginia	59,381,371	3,760,313	14,397	8,184,390	71,340,471	4,566,309	75,906,780
Mississippi	36,975,943	12,924,087	10,047,848	6,453,103	66,400,981	1,738,995	68,139,976
Idaho	4,987,163	5,819,785	0	55,018,690	65,825,638	1,283,544	67,109,182
California	19,975,614	4,922,636	55,893	21,226,764	46,180,907	5,129,795	51,310,701
Montana	4,278,330	48,397	358,261	43,623,684	48,308,672	1,887,766	50,196,438
Wisconsin	25,086,483	4,028,880	0	2,721,088	31,836,451	14,130,299	45,966,750
Maryland	36,002,097	3,837,810	55,812	2,661,824	42,557,543	2,290,524	44,848,067
New York	29,507,488	6,710,007	1	3,139,504	39,357,000	4,271,040	43,628,040
Arkansas	19,932,800	3,080,536	1,586,234	5,086,567	29,686,137	11,451,271	41,137,407
New Jersey	13,794,862	3,705,319	5	262,638	17,762,824	22,188,121	39,950,945
Iowa	24,270,111	3,143,273	0	5,375,640	32,789,024	4,629,629	37,418,652
Oregon	12,902,412	2,909,102	0	18,939,459	34,750,973	1,106,245	35,857,218
Colorado	3,594,469	3,751,972	0	19,975,396	27,321,837	5,328,479	32,650,316
Minnesota	14,220,477	1,569,774	0	9,305,595	25,095,846	7,133,555	32,229,401
Kansas	14,729,193	1,149,246	559,201	8,079,777	24,517,417	6,761,678	31,279,095
Oklahoma	17,356,093	2,390,187	4,266	4,861,122	24,611,668	3,399,921	28,011,589
Nebraska	7,858,637	9,601,000	0	6,129,034	23,588,671	2,761,284	26,349,955
North Dakota	4,266,923	110,018	0	11,929,600	16,306,541	8,376,692	24,683,233
Washington	14,262,480	2,115,909	0	4,435,466	20,813,855	1,831,679	22,645,534
Wyoming	1,777,473	9,869	6,145,000	8,302,791	16,235,133	843,391	17,078,524
Puerto Rico	14,512,292	24,668	0	5,244	14,542,204	948,312	15,490,516
Delaware	6,633,803	558,504	0	636,692	7,828,999	3,730,150	11,559,149
South Dakota	1,797,077	2,412,988	696,000	5,502,008	10,408,073	75,174	10,483,247
Maine	4,643,785	3,973,335	0	719,174	9,336,294	1,025,946	10,362,240
Massachusetts	7,395,312	11,529	0	799,612	8,206,453	2,019,479	10,225,932
Connecticut	4,795,981	784,457	0	1,111	5,581,548	2,419,664	8,001,212
New Hampshire	4,495,033	10,453	0	7,270	4,512,756	184,162	4,696,919
Hawaii	2,373,451	29,493	2,064	147,378	2,552,386	425,051	2,977,437
Rhode Island	823,127	10,152	0	358	833,637	250,839	1,084,476
Virgin Islands	889,190	95,579	0	2,116	986,885	5,216	992,101
Vermont	135,956	75,571	0	255	211,782	127,738	339,520
Guam	192,094	16	0	23	192,133	23	192,156
District of Columbia	40,733	13,943	0	4,927	59,603	11	59,614
Northern Marianas	7,949	0	0	0	7,949	0	7,949
American Samoa	6,920	0	0	0	6,920	0	6,920
Total	**1,674,701,620**	**219,722,131**	**208,280,132**	**2,997,152,316**	**5,099,856,200**	**510,899,685**	**5,610,755,885**

Note: This table is for comparison with 1998, 1999 and 2000 data Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition has changed **On-site Releases** are from Section 5 of Form R **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs.

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release

Table 7. TRI On-site and Off-site Releases by State, 2000, Chemicals not including PBT Chemicals, Vanadium and Vanadium Compounds (Ordered by Total Releases)

State	On-site Releases				Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	3,272,089	121,757	1,049	906,957,849	910,352,744	2,376,012	912,728,756
Utah	49,554,741	1,157,483	0	830,662,116	881,374,340	587,156	881,961,495
Arizona	5,160,015	9,229	0	733,991,991	739,161,235	1,130,573	740,291,808
Alaska	3,283,143	103,478	28,481,256	367,398,896	399,266,773	4,576	399,271,349
Texas	102,606,563	33,010,721	94,783,898	33,962,877	264,364,059	27,859,802	292,223,861
Ohio	144,497,364	9,408,904	30,268,027	41,593,113	225,767,408	49,808,857	275,576,265
Pennsylvania	104,338,995	44,890,721	0	12,320,060	161,549,776	67,516,141	229,065,917
Indiana	89,217,954	18,176,042	1,026,106	28,643,477	137,063,579	58,181,239	195,244,818
Tennessee	105,265,255	3,205,122	5	41,923,109	150,393,490	7,278,998	157,672,488
North Carolina	126,013,150	9,147,087	0	9,953,357	145,113,594	10,967,017	156,080,612
Louisiana	70,269,050	12,845,530	51,663,265	13,945,136	148,722,981	4,441,857	153,164,838
Alabama	81,215,876	7,132,761	154,005	52,324,312	140,826,954	12,026,944	152,853,898
Illinois	68,187,263	6,823,730	500	42,432,377	117,443,870	32,057,114	149,500,985
Florida	87,387,707	1,799,223	34,779,577	12,552,069	136,518,576	4,254,287	140,772,863
Michigan	68,082,678	1,134,418	2,057,816	31,374,598	102,649,510	35,748,408	138,397,918
Georgia	96,204,484	8,808,046	0	13,376,610	118,389,140	4,431,110	122,820,250
New Mexico	1,180,711	45,394	895	110,599,236	111,826,236	2,624,696	114,450,932
Missouri	37,900,035	1,939,719	2	59,321,575	99,161,331	4,616,184	103,777,514
Montana	6,224,488	47,445	0	94,317,793	100,589,726	3,154,215	103,743,941
Kentucky	68,671,700	3,083,934	0	18,117,870	89,873,504	8,181,286	98,054,790
West Virginia	73,369,451	4,663,396	14,409	11,208,456	89,255,712	5,326,322	94,582,034
Idaho	5,531,861	6,219,034	0	69,888,329	81,639,224	469,055	82,108,279
Mississippi	45,045,557	13,543,917	11,281,637	9,443,769	79,314,880	1,512,407	80,827,287
Virginia	58,782,812	8,184,809	0	5,082,071	72,049,692	8,423,670	80,473,363
South Carolina	57,235,804	3,035,368	0	4,896,831	65,168,003	13,911,184	79,079,187
Oregon	15,866,674	3,727,237	0	54,117,427	73,711,338	1,214,829	74,926,167
California	23,928,286	6,079,494	48,748	30,319,022	60,375,550	10,783,998	71,159,548
New York	33,257,330	8,985,724	250	7,303,703	49,547,007	6,036,426	55,583,433
Wisconsin	29,382,307	3,562,330	0	1,816,914	34,761,551	14,613,155	49,374,707
Arkansas	26,141,558	2,218,927	1,464,573	6,016,662	35,841,720	9,767,457	45,609,177
Maryland	36,040,257	3,549,235	54,300	3,875,915	43,519,707	1,291,535	44,811,243
Iowa	23,755,781	5,597,674	0	6,236,851	35,590,306	8,164,812	43,755,118
Kansas	17,331,190	1,248,098	487,900	8,373,604	27,440,792	10,692,305	38,133,097
Minnesota	16,104,579	1,360,340	0	9,457,728	26,922,647	6,947,238	33,869,885
Oklahoma	18,724,111	2,538,154	2,460,367	4,785,460	28,508,092	3,726,247	32,234,339
Colorado	3,871,239	3,171,003	0	17,242,244	24,284,486	4,922,147	29,206,633
Washington	19,648,904	2,776,146	0	3,643,410	26,068,460	2,886,839	28,955,299
New Jersey	17,301,772	5,598,912	3	197,407	23,098,094	5,261,437	28,359,531
Nebraska	8,101,266	10,830,867	0	6,669,788	25,601,921	2,112,106	27,714,027
North Dakota	4,593,249	108,516	0	10,357,572	15,059,337	9,952,010	25,011,347
Wyoming	2,031,484	24,517	9,365,405	8,110,057	19,531,463	810,357	20,341,820
Puerto Rico	17,106,505	49,723	2	12,085	17,168,315	981,063	18,149,378
Delaware	7,792,139	864,527	0	500,360	9,157,026	3,668,672	12,825,698
Massachusetts	9,142,822	146,654	0	216,467	9,505,943	2,465,446	11,971,389
Maine	6,321,594	2,148,597	0	898,708	9,368,899	1,087,988	10,456,887
South Dakota	2,048,995	2,316,367	822,600	4,248,183	9,436,145	111,657	9,547,802
Connecticut	5,550,228	815,590	0	49,152	6,414,970	2,198,693	8,613,663
New Hampshire	5,430,938	95,206	0	59,881	5,586,025	545,612	6,131,637
Hawaii	1,054,462	1,200	7,278	31,833	1,094,773	160,070	1,254,843
Rhode Island	977,358	1,336	0	18	978,712	257,695	1,236,407
Virgin Islands	524,480	38,403	0	1,003	563,886	14,068	577,954
Vermont	119,669	178,510	0	255	298,434	136,445	434,879
Guam	168,271	0	0	405	168,676	0	168,676
District of Columbia	53,000	272	0	12,978	66,250	7	66,257
American Samoa	16,780	0	0	0	16,780	0	16,780
Northern Marianas	7,990	0	0	0	7,990	0	7,990
Total	**1,910,893,962**	**266,570,826**	**269,223,873**	**3,740,842,968**	**6,187,531,629**	**477,699,423**	**6,665,231,053**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition has changed **On-site Releases** are from Section 5 of Form R **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release

2001 Toxics Release Inventory

Table 8 TRI On-site and Off-site Releases by State, 1999, Chemicals not including PBT Chemicals, Vanadium and Vanadium Compounds (Ordered by Total Releases)

State	On-site Releases				Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	4,739,466	136,364	2,796	1,130,235,269	1,135,113,895	189,943	1,135,303,838
Utah	52,889,978	1,174,343	3,850	1,026,139,591	1,080,207,762	581,122	1,080,788,884
Arizona	5,823,508	7,091	15	948,044,941	953,875,555	820,698	954,696,253
Alaska	2,694,250	96,038	27,046,256	293,201,325	323,037,869	4,452	323,042,321
Texas	113,278,705	34,520,944	90,740,074	51,472,257	290,011,980	25 326,485	315,338,465
Ohio	149,161,826	8,621,614	27,632,086	67,242,820	252,658,346	48 271,879	300,930,225
Pennsylvania	110,447,093	50,303,499	0	13,173,413	173,924,004	55 941,321	229,865,325
Indiana	98,498,338	7,232,724	890,265	31,017,629	137,638,956	54 960,550	192,599,506
Illinois	85,980,052	6,704,675	1,200	44,286,462	136,972,389	26 105,260	163,077,649
New Mexico	1,617,277	59,991	315	158,700,186	160,377,769	2 376,675	162,754,444
North Carolina	124,140,668	8,768,592	0	18,868,494	151,777,754	6 640,380	158,418,134
Tennessee	108,543,084	2,920,821	0	35,873,341	147,337,246	7 641,609	154,978,855
Louisiana	68,534,628	15,266,088	48,038,281	16,771,299	148,610,296	4 737,250	153,347,546
Florida	94,186,282	2,327,965	32,769,162	12,201,817	141,485,226	4.420,526	145,905,752
Alabama	83,173,798	7,301,494	126,505	44,191,213	134,793,010	8.302,933	143,095,943
Michigan	74,500,972	1,184,413	2,571,942	16,137,208	94,394,535	42 308,443	136,702,978
Georgia	104,236,517	8,985,307	0	13,478,470	126,700,294	3 709,055	130,409,349
Montana	6,481,382	36,050	0	107,015,260	113,532,692	445,458	113,978,150
Kentucky	76,085,845	2,720,459	0	14,743,424	93,549,728	6 761,986	100,311,714
West Virginia	77,227,826	7,886,253	10	10,690,501	95,804,590	3.930,287	99,734,877
Missouri	41,238,051	3,490,265	0	46,608,579	91,336,895	4 521,293	95,858,188
Virginia	61,247,008	6,156,700	0	5,241,895	72,645,603	10.296,022	82,941,625
South Carolina	58,244,279	3,499,298	0	11,463,157	73,206,734	9.725,716	82,932,450
Idaho	6,420,441	9,138,491	0	62,705,871	78,264,803	387,357	78,652,160
Mississippi	44,968,977	14,638,316	8,146,762	8,240,814	75,994,869	1.449,746	77,444,615
New York	36,578,262	9,833,778	250	12,172,055	58,584,345	5.719,496	64,303,841
Oregon	17,422,882	3,406,800	0	40,977,088	61,806,770	1 072,212	62,878,982
California	26,332,369	4,848,411	47,992	22,686,986	53,915,758	8.324,807	62,240,565
Wisconsin	37,208,775	3,542,447	0	2,588,563	43,339,785	14 893,631	58,233,416
Iowa	31,638,469	3,972,699	0	7,561,585	43,172,753	4.646,555	47,819,308
Maryland	37,628,809	2,845,950	34,700	2,442,864	42,952,323	1.128,969	44,081,292
Kansas	18,617,193	1,208,016	1,170,464	8,787,712	29,783,385	13,955,236	43,738,621
Arkansas	28,125,599	1,866,085	775,088	5,188,935	35,955,707	3.865,021	39,820,728
Oklahoma	18,501,057	3,063,783	2,566,398	6,608,850	30,740,088	4,043,878	34,783,966
Minnesota	16,978,512	1,755,879	0	9,047,916	27,782,307	4,182,826	31,965,133
New Jersey	17,165,701	5,426,472	4	535,613	23,127,790	4.548,888	27,676,678
Washington	20,492,849	3,120,932	0	2,191,086	25,804,867	1 593,507	27,398,375
Nebraska	8,611,305	11,346,806	0	5,025,315	24,983,426	1,924,678	26,908,104
Colorado	4,151,341	3,188,238	84,473	13,458,287	20,882,339	5,031,881	25,914,220
North Dakota	5,342,265	225,144	0	9,097,983	14,665,392	10,429,010	25,094,402
Wyoming	2,361,082	18,388	8,082,205	8,133,251	18,594,926	640,939	19,235,865
Puerto Rico	16,661,039	80,784	0	169,866	16,911,689	740,564	17,652,253
South Dakota	2,401,363	1,582,988	0	7,641,103	11,625,454	457,940	12,083,394
Delaware	6,659,017	1,197,762	0	462,534	8,319,313	2,995,468	11,314,781
Massachusetts	8,846,914	167,684	0	8,849	9,023,447	2 261,549	11,284,996
Maine	7,559,924	910,405	0	787,171	9,257,500	932,958	10,190,458
Connecticut	4,816,085	1,013,854	0	21,201	5,851,140	1 938,715	7,789,855
New Hampshire	5,241,755	125,327	0	73,982	5,441,064	444,497	5,885,561
Hawaii	1,584,809	2,721	5,070	38,163	1,630,763	50,338	1,681,101
Rhode Island	1,070,736	1,375	0	5	1,072,116	299,245	1,371,361
Virgin Islands	697,898	45,827	0	1,791	745,516	1,744	747,260
Guam	630,157	25	0	67	630,249	0	630,249
Vermont	153,411	179,756	0	1,010	334,177	192,352	526,529
District of Columbia	79,000	44	0	0	79,044	18,052	97,096
American Samoa	16,127	1	0	0	16,128	0	16,128
Northern Marianas	3,387	25	0	0	3,412	0	3,412
Total	**2,037,938,343**	**268,156,201**	**250,736,163**	**4,353,455,067**	**6,910,285,773**	**426,191,402**	**7,336,477,176**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition has changed **On-site Releases** are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs.

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

Table 9. TRI On-site and Off-site Releases by State, 1998, Chemicals not including PBT Chemicals, Vanadium and Vanadium Compounds (Ordered by Total Releases)

State	On-site Releases				Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	4,355,668	240,891	1,403	1,245,153,756	1,249,751,718	75,779	1,249,827,497
Arizona	10,106,674	6,233	4	1,041,016,239	1,051,129,150	810,371	1,051,939,521
Utah	64,760,124	1,278,675	0	483,291,935	549,330,734	522,339	549,853,073
Ohio	161,042,595	8,011,235	28,758,724	89,889,241	287,701,795	47,222,278	334,924,073
Texas	122,577,185	31,823,819	91,455,308	50,166,797	296,023,109	22,521,722	318,544,831
Indiana	185,396,883	3,205,967	1,040,393	32,671,319	222,314,562	52,206,593	274,521,155
New Mexico	2,559,479	57,784	0	249,779,309	252,396,572	5,398,376	257,794,948
Alaska	3,013,317	97,638	22,224,256	208,275,097	233,610,308	5,071	233,615,379
Pennsylvania	97,114,332	50,021,735	80,401	10,952,669	158,169,137	53,962,443	212,131,580
Illinois	91,563,769	7,152,127	250	47,328,871	146,045,017	21,723,583	167,768,600
Louisiana	78,029,453	9,983,625	54,817,278	14,667,661	157,498,017	3,652,521	161,150,538
North Carolina	118,467,872	7,878,518	0	19,211,049	145,557,439	5,375,076	150,932,515
Tennessee	106,730,136	3,779,454	3,810,800	27,025,252	141,345,642	6,416,440	147,762,082
Alabama	83,599,108	6,233,656	45,005	47,008,334	136,886,103	8,818,359	145,704,462
Florida	91,483,883	2,094,059	27,624,920	14,698,696	135,901,558	3,168,467	139,070,025
Michigan	73,235,995	856,864	3,459,889	18,494,137	96,046,885	39,844,090	135,890,975
Georgia	95,702,643	8,680,773	0	13,642,178	118,025,594	2,532,102	120,557,696
Montana	5,209,186	94,149	0	104,796,970	110,100,305	1,348,074	111,448,379
Idaho	6,627,188	6,538,671	0	96,991,563	110,157,422	543,417	110,700,839
West Virginia	75,870,976	8,043,580	38	11,325,149	95,239,743	8,200,637	103,440,380
Missouri	42,915,863	5,038,299	0	49,718,696	97,672,858	4,705,943	102,378,801
Kentucky	76,771,222	2,766,804	0	17,196,480	96,734,506	5,628,485	102,362,991
South Carolina	59,278,760	4,571,269	0	32,621,448	96,471,477	4,895,442	101,366,919
Virginia	63,553,252	6,019,784	0	4,268,437	73,841,473	7,755,827	81,597,300
Mississippi	45,293,515	14,067,162	6,742,506	9,387,710	75,490,893	1,254,276	76,745,169
New York	38,458,036	11,592,838	250	13,314,129	63,365,253	5,112,084	68,477,336
Wisconsin	39,374,644	5,626,804	0	3,226,128	48,227,576	14,705,283	62,932,859
California	28,672,534	4,023,331	86,970	21,417,157	54,199,992	5,356,703	59,556,695
Iowa	34,908,749	3,708,124	0	6,846,530	45,463,403	5,194,364	50,657,767
Oregon	16,586,621	3,669,395	0	25,442,301	45,698,317	1,690,330	47,388,647
Kansas	24,708,081	847,930	1,352,672	8,106,790	35,015,473	9,108,092	44,123,565
Arkansas	27,472,730	1,842,844	1,248,950	4,283,786	34,848,310	4,588,044	39,436,354
Maryland	33,055,896	2,547,872	45,000	2,138,333	37,787,101	1,141,164	38,928,265
Oklahoma	20,242,004	2,308,757	4,472,289	7,509,496	34,532,546	3,883,600	38,416,146
Washington	23,234,600	3,125,759	0	3,926,157	30,286,516	3,102,262	33,388,778
Minnesota	17,145,464	1,424,003	0	9,482,117	28,051,584	3,299,953	31,351,537
Colorado	4,930,124	2,392,398	3,496,575	14,972,314	25,791,411	5,140,111	30,931,522
Nebraska	10,528,235	10,669,402	0	4,168,363	25,366,000	3,681,997	29,047,997
New Jersey	17,674,480	6,640,457	4	589,057	24,903,998	4,009,999	28,913,997
North Dakota	5,251,136	102,305	0	8,723,604	14,077,045	11,377,177	25,454,222
South Dakota	2,721,215	1,022,862	0	18,704,510	22,448,587	222,220	22,670,807
Wyoming	4,002,628	18,912	7,656,805	9,752,616	21,430,961	1,190,239	22,621,200
Puerto Rico	16,665,894	80,698	0	164,298	16,910,890	1,000,136	17,911,026
Delaware	9,753,957	1,125,628	0	901,180	11,780,765	3,818,022	15,598,787
Massachusetts	8,943,607	201,813	0	45,104	9,190,524	2,690,726	11,881,250
Connecticut	6,303,721	995,473	0	38,105	7,337,299	2,950,873	10,288,172
Maine	6,778,417	1,120,939	0	861,519	8,760,875	1,177,490	9,938,365
New Hampshire	6,341,429	127,389	0	103,532	6,572,350	441,690	7,014,040
Rhode Island	1,964,364	1,836	0	5	1,966,205	306,443	2,272,648
Hawaii	1,995,686	2,057	3,849	33,634	2,035,226	85,903	2,121,129
Virgin Islands	1,073,624	37,872	0	1,502	1,112,998	29,001	1,141,999
Vermont	190,659	152,199	0	1,005	343,863	172,126	515,989
Guam	157,106	1,275	0	0	158,381	0	158,381
District of Columbia	68,950	6	0	8,800	77,756	5	77,761
American Samoa	13,896	1	0	0	13,897	0	13,897
Northern Marianas	3,066	20	0	0	3,086	0	3,086
Total	**2,174,480,631**	**253,953,970**	**258,424,539**	**4,104,341,065**	**6,791,200,204**	**404,063,746**	**7,195,263,950**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition has changed **On-site Releases** are from Section 5 of Form R **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs.

* Off-site releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release.

2001 Toxics Release Inventory

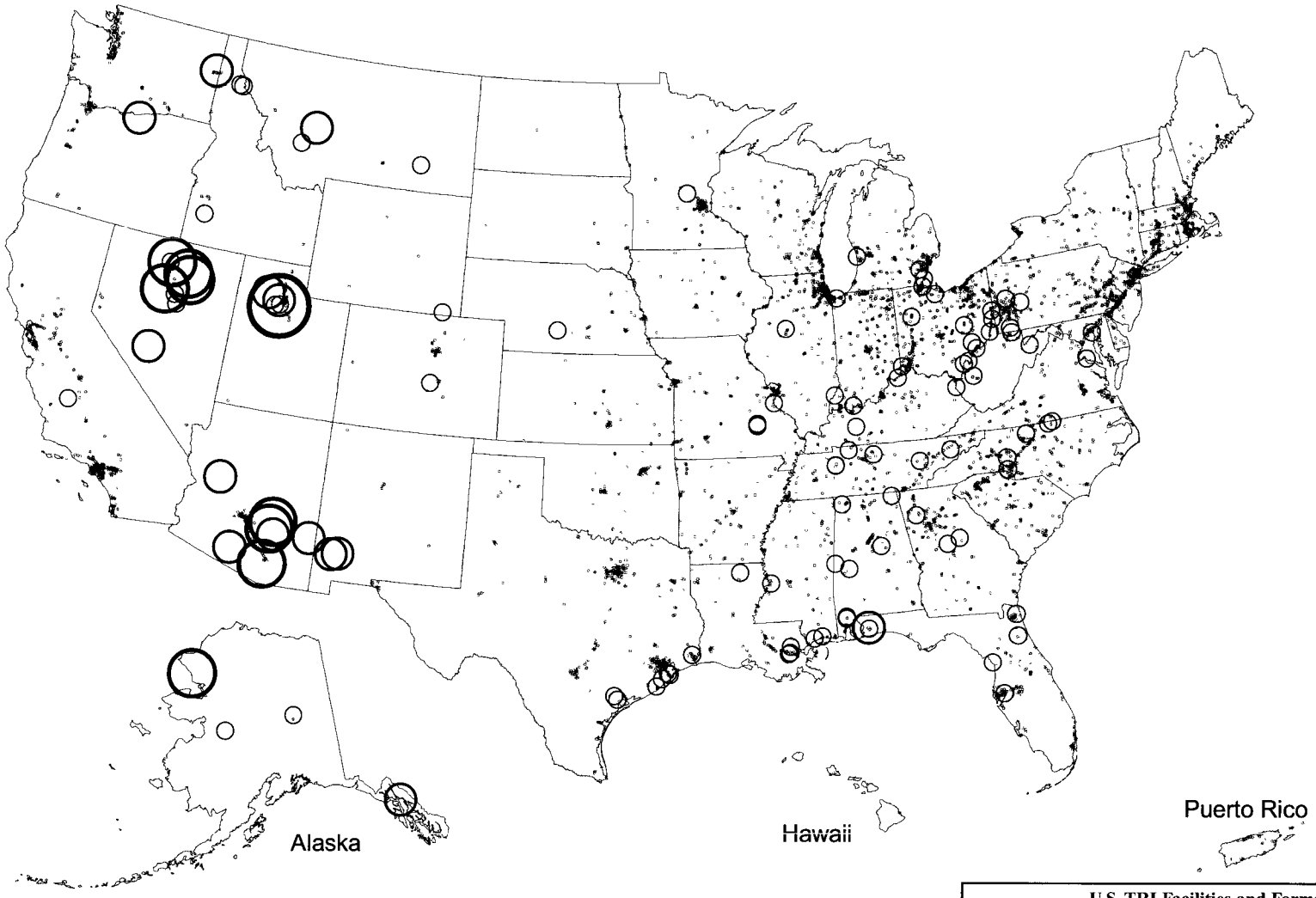
Table 10 TRI On-site and Off-site Releases by State, 1988 and 1998-2001 (Ordered by Total Releases, 2001)

State	Total On-site and Off-site Releases				
	1988 Pounds	1998* Pounds	1999* Pounds	2000* Pounds	2001* Pounds
Texas	317,750,846	172,764,186	169,019,688	150,863,359	130,161,517
Indiana	181,006,115	190,823,797	109,749,954	103,998,513	106,509,510
Pennsylvania	133,668,247	82,574,138	81,337,314	88,028,428	97,526,374
Ohio	200,150,264	125,842,440	116,070,400	108,382,963	90,503,277
Louisiana	128,650,462	91,648,691	78,931,515	80,039,572	70,261,272
Illinois	137,617,378	82,363,263	79,319,262	77,246,709	67,793,360
Tennessee	125,982,339	84,846,634	88,512,069	81,158,306	62,833,848
Alabama	109,514,008	75,938,708	73,603,097	66,722,803	61,046,155
Michigan	139,217,419	72,992,064	63,604,392	52,356,439	59,888,629
Arizona	61,546,345	50,910,305	47,746,980	181,863,964	52,682,488
South Carolina	65,776,497	50,245,262	55,823,738	51,624,240	51,980,911
Utah	122,205,520	93,257,547	77,160,274	101,543,627	48,389,716
Missouri	82,152,829	44,297,607	43,427,951	46,044,393	43,037,304
Mississippi	58,460,109	42,664,481	41,547,086	43,051,508	36,314,681
North Carolina	123,986,249	49,198,932	46,671,259	40,804,299	35,824,999
Georgia	85,153,116	47,499,696	46,436,053	44,833,112	35,292,498
Arkansas	40,821,858	38,643,064	38,768,553	44,833,959	33,482,252
Virginia	112,214,913	39,562,452	39,437,127	34,566,539	31,578,581
Kentucky	64,658,557	31,126,621	31,130,598	27,824,015	28,564,226
New Jersey	46,710,468	11,320,976	11,289,235	11,265,252	26,786,636
Florida	32,691,179	30,476,858	29,511,881	31,792,671	26,317,695
Wisconsin	61,055,945	33,747,246	31,665,333	28,964,812	25,451,864
Oregon	21,215,702	27,315,031	24,941,465	24,048,316	21,893,479
Iowa	42,341,892	24,387,962	24,955,641	24,827,838	19,238,409
Montana	33,466,759	44,207,723	45,743,353	46,571,684	18,235,000
California	107,885,862	23,932,226	23,157,265	23,387,176	16,664,659
New York	98,478,642	21,678,650	18,821,081	17,497,882	13,574,883
Minnesota	55,300,784	14,628,940	14,296,686	15,346,804	13,544,847
Kansas	30,205,576	17,528,879	20,139,459	16,846,453	12,825,713
Oklahoma	30,456,453	13,867,429	13,609,137	13,631,087	12,270,363
Nebraska	16,683,020	9,884,467	8,570,539	10,306,429	12,214,262
Washington	30,499,642	24,135,618	17,257,139	16,574,343	11,669,958
West Virginia	39,266,632	16,284,015	11,768,453	10,233,153	9,002,575
Idaho	7,316,493	12,698,307	14,634,818	12,975,144	8,570,132
Maryland	19,607,472	8,739,151	9,183,618	10,566,370	7,729,571
Delaware	8,658,072	5,777,582	5,238,646	5,566,738	5,169,960
Maine	15,517,845	6,596,536	5,929,343	6,284,338	5,007,867
Puerto Rico	12,856,111	6,573,399	5,153,647	5,284,464	4,835,361
Massachusetts	32,108,744	6,482,989	4,940,912	4,755,797	4,474,523
Connecticut	37,902,969	6,011,334	4,468,665	4,483,087	3,590,290
Nevada	2,340,068	3,689,687	5,377,604	4,066,087	3,194,475
Colorado	15,388,447	3,114,635	3,035,387	2,796,279	2,509,900
New Hampshire	13,838,392	2,279,086	2,441,069	2,255,462	1,179,021
South Dakota	2,370,743	1,412,646	1,078,885	1,197,767	1,058,415
North Dakota	1,162,397	1,170,745	1,080,667	824,742	924,707
Rhode Island	7,782,238	1,604,539	1,154,455	1,058,325	904,721
Virgin Islands	2,592,512	916,521	522,351	413,529	807,275
Wyoming	1,978,542	1,175,023	1,336,412	1,213,982	783,294
New Mexico	29,299,428	23,274,161	19,556,655	513,921	574,334
Alaska	3,714,069	314,358	208,583	263,581	520,187
Hawaii	846,055	306,151	267,212	413,374	382,866
Vermont	1,656,699	224,819	191,026	142,589	127,996
District of Columbia	750	11,511	18,096	13,062	17,411
American Samoa	0	0	0	0	0
Guam	0	0	0	0	0
Total	**3,153,729,673**	**1,872,969,088**	**1,709,842,028**	**1,782,169,286**	**1,435,724,244**

Note: Does not include delisted chemicals, chemicals added in 1990, 1991, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, PBT chemicals, sulfuric acid, vanadium and vanadium compounds **On-site Releases** are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R **Off-site Releases** include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs.

* Includes amounts for original (manufacturing) industries only for 1998-2001. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2001 and previous years has been included in SIC 10 and not in the manufacturing SIC code 33 for the purpose of this analysis

NATIONAL FACT SHEET



U.S. TRI Facilities and Forms, 2001	
Population	289,545,849
Square Miles	3,540,368
Total Facilities	24,896
Total Forms	95,513
Form As	12,295

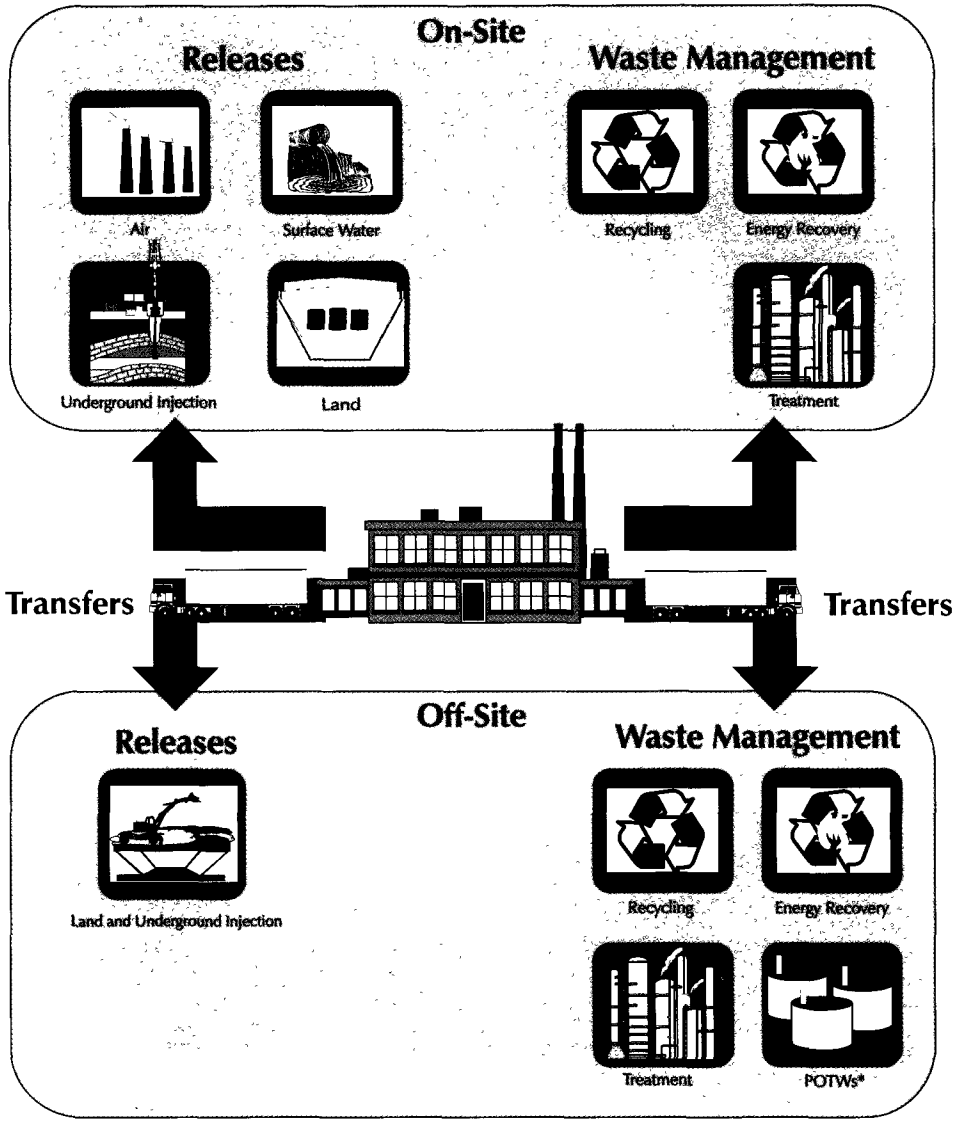
The largest circle on the map represents the largest facility for on-site releases in the country. All circles are proportionally-sized to represent the on-site releases at each facility within the country.

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	5,580,273,993
Air Emissions	1,679,373,058
Surface Water Discharges	220,796,115
Underground Injection Class I Wells	193,436,563
Underground Injection Class II-V Wells	21,987,723
On-site Land Releases to RCRA Subtitle C Landfills	138,220,131
Other On-site Land Releases	3,326,460,403
Off-site Releases (Transfers Off-site to Disposal)*	577,723,085
Total On- and Off-site Releases	**6,157,997,078**
Recycled On-site	7,558,346,576
Recycled Off-site	1,970,123,256
Energy Recovery On-site	2,646,959,925
Energy Recovery Off-site	826,420,385
Treated On-site	6,931,390,303
Treated Off-site**	626,325,057
Quantity Released On- and Off-site***	6,176,026,135
Total Production-related Waste Managed	**26,735,591,638**
Non-production-related Waste Managed	**56,889,153**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	1,950,840,492
Energy Recovery	840,332,852
Treatment	279,686,495
Publicly Owned Treatment Works (POTWs)	339,913,774
Metals and Metal Category Compounds	2,211,172
Non-metal TRI Chemicals**	337,702,602
Other Off-site Transfers****	1,781,068
Other Off-site Transfers to Disposal *(not including metals to POTWs)*	664,339,613
Total Transfers Off-site for Further Waste Management, including Disposal	**4,076,894,294**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code.

Information Collected under TRI



*Publicly Owned Treatment Works

For More Information . . .

EPA Headquarters Contact:
U.S. Environmental Protection Agency
Attn: TRI Program
MC: 2844T (EPA West, 5th Floor)
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

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
Phone: (202) 566-0250
E-mail: tri.us@epa.gov

TRI On- and Off-site Releases, 2001

On-site Releases	Pounds
Total Air Emissions	1,679,373,058
Fugitive Air Emissions	240,558,980
Point Source Air Emissions	1,438,814,078
Surface Water Discharges	220,796,115
Underground Injection	215,424,286
Class I Wells	193,436,563
Class II-V Wells	21,987,723
On-site Land Releases	3,464,680,533
RCRA Subtitle C Landfills	138,220,131
Other On-site Landfills	308,599,626
Land Treatment	14,122,290
Surface Impoundments	965,279,810
Other Disposal	2,038,458,676
Total On-site Releases	**5,580,273,993**
Off-site Releases	
Storage Only*	6,121,927
Solidification/Stabilization**	123,464,082
Metals and Metal Category Compounds Only	
Wastewater Treatment (Excluding POTWs)***	3,768,614
Metals and Metal Category Compounds Only	
Transfers to POTWs****	2,211,172
Metals and Metal Category Compounds Only	
Underground Injection	16,137,684
Landfills/Surface Impoundments	364,712,642
Land Treatment	7,263,730
Other Land Disposal	22,291,065
Other Off-site Management	15,606,659
Transfers to Waste Broker for Disposal	12,016,593
Unknown*****	4,128,918
Total Off-site Releases (Transfers Off-site to Disposal)	**577,723,085**
Total On- and Off-site Releases	**6,157,997,078**

Note: On-site Releases are from Section 5 of Form R. Off-site Releases are from Section 6 (transfers off-site to disposal) of Form R. Off-site Releases include metals and metal category compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs Off-site Releases do not include transfers to disposal sent to other TRI facilities that reported the amount as an on-site release

* Storage only (disposal code M10) indicates that the toxic chemical is sent off-site for storage because there is no known disposal method. Amounts reported as transferred to storage only are included as a form of disposal (off-site release).

** Beginning in reporting year 1997, transfers to solidification/stabilization of metals and metal category compounds (waste treatment code M41) are reported separately from transfers to solidification/stabilization of non-metal TRI chemicals (waste treatment code M40) Because this treatment method prepares a metal for disposal, but does not destroy it, such transfers are included as a form of disposal (off-site release) Reports under code M40 of metals and metal category compounds have been included in solidification/stabilization of metals and metal category compounds in this report

*** Beginning in reporting year 1997, transfers to wastewater treatment (excluding POTWs) of metals and metal category compounds (waste treatment code M61) are reported separately from transfers to wastewater treatment of non-metal TRI chemicals (waste treatment code M60) Because wastewater treatment does not destroy metals, such transfers are included as a form of disposal (off-site release) Transfers of metals and metal category compounds reported under code M60 have been included in transfers of metals and metal category compounds to wastewater treatment

**** Reported as discharges to POTWs in Section 6.1 of Form R. EPA considers transfers of metals and metal category compounds to POTWs as an off-site release because sewage treatment does not destroy the metal content of the waste material

***** Unknown (disposal code M99) indicates that a facility is not aware of the type of waste management used for the toxic chemical that is sent off-site. Amounts reported as unknown transfers are treated as a form of disposal (off-site release).

Total Releases On- and Off-site by Industry, 2001

SIC Code	Industry	Total On- and Off-site Releases* Pounds
10	Metal Mining	2,782,554,257
12	Coal Mining	16,117,710
20	Food	125,063,185
21	Tobacco	3,563,517
22	Textiles	6,961,084
23	Apparel	401,226
24	Lumber	31,415,989
25	Furniture	8,008,810
26	Paper	195,654,165
27	Printing	19,719,402
28	Chemicals	582,584,818
29	Petroleum	71,384,317
30	Plastics	88,535,433
31	Leather	2,614,681
32	Stone/Clay/Glass	40,460,674
33	Primary Metals	558,588,679
34	Fabricated Metals	64,018,394
35	Machinery	15,359,651
36	Electrical Equip.	23,934,059
37	Transportation Equip.	80,629,943
38	Measure./Photo.	9,375,245
39	Miscellaneous	8,433,757
--	Multiple codes 20-39	103,926,308
--	No codes 20-39	13,763,561
491/493	Electric Utilities	1,062,247,281
5169	Chemical Wholesale Distributors	1,468,270
5171	Petroleum Bulk Terminals/Bulk Storage	21,340,651
7389/4953	Hazardous Waste/Solvent Recovery	219,872,011
	Total for All Industries	**6,157,997,078**

* Includes transfers for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the Country (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases On- and Off-site** Pounds
—	**Copper compounds**	**1,416,114**	**418,663**	**894,183**	**998,260,861**	**17,096,211**	**1,018,086,032**
—	Zinc compounds	6,159,692	2,172,966	9,656,931	738,610,608	205,468,291	962,068,488
7647-01-0	**Hydrochloric acid**	**587,134,079**	**2,445**	**48,570**	**188,608**	**746,442**	**588,120,144**
—	Lead compounds	1,254,381	362,122	6,232,815	364,115,209	50,213,158	422,177,685
—	**Manganese compounds**	**1,877,226**	**6,236,782**	**12,481,513**	**331,701,802**	**47,995,623**	**400,292,945**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the Country

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases On- and Off-site** Pounds
—	**Lead compounds**	**1,254,380.94**	**362,122.44**	**6,232,814.69**	**364,115,208.54**	**50,213,158.38**	**422,177,685.00**
7439-92-1	Lead	378,740.71	51,297.37	6.65	15,304,665.99	5,079,312.56	20,814,023.27
—	**Mercury compounds**	**125,764.77**	**1,463.42**	**9,315.75**	**4,484,228.72**	**151,567.27**	**4,772,339.93**
—	Polycyclic aromatic compounds	1,146,126.02	16,384.58	332.40	159,816.95	1,536,544.27	2,859,204.23
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**1,359.90**	**2.80**	**0.00**	**2,491,162.15**	**12,251.02**	**2,504,775.86**
79-94-7	Tetrabromobisphenol A	54,004.91	9.00	0.00	196,675.00	625,481.75	876,170.66
7439-97-6	**Mercury**	**24,698.08**	**341.73**	**460.40**	**31,760.89**	**76,715.67**	**133,976.77**
191-24-2	Benzo(g,h,i)perylene	31,455.26	685.17	2.65	8,569.61	86,240.63	126,953.32
40487-42-1	**Pendimethalin**	**3,573.66**	**195.00**	**0.00**	**29,017.00**	**46,702.21**	**79,487.87**
118-74-1	Hexachlorobenzene	1,199.39	321.61	22.02	23,524.57	11,107.40	36,174.98
1582-09-8	**Trifluralin**	**2,896.17**	**1.00**	**115.00**	**17,113.70**	**2,390.11**	**22,515.98**
57-74-9	Chlordane	15.49	80.00	0.00	3,630.30	331.61	4,057.40
8001-35-2	**Toxaphene**	**42.34**	**6.29**	**0.14**	**3,073.89**	**854.53**	**3,977.18**
608-93-5	Pentachlorobenzene	69.10	132.70	1.48	2,349.90	206.32	2,759.50
29082-74-4	**Octachlorostyrene**	**0.00**	**0.12**	**0.00**	**193.00**	**508.60**	**701.72**
465-73-6	Isodrin	0.35	0.00	0.00	19.00	441.40	460.75
72-43-5	**Methoxychlor**	**25.19**	**0.00**	**0.00**	**334.69**	**95.93**	**455.81**
—	Dioxin and dioxin-like compounds	6.37	4.08	0.33	116.36	200.88	328.01
—	***Dioxin and dioxin-like compounds (in grams)***	***2,887.571***	***1,850.869***	***148.152***	***52,771.401***	***91,100.805***	***148,758.799***
76-44-8	Heptachlor	6.04	0.00	0.00	271.69	28.24	305.97
309-00-2	**Aldrin**	**0.31**	**0.00**	**0.00**	**0.00**	**1.07**	**1.38**

* Excludes amounts transferred to other TRI facilities in the country reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

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STATE FACT SHEETS

2001 Toxics Release Inventory

ALABAMA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	122,151,146
Air Emissions	75,567,809
Surface Water Discharges	4,713,394
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	92,912
On-site Land Releases to RCRA Subtitle C Landfills	7,161,905
Other On-site Land Releases	34,615,126
Off-site Releases (Transfers Off-site to Disposal)*	12,294,431
Total On- and Off-site Releases	**134,445,577**
Recycled On-site	818,525,464
Recycled Off-site	42,141,345
Energy Recovery On-site	55,906,584
Energy Recovery Off-site	23,619,563
Treated On-site	226,084,174
Treated Off-site**	22,101,850
Quantity Released On- and Off-site***	138,399,983
Total Production-related Waste Managed	**1,326,778,962**
Non-production-related Waste Managed	**70,451**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	42,914,718
Energy Recovery	22,530,090
Treatment	10,897,492
Publicly Owned Treatment Works (POTWs)	3,948,382
Metals and Metal Category Compounds*	13,093
Non-metal TRI Chemicals**	3,935,289
Other Off-site Transfers****	201,150
Transfers Off-site to Disposal *(not including metals to POTWs)*	16,840,893
Total Transfers Off-site for Further Waste Management, including Disposal	**97,332,726**

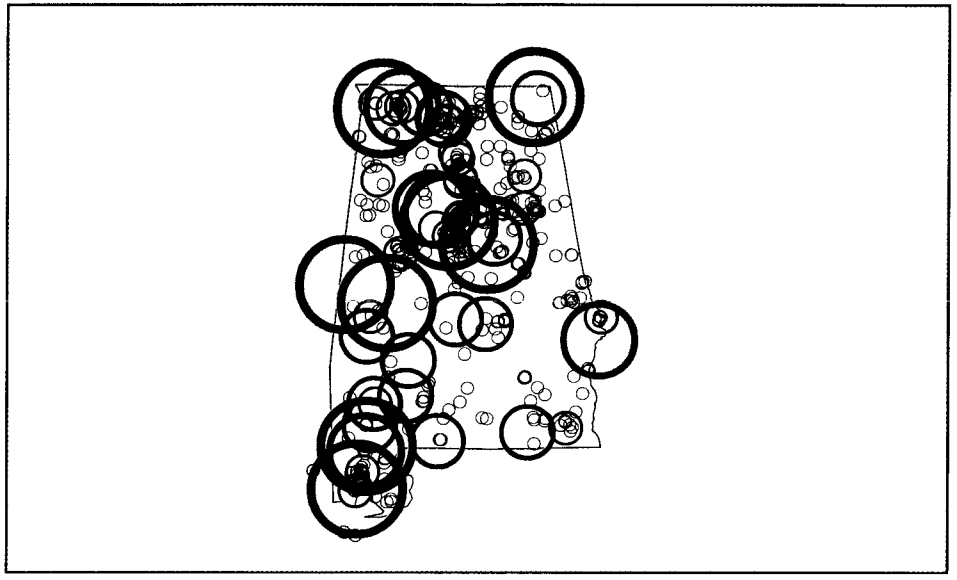
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases; e.g releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Kirk Chandler
P.O. Box 301463
Montgomery, AL 36130-1463
(334) 260-2714
Fax: (334) 272-8131
kfc@adem.state.al.us

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Alabama. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	4,468,912
Square Miles	50,750
Total Facilities	566
Total Forms	2,424
Form As	257

	Total
National Rank for Total On- and Off-site Releases*	
Rank	13
Pounds	134,445,577
National Rank for Total On-site Releases**	
Rank	11
Pounds	122,151,146
National Rank for Total Releases within State***	
Rank	14
Pounds	132,422,549
National Rank for Production-related Waste Managed	
Rank	4
Pounds	1,326,778,962

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

ALABAMA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**30,478,837**	**0**	**0**	**0**	**17,728**	**30,496,565**	**0**	**0**	**17,728**
67-56-1	Methanol	10,793,844	127,835	0	57,005	1,236,486	12,215,170	10,339	1,966	1,234,520
—	**Zinc compounds**	**133,635**	**75,179**	**0**	**7,144,741**	**4,670,986**	**12,024,541**	**257,175**	**522,897**	**4,228,436**
—	Manganese compounds	41,144	598,178	22,000	9,023,693	2,229,440	11,914,455	307,985	1,514,797	758,185
—	**Barium compounds**	**94,875**	**87,626**	**64,000**	**9,420,641**	**285,672**	**9,952,814**	**150,096**	**308,246**	**5,473**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**30,954.01**	**5,571.78**	**6,900.00**	**1,833,151.42**	**593,565.86**	**2,470,143.07**	**103,212.47**	**338,987.00**	**262,065.96**
1336-36-3	Polychlorinated biphenyls (PCBs)	130.33	0.00	0.00	200,000.00	100.00	200,230.33	721.00	110.30	0.00
—	**Mercury compounds**	**4,302.16**	**45.00**	**12.00**	**100,510.89**	**294.63**	**105,164.68**	**7,289.41**	**244.57**	**57.46**
—	Polycyclic aromatic compounds	12,687.64	399.92	0.00	14,014.18	62,848.09	89,949.83	981.23	44,274.14	18,723.95
7439-92-1	**Lead**	**11,809.06**	**947.48**	**0.00**	**34,054.23**	**6,987.97**	**53,798.75**	**33,485.64**	**43,323.07**	**1,014.00**
191-24-2	Benzo(g,h,i)perylene	4,155.11	1.02	0.00	649.90	93.15	4,899.18	0.09	93.15	0.00
7439-97-6	**Mercury**	**1,601.10**	**7.69**	**0.00**	**813.29**	**620.59**	**3,042.67**	**2,631.13**	**83.29**	**540.40**
1582-09-8	Trifluralin	1.00	0.00	0.00	1,840.00	0.00	1,841.00	0.00	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**1,185.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,185.00**	**0.00**	**0.00**	**0.00**
57-74-9	Chlordane	0.40	0.00	0.00	600.00	0.00	600.40	0.00	0.00	0.00
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.00**	**480.00**	**0.00**	**480.00**	**0.00**	**0.00**	**0.00**
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	420.00	0.00	420.00	0.00	0.00	0.00
40487-42-1	**Pendimethalin**	**0.00**	**0.00**	**0.00**	**418.00**	**0.00**	**418.00**	**0.00**	**0.00**	**0.00**
72-43-5	Methoxychlor	0.12	0.00	0.00	161.00	0.00	161.12	0.00	0.00	0.00
8001-35-2	**Toxaphene**	**0.04**	**0.00**	**0.00**	**60.00**	**0.00**	**60.04**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.10	0.22	0.00	0.19	0.50	1.01	9.34	0.14	0.36
—	***Dioxin and dioxin-like compounds (in grams)***	***45.526***	***101.506***	***0.000***	***84.099***	***225.817***	***456.949***	***4,233.925***	***62.091***	***163.726***
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

ALABAMA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	**9,227,090**	**7,839**	**0**	**0**	**0**	**787,007**	**10,021,936**	**0**	**0**
Alabama Power Co. Gaston Steam Plant, Wilsonville, Shelby	4,695,583	50,355	0	0	0	4,414,642	9,160,580	0	0
Kerr McGee Chemical Ltd. Liability Corp., Theodore, Mobile	**122,952**	**9,884**	**0**	**0**	**0**	**7,980,576**	**8,113,412**	**0**	**0**
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	5,966,795	8,650	0	0	0	1,720,898	7,696,343	22	0
Chemical Waste Management, Emelle, Sumter	**5,000**	**0**	**0**	**0**	**7,081,123**	**0**	**7,086,123**	**1,330**	**39,307**
Southern Co. Barry Steam Plant, Bucks, Mobile	5,089,416	24,216	0	0	0	1,839,854	6,953,486	0	0
USS Fairfield Works, Fairfield, Jefferson	**12,898**	**5,129**	**0**	**0**	**0**	**6,782,713**	**6,800,740**	**36,915**	**0**
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	3,965,584	100,037	0	0	0	2,103,244	6,168,865	19,066	0
Alabama Power Co. Gorgas Steam Plant, Parrish, Walker	**3,254,222**	**8,985**	**0**	**0**	**0**	**2,044,522**	**5,307,729**	**1**	**0**
Acordis Cellulosic Fibers Inc., Axis, Mobile	3,689,730	13,770	0	0	0	185,000	3,888,500	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management, Emelle, Sumter	**414.82**	**0.00**	**0.00**	**0.00**	**1,198,983.00**	**0.00**	**1,199,397.83**	**75.00**	**2,317.00**
USS Fairfield Works, Fairfield, Jefferson	280.00	199.00	0.00	0.00	0.00	190,013.00	190,492.00	570.00	0.00
U.S. Steel Mining Co. L.L.C. Oak Grove Sys., Adger, Jefferson	**23.00**	**10.00**	**0.00**	**6,912.00**	**0.00**	**140,210.00**	**147,155.00**	**0.00**	**0.00**
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	2,077.30	10.80	0.00	0.00	0.00	103,425.30	105,513.40	0.00	0.00
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	**958.88**	**87.00**	**0.00**	**0.00**	**0.00**	**98,244.20**	**99,290.08**	**1,451.10**	**0.00**
Alabama Power Co. Gaston Steam Plant, Wilsonville, Shelby	1,563.20	396.10	0.00	0.00	0.00	86,593.90	88,553.20	0.40	0.00
Chemical Lime Co. Alabaster Plant, Alabaster, Shelby	**7.54**	**0.00**	**0.00**	**0.00**	**0.00**	**82,510.01**	**82,517.55**	**0.00**	**0.00**
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	1,030.10	24.60	0.00	0.00	0.00	49,633.20	50,687.90	16.90	0.00
Alabama Power Co. Gorgas Steam Plant, Parrish, Walker	**723.60**	**0.40**	**0.00**	**0.00**	**0.00**	**39,717.00**	**40,441.00**	**0.70**	**0.00**
Southern Co. Barry Steam Plant, Bucks, Mobile	1,030.80	172 80	0.00	0.00	0.00	29,127.40	30,331.00	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	**0**	**0**	**0**	**0**	**0**	**0**	**10,021,936**	**10,021,936**	**0**
Alabama Power Co Gaston Steam Plant, Wilsonville, Shelby	0	0	0	0	0	0	9,160,583	9,160,583	0
Kerr McGee Chemical Ltd. Liability Corp., Theodore, Mobile	**0**	**0**	**0**	**0**	**31,507**	**0**	**8,110,122**	**8,141,629**	**0**
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	0	46,060	0	0	847,000	0	7,675,450	8,568,510	0
Chemical Waste Management, Emelle, Sumter	**0**	**10**	**0**	**0**	**0**	**438,155**	**7,118,619**	**7,556,784**	**0**
Southern Co. Barry Steam Plant, Bucks, Mobile	0	0	0	0	0	0	6,953,486	6,953,486	0
USS Fairfield Works, Fairfield, Jefferson	**0**	**545,300**	**0**	**0**	**310,000**	**0**	**6,819,300**	**7,674,600**	**0**
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	0	8	0	0	7,880,000	0	6,169,136	14,049,144	0
UOP L.L.C., Chickasaw, Mobile	**0**	**0**	**0**	**0**	**1,120,000**	**0**	**5,358,390**	**6,478,390**	**0**
Alabama Power Co. Gorgas Steam Plant, Parrish, Walker	0	0	0	0	0	0	5,307,734	5,307,734	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management, Emelle, Sumter	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**81,224.00**	**1,202,254.00**	**1,283,478.00**	**0.00**
USS Fairfield Works, Fairfield, Jefferson	0.00	4,800.00	0.00	0.00	0.00	0.00	190,160.00	194,960.00	0.00
Ipsco Steel (Alabama) Inc., Axis, Mobile	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**151,462.00**	**151,462.00**	**0.00**
U.S. Steel Mining Co. L.L.C. Oak Grove Sys., Adger, Jefferson	0.00	0.00	0.00	0.00	0.00	0.00	150,220.00	150,220.00	0.00
McWane Cast Iron Pipe Co., Birmingham, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**149,438.00**	**149,438.00**	**0.00**
Union Fndry. Co., Anniston, Calhoun	0.00	0.00	0.00	0.00	0.00	0.00	119,200.00	119,200.00	0.00
Corus Tuscaloosa, Tuscaloosa, Tuscaloosa	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**111,946.00**	**111,946.00**	**0.00**
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	0.00	0.00	0.00	0.00	0.00	0.00	105,513.00	105,513.00	0.00
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	**0.00**	**8.00**	**0.00**	**0.00**	**0.00**	**0.00**	**100,696.00**	**100,704.00**	**0.00**
Alabama Power Co. Gaston Steam Plant, Wilsonville, Shelby	0.00	0.00	0.00	0.00	0.00	0.00	88,554.00	88,554.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

2001 Toxics Release Inventory

ALASKA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	522,066,660
Air Emissions	3,201,013
Surface Water Discharges	76,438
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	20,554,878
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	498,234,331
Off-site Releases (Transfers Off-site to Disposal)*	6,071
Total On- and Off-site Releases	**522,072,731**
Recycled On-site	1,377,417
Recycled Off-site	34,652
Energy Recovery On-site	450,000
Energy Recovery Off-site	108,217
Treated On-site	2,769,603
Treated Off-site**	2,955
Quantity Released On- and Off-site***	521,478,368
Total Production-related Waste Managed	**526,221,212**
Non-production-related Waste Managed	**17,994**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	35,018
Energy Recovery	13,545
Treatment	4,616
Publicly Owned Treatment Works (POTWs)	34,977
Metals and Metal Category Compounds*	5,957
Non-metal TRI Chemicals**	29,020
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,272
Total Transfers Off-site for Further Waste Management, including Disposal	**89,428**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions

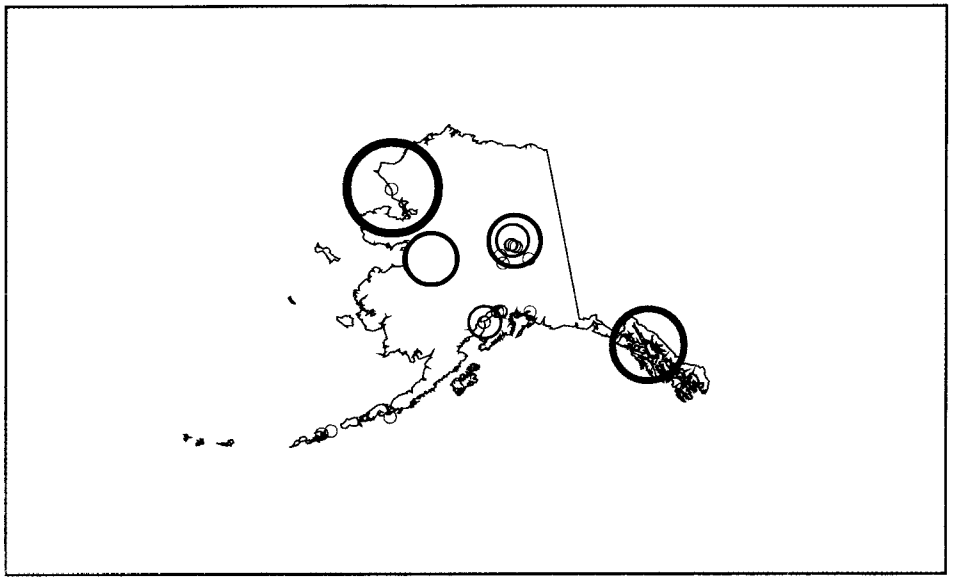
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Camille Stephens
410 Willoughby Ave., Suite 303
Juneau, AK 99801-1795
(907) 465-5242
Fax: (907) 465-5244
camille_stephens@dec.state.ak.us

EPA Regional Contact
Christina Colt
USEPA Region 10 (WCM-128)
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-4016
colt.christina@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Alaska. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	633,630
Square Miles	570,374
Total Facilities	32
Total Forms	186
Form As	17

	Total
National Rank for Total On- and Off-site Releases*	
Rank	4
Pounds	522,072,731
National Rank for Total On-site Releases**	
Rank	4
Pounds	522,066,660
National Rank for Total Releases within State***	
Rank	4
Pounds	522,072,652
National Rank for Production-related Waste Managed	
Rank	17
Pounds	526,221,212

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

ALASKA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds**	**58,859**	**845**	**9,100,000**	**300,902,429**	**0**	**310,062,133**	**0**	**0**	**0**
—	Lead compounds	11,395	116	6,000,000	139,164,213	1,135	145,176,860	0	1,109	26
—	**Manganese compounds**	**464**	**96**	**1,100,000**	**36,568,840**	**750**	**37,670,150**	**0**	**750**	**0**
—	Copper compounds	475	57	670,000	5,193,578	750	5,864,860	0	750	0
—	**Chromium compounds**	**102**	**27**	**51,000**	**4,977,114**	**1,101**	**5,029,344**	**0**	**1,100**	**1**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**11,395.10**	**116.40**	**6,000,000.00**	**139,164,213.40**	**1,135.30**	**145,176,860.20**	**0.00**	**1,109.00**	**26.30**
7439-92-1	Lead	338.00	10 00	0.00	22,237.00	1,182.00	23,767.00	0 00	0 00	1,182.00
—	**Mercury compounds**	**129.37**	**0.00**	**7,867.00**	**9,667.30**	**5.90**	**17,669.57**	**0.00**	**4.00**	**1.90**
—	Polycyclic aromatic compounds	1,235.50	19.00	0.00	32.00	28.70	1,315.20	0.00	0.00	28.70
7439-97-6	**Mercury**	**104.87**	**0.12**	**0.00**	**2.70**	**0.00**	**107.69**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	0.10	1.10	0.00	7.00	0.10	8.30	0.00	0.00	0.10
—	**Dioxin and dioxin-like compounds**	**0.02**	**0.02**	**0.00**	**0.00**	**0.00**	**0.04**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*8.369*	*7.540*	*0 000*	*0.000*	*0.000*	*15.909*	*0.000*	*0.000*	*0.000*
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

ALASKA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	**524,146**	**819**	**0**	**0**	**0**	**431,487,880**	**432,012,845**	**0**	**0**
Kennecott Greens Creek Mining Co., Juneau, Juneau	21,074	486	0	20,554,867	0	21,971,783	42,548,210	0	0
Illinois Creek Mine, Anchorage, Anchorage	**803**	**0**	**0**	**0**	**0**	**28,028,900**	**28,029,703**	**0**	**0**
Fort Knox Mine, Fairbanks, Fairbanks North Star	55,980	0	0	0	0	15,161,006	15,216,985	5,957	2
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	**1,437,155**	**70,300**	**0**	**11**	**0**	**300**	**1,507,766**	**0**	**0**
True North Mine, Fairbanks, Fairbanks North Star	8	0	0	0	0	1,333,495	1,333,503	0	0
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	**438,424**	**0**	**0**	**0**	**0**	**1,685**	**440,109**	**0**	**0**
Golden Valley Electric Assoc. Inc. Healy Power Plant, Healy, Denali	249,193	0	0	0	0	0	249,193	0	0
Aurora Energy, Fairbanks, Fairbanks North Star	**235,903**	**0**	**0**	**0**	**0**	**0**	**235,903**	**0**	**0**
U.S. Air Force Eielson AFB AK, Eielson A F B, Fairbanks North Star	28,122	10	0	0	0	198,012	226,144	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	9,379.02	8.00	0.00	0.00	0.00	128,298,825.00	128,308,212.02	0.00	0.00
Kennecott Greens Creek Mining Co., Juneau, Juneau	20.77	97.00	0.00	6,007,867.00	0.00	6,908,783.00	12,916,767.77	0.00	0.00
Fort Knox Mine, Fairbanks, Fairbanks North Star	144.60	0.00	0.00	0.00	0.00	1,565,305.60	1,565,450.20	0.00	1,107.70
True North Mine, Fairbanks, Fairbanks North Star	7.80	0.00	0.00	0.00	0.00	1,333,494.80	1,333,502.60	0.00	0.00
Illinois Creek Mine, Anchorage, Anchorage	9.60	0.00	0.00	0.00	0.00	1,067,454.00	1,067,463.60	0.00	0.00
U.S. Army Fort Wainwright Training Ranges, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	11,426.00	11,426.00	0.00	0.00
U.S. Army Fort Richardson - Training Ranges, Fort Richardson, Anchorage	0.00	0.00	0.00	0.00	0.00	6,605.00	6,605.00	0.00	0.00
U.S. Army Fort Greely - Training Ranges, Delta Junction, Southeast Fairbanks	0.00	0.00	0.00	0.00	0.00	2,581.00	2,581.00	0.00	0.00
Delong Mountain Transportation Facility Port Site, Kotzebue, Northwest Arctic	1,471.00	1.00	0.00	0.00	0.00	0.00	1,472.00	0.00	0.00
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	108.00	0.00	0.00	0.00	0.00	979.70	1,087.70	0.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

2001 Toxics Release Inventory

ALASKA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	**396,347**	**0**	**0**	**0**	**0**	**0**	**432,049,395**	**432,445,742**	**0**
Kennecott Greens Creek Mining Co., Juneau, Juneau	0	0	0	0	0	0	42,410,000	42,410,000	0
Illinois Creek Mine, Anchorage, Anchorage	**0**	**0**	**0**	**0**	**0**	**0**	**27,956,762**	**27,956,762**	**0**
Fort Knox Mine, Fairbanks, Fairbanks North Star	418,310	0	0	0	53,000	2	14,846,836	15,318,148	0
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	**0**	**12,000**	**450,000**	**0**	**1,741,200**	**0**	**1,473,560**	**3,676,760**	**5,500**
True North Mine, Fairbanks, Fairbanks North Star	0	0	0	0	0	0	1,333,503	1,333,503	0
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	**0**	**0**	**0**	**0**	**0**	**0**	**439,532**	**439,532**	**0**
Golden Valley Electric Assoc. Inc. Healy Power Plant, Healy, Denali	0	0	0	0	0	0	249,193	249,193	0
Aurora Energy, Fairbanks, Fairbanks North Star	**0**	**0**	**0**	**0**	**0**	**0**	**235,903**	**235,903**	**0**
U.S. Air Force Eielson AFB AK, Eielson A F B, Fairbanks North Star	0	0	0	0	0	0	228,753	228,753	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**128,308,211.00**	**128,308,211.00**	**0.00**
Kennecott Greens Creek Mining Co., Juneau, Juneau	0.00	0.00	0.00	0.00	0.00	0.00	13,017,000.00	13,017,000.00	0.00
True North Mine, Fairbanks, Fairbanks North Star	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,333,503.00**	**1,333,503.00**	**0.00**
Fort Knox Mine, Fairbanks, Fairbanks North Star	34.00	0.00	0.00	0.00	0.00	1.00	1,161,581.00	1,161,616.00	0.00
Illinois Creek Mine, Anchorage, Anchorage	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,067,464.00**	**1,067,464.00**	**0.00**
U.S. Army Fort Wainwright Training Ranges, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	0.00	11,426.00	11,426.00	0.00
U.S. Army Fort Richardson - Training Ranges, Fort Richardson, Anchorage	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,605.00**	**6,605.00**	**0.00**
U.S. Army Fort Greely - Training Ranges, Delta Junction, Southeast Fairbanks	0.00	0.00	0.00	0.00	0.00	0.00	2,581.00	2,581.00	0.00
Delong Mountain Transportation Facility Port Site, Kotzebue, Northwest Arctic	**0.00**	**0.00**	**0.00**	**98,000.00**	**0.00**	**0.00**	**1,476.00**	**99,476.00**	**0.00**
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	0.00	1,216.00	1,216.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

AMERICAN SAMOA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	6,920
Air Emissions	6,920
Surface Water Discharges	0
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	0
Off-site Releases (Transfers Off-site to Disposal)*	0
Total On- and Off-site Releases	**6,920**
Recycled On-site	0
Recycled Off-site	0
Energy Recovery On-site	129
Energy Recovery Off-site	0
Treated On-site	0
Treated Off-site**	0
Quantity Released On- and Off-site***	6,920
Total Production-related Waste Managed	**7,049**
Non-production-related Waste Managed	**10**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	0
Energy Recovery	0
Treatment	0
Publicly Owned Treatment Works (POTWs)	0
Metals and Metal Category Compounds*	0
Non-metal TRI Chemicals**	0
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	0
Total Transfers Off-site for Further Waste Management, including Disposal	**0**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions.

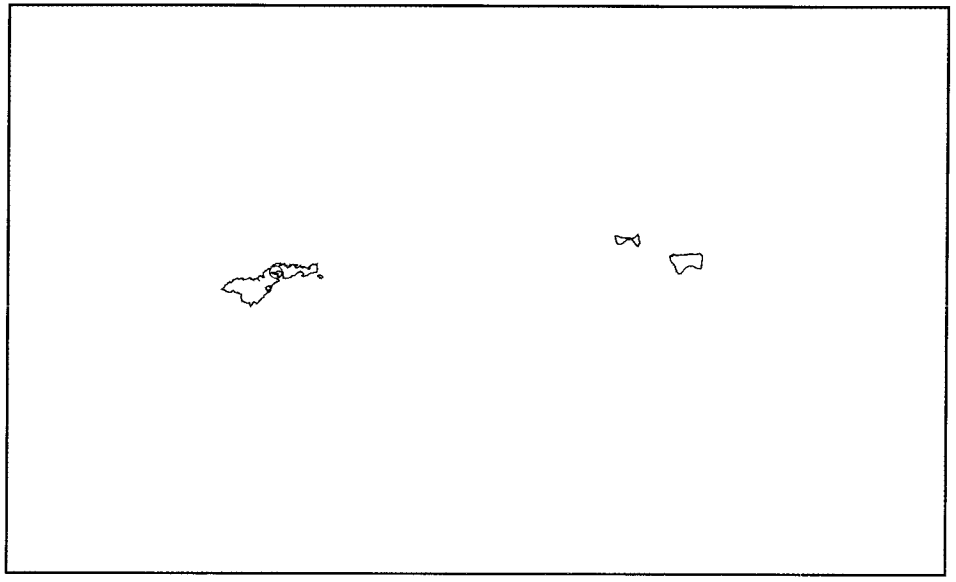
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Pati Faiai
Togipa Tausaga, Director
Pago Pago, AS 96799
International (684) 633-2304
Fax: (684) 633-5801
asepa@samoatelco.com

EPA Regional Contact
Nancy Sockabasin
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3772
sockabasin.nancy@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the map represents the largest facility for on-site releases in American Samoa All circles are proportionally-sized to represent the on-site releases at each facility within this territory.

State/TRI Data	
Population	57,291
Square Miles	77
Total Facilities	2
Total Forms	2
Form As	0

	Total
National Rank for Total On- and Off-site Releases*	
Rank	56
Pounds	6,920
National Rank for Total On-site Releases**	
Rank	56
Pounds	6,920
National Rank for Total Releases within State***	
Rank	56
Pounds	6,920
National Rank for Production-related Waste Managed	
Rank	56
Pounds	7,049

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

AMERICAN SAMOA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-41-7	**Ammonia**	**6,920**	**0**	**0**	**0**	**0**	**6,920**	**0**	**0**	**0**
—	Polycyclic aromatic compounds	0	0	0	0	0	0	0	0	0
	—									
	—									
	—									

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Polycyclic aromatic compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
191-24-2	**Benzo(g,h,i)perylene**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
—	**Dioxin and dioxin-like compounds**	—***	—	—	—	—	—	—	—	—
—	*Dioxin and dioxin-like compounds (in grams)*	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
7439-92-1	Lead	—***	—	—	—	—	—	—	—	—
—	**Lead compounds**	—***	—	—	—	—	—	—	—	—
7439-97-6	Mercury	—***	—	—	—	—	—	—	—	—
—	**Mercury compounds**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

AMERICAN SAMOA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Cos Samoa Packing Co., Pago Pago, Eastern	**6,920**	**0**	**0**	**0**	**0**	**0**	**6,920**	**0**	**0**
Starkist Samoa Inc., Pago Pago Samoa, Eastern	0	0	0	0	0	0	0	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Cos Samoa Packing Co., Pago Pago, Eastern	**0**	**0**	**0**	**0**	**0**	**0**	**6,920**	**6,920**	**10**
Starkist Samoa Inc., Pago Pago Samoa, Eastern	0	0	128	0	0	0	0	128	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Starkist Samoa Inc., Pago Pago Samoa, Eastern	**0.00**	**0.00**	**128.00**	**0.00**	**0.00**	**0.00**	**0.00**	**128.00**	**0.00**

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

ARIZONA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	606,092,545
Air Emissions	4,600,105
Surface Water Discharges	6,376
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	4,886
Other On-site Land Releases	601,481,177
Off-site Releases (Transfers Off-site to Disposal)*	721,776
Total On- and Off-site Releases	**606,814,321**
Recycled On-site	58,925,877
Recycled Off-site	18,509,833
Energy Recovery On-site	422,012
Energy Recovery Off-site	488,202
Treated On-site	10,710,007
Treated Off-site**	2,511,844
Quantity Released On- and Off-site***	608,214,311
Total Production-related Waste Managed	**699,782,085**
Non-production-related Waste Managed	**79,115**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	18,527,637
Energy Recovery	487,455
Treatment	1,032,434
Publicly Owned Treatment Works (POTWs)	1,513,837
Metals and Metal Category Compounds*	1,835
Non-metal TRI Chemicals**	1,512,002
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	928,483
Total Transfers Off-site for Further Waste Management, including Disposal	**22,489,845**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions.

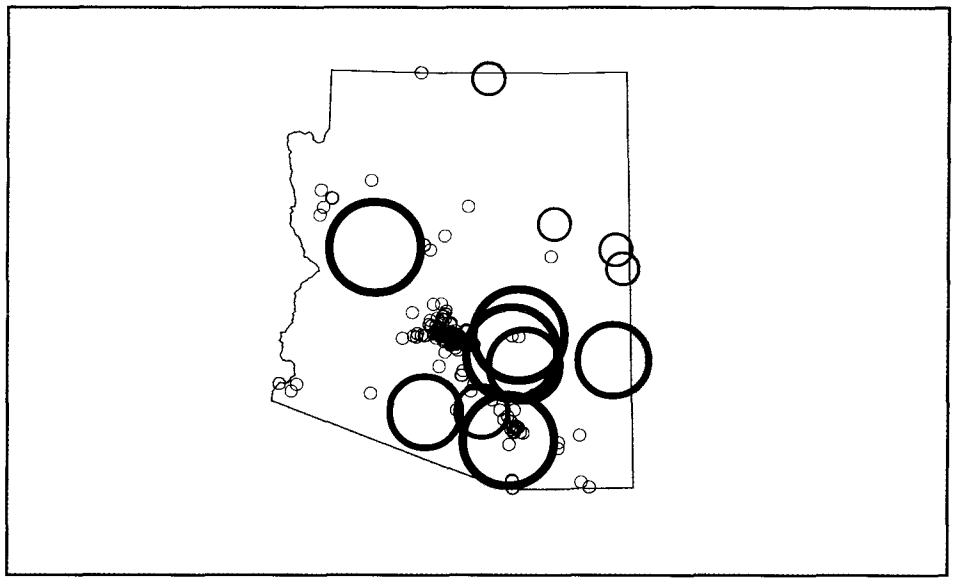
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Daniel Roe
5636 East McDowell Road
Phoenix, AZ 85008
(602) 231-6345
Fax: (602) 392-7519
roed@dem.state.az.us

EPA Regional Contact
Nancy Sockabasin
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3772
sockabasin.nancy@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Arizona All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,306,966
Square Miles	113,642
Total Facilities	275
Total Forms	915
Form As	127

	Total
National Rank for Total On- and Off-site Releases*	
Rank	3
Pounds	606,814,321
National Rank for Total On-site Releases**	
Rank	3
Pounds	606,092,545
National Rank for Total Releases within State***	
Rank	3
Pounds	607,603,696
National Rank for Production-related Waste Managed	
Rank	11
Pounds	699,782,085

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

ARIZONA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Copper compounds**	**135,813**	**584**	**0**	**451,467,272**	**78,121**	**451,681,790**	**18,878**	**69,118**	**9,003**
—	Zinc compounds	25,146	454	0	67,699,826	114,018	67,839,444	57,600	12,721	101,297
—	**Barium compounds**	**17,942**	**0**	**0**	**42,906,576**	**66**	**42,924,584**	**250**	**0**	**66**
—	Manganese compounds	19,258	5	0	14,151,651	131,070	14,301,984	217	40,197	90,873
—	**Lead compounds**	**31,143**	**6**	**0**	**11,107,738**	**63,284**	**11,202,171**	**1,890**	**17,758**	**45,526**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**31,143.26**	**6.01**	**0.00**	**11,107,738.23**	**63,283.73**	**11,202,171.23**	**1,889.84**	**17,757.59**	**45,526.14**
7439-92-1	Lead	705.39	1.00	0.00	73,645.30	14,227.90	88,579.59	8,736 44	10,650.90	3,577.00
—	**Mercury compounds**	**1,031.42**	**0.00**	**0.00**	**29,023.96**	**245.36**	**30,300.74**	**3.00**	**240.80**	**4.56**
—	Polycyclic aromatic compounds	1,214.95	0.00	0.00	423.40	0.40	1,638.75	1.00	0.40	0.00
7439-97-6	**Mercury**	**542.00**	**0.00**	**0.00**	**6.00**	**266.34**	**814.35**	**0.00**	**9.20**	**257.14**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	726.00	726.00	0.00	0.00	726.00
79-94-7	**Tetrabromobisphenol A**	**2.21**	**0.00**	**0.00**	**0.00**	**215.50**	**217.71**	**0.00**	**215.50**	**0.00**
191-24-2	Benzo(g,h,i)perylene	0.74	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**0.04**	**0.05**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*16.368*	*0.000*	*0.000*	*0.013*	*0 000*	*16.381*	*23.245*	*0.000*	*0.000*
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

ARIZONA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
ASARCO Inc. Mission Complex, Sahuarita, Pima	**7,545**	**0**	**0**	**0**	**0**	**140,980,685**	**140,988,230**	**0**	**0**
ASARCO Inc. Ray Ops. Mine, Kearny, Pinal	13,979	282	0	0	0	129,320,142	129,334,403	0	0
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	**8,631**	**5**	**0**	**0**	**0**	**114,376,981**	**114,385,617**	**0**	**0**
Phelps Dodge Miami Inc., Claypool, Gila	333,752	0	0	0	0	97,838,452	98,172,204	1,661	0
ASARCO Inc. Ray Complex/Hayden Smelter & Concentrator, Hayden, Gila	**172,926**	**0**	**0**	**0**	**0**	**51,702,830**	**51,875,756**	**62,843**	**0**
Phelps Dodge Sierrita Inc., Green Valley, Pima	21,944	5	0	0	0	28,816,722	28,838,672	0	0
Phelps Dodge Morenci Inc., Morenci, Greenlee	**112,876**	**0**	**0**	**0**	**0**	**26,013,057**	**26,125,933**	**2,498**	**77,000**
Silver Bell Mining L.L.C., Marana, Pima	1,110	6	0	0	0	5,142,008	5,143,124	0	0
Springerville Generating Station, Springerville, Apache	**92,368**	**0**	**0**	**0**	**0**	**2,349,131**	**2,441,499**	**0**	**0**
Navajo Generating Station, Page, Coconino	243,615	0	0	0	0	2,124,571	2,368,186	0	111

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
ASARCO Inc. Mission Complex, Sahuarita, Pima	499.00	0.00	0.00	0.00	0.00	4,206,569.00	4,207,068.00	0.00	0.00
ASARCO Inc. Ray Ops. Mine, Kearny, Pinal	764.20	0.00	0.00	0.00	0.00	2,041,544.00	2,042,308.20	0.00	0.00
ASARCO Inc. Ray Complex/Hayden Smelter & Concentrator, Hayden, Gila	12,738.00	0.00	0.00	0.00	0.00	1,973,139.00	1,985,877.00	928.00	0.00
Phelps Dodge Miami Inc., Claypool, Gila	11,997.06	0.00	0.00	0.00	0.00	1,416,442.00	1,428,439 06	406.21	0.00
Phelps Dodge Sierrita Inc., Green Valley, Pima	57.30	0.00	0.00	0.00	0.00	1,086,692.20	1,086,749.50	0.00	0.00
Phelps Dodge Morenci Inc., Morenci, Greenlee	1,812.30	0.00	0.00	0.00	0.00	196,846 60	198,658.90	273.74	0.00
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	46.20	0.00	0.00	0.00	0.00	130,900.00	130,946.20	0.00	0.00
Springerville Generating Station, Springerville, Apache	497.01	0.00	0.00	0.00	0.00	67,001.00	67,498 01	0 00	0.00
Navajo Generating Station, Page, Coconino	642.01	0.00	0.00	0.00	0.00	23,650.00	24,292.01	0.00	29.40
Coronado Generating Station, Saint Johns, Apache	419 86	0.00	0.00	0.00	0.00	23,589.00	24,008.86	0 00	0 00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
ASARCO Inc. Mission Complex, Sahuarita, Pima	**0**	**0**	**0**	**0**	**0**	**0**	**140,988,230**	**140,988,230**	**0**
ASARCO Inc. Ray Ops. Mine, Kearny, Pinal	18,236	69,263	0	0	0	0	129,334,403	129,421,902	0
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	**0**	**0**	**0**	**0**	**0**	**0**	**114,384,960**	**114,384,960**	**0**
Phelps Dodge Miami Inc., Claypool, Gila	0	318,282	0	0	0	0	99,044,666	99,362,948	0
ASARCO Inc. Ray Complex/Hayden Smelter & Concentrator, Hayden, Gila	**35,952,214**	**2,229,625**	**0**	**0**	**0**	**0**	**51,937,928**	**90,119,767**	**0**
Phelps Dodge Sierrita Inc., Green Valley, Pima	0	0	0	0	0	0	29,333,705	29,333,705	0
Phelps Dodge Morenci Inc., Morenci, Greenlee	**0**	**510,878**	**0**	**0**	**0**	**4,862**	**26,169,117**	**26,684,857**	**616**
Silver Bell Mining L.L.C., Marana, Pima	0	0	0	0	6,200	0	5,142,634	5,148,834	0
Springerville Generating Station, Springerville, Apache	**0**	**0**	**0**	**0**	**0**	**0**	**2,442,410**	**2,442,410**	**0**
Navajo Generating Station, Page, Coconino	0	0	0	0	2,243,960	0	2,369,004	4,612,964	172

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
ASARCO Inc. Mission Complex, Sahuarita, Pima	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4,207,068.00**	**4,207,068.00**	**0.00**
ASARCO Inc. Ray Ops. Mine, Kearny, Pinal	0.00	67,465.00	0.00	0.00	0.00	0.00	2,042,308.00	2,109,773.00	0.00
ASARCO Inc. Ray Complex/Hayden Smelter & Concentrator, Hayden, Gila	**2,232,377.00**	**160,846.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,986,805.00**	**4,380,028.00**	**0.00**
Phelps Dodge Miami Inc., Claypool, Gila	0.00	55,283.00	0.00	0.00	0.00	0.00	1,404,171.00	1,459,454.00	0.00
Phelps Dodge Sierrita Inc., Green Valley, Pima	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,081,700.00**	**1,081,700.00**	**0.00**
Phelps Dodge Morenci Inc., Morenci, Greenlee	0.00	510,878.00	0.00	0.00	0.00	119.00	198,707.00	709,704.00	226.00
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**131,320.00**	**131,320.00**	**0.00**
Springerville Generating Station, Springerville, Apache	0.00	0.00	0.00	0.00	0.00	0.00	68,410.00	68,410.00	0.00
Gould Electronics Inc., Chandler, Maricopa	**0.00**	**11,886.00**	**0.00**	**0.00**	**0.00**	**0.00**	**31,888.00**	**43,774.00**	**0.00**
Navajo Generating Station, Page, Coconino	0.00	0.00	0.00	0.00	283,658.00	0.00	24,321.00	307,979.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

ARKANSAS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	31,457,181
Air Emissions	20,036,562
Surface Water Discharges	3,190,528
Underground Injection Class I Wells	1,492,971
Underground Injection Class II-V Wells	93,263
On-site Land Releases to RCRA Subtitle C Landfills	227,275
Other On-site Land Releases	6,416,583
Off-site Releases (Transfers Off-site to Disposal)*	12,585,384
Total On- and Off-site Releases	**44,042,566**
Recycled On-site	109,446,061
Recycled Off-site	60,384,333
Energy Recovery On-site	42,487,541
Energy Recovery Off-site	43,829,050
Treated On-site	121,966,236
Treated Off-site**	4,996,906
Quantity Released On- and Off-site***	48,247,951
Total Production-related Waste Managed	**431,358,077**
Non-production-related Waste Managed	**1,996,835**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	58,379,594
Energy Recovery	43,821,142
Treatment	3,550,073
Publicly Owned Treatment Works (POTWs)	1,600,812
Metals and Metal Category Compounds*	14,314
Non-metal TRI Chemicals**	1,586,498
Other Off-site Transfers****	34,000
Transfers Off-site to Disposal *(not including metals to POTWs)*	20,028,659
Total Transfers Off-site for Further Waste Management, including Disposal	**127,414,279**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions.

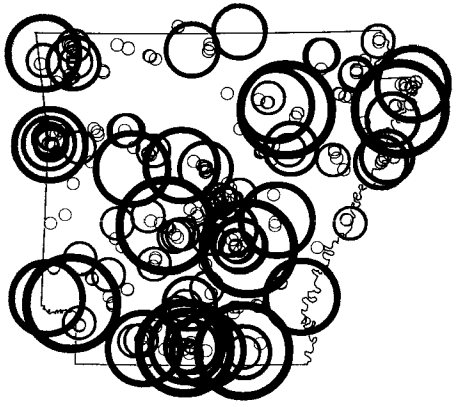
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Robert (Bob) Johns
P.O. Box 758
Conway, AR 72033
(501) 730-9791
Fax: (501) 730-9754
robert.johns@adem.state.ar.us

EPA Regional Contact
Morton Wakeland
USEPA Region 6 (6PDT)
1445 Ross Avenue, Ste 1200
Dallas, TX 75202-2733
(214) 665-8116
wakeland.morton@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Arkansas All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	2,694,698
Square Miles	52,075
Total Facilities	385
Total Forms	1,684
Form As	207

	Total
National Rank for Total On- and Off-site Releases*	
Rank	31
Pounds	44,042,566
National Rank for Total On-site Releases**	
Rank	32
Pounds	31,457,181
National Rank for Total Releases within State***	
Rank	34
Pounds	33,716,826
National Rank for Production-related Waste Managed	
Rank	19
Pounds	431,358,077

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

ARKANSAS

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds**	**66,586**	**39,130**	**7,438**	**297,440**	**14,005,096**	**14,415,690**	**148,748**	**308,544**	**13,721,826**
67-56-1	Methanol	3,139,995	40,324	1,401,551	20,256	814	4,602,940	1,516	347	467
7664-41-7	**Ammonia**	**3,672,621**	**209,122**	**0**	**372**	**18,078**	**3,900,193**	**11,143**	**16,759**	**1,319**
—	Manganese compounds	28,171	508,383	0	1,181,556	1,915,468	3,633,578	207,823	170,886	1,744,582
—	**Barium compounds**	**61,434**	**114,523**	**0**	**2,109,287**	**33,064**	**2,318,308**	**159,113**	**869**	**32,703**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**11,351.21**	**1,334.43**	**0.00**	**85,218.88**	**1,582,998.85**	**1,680,903.37**	**76,274.61**	**26,152.25**	**1,570,176.60**
79-94-7	Tetrabromobisphenol A	51,455.00	0.00	0.00	190,000.00	600,030.00	841,485.00	188.25	0.00	600,030.00
7439-92-1	**Lead**	**17,107.41**	**258.32**	**0.00**	**53,765.69**	**352,295.19**	**423,426.61**	**69,179.36**	**1,498.96**	**350,796.23**
—	Polycyclic aromatic compounds	5,002.93	180.50	0.00	671.75	606.84	6,462.02	99.00	497.54	109.30
—	**Mercury compounds**	**1,523.79**	**6.18**	**0.00**	**82.30**	**704.56**	**2,316.83**	**580.15**	**3.00**	**704.56**
191-24-2	Benzo(g,h,i)perylene	74.70	8.60	0.00	40.06	17.00	140.36	0.00	5.50	11.50
7439-97-6	**Mercury**	**108.36**	**1.29**	**0.00**	**6.54**	**0.02**	**116.21**	**65.10**	**0.00**	**0.02**
72-43-5	Methoxychlor	21.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.25**	**0.00**	**0.00**	**0.00**	**12.56**	**12.81**	**0.00**	**0.00**	**12.56**
608-93-5	Pentachlorobenzene	5.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
1582-09-8	**Trifluralin**	**2.10**	**0.00**	**0.00**	**0.00**	**0.00**	**2.10**	**0.00**	**0.00**	**0.00**
8001-35-2	Toxaphene	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.07**	**0.01**	**0.00**	**0.06**	**0.07**	**0.22**	**0.00**	**0.07**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*33.716*	*5.920*	*0.000*	*26.487*	*33.846*	*99.969*	*0.001*	*33.846*	*0.000*
118-74-1	**Hexachlorobenzene**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	**Isodrin**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
40487-42-1	Pendimethalin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

ARKANSAS

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Vanadium Corp., Hot Springs, Garland	**1,465,805**	**134,715**	**0**	**0**	**0**	**2,100,200**	**3,700,720**	**0**	**0**
Entergy Independence Steam Electric Station, Newark, Independence	464,459	4,619	0	0	0	1,334,348	1,803,426	0	0
Domtar Inds. Inc. Ashdown Mill, Ashdown, Little River	**658,797**	**502,547**	**0**	**0**	**0**	**601,813**	**1,763,157**	**0**	**0**
Great Lakes Chemical Central, El Dorado, Union	266,296	0	1,460,600	0	0	0	1,726,896	0	273,553
International Paper Co., Pine Bluff, Jefferson	**1,483,055**	**118,630**	**0**	**0**	**0**	**120,506**	**1,722,191**	**0**	**0**
Viskase Corp., Osceola, Mississippi	1,425,005	22,000	0	0	0	0	1,447,005	0	0
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	**715,641**	**207,370**	**0**	**0**	**0**	**454,822**	**1,377,832**	**0**	**0**
Wayne Farms L.L C. Danville, Danville, Yell	0	1,208,405	0	0	0	0	1,208,405	0	0
Lion Oil Co., El Dorado, Union	**818,559**	**130,071**	**0**	**0**	**0**	**0**	**948,630**	**0**	**8,510**
American Electric Power Flint Creek Power Plant, Gentry, Benton	88,356	6,210	0	0	0	750,720	845,286	252	4

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Albemarle Corp. South Plant, Magnolia, Columbia	11,000.00	0.00	0.00	0.00	0.00	190,000.00	201,000.00	0.00	496,985.00
Great Lakes Chemical Central, El Dorado, Union	40,455.00	0.00	0.00	0.00	0.00	0.00	40,455.00	0.00	103,158.00
Sloan Valve Co., Augusta, Woodruff	309.00	0.00	0.00	0.00	37,040.00	0.00	37,349.00	3.00	0.00
Ash Grove Cement Co., Foreman, Little River	472.28	0.00	0.00	0 00	0.00	34,225.02	34,697.30	0.00	0.00
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	204.50	246.91	0.00	0.00	0.00	14,860.71	15,312.12	0.00	0.00
Trefilarbed of Arkansas Inc., Pine Bluff, Jefferson	15,058.00	0.00	0.00	0.00	0.00	0.00	15,058.00	0.00	304,322.00
Entergy Independence Steam Electric Station, Newark, Independence	1,158.80	24.00	0.00	0.00	0.00	13,048.00	14,230.80	0.00	0.00
Domtar Inds. Inc. Ashdown Mill, Ashdown, Little River	366.63	36.00	0.00	0.00	0.00	10,445.28	10,847.91	0.00	0.00
U.S. Vanadium Corp., Hot Springs, Garland	0.00	5.00	0.00	0.00	0.00	8,100.00	8,105.00	0.00	0.00
American Electric Power Flint Creek Power Plant, Gentry, Benton	291.10	0.00	0.00	0.00	0.00	6,690.00	6,981.10	12.00	0 00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

ARKANSAS

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Nucor-Yamato Steel Co., Blytheville, Mississippi	**0**	**3,638,954**	**0**	**0**	**0**	**0**	**12,649,425**	**16,288,379**	**1,684,394**
U.S. Vanadium Corp., Hot Springs, Garland	1,319,620	0	0	0	0	0	3,700,700	5,020,320	0
Great Lakes Chemical Central, El Dorado, Union	**0**	**0**	**0**	**0**	**0**	**0**	**2,002,526**	**2,002,526**	**756**
Entergy Independence Steam Electric Station, Newark, Independence	0	0	0	0	0	0	1,803,427	1,803,427	0
Domtar Inds. Inc. Ashdown Mill, Ashdown, Little River	**1,300**	**0**	**5,291,477**	**2,200**	**41,911,898**	**0**	**1,764,209**	**48,971,084**	**0**
International Paper Co., Pine Bluff, Jefferson	0	0	56,300	0	15,350,369	0	1,712,564	17,119,234	0
Viskase Corp., Osceola, Mississippi	**0**	**0**	**0**	**0**	**0**	**0**	**1,425,005**	**1,425,005**	**0**
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	434,648	0	35,550	0	18,423,941	0	1,377,585	20,271,724	0
Albemarle Corp. South Plant, Magnolia, Columbia	**7,947,040**	**0**	**0**	**151,390**	**100,341**	**0**	**1,273,443**	**9,472,214**	**0**
Wayne Farms L.L.C. Danville, Danville, Yell	0	448	0	0	383,198	0	1,208,347	1,591,993	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Nucor-Yamato Steel Co., Blytheville, Mississippi	**0.00**	**367,290.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,418,628.00**	**1,785,918.00**	**139,199.00**
Albemarle Corp. South Plant, Magnolia, Columbia	0.00	0.00	0.00	0.00	0.00	0.00	690,113.00	690,113.00	0.00
Great Lakes Chemical Central, El Dorado, Union	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**143,613.00**	**143,613.00**	**0.00**
Remington Arms Co. Inc., Lonoke, Lonoke	0.00	90,179.00	0.00	0.00	0.00	0.00	68,949.00	159,128.00	0.00
Teris L.L.C., El Dorado, Union	**0.00**	**20,212.00**	**2,972.00**	**10,335.00**	**469,614.00**	**3,134.00**	**58,246.00**	**564,513.00**	**0.00**
Sloan Valve Co., Augusta, Woodruff	1,094,625.00	41,472.00	0.00	0.00	0.00	0.00	37,349.00	1,173,446.00	0.00
Ash Grove Cement Co., Foreman, Little River	**0.00**	**1,090.00**	**0.00**	**0.00**	**0.00**	**0.00**	**34,697.00**	**35,787.00**	**0.00**
Claridge Prods. & Equipment Inc., Harrison, Boone	0.00	0.00	0.00	0.00	0.00	0.00	25,148.00	25,148.00	0.00
Tokusen USA Inc., Conway, Faulkner	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**19,998.00**	**19,998.00**	**0.00**
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	0.00	0.00	0.00	0.00	0.00	0.00	15,314.00	15,314.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

2001 Toxics Release Inventory

CALIFORNIA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	53,082,041
Air Emissions	20,020,008
Surface Water Discharges	4,924,819
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	55,902
On-site Land Releases to RCRA Subtitle C Landfills	23,436,456
Other On-site Land Releases	4,644,856
Off-site Releases (Transfers Off-site to Disposal)*	5,467,403
Total On- and Off-site Releases	**58,549,443**
Recycled On-site	58,257,511
Recycled Off-site	74,760,095
Energy Recovery On-site	35,102,596
Energy Recovery Off-site	22,947,133
Treated On-site	100,816,156
Treated Off-site**	27,460,378
Quantity Released On- and Off-site***	64,185,642
Total Production-related Waste Managed	**383,529,510**
Non-production-related Waste Managed	**580,159**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	72,771,483
Energy Recovery	25,168,116
Treatment	4,920,741
Publicly Owned Treatment Works (POTWs)	24,222,248
Metals and Metal Category Compounds*	64,755
Non-metal TRI Chemicals**	24,157,493
Other Off-site Transfers****	124,776
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,764,935
Total Transfers Off-site for Further Waste Management, including Disposal	**134,972,300**

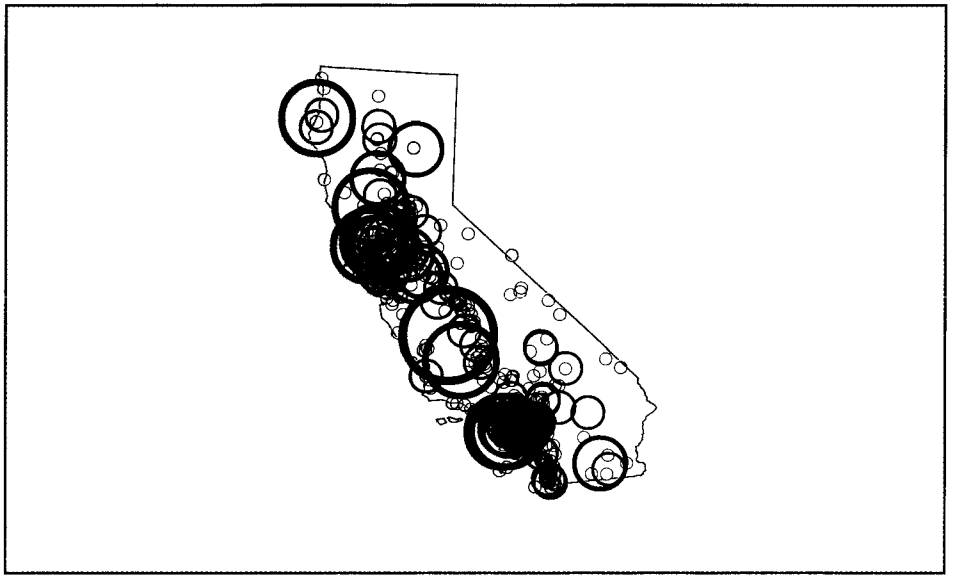
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact

EPA Regional Contact
Nancy Sockabasin
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3772
sockabasin.nancy@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of California. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	34,600,463
Square Miles	155,973
Total Facilities	1,612
Total Forms	5,020
Form As	600

	Total
National Rank for Total On- and Off-site Releases*	
Rank	27
Pounds	58,549,443
National Rank for Total On-site Releases**	
Rank	26
Pounds	53,082,041
National Rank for Total Releases within State***	
Rank	26
Pounds	58,077,847
National Rank for Production-related Waste Managed	
Rank	23
Pounds	383,529,510

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

CALIFORNIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-41-7	**Ammonia**	**6,362,240**	**37,470**	**41,236**	**264,004**	**18,728**	**6,723,678**	**0**	**4,761**	**13,967**
7439-92-1	Lead	21,031	404	0	5,895,784	224,077	6,141,296	19,802	96,591	206,577
—	**Nitrate compounds**	**2,373**	**3,677,680**	**250**	**1,824,970**	**501,577**	**6,006,850**	**0**	**97,673**	**403,904**
1344-28-1	Aluminum oxide (fibrous forms)	0	0	0	3,547,968	0	3,547,968	0	0	0
1332-21-4	**Asbestos (friable)**	**1**	**0**	**0**	**3,084,120**	**1,640**	**3,085,761**	**0**	**16,600**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**21,031.29**	**403.53**	**0.00**	**5,895,783.90**	**224,077.47**	**6,141,296.18**	**19,801.52**	**96,590.85**	**206,577.48**
—	Lead compounds	14,447 39	523.95	8.40	563,401.70	161,587.93	739,969.36	5,288.44	392,735.83	101,312.97
7439-97-6	**Mercury**	**1,064.96**	**1.10**	**0.00**	**15,416.82**	**33,288.83**	**49,771.70**	**119.00**	**68.06**	**33,240.83**
—	Mercury compounds	4,602.98	9.00	0.61	33,587.90	4,148.26	42,348 75	1.50	3,335.88	2,568.82
—	**Polycyclic aromatic compounds**	**1,507.27**	**350.04**	**0.00**	**31,906.55**	**140.69**	**33,904.55**	**16.00**	**342.08**	**1.01**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.11	0.00	0.00	16,356.00	25.02	16,381.12	0.00	362.02	25.00
79-94-7	**Tetrabromobisphenol A**	**5.00**	**0.00**	**0.00**	**0.00**	**7,790.00**	**7,795.00**	**0.00**	**7,790.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	12.59	10.90	0.00	2,561.43	4.12	2,589.04	1.50	24.12	0.30
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**2,005.70**	**0.00**	**2,005.70**	**0.00**	**0.00**	**0.00**
1582-09-8	Trifluralin	182.00	0.00	0.00	1,004.00	321.00	1,507.00	0.00	998.00	0.00
8001-35-2	**Toxaphene**	**0.00**	**0.00**	**0.00**	**597.00**	**0.00**	**597.00**	**0.00**	**0.00**	**0.00**
118-74-1	Hexachlorobenzene	2.73	0.03	0.00	457.00	0.78	460.53	0.00	0.78	0.00
40487-42-1	**Pendimethalin**	**134.00**	**0.00**	**0.00**	**0.00**	**129.00**	**263.00**	**0.00**	**129.00**	**0.00**
76-44-8	Heptachlor	0.00	0.00	0.00	60.00	0.00	60.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.05**	**0.00**	**0.00**	**0.00**	**0.42**	**0.48**	**0.00**	**0.36**	**0.06**
—	*Dioxin and dioxin-like compounds (in grams)*	*22 234*	*0.850*	*0.000*	*2 097*	*190.526*	*215.708*	*0.000*	*162.562*	*28.164*
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

CALIFORNIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management Inc., Kettleman City, Kings	**10,308**	**0**	**0**	**0**	**20,163,244**	**14,692**	**20,188,244**	**94**	**790**
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	1,031	33	0	0	2,713,104	245,735	2,959,903	0	0
Chevron. Prods. Co. Div. of Chevron USA Inc., El Segundo, Los Angeles	**390,181**	**1,506,628**	**0**	**0**	**0**	**35**	**1,896,844**	**6,998**	**1,020**
McLaughlin Mine, Lower Lake, Lake	24,007	0	0	0	0	1,334,035	1,358,042	0	0
Samoa Pacific Cellulose L.L.C., Samoa, Humboldt	**184,520**	**1,136,770**	**0**	**0**	**0**	**0**	**1,321,290**	**0**	**0**
Valero Refining Co. California Benicia Refy., Benicia, Solano	656,112	606,984	0	0	0	0	1,263,096	49,635	26,919
Chevron Prods. Co. Richmond Refy., Richmond, Contra Costa	**613,902**	**568,917**	**0**	**0**	**0**	**0**	**1,182,819**	**165,991**	**126,860**
Tesoro Refining & Marketing Co., Martinez, Contra Costa	1,133,129	48,491	0	0	0	0	1,181,620	7,520	4,687
Tosco Refining Co. Los Angeles Refy. Wilmington Plant, Wilmington, Los Angeles	**1,084,498**	**0**	**0**	**0**	**0**	**0**	**1,084,498**	**928**	**4,202**
BP West Coast Prods L.L.C. Carson, Carson, Los Angeles	760,592	533	0	0	0	3,222	764,347	36,359	42,911

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management Inc., Kettleman City, Kings	100.00	0.00	0.00	0.00	5,854,032.90	444.00	5,854,576.90	25.00	184.00
McLaughlin Mine, Lower Lake, Lake	5.03	0.00	0.00	0.00	0.00	159,395.00	159,400 03	0.00	0.00
U.S. Marine Corps MCB Camp Pendleton Ranges, Camp Pendleton, San Diego	480.00	0.00	0.00	0.00	0.00	134,766.00	135,246.00	0.00	0.00
U.S. Marine Corps Natural Resources & Enviro. Affairs, 29 Palms, San Bernardino	3,457.00	0.00	0.00	0.00	0.00	83,129.00	86,586.00	0.00	0.00
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	4.00	12.00	0.00	0.00	45,887.00	19,360.00	65,263.00	0.00	0.00
Dixon Hard Chrome Inc., Sun Valley, Los Angeles	0.00	0.00	0.00	0.00	52,500.00	0.00	52,500.00	0.00	1.06
TXI Riverside Cement Oro Grande Plant, Oro Grande, San Bernardino	741.10	0.00	0.00	0.00	0.00	44,157.00	44,898.10	0.00	0.00
Viceroy Gold Corp. Castle Mountain Mine, Ivanpah, San Bernardino	35.50	0.00	0.00	0.00	0.00	31,248.00	31,283.50	0.00	0 00
Safety-Kleen (Westmorland) Inc., Westmorland, Imperial	9.90	0.00	0.00	0.00	29,866.20	0.00	29,876.10	517.50	0.00
Molycorp Inc Mountain Pass Mine, Mountain Pass, San Bernardino	73.00	0.00	0.00	0.00	0.00	27,288.00	27,361.00	0 00	1,277.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management Inc., Kettleman City, Kings	**0**	**7,840**	**0**	**1,668**	**2,234**	**50,164**	**20,184,331**	**20,246,237**	**10**
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	0	0	0	0	0	0	2,957,724	2,957,724	0
Chevron. Prods. Co. Div. of Chevron USA Inc., El Segundo, Los Angeles	**0**	**18,292**	**0**	**0**	**1,873,038**	**34,680**	**1,904,597**	**3,830,607**	**990**
Hilmar Cheese Co. Inc., Hilmar, Merced	0	0	0	0	549,900	0	1,901,700	2,451,600	0
Chevron Prods. Co. Richmond Refy., Richmond, Contra Costa	**0**	**3,727**	**0**	**0**	**813,001**	**0**	**1,818,016**	**2,634,744**	**0**
DK Environmental Inc., Vernon, Los Angeles	0	187,711	0	0	459,625	8,675	1,409,309	2,065,320	0
McLaughlin Mine, Lower Lake, Lake	**0**	**0**	**0**	**0**	**530,000**	**0**	**1,357,396**	**1,887,396**	**0**
Samoa Pacific Cellulose L.L.C., Samoa, Humboldt	0	0	2,135,330	0	166,600	0	1,335,795	3,637,725	0
Valero Refining Co. California Benicia Refy., Benicia, Solano	**100**	**40,283**	**20,700,001**	**1,839**	**275,000**	**92,537**	**1,260,744**	**22,370,504**	**0**
Tesoro Refining & Marketing Co., Martinez, Contra Costa	0	10,527	0	0	3,035,500	549	1,193,827	4,240,403	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management Inc., Kettleman City, Kings	**0.00**	**2,211.00**	**0.00**	**0.00**	**0.00**	**20,568.00**	**5,854,133.00**	**5,876,912.00**	**1.00**
Quemetco Inc., City of Industry, Los Angeles	0.00	0.00	0.00	0.00	0.00	0.00	270,000.00	270,000.00	0.00
McLaughlin Mine, Lower Lake, Lake	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**159,396.00**	**159,396.00**	**0.00**
Exide Techs., Vernon, Los Angeles	10,862,880.00	141,120.00	0.00	0.00	0.00	0.00	152,196.00	11,156,196.00	0.00
U.S. Marine Corps MCB Camp Pendleton Ranges, Camp Pendleton, San Diego	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**135,246.00**	**135,246.00**	**0.00**
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	0.00	0.00	0.00	0.00	0.00	0.00	65,251.00	65,251.00	0.00
TXI Riverside Cement Oro Grande Plant, Oro Grande, San Bernardino	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**44,898.00**	**44,898.00**	**0.00**
Romic Environmental Techs. Corp., East Palo Alto, San Mateo	0.00	55,233.00	0.00	0.00	0.00	0.00	43,621.00	98,854.00	0.00
Trojan Battery Co., Santa Fe Springs, Los Angeles	**0.00**	**637,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**41,500.00**	**678,500.00**	**0.00**
U.S. Filter Recovery Services (CA) Inc., Vernon, Los Angeles	0.00	0.00	0.00	0.00	0.00	0.00	39,549.00	39,549.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

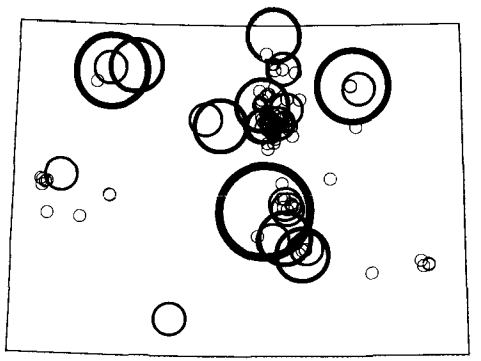
2001 Toxics Release Inventory

COLORADO

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	31,450,008
Air Emissions	3,629,554
Surface Water Discharges	3,752,564
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	41,889
Other On-site Land Releases	24,026,000
Off-site Releases (Transfers Off-site to Disposal)*	5,596,405
Total On- and Off-site Releases	**37,046,413**
Recycled On-site	24,177,383
Recycled Off-site	28,466,735
Energy Recovery On-site	1,949,019
Energy Recovery Off-site	3,849,371
Treated On-site	16,184,490
Treated Off-site**	2,786,980
Quantity Released On- and Off-site***	37,881,583
Total Production-related Waste Managed	**115,295,561**
Non-production-related Waste Managed	**187,376**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	28,438,125
Energy Recovery	3,844,939
Treatment	1,823,083
Publicly Owned Treatment Works (POTWs)	975,250
Metals and Metal Category Compounds*	2,526
Non-metal TRI Chemicals**	972,724
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	6,463,932
Total Transfers Off-site for Further Waste Management, including Disposal	**41,545,329**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Colorado. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	4,430,989
Square Miles	103,729
Total Facilities	231
Total Forms	757
Form As	123

	Total
National Rank for Total On- and Off-site Releases*	
Rank	34
Pounds	37,046,413
National Rank for Total On-site Releases**	
Rank	33
Pounds	31,450,008
National Rank for Total Releases within State***	
Rank	32
Pounds	37,401,602
National Rank for Production-related Waste Managed	
Rank	38
Pounds	115,295,561

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Kirk Mills / Margo Griffin
4300 Cherry Creek Drive South
Denver, CO 80246-1530
(303) 692-2977/(303) 692-2979
kirk.mills@state.co.us
margo.griffin@state.co.us

EPA Regional Contact
Joyel Dhieux
USEPA Region 8 (8P-P3T)
999 18th Street, Suite 500
Denver, CO 80202
(303) 312-6447
dhieux.joyel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

COLORADO

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Manganese compounds**	**9,108**	**42,555**	**0**	**11,013,025**	**469,387**	**11,534,075**	**93**	**439,387**	**42,000**
—	Barium compounds	18,341	2,930	0	4,959,951	4,495,247	9,476,469	4,333	4,905,247	0
—	**Lead compounds**	**6,026**	**287**	**0**	**3,841,329**	**98,407**	**3,946,048**	**1,053**	**85,931**	**21,077**
—	Nitrate compounds	0	3,654,345	0	9,585	640	3,664,570	0	640	0
—	**Zinc compounds**	**53,177**	**10,165**	**0**	**2,957,817**	**480,743**	**3,501,902**	**45**	**108,787**	**371,956**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**6,025.74**	**286.57**	**0.00**	**3,841,329.27**	**98,406.67**	**3,946,048.25**	**1,052.60**	**85,931.43**	**21,077.44**
7439-92-1	Lead	26,811.52	0.00	0.00	51,828.90	15,711.94	94,352.37	4,159.30	10,721.65	9,567.57
—	**Mercury compounds**	**417.39**	**1.87**	**0.00**	**1,601.52**	**683.40**	**2,704.18**	**14.64**	**683.40**	**0.00**
7439-97-6	Mercury	403.11	0.00	0.00	308.80	2.60	714.51	0.30	50.60	2.30
—	**Polycyclic aromatic compounds**	**332.49**	**5.60**	**0.00**	**0.00**	**18.24**	**356.33**	**50.10**	**2.10**	**16.14**
191-24-2	Benzo(g,h,i)perylene	26.34	0.46	0.00	0.00	2.40	29.20	25.55	0.90	1.50
—	**Dioxin and dioxin-like compounds**	**0.01**	**0.00**	**0.00**	**0.00**	**0.02**	**0.03**	**0.00**	**0.02**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*5 811*	*0.074*	*0.000*	*0.000*	*6.923*	*12.808*	*0 000*	*6.923*	*0.000*
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

COLORADO

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Cripple Creek & Victor Gold Mining Co., Victor, Teller	**5,593**	**0**	**0**	**0**	**0**	**16,860,416**	**16,866,009**	**0**	**0**
Excel Corp., Fort Morgan, Morgan	2,200	3,140,859	0	0	0	0	3,143,059	533	0
Trapper Mining Inc., Craig, Moffat	**323**	**145**	**0**	**0**	**0**	**2,404,624**	**2,405,092**	**0**	**0**
Ray D. Nixon Power Plant, Fountain, El Paso	71,824	0	0	0	0	947,317	1,019,141	500	0
Rawhide Energy Station, Wellington, Larimer	**20,831**	**0**	**0**	**0**	**0**	**775,981**	**796,812**	**0**	**0**
Climax Molybdenum Co. Henderson Mine, Empire, Clear Creek	29	15,138	0	0	0	585,020	600,186	0	0
Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo	**45,605**	**1,800**	**0**	**0**	**0**	**524,707**	**572,112**	**243,875**	**2**
Public Service Co. of Colorado Hayden Station, Hayden, Routt	4,006	0	0	0	0	529,556	533,562	0	4
Public Service Co. of Colorado Valmont Station, Boulder, Boulder	**169,954**	**0**	**0**	**0**	**0**	**325,164**	**495,118**	**0**	**0**
Kodak Colorado Div., Windsor, Weld	55,183	341,993	0	0	0	253	397,429	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County**	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Cripple Creek & Victor Gold Mining Co., Victor, Teller	**226.40**	**0.00**	**0.00**	**0.00**	**0.00**	**3,461,110.00**	**3,461,336.40**	**0.00**	**0.00**
Climax Molybdenum Co. Henderson Mill, Parshall, Grand	31.70	0.00	0.00	0.00	0.00	274,000.00	274,031.70	0.00	0.00
U.S. Army Fort Carson Range Facility, Fort Carson, El Paso	**905.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50,583.00**	**51,488.00**	**0.00**	**0.00**
Trapper Mining Inc., Craig, Moffat	3.00	21.00	0.00	0.00	0.00	30,133.00	30,157.00	0.00	0.00
Safety-Kleen (Deer Trail) Inc., Deer Trail, Adams	**107.40**	**0.00**	**0.00**	**0.00**	**18,137.20**	**0.00**	**18,244.60**	**0.00**	**0.20**
Public Service Co. of Colorado Hayden Station, Hayden, Routt	82.60	0.00	0.00	0.00	0.00	14,556.00	14,638.60	0.00	4.00
Ray D. Nixon Power Plant, Fountain, El Paso	**28.70**	**0.00**	**0.00**	**0.00**	**0.00**	**13,152.10**	**13,180.80**	**0.00**	**0.00**
ASARCO Inc. Globe Plant, Denver, Denver	52.00	0.00	0.00	0.00	0.00	7,045.00	7,097.00	2,433.00	4.00
Public Service Co. of Colorado Cameo Station, Palisade, Mesa	**32.30**	**0.00**	**0.00**	**0.00**	**0.00**	**6,294.00**	**6,326.30**	**0.00**	**0.00**
Public Service Co. of Colorado Valmont Station, Boulder, Boulder	25.20	0.00	0.00	0.00	0.00	5,164.00	5,189.20	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

** One facility, Colorado Refining Co in Commerce City, reported the amount of 25,494 pounds of air emissions for lead in error. The correct amount is 9 pounds. This facility has been omitted from this list, but the correction was received too late to be included in the other tables in this report

2001 Toxics Release Inventory

COLORADO

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Cripple Creek & Victor Gold Mining Co., Victor, Teller	**0**	**6**	**0**	**0**	**0**	**0**	**16,865,265**	**16,865,271**	**0**
Excel Corp., Fort Morgan, Morgan	0	0	0	0	2,662,789	0	3,143,592	5,806,381	0
Tri-State Generation & Transmission - Craig Station, Craig, Moffat	**0**	**2**	**0**	**0**	**1,682,601**	**0**	**2,593,051**	**4,275,654**	**0**
Trapper Mining Inc., Craig, Moffat	0	0	0	0	0	0	2,406,107	2,406,107	0
Public Service Co. of Colorado Cherokee Station, Denver, Adams	**0**	**0**	**0**	**0**	**560,000**	**0**	**1,640,544**	**2,200,544**	**0**
Public Service Co. of Colorado Pawnee Station, Brush, Morgan	0	0	0	0	0	0	1,129,331	1,129,331	0
Ray D. Nixon Power Plant, Fountain, El Paso	**0**	**0**	**0**	**0**	**86,000**	**0**	**1,018,180**	**1,104,180**	**0**
Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo	0	0	0	0	176,000	0	811,959	987,959	0
Rawhide Energy Station, Wellington, Larimer	**0**	**0**	**0**	**0**	**366,517**	**2**	**796,813**	**1,163,332**	**0**
Martin Drake Power Plant, Colorado Springs, El Paso	0	0	0	0	161,000	0	599,395	760,395	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County**	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Cripple Creek & Victor Gold Mining Co., Victor, Teller	**0.00**	**6.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,461,140.00**	**3,461,146.00**	**0.00**
Climax Molybdenum Co. Henderson Mill, Parshall, Grand	0.00	0.00	0.00	0.00	0.00	0.00	274,000.00	274,000.00	0.00
U.S. Army Fort Carson Range Facility, Fort Carson, El Paso	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**51,488.00**	**51,488.00**	**0.00**
Sanmina-SCI Corp. Plant 432, Fountain, El Paso	0.00	12,094.00	0.00	0.00	0.00	0.00	37,400.00	49,494.00	0.00
Trapper Mining Inc., Craig, Moffat	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**31,107.00**	**31,107.00**	**0.00**
Tri-State Generation & Transmission - Craig Station, Craig, Moffat	0.00	2.00	0.00	0.00	135,601.00	0.00	30,982.00	166,585.00	0.00
CF&I Steel L.P. (Dba Rocky Mountain Steel Mills), Pueblo, Pueblo	**0.00**	**310,033.00**	**0.00**	**0.00**	**0.00**	**0.00**	**25,340.00**	**335,373.00**	**0.00**
Public Service Co. of Colorado Cherokee Station, Denver, Adams	0.00	0.00	0.00	0.00	0.00	0.00	23,544.00	23,544.00	0.00
Safety-Kleen (Deer Trail) Inc., Deer Trail, Adams	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**18,245.00**	**18,245.00**	**0.00**
Public Service Co. of Colorado Hayden Station, Hayden, Routt	0.00	0.00	0.00	0.00	0.00	0.00	14,641.00	14,641.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

** One facility, Colorado Refining Co in Commerce City, reported the amount of 25,494 pounds for quantity released on- and off-site for lead in error The correct amount is 9 pounds. This facility has been omitted from this list, but the correction was received too late to be included in the other tables in this report

2001 Toxics Release Inventory

CONNECTICUT

Reported Releases and Other Waste Management Activities (in pounds)

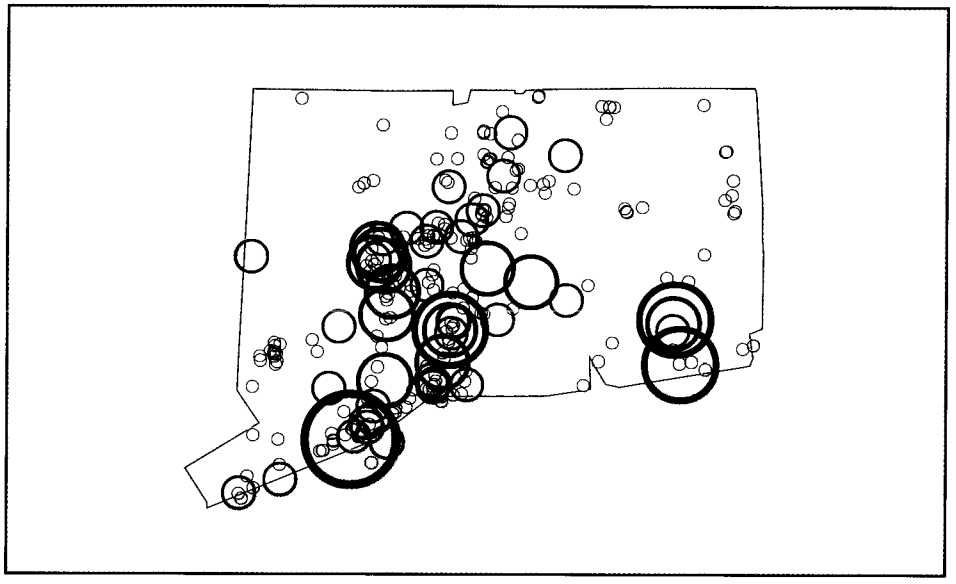
	Total
On-site Releases	5,609,483
Air Emissions	4,821,957
Surface Water Discharges	785,064
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	2,462
Off-site Releases (Transfers Off-site to Disposal)*	4,145,809
Total On- and Off-site Releases	**9,755,293**
Recycled On-site	4,239,712
Recycled Off-site	32,308,816
Energy Recovery On-site	2,926,379
Energy Recovery Off-site	2,537,184
Treated On-site	13,535,252
Treated Off-site**	11,717,728
Quantity Released On- and Off-site***	10,335,253
Total Production-related Waste Managed	**77,600,324**
Non-production-related Waste Managed	**1,108,832**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	32,144,490
Energy Recovery	2,489,330
Treatment	10,268,857
Publicly Owned Treatment Works (POTWs)	1,278,758
Metals and Metal Category Compounds*	5,317
Non-metal TRI Chemicals**	1,273,441
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	4,267,653
Total Transfers Off-site for Further Waste Management, including Disposal	**50,449,089**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g. releases due to catastrophic events or remedial actions

**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Connecticut All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	3,434,602
Square Miles	4,845
Total Facilities	385
Total Forms	1,173
Form As	94

	Total
National Rank for Total On- and Off-site Releases*	
Rank	47
Pounds	9,755,293
National Rank for Total On-site Releases**	
Rank	47
Pounds	5,609,483
National Rank for Total Releases within State***	
Rank	47
Pounds	6,126,345
National Rank for Production-related Waste Managed	
Rank	43
Pounds	77,600,324

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

For More Information . . .

State Contact
79 Elm Street, 4th Floor
Hartford, CT 06106-5127
(860) 424-3373
Fax (860) 424-4059

EPA Regional Contact
Dwight Peavey
USEPA Region 1 (SPT)
1 Congress Street, Suite 11000
Boston, MA 02114-2023
(617) 918-1829
peavey.dwight@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

CONNECTICUT

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**1,033,702**	**0**	**0**	**0**	**0**	**1,033,702**	**7,457**	**0**	**0**
7440-62-2	Vanadium (except when contained in an alloy)	190	0	0	0	907,101	907,291	0	0	907,101
—	**Nitrate compounds**	**28**	**710,961**	**0**	**0**	**94,381**	**805,370**	**0**	**39,000**	**55,381**
108-88-3	Toluene	761,082	253	0	0	431	761,766	1,595	0	431
—	**Lead compounds**	**2,257**	**533**	**0**	**1,098**	**707,817**	**711,705**	**31,465**	**40,040**	**667,777**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**2,256.95**	**532.78**	**0.00**	**1,098.42**	**707,817.09**	**711,705.24**	**31,465.32**	**40,039.84**	**667,777.24**
—	Mercury compounds	88.90	0.41	0.00	0.00	19,726.50	19,815.81	20.70	179.20	19,547.29
—	**Polycyclic aromatic compounds**	**17,636.25**	**0.00**	**0.00**	**91.95**	**471.01**	**18,199.21**	**0.00**	**0.00**	**471.01**
7439-92-1	Lead	1,134.57	74.77	0.00	159.63	13,104.38	14,473.36	32,122.69	3,847.31	9,257.08
191-24-2	**Benzo(g,h,i)perylene**	**230.27**	**0.00**	**0.00**	**0.60**	**29.40**	**260.27**	**0.00**	**0.00**	**29.40**
79-94-7	Tetrabromobisphenol A	5.80	0.00	0.00	0.00	254.00	259.80	0.00	254.00	0.00
7439-97-6	**Mercury**	**33.98**	**0.00**	**0.00**	**0.00**	**180.03**	**214.01**	**0.00**	**123.20**	**56.83**
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***7.142***	***1.300***	***0.000***	***0.000***	***1.299***	***9.741***	***0.000***	***1.090***	***0.209***
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

CONNECTICUT

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Wisvest-Connecticut L.L.C. Bridgeport Harbor Station, Bridgeport, Fairfield	**985,853**	**3**	**0**	**0**	**0**	**0**	**985,856**	**0**	**2,658**
Dow N.A. Allyn's Point Plant, Gales Ferry, New London	507,583	17	0	0	0	988	508,588	0	25
Pfizer Inc. Groton Site, Groton, New London	**63,778**	**282,772**	**0**	**0**	**0**	**95**	**346,645**	**250**	**10,845**
Spongex Int. Ltd., Shelton, Fairfield	311,451	0	0	0	0	0	311,451	0	0
Cytec Inds. Inc., Wallingford, New Haven	**150,840**	**94,986**	**0**	**0**	**0**	**0**	**245,826**	**0**	**9,524**
Summit Corp. of America, Thomaston, Litchfield	3,820	160,556	0	0	0	0	164,376	0	49,631
Carlon Prods. Co., Derby, New Haven	**161,600**	**0**	**0**	**0**	**0**	**0**	**161,600**	**0**	**0**
Olin Corp. Somers Thin Strip, Waterbury, New Haven	152,400	30	0	0	0	0	152,430	312	21,365
Tyco Healthcare Group L.P. U.S. Surgical Div., North Haven, New Haven	**134,460**	**0**	**0**	**0**	**0**	**0**	**134,460**	**0**	**0**
Crompton Mfg. Co. Inc., Naugatuck, New Haven	131,124	0	0	0	0	0	131,124	0	13,943

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Rogers Corp. Elastomer Components Div., South Windham, Windham	5,572.00	0.00	0.00	0.00	0.00	0.00	5,572.00	0.00	0.00
Hershey Foods Inc. Peter Paul Div., Naugatuck, New Haven	3,765.00	0.00	0.00	0.00	0.00	0 00	3,765.00	0.00	0.00
Rogers Corp. Moldable Composites Div., Manchester, Hartford	2,159.80	0.00	0.00	0.00	0.00	0.00	2,159.80	254.00	0.00
Atlantic CS&W L.L.C., Branford, New Haven	1,700.09	0.00	0.00	0.00	0.00	0.00	1,700.09	0.00	0.00
Uretek Inc., New Haven, New Haven	1,572.00	0.00	0.00	0.00	0.00	0.00	1,572.00	0.00	0.00
AGC Inc., Meriden, New Haven	1,137.00	0 00	0.00	0.00	0.00	0.00	1,137.00	0.00	0.00
OFS Specialty Photonics Div., Avon, Hartford	0.00	0.00	0.00	0.00	0.00	1,088.47	1,088.47	0.00	0.00
Peter Paul Electronics Co. Inc., New Britain, Hartford	816.00	0.00	0.00	0.00	0.00	0.00	816.00	0.00	0 00
Morganite Crucible Inc., North Haven, New Haven	808.20	0.00	0.00	0.00	0.00	0.00	808.20	0.00	0.00
C&M Corp., Wauregan, Windham	780 00	0.00	0 00	0.00	0.00	0.00	780.00	3,600 00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

2001 Toxics Release Inventory

CONNECTICUT

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Clean Harbors of Connecticut Inc., Bristol, Hartford	**0**	**21,333**	**0**	**0**	**312,884**	**59,596**	**1,767,682**	**2,161,495**	**0**
New Haven Harbor Station, New Haven, New Haven	0	419,623	0	0	0	106	1,081,872	1,501,601	1,024,600
Wisvest-Connecticut L.L.C. Bridgeport Harbor Station, Bridgeport, Fairfield	**0**	**1,431**	**0**	**0**	**0**	**0**	**988,514**	**989,945**	**0**
Dow N.A. Allyn's Point Plant, Gales Ferry, New London	0	0	1,103,038	0	2,233	301,156	508,601	1,915,028	0
Pfizer Inc. Groton Site, Groton, New London	**0**	**1,490,000**	**0**	**0**	**2,225,770**	**9,225,161**	**354,976**	**13,295,907**	**0**
AES Thames L.L.C., Uncasville, New London	0	2,713	0	0	0	0	332,780	335,493	0
Spongex Int. Ltd., Shelton, Fairfield	**0**	**0**	**0**	**0**	**0**	**0**	**311,451**	**311,451**	**0**
Cytec Inds. Inc., Wallingford, New Haven	0	0	0	704,007	2,304,070	847	246,175	3,255,099	76
Summit Corp. of America, Thomaston, Litchfield	**0**	**0**	**0**	**0**	**219,391**	**0**	**214,009**	**433,400**	**0**
Olin Corp. Somers Thin Strip, Waterbury, New Haven	0	0	0	4,357	0	0	174,107	178,464	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Clean Harbors of Connecticut Inc., Bristol, Hartford	**0.00**	**21,333.00**	**0.00**	**0.00**	**0.00**	**0.00**	**603,735.00**	**625,068.00**	**0.00**
New Haven Harbor Station, New Haven, New Haven	0.00	624.00	0.00	0.00	0.00	0.00	25,418.00	26,042.00	25,207.00
Phoenix Soil LLC., Waterbury, New Haven	**0.00**	**0.00**	**0.00**	**0.00**	**14.00**	**0.00**	**20,677.00**	**20,692.00**	**0.00**
Ensign-Bickford Co., Simsbury, Hartford	0.00	162,838.00	0.00	0.00	0.00	0.00	15,666.00	178,504.00	12.00
Rockbestos-Surprenant Cable Corp., East Granby, Hartford	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**10,365.00**	**10,365.00**	**0.00**
AES Thames L.L.C., Uncasville, New London	0.00	0.00	0.00	0.00	0.00	0.00	7,780.00	7,780.00	0.00
Summit Corp. of America, Thomaston, Litchfield	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,413.00**	**6,413.00**	**0.00**
Kerite Co., Seymour, New Haven	0.00	8,239.00	0.00	0.00	0.00	0.00	6,197.00	14,436.00	0.00
Rogers Corp. Elastomer Components Div., South Windham, Windham	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,572.00**	**5,572.00**	**0.00**
Superior Plating Co., Southport, Fairfield	7,000.00	0.00	0.00	0.00	0.00	0.00	4,672.00	11,672.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

DELAWARE

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	8,191,129
Air Emissions	6,651,525
Surface Water Discharges	573,937
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	965,666
Off-site Releases (Transfers Off-site to Disposal)*	3,883,235
Total On- and Off-site Releases	**12,074,363**
Recycled On-site	24,133,520
Recycled Off-site	8,721,191
Energy Recovery On-site	25,863,740
Energy Recovery Off-site	2,642,626
Treated On-site	40,675,792
Treated Off-site**	1,726,890
Quantity Released On- and Off-site***	11,953,371
Total Production-related Waste Managed	**115,717,130**
Non-production-related Waste Managed	**163,168**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	8,725,818
Energy Recovery	2,632,870
Treatment	184,088
Publicly Owned Treatment Works (POTWs)	1,575,732
Metals and Metal Category Compounds*	7,723
Non-metal TRI Chemicals**	1,568,009
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	3,877,073
Total Transfers Off-site for Further Waste Management, including Disposal	**16,995,582**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions

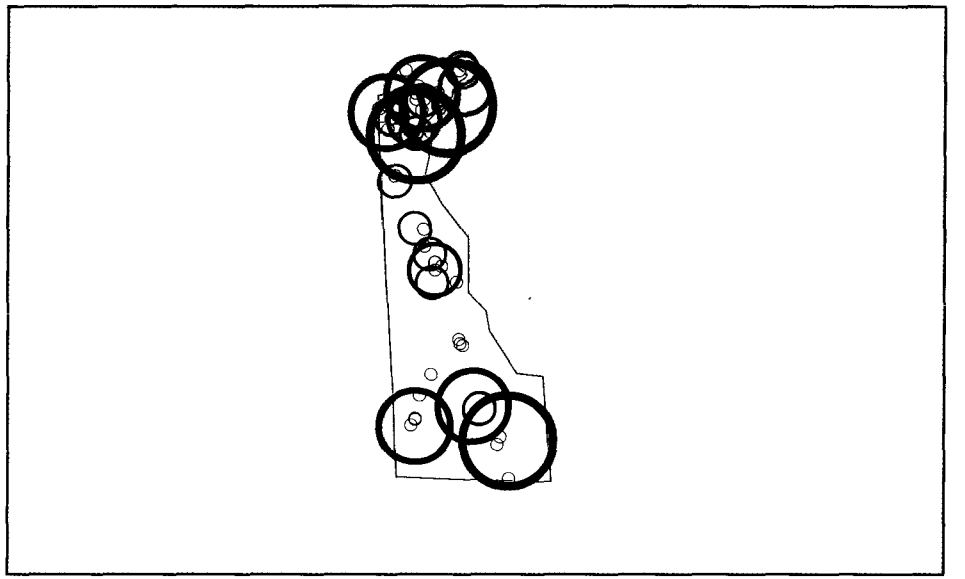
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
John E. Parker
156 South State Street
Dover, DE 19901
(302) 739-4791
Fax: (302) 739-3106
john.parker@state.de.us

EPA Regional Contact
William Reilly
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814- 2072
reilly.william@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Delaware All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	796,599
Square Miles	1,955
Total Facilities	79
Total Forms	362
Form As	57

	Total
National Rank for Total On- and Off-site Releases*	
Rank	44
Pounds	12,074,363
National Rank for Total On-site Releases**	
Rank	46
Pounds	8,191,129
National Rank for Total Releases within State***	
Rank	45
Pounds	10,630,420
National Rank for Production-related Waste Managed	
Rank	37
Pounds	115,717,130

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

DELAWARE

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**3,498,939**	**0**	**0**	**0**	**0**	**3,498,939**	**0**	**0**	**0**
—	Manganese compounds	4,908	57,786	0	62,422	3,171,087	3,296,203	1,358	2,025,953	1,145,134
7664-93-9	**Sulfuric acid**	**1,231,626**	**0**	**0**	**0**	**0**	**1,231,626**	**0**	**0**	**0**
—	Nitrate compounds	81	444,530	0	210	0	444,821	0	0	0
—	**Barium compounds**	**6,618**	**3,585**	**0**	**315,204**	**114,131**	**439,538**	**47,684**	**25,710**	**88,421**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**3,808.24**	**3,525.90**	**0.00**	**18,495.00**	**59,104.20**	**84,933.34**	**1,001.00**	**32,517.20**	**26,967.00**
7439-92-1	Lead	2.77	41.00	0.00	2,958.00	10.54	3,012.31	0.20	0.00	10.54
7439-97-6	**Mercury**	**1,068.00**	**20.00**	**0.00**	**0.00**	**1,047.00**	**2,135.00**	**0.00**	**0.00**	**1,047.00**
118-74-1	Hexachlorobenzene	0.00	52.00	0.00	98.60	672.00	822.60	0.00	297.00	375.00
—	**Mercury compounds**	**414.01**	**0.30**	**0.00**	**215.30**	**48.97**	**678.58**	**66.40**	**8.87**	**42.50**
29082-74-4	Octachlorostyrene	0.00	0.12	0.00	42.40	508.60	551.12	0.00	224.60	284.00
608-93-5	**Pentachlorobenzene**	**0.00**	**15.70**	**0.00**	**29.60**	**201.60**	**246.90**	**0.00**	**89.00**	**112.60**
—	Dioxin and dioxin-like compounds	0.01	0.04	0.00	12.86	156.25	169.16	0.00	68.96	87.29
—	***Dioxin and dioxin-like compounds (in grams)***	***4.493***	***17.745***	***0.000***	***5,832.910***	***70,859.881***	***76,715.030***	***0.000***	***31,273.570***	***39,586.311***
—	Polycyclic aromatic compounds	121.16	2.10	0.00	0.00	0.00	123.26	2.51	0.00	0.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.28**	**0.00**	**0.32**	**71.20**	**71.80**	**0.00**	**31.40**	**39.80**
191-24-2	Benzo(g,h,i)perylene	0.89	1.90	0.00	0.00	0.00	2.79	0.00	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

DELAWARE

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Indian River Generating Station, Millsboro, Sussex	**1,866,048**	**2,900**	**0**	**0**	**0**	**564,677**	**2,433,625**	**0**	**0**
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	1,705,945	34,426	0	0	0	0	1,740,371	42,654	208,111
Motiva Enterprises L.L.C., Delaware City, New Castle	**1,256,410**	**47,528**	**0**	**0**	**0**	**351,170**	**1,655,108**	**0**	**758**
Du Pont Seaford Plant, Seaford, Sussex	306,281	136,338	0	0	0	26,071	468,690	0	0
DaimlerChrysler Co. Newark Assembly Plant, Newark, New Castle	**384,450**	**0**	**0**	**0**	**0**	**0**	**384,450**	**14,741**	**0**
GM Saturn Wilmington Assembly Plant, Wilmington, New Castle	343,322	360	0	0	0	0	343,682	266	10,268
Georgetown Processing Plant Facility #17, Georgetown, Sussex	**0**	**310,000**	**0**	**0**	**0**	**210**	**310,210**	**0**	**0**
Du Pont Edge Moor, Edgemoor, New Castle	195,808	37,153	0	0	0	12,033	244,994	2,283,313	1,278,568
NRG Energy Center Dover, Dover, Kent	**119,019**	**0**	**0**	**0**	**0**	**0**	**119,019**	**382**	**0**
Formosa Plastics Corp., Delaware City, New Castle	116,616	0	0	0	0	0	116,616	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Indian River Generating Station, Millsboro, Sussex	1,002.90	0.00	0.00	0.00	0.00	16,677.00	17,679.90	0.00	0.00
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	1,639.30	3,479.00	0.00	0.00	0.00	0.00	5,118.30	938.40	7,016.20
U.S. Air Force Dover AFB DE Small Arms Range, Dover AFB, Kent	0.00	0.00	0.00	0.00	0.00	2,958.00	2,958.00	0.00	0.00
Du Pont Seaford Plant, Seaford, Sussex	187.26	0.00	0.00	0.00	0.00	1,742.00	1,929.26	0.00	0.00
Occidental Chemical Corp., New Castle, New Castle	1,068.00	20.00	0.00	0.00	0.00	0.00	1,088.00	0.00	1,047.00
Motiva Enterprises L L.C., Delaware City, New Castle	704.51	4.90	0.00	0.00	0.00	27.30	736.71	0.00	58 80
Citisteel USA Inc., Claymont, New Castle	566.61	2.30	0.00	0.00	0.00	31.00	599.91	39.00	0.00
Du Pont Edge Moor, Edgemoor, New Castle	0.00	112.14	0.00	0.00	0.00	416.78	528.92	31,336.96	18,353.69
Johnson Controls Battery Group Inc., Middletown, New Castle	177.00	0.00	0.00	0.00	0.00	0.00	177.00	0.00	28.00
American Minerals Inc., New Castle, New Castle	2.00	41.00	0.00	0.00	0.00	0.00	43.00	0.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

2001 Toxics Release Inventory

DELAWARE

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Edge Moor, Edgemoor, New Castle	**0**	**34**	**0**	**0**	**28,175,000**	**0**	**3,806,875**	**31,981,909**	**0**
Indian River Generating Station, Millsboro, Sussex	0	0	0	0	474,000	0	2,400,681	2,874,681	0
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	**0**	**0**	**0**	**0**	**116,035**	**0**	**1,991,132**	**2,107,167**	**0**
Motiva Enterprises L.L.C., Delaware City, New Castle	0	141,180	25,629,261	2,624	5,277,461	251	1,515,598	32,566,375	135,000
Du Pont Seaford Plant, Seaford, Sussex	**0**	**0**	**0**	**0**	**132,204**	**7,892**	**468,690**	**608,786**	**0**
DaimlerChrysler Co. Newark Assembly Plant, Newark, New Castle	0	127,323	0	9,750	41,730	131,700	396,323	706,826	0
GM Saturn Wilmington Assembly Plant, Wilmington, New Castle	**0**	**0**	**0**	**454,259**	**83,154**	**74,101**	**357,378**	**968,892**	**0**
Georgetown Processing Plant Facility #17, Georgetown, Sussex	0	0	0	0	0	0	310,210	310,210	0
NRG Energy Center Dover, Dover, Kent	**0**	**0**	**0**	**0**	**23,000**	**0**	**119,410**	**142,410**	**0**
Formosa Plastics Corp., Delaware City, New Castle	0	0	0	0	139,431	0	116,540	255,971	76

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Edge Moor, Edgemoor, New Castle	**0.00**	**34.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50,220.00**	**50,254.00**	**0.00**
Indian River Generating Station, Millsboro, Sussex	0.00	0.00	0.00	0.00	0.00	0.00	17,681.00	17,681.00	0.00
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**13,073.00**	**13,073.00**	**0.00**
U.S. Air Force Dover AFB DE Small Arms Range, Dover AFB, Kent	0.00	0.00	0.00	0.00	0.00	0.00	2,958.00	2,958.00	0.00
General Chemical Corp. Delaware Valley Works, Claymont, New Castle	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,158.00**	**2,158.00**	**0.00**
Occidental Chemical Corp., New Castle, New Castle	7,800.00	0.00	0.00	0.00	0.00	0.00	2,017.00	9,817.00	118.00
Du Pont Seaford Plant, Seaford, Sussex	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,929.00**	**1,929.00**	**0.00**
Motiva Enterprises L.L.C., Delaware City, New Castle	0.00	180.00	210.00	0.00	400.00	0.00	790.00	1,580.00	0.00
Chrome Deposit Corp., Newark, New Castle	**0.00**	**6,790.00**	**0.00**	**0.00**	**0.00**	**0.00**	**700.00**	**7,490.00**	**0.00**
Citisteel USA Inc., Claymont, New Castle	0.00	254,642.00	0.00	0.00	0.00	0.00	665.00	255,307.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

DISTRICT OF COLUMBIA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	59,603
Air Emissions	40,733
Surface Water Discharges	13,943
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	4,927
Off-site Releases (Transfers Off-site to Disposal)*	970
Total On- and Off-site Releases	**60,573**
Recycled On-site	209
Recycled Off-site	6,377
Energy Recovery On-site	0
Energy Recovery Off-site	0
Treated On-site	987
Treated Off-site**	371
Quantity Released On- and Off-site***	63,498
Total Production-related Waste Managed	**71,442**
Non-production-related Waste Managed	**0**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	15,814
Energy Recovery	0
Treatment	0
Publicly Owned Treatment Works (POTWs)	371
Metals and Metal Category Compounds*	0
Non-metal TRI Chemicals**	371
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	970
Total Transfers Off-site for Further Waste Management, including Disposal	**17,155**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

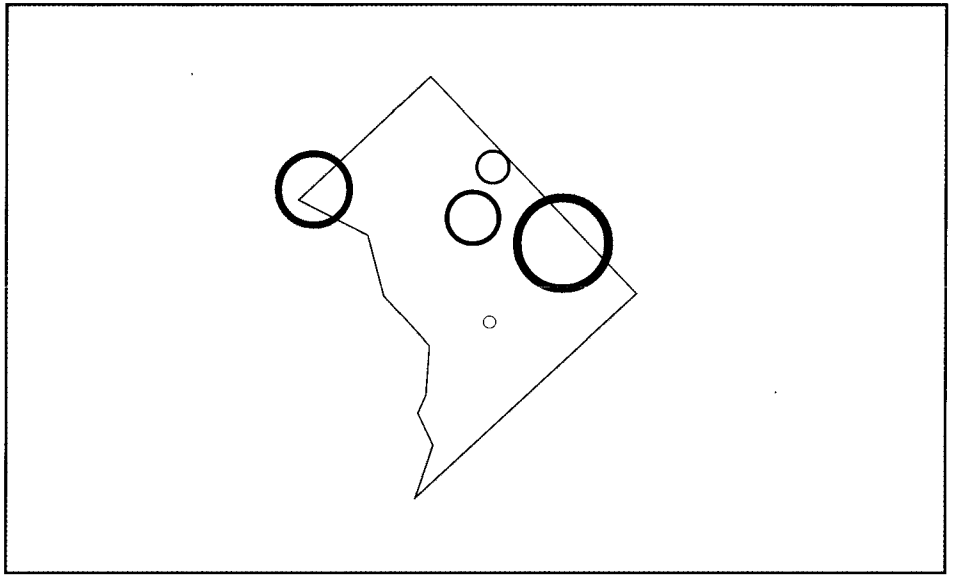
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Michele Penick
2000 14th Street, NW, 8th Floor
Washington, DC 20009
(202) 673-2101, ext. 1159
Fax: (202) 673-2290
michele.penick@dc.gov

EPA Regional Contact
William Reilly
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814- 2072
reilly.william@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the map represents the largest facility for on-site releases in the District of Columbia All circles are proportionally-sized to represent the on-site releases at each facility within this district

State/TRI Data	
Population	573,822
Square Miles	61
Total Facilities	8
Total Forms	17
Form As	0

	Total
National Rank for Total On- and Off-site Releases*	
Rank	54
Pounds	60,573
National Rank for Total On-site Releases**	
Rank	54
Pounds	59,603
National Rank for Total Releases within State***	
Rank	54
Pounds	59,928
National Rank for Production-related Waste Managed	
Rank	54
Pounds	71,442

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory — DISTRICT OF COLUMBIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-93-9	**Sulfuric acid**	**40,732**	**0**	**0**	**0**	**0**	**40,732**	**0**	**0**	**0**
—	Manganese compounds	0	12,800	0	0	0	12,800	0	0	0
—	**Copper compounds**	**0**	**0**	**0**	**4,600**	**0**	**4,600**	**222**	**0**	**0**
—	Nitrate compounds	1	656	0	327	0	984	0	0	0
7439-92-1	**Lead**	**0**	**0**	**0**	**0**	**957**	**957**	**0**	**0**	**957**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**0.00**	**0.00**	**0.00**	**0.00**	**956.70**	**956.70**	**0.00**	**0.00**	**956.70**
—	Polycyclic aromatic compounds	0.10	0.00	0.00	0.00	1.90	2.00	0.00	0.00	1.90
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*0.101*	*0.000*	*0 000*	*0.000*	*0.000*	*0 101*	*0.000*	*0.000*	*0.000*
191-24-2	**Benzo(g,h,i)perylene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
—	**Lead compounds**	—***	—	—	—	—	—	—	—	—
7439-97-6	Mercury	—***	—	—	—	—	—	—	—	—
—	**Mercury compounds**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory — DISTRICT OF COLUMBIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Benning Generating Station, Washington, Dist of Columbia	**40,732**	**0**	**0**	**0**	**0**	**0**	**40,732**	**0**	**1**
U.S. Army Corps of Engineers Dalecarlia WTP Aqueduct, Washington, D.C.	0	10,687	0	0	0	0	10,687	0	0
U.S. Army Corps of Eng. McMillan WTP Washington Aqueduct Div., Washington, D.C.	**0**	**2,600**	**0**	**0**	**0**	**4,600**	**7,200**	**0**	**0**
Fort Totten Ready Mix Plant, Washington, Dist of Columbia	1	656	0	0	0	327	984	0	0
U.S. Dept. of the Treasury Bureau of Engraving & Printing, Washington, D.C.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**965**
U.S. GSA FPS Pistol Range Building 202, Washington, Dist of Columbia	0	0	0	0	0	0	0	0	3
Buzzard Point, Washington, Dist of Columbia	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
DC Materials, Washington, Dist of Columbia	0	0	0	0	0	0	0	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Dept. of the Treasury Bureau of Engraving & Printing, Washington, Dist of Columbia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	954.00
U.S. GSA FPS Pistol Range Building 202, Washington, Dist of Columbia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.70
Benning Generating Station, Washington, Dist of Columbia	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	1.10
Buzzard Point, Washington, Dist of Columbia	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 80

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Benning Generating Station, Washington, Dist of Columbia	**0**	**0**	**0**	**0**	**0**	**0**	**40,733**	**40,733**	**0**
U.S. Army Corps of Engineers Dalecarlia WTP Aqueduct, Washington, D.C.	0	964	0	0	0	0	10,687	11,651	0
U.S. Army Corps of Eng. McMillan WTP Washington Aqueduct Div., Washington, D.C.	**0**	**913**	**0**	**0**	**0**	**371**	**7,200**	**8,484**	**0**
U.S. Dept. of the Treasury Bureau of Engraving & Printing, Washington, D.C.	30	0	0	0	3	0	3,890	3,923	0
Fort Totten Ready Mix Plant, Washington, Dist of Columbia	**0**	**0**	**0**	**0**	**984**	**0**	**984**	**1,968**	**0**
U.S. GSA FPS Pistol Range Building 202, Washington, Dist of Columbia	0	4,500	0	0	0	0	3	4,503	0
Buzzard Point, Washington, Dist of Columbia	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**
DC Materials, Washington, Dist of Columbia	179	0	0	0	0	0	0	179	0
—									
—									

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
U.S. Dept. of the Treasury Bureau of Engraving & Printing, Washington, Dist of Columbia	**30.00**	**0.00**	**0.00**	**0.00**	**3.00**	**0.00**	**330.00**	**363.00**	**0.00**
U.S. GSA FPS Pistol Range Building 202, Washington, Dist of Columbia	0.00	4,500.00	0.00	0.00	0.00	0.00	3.00	4,503.00	0.00
Benning Generating Station, Washington, Dist of Columbia	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.00**	**1.00**	**0.00**
Buzzard Point, Washington, Dist of Columbia	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00
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* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

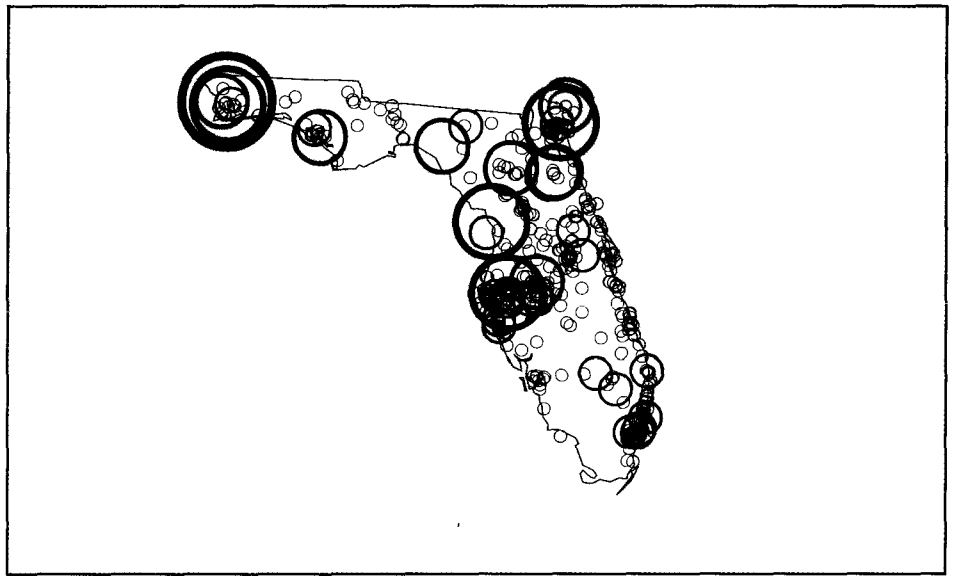
2001 Toxics Release Inventory

FLORIDA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
Total On-site Releases	118,421,931
Air Emissions	83,429,911
Surface Water Discharges	1,590,342
Underground Injection Class I Wells	23,796,396
Underground Injection Class II-V Wells	709
On-site Land Releases to RCRA Subtitle C Landfills	1,236,511
Other On-site Land Releases	8,368,063
Off-site Releases (Transfers Off-site to Disposal)*	4,780,008
Total On- and Off-site Releases	**123,201,939**
Recycled On-site	76,259,500
Recycled Off-site	19,936,397
Energy Recovery On-site	19,979,890
Energy Recovery Off-site	3,015,888
Treated On-site	157,719,630
Treated Off-site**	9,715,870
Quantity Released On- and Off-site***	120,787,838
Total Production-related Waste Managed	**407,415,013**
Non-production-related Waste Managed	**478,639**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	20,290,432
Energy Recovery	2,986,106
Treatment	1,698,196
Publicly Owned Treatment Works (POTWs)	8,012,148
Metals and Metal Category Compounds*	61,355
Non-metal TRI Chemicals**	7,950,792
Other Off-site Transfers****	14,897
Transfers Off-site to Disposal *(not including metals to POTWs)*	4,856,024
Total Transfers Off-site for Further Waste Management, including Disposal	**37,857,802**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Florida All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	16,373,330
Square Miles	53,997
Total Facilities	702
Total Forms	2,185
Form As	331

	Total
National Rank for Total On- and Off-site Releases*	
Rank	15
Pounds	123,201,939
National Rank for Total On-site Releases**	
Rank	13
Pounds	118,421,931
National Rank for Total Releases within State***	
Rank	15
Pounds	122,323,369
National Rank for Production-related Waste Managed	
Rank	21
Pounds	407,415,013

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Sam Brackett
2555 Shumard Oak Blvd.
Tallahassee, FL 32399-2100
(850) 413-9970
Fax: (850) 488-1739
sam.brackett@dca.state.fl.us

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

FLORIDA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**36,374,831**	**0**	**0**	**0**	**0**	**36,374,831**	**0**	**0**	**0**
—	Nitrate compounds	84,531	1,200,644	16,942,604	211,550	820,943	19,260,272	956	798,719	22,224
7664-93-9	**Sulfuric acid**	**15,197,473**	**0**	**0**	**0**	**0**	**15,197,473**	**0**	**0**	**0**
67-56-1	Methanol	10,716,655	34,116	378,777	60,774	0	11,190,322	119	0	0
7664-41-7	**Ammonia**	**5,646,496**	**148,226**	**293,106**	**124,914**	**122,755**	**6,335,497**	**0**	**118,332**	**4,423**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**23,083.45**	**1,139.21**	**0.00**	**280,108.95**	**277,412.48**	**581,744.09**	**21,348.30**	**101,214.09**	**177,078.39**
7439-92-1	Lead	2,900.86	230.32	0.00	142,881.90	12,869.90	158,882.98	1,385.60	3,603.89	9,266.01
40487-42-1	**Pendimethalin**	**1,262.00**	**0.00**	**0.00**	**20,889.00**	**40,724.00**	**62,875.00**	**0.00**	**40,724.00**	**0.00**
—	Polycyclic aromatic compounds	11,684.17	68.46	0.00	9,193.03	766.05	21,711.71	5,500.00	524 92	241.13
—	**Mercury compounds**	**2,197.25**	**9.08**	**0.00**	**1,366.80**	**94.95**	**3,668.08**	**6.00**	**44.35**	**50.60**
7439-97-6	Mercury	341.13	3.15	0.00	1,282.39	187.65	1,814.32	47.00	185.95	1.70
191-24-2	**Benzo(g,h,i)perylene**	**400.22**	**0.00**	**0.00**	**104.37**	**46.67**	**551.26**	**0.00**	**21.67**	**25.00**
—	Dioxin and dioxin-like compounds	0.15	0.02	0.00	0.04	0.00	0.21	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***70.154***	***9.134***	***0.000***	***17.897***	***0.000***	***97.185***	***0.000***	***0.000***	***0.000***
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.10	0.00
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

FLORIDA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Solutia Inc., Cantonment, Escambia	**475,665**	**762**	**23,603,467**	**0**	**0**	**0**	**24,079,894**	**3**	**1,672**
Florida Power Crystal River Energy Complex, Crystal River, Citrus	11,288,732	18,800	0	0	0	254,520	11,562,052	48	0
Gulf Power Co. Plant Crist, Pensacola, Escambia	**11,343,443**	**1,785**	**0**	**0**	**0**	**166,839**	**11,512,067**	**0**	**0**
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	9,818,883	5,808	0	0	0	90	9,824,781	8,642	0
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	**5,602,272**	**3,633**	**0**	**0**	**0**	**2,181,867**	**7,787,772**	**1,076**	**158,271**
Seminole Generating Station, Palatka, Putnam	3,093,518	3,306	0	0	0	1,429,062	4,525,886	0	0
International Paper, Cantonment, Escambia	**2,555,903**	**168,114**	**0**	**0**	**0**	**434,240**	**3,158,257**	**0**	**0**
Jefferson Smurfit Corp., Fernandina Beach, Nassau	2,557,997	23,612	0	0	0	0	2,581,609	0	0
Stone Container Corp., Panama City, Bay	**1,950,977**	**0**	**0**	**0**	**0**	**124,217**	**2,075,194**	**56,753**	**0**
Buckeye Florida L.P., Perry, Taylor	1,787,354	97,946	0	0	0	81,446	1,966,746	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Farmland Hydro L.P., Bartow, Polk	**2.20**	**0.00**	**0.00**	**0.00**	**0.00**	**63,377.89**	**63,380.09**	**0.00**	**0.00**
CF Inds. Inc. (Plant City Phosphate Complex), Plant City, Hillsborough	0.00	0.00	0.00	0.00	0.00	50,806.14	50,806.14	0.00	0.00
PCS Phosphate-White Springs, White Springs, Hamilton	**3.09**	**0.00**	**0.00**	**0.00**	**0.00**	**50,324.37**	**50,327.46**	**0.00**	**0.00**
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	887.41	82.90	0.00	0.00	0.00	38,312.00	39,282.31	34.50	1,245.70
U.S. Air Force Eglin AFB Ranges Fl, Eglin A F B, Okaloosa	**431.00**	**0.00**	**0.00**	**0.00**	**0.00**	**35,555.00**	**35,986.00**	**0.00**	**0.00**
Gulf Power Co. Plant Crist, Pensacola, Escambia	1,423.10	0.00	0.00	0.00	0.00	24,892.60	26,315.70	0.00	0.00
Stanton Energy Complex, Orlando, Orange	**1,035.31**	**0.00**	**0.00**	**0.00**	**0.00**	**24,060.00**	**25,095.31**	**45,980.00**	**0.00**
U.S. Agri-Chemicals Corp., Fort Meade, Polk	0.10	12.90	0.00	0.00	0.00	20,004.00	20,017.00	0.00	0.00
C.D. McIntosh Jr. Power Plant, Lakeland, Polk	**1,116.00**	**23.00**	**0.00**	**0.00**	**18,257.00**	**0.00**	**19,396.00**	**0.00**	**0.00**
Gulf Power Co. Plant Lansing Smith, Southport, Bay	322.40	0.00	0.00	0.00	0.00	16,944.30	17,266.70	0.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Solutia Inc., Cantonment, Escambia	**45,826**	**92,880**	**756,062**	**0**	**17,068,123**	**32,796**	**24,081,570**	**42,077,257**	**12**
Florida Power Crystal River Energy Complex, Crystal River, Citrus	0	10	2	0	1,800,000	0	11,563,415	13,363,428	0
Gulf Power Co. Plant Crist, Pensacola, Escambia	**0**	**0**	**0**	**0**	**0**	**0**	**11,512,067**	**11,512,067**	**0**
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	0	0	0	0	2,140,000	0	9,833,415	11,973,415	36
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	**0**	**0**	**0**	**0**	**3,410,000**	**0**	**7,917,863**	**11,327,863**	**0**
Seminole Generating Station, Palatka, Putnam	0	0	0	0	6,716,978	0	4,525,890	11,242,868	0
International Paper, Cantonment, Escambia	**0**	**0**	**11,037,700**	**0**	**8,661,668**	**0**	**3,163,930**	**22,863,298**	**0**
Jefferson Smurfit Corp., Fernandina Beach, Nassau	0	0	41,461	0	3,953,086	0	2,581,699	6,576,246	0
Stone Container Corp., Panama City, Bay	**0**	**0**	**132,935**	**0**	**1,572,917**	**7,292,362**	**2,131,941**	**11,130,155**	**0**
Buckeye Florida L.P., Perry, Taylor	0	0	55,700	0	13,893,200	0	2,021,349	15,970,249	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Gulf Coast Recycling Inc., Tampa, Hillsborough	**46,528.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**156,970.00**	**203,498.00**	**4,294.00**
Farmland Hydro L.P., Bartow, Polk	0.00	0.00	0.00	0.00	0.00	0.00	63,001.00	63,001.00	0.00
CF Inds. Inc. (Plant City Phosphate Complex), Plant City, Hillsborough	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**51,000.00**	**51,000.00**	**0.00**
PCS Phosphate-White Springs, White Springs, Hamilton	0.00	0.00	0.00	0.00	0.00	0.00	50,326.00	50,326.00	0.00
Lesco Sebring Plant, Sebring, Highlands	**2,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**41,986.00**	**43,986.00**	**0.00**
JEA St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	0.00	0.00	0.00	0.00	0.00	0.00	40,563.00	40,563.00	0.00
U.S. Air Force Eglin AFB Ranges Fl, Eglin A F B, Okaloosa	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**35,986.00**	**35,986.00**	**0.00**
U.S. Holding Corp., Medley, Miami-Dade	0.00	0.00	0.00	0.00	0.00	0.00	33,245.00	33,245.00	0.00
Gulf Power Co. Plant Crist, Pensacola, Escambia	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**26,316.00**	**26,316.00**	**0.00**
Stanton Energy Complex, Orlando, Orange	0.00	0.00	0.00	0.00	374.00	0.00	25,170.00	25,544.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

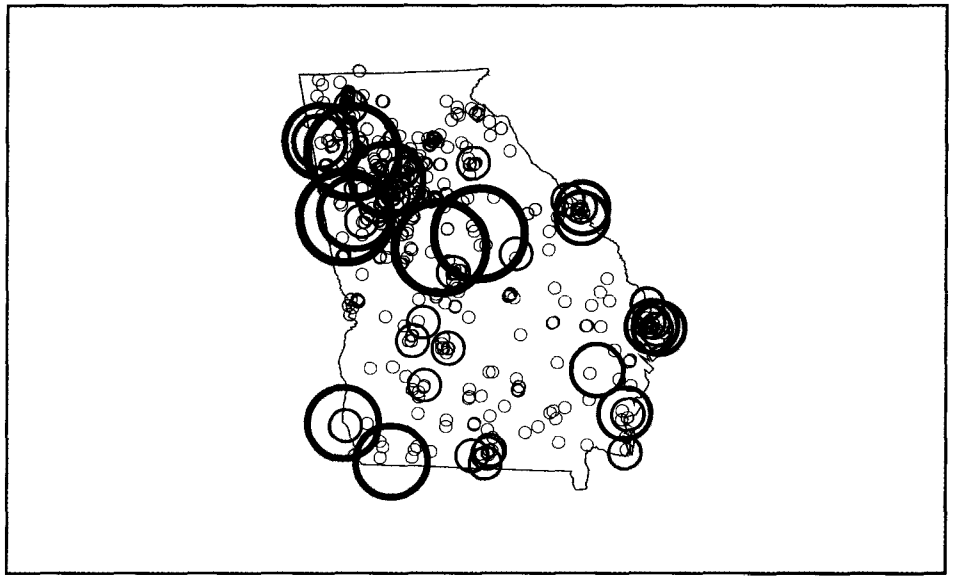
2001 Toxics Release Inventory

GEORGIA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	113,859,700
Air Emissions	91,834,154
Surface Water Discharges	8,391,937
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	17,986
Other On-site Land Releases	13,615,623
Off-site Releases (Transfers Off-site to Disposal)*	2,659,943
Total On- and Off-site Releases	**116,519,643**
Recycled On-site	107,978,360
Recycled Off-site	33,470,615
Energy Recovery On-site	55,953,246
Energy Recovery Off-site	12,622,865
Treated On-site	146,733,814
Treated Off-site**	8,785,811
Quantity Released On- and Off-site***	117,391,931
Total Production-related Waste Managed	**482,936,642**
Non-production-related Waste Managed	**628,759**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	32,440,137
Energy Recovery	12,768,822
Treatment	4,313,862
Publicly Owned Treatment Works (POTWs)	4,707,978
Metals and Metal Category Compounds*	61,132
Non-metal TRI Chemicals**	4,646,845
Other Off-site Transfers****	1,282
Transfers Off-site to Disposal *(not including metals to POTWs)*	3,334,137
Total Transfers Off-site for Further Waste Management, including Disposal	**57,566,218**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases, e.g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code.



The largest circle in the state map represents the largest facility for on-site releases in the state of Georgia. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	8,405,677
Square Miles	57,919
Total Facilities	795
Total Forms	2,759
Form As	580

	Total
National Rank for Total On- and Off-site Releases*	
Rank	17
Pounds	116,519,643
National Rank for Total On-site Releases**	
Rank	14
Pounds	113,859,700
National Rank for Total Releases within State***	
Rank	17
Pounds	116,450,120
National Rank for Production-related Waste Managed	
Rank	18
Pounds	482,936,642

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Dr. Bert K. Langley
7 Martin Luther King, Jr. Dr. Rm. 643
Atlanta, GA 30334
(404) 656-6905
Fax: (404) 657-7893
bert_langley@mail.dnr.state.ga.us

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
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2001 Toxics Release Inventory

GEORGIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**43,791,312**	**0**	**0**	**0**	**0**	**43,791,312**	**0**	**0**	**0**
67-56-1	Methanol	12,409,633	126,271	0	27,836	300,360	12,864,100	2,774	10,737	289,623
7664-41-7	**Ammonia**	**8,291,371**	**171,670**	**0**	**13,140**	**154,582**	**8,630,763**	**4,326**	**138,178**	**16,404**
—	Nitrate compounds	7,707	6,321,997	0	62,553	5,455	6,397,712	22,224	3,733	1,722
—	**Barium compounds**	**51,849**	**145,180**	**0**	**5,690,834**	**139,508**	**6,027,371**	**5,811**	**95,716**	**43,792**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**26,895.84**	**1,769.58**	**0.01**	**333,974.86**	**105,637.16**	**468,277.44**	**193,921.52**	**38,169.94**	**67,467.22**
7439-92-1	Lead	6,012.43	634.40	0.00	257,992.90	17,161.95	281,801.68	3,745.25	300.11	16,861.84
40487-42-1	**Pendimethalin**	**0.00**	**0.00**	**0.00**	**7,524.00**	**0.00**	**7,524.00**	**0.00**	**0.00**	**0.00**
—	Polycyclic aromatic compounds	3,358.47	135.65	0.00	363.46	2,475.69	6,333.27	379.60	236.79	2,238.90
—	**Mercury compounds**	**2,882.60**	**7.01**	**0.00**	**910.75**	**52.02**	**3,852.38**	**0.14**	**45.02**	**7.00**
1582-09-8	Trifluralin	180.00	0.00	0.00	2,725.00	0.00	2,905.00	0.00	0.00	0.00
7439-97-6	**Mercury**	**809.91**	**7.42**	**0.00**	**0.66**	**70.00**	**887.98**	**0.60**	**0.00**	**70.00**
191-24-2	Benzo(g,h,i)perylene	33.83	10.48	0.00	6.57	23.00	73.88	25.00	23.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.08**	**0.06**	**0.00**	**0.73**	**0.05**	**0.91**	**0.05**	**0.00**	**0.04**
—	*Dioxin and dioxin-like compounds (in grams)*	*37.137*	*27.183*	*0.000*	*329.261*	*20.562*	*414.143*	*23.521*	*0.204*	*20.358*
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	**Toxaphene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

GEORGIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Georgia Power Bowen Steam Electric Generating Plant, Cartersville, Bartow	**16,441,622**	**13,998**	**0**	**0**	**0**	**1,321,152**	**17,776,771**	**0**	**34**
Georgia Power Scherer Steam Electric Generating Plant, Juliette, Monroe	8,389,937	28,651	0	0	0	3,381,131	11,799,719	0	0
Wansley Steam Electric Generating Plant, Roopville, Heard	**7,365,689**	**9,422**	**0**	**0**	**0**	**1,873,809**	**9,248,920**	**0**	**0**
Georgia Power Branch Steam Electric Generating Plant, Milledgeville, Putnam	6,808,463	10,039	0	0	0	1,463,362	8,281,864	1	0
Georgia Power Yates Steam Electric Generating Plant, Newnan, Coweta	**2,811,851**	**18,982**	**0**	**0**	**0**	**1,362,874**	**4,193,706**	**0**	**0**
Engelhard Corp. Attapulgus Ops., Attapulgus, Decatur	2,818,393	1,302,343	0	0	0	0	4,120,736	0	0
Inland Paperboard & Packaging Inc., Rome, Floyd	**3,556,185**	**35,946**	**0**	**0**	**0**	**184,686**	**3,776,817**	**141,259**	**0**
McDonough/Atkinson Steam Electric Generating Plant, Smyrna, Cobb	3,276,923	28,285	0	0	0	312,633	3,617,840	0	0
Great Southern Paper Co., Cedar Springs, Early	**2,583,345**	**138,875**	**0**	**0**	**0**	**332,336**	**3,054,556**	**0**	**0**
Georgia Power Hammond Steam Electric Generating Plant, Rome, Floyd	1,995,160	6,046	0	0	0	827,043	2,828,249	55,330	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army Fort Benning Range Facility, Fort Benning, Chattahoochee	607.90	0.00	0.00	0.00	0.00	153,918.00	154,525.90	0.00	0.00
U.S. Department of the Treasury Fletc Glynco GA, Glynco, Glynn	63.70	0.00	0.00	0.00	0.00	75,704.00	75,767.70	0 00	14,920.00
Georgia Power Scherer Steam Electric Generating Plant, Juliette, Monroe	1,550.10	6.10	0.00	0.00	0.00	58,700.10	60,256.30	0.00	0.00
Wansley Steam Electric Generating Plant, Roopville, Heard	996.00	1 80	0.00	0 00	0.00	50,936.30	51,934.10	0.00	0 00
Georgia Power Bowen Steam Electric Generating Plant, Cartersville, Bartow	2,441.80	0.50	0.00	0.00	0.00	48,865.80	51,308.10	0.00	17.30
Georgia Power Branch Steam Electric Generating Plant, Milledgeville, Putnam	1,399.40	2.00	0.00	0.00	0.00	44,211.00	45,612.40	0.50	0 00
Georgia Power Yates Steam Electric Generating Plant, Newnan, Coweta	493.50	5.10	0.00	0.00	0.00	31,776.60	32,275.20	0.00	0.00
U.S. Army Fort Stewart Firing Ranges, Fort Stewart, Liberty	3,500.00	0.00	0.00	0.00	0 00	20,600.00	24,100.00	0.00	0.00
Georgia Power Hammond Steam Electric Generating Plant, Rome, Floyd	423.40	45.70	0.00	0.00	0.00	23,298.50	23,767.60	3.50	0.00
McDonough/Atkinson Steam Electric Generating Plant, Smyrna, Cobb	280.60	23.70	0.00	0.00	0.00	13,671.80	13,976.10	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Georgia Power Bowen Steam Electric Generating Plant, Cartersville, Bartow	**0**	**0**	**0**	**0**	**0**	**0**	**17,776,806**	**17,776,806**	**0**
Georgia Power Scherer Steam Electric Generating Plant, Juliette, Monroe	0	0	0	0	0	0	11,799,720	11,799,720	0
Wansley Steam Electric Generating Plant, Roopville, Heard	**0**	**0**	**0**	**0**	**0**	**0**	**9,248,921**	**9,248,921**	**0**
Georgia Power Branch Steam Electric Generating Plant, Milledgeville, Putnam	0	0	0	0	0	0	8,281,865	8,281,865	0
Georgia Power Yates Steam Electric Generating Plant, Newnan, Coweta	**0**	**0**	**0**	**0**	**0**	**0**	**4,193,707**	**4,193,707**	**0**
Engelhard Corp. Attapulgus Ops., Attapulgus, Decatur	0	0	0	0	8,496	0	4,120,736	4,129,232	1,876
Inland Paperboard & Packaging Inc., Rome, Floyd	**0**	**0**	**7,317,090**	**0**	**4,217,020**	**0**	**3,988,047**	**15,522,157**	**0**
McDonough/Atkinson Steam Electric Generating Plant, Smyrna, Cobb	0	0	0	0	0	0	3,617,840	3,617,840	0
Great Southern Paper Co., Cedar Springs, Early	**0**	**0**	**2,318,070**	**0**	**4,530,820**	**4,700**	**3,061,961**	**9,915,551**	**0**
International Paper Co. Savannah Complex, Savannah, Chatham	110,037	0	2,284,130	195,933	8,702,570	0	3,055,216	14,347,886	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
U.S. Army Fort Benning Range Facility, Fort Benning, Chattahoochee	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**154,526.00**	**154,526.00**	**0.00**
U.S. Department of the Treasury Fletc Glynco GA, Glynco, Glynn	0.00	32,972.00	0.00	0.00	0.00	0.00	75,768.00	108,740.00	0.00
Georgia Power Scherer Steam Electric Generating Plant, Juliette, Monroe	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**60,257.00**	**60,257.00**	**0.00**
Wansley Steam Electric Generating Plant, Roopville, Heard	0.00	0.00	0.00	0.00	0.00	0.00	51,935.00	51,935.00	0.00
Georgia Power Bowen Steam Electric Generating Plant, Cartersville, Bartow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**51,326.00**	**51,326.00**	**0.00**
Georgia Power Branch Steam Electric Generating Plant, Milledgeville, Putnam	0.00	0.00	0.00	0.00	0.00	0.00	45,613.00	45,613.00	0.00
Georgia Power Yates Steam Electric Generating Plant, Newnan, Coweta	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**32,275.00**	**32,275.00**	**0.00**
U.S. Army Fort Stewart Firing Ranges, Fort Stewart, Liberty	0.00	0.00	0.00	0.00	0.00	0.00	24,100.00	24,100.00	0.00
Exide Techs., Columbus, Muscogee	**789,000.00**	**3,186,161.00**	**0.00**	**0.00**	**0.00**	**0.00**	**24,000.00**	**3,999,161.00**	**0.00**
Georgia Power Hammond Steam Electric Generating Plant, Rome, Floyd	0.00	0.00	0.00	0.00	0.00	0.00	23,771.00	23,771.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

GUAM

Reported Releases and Other Waste Management Activities (in pounds)

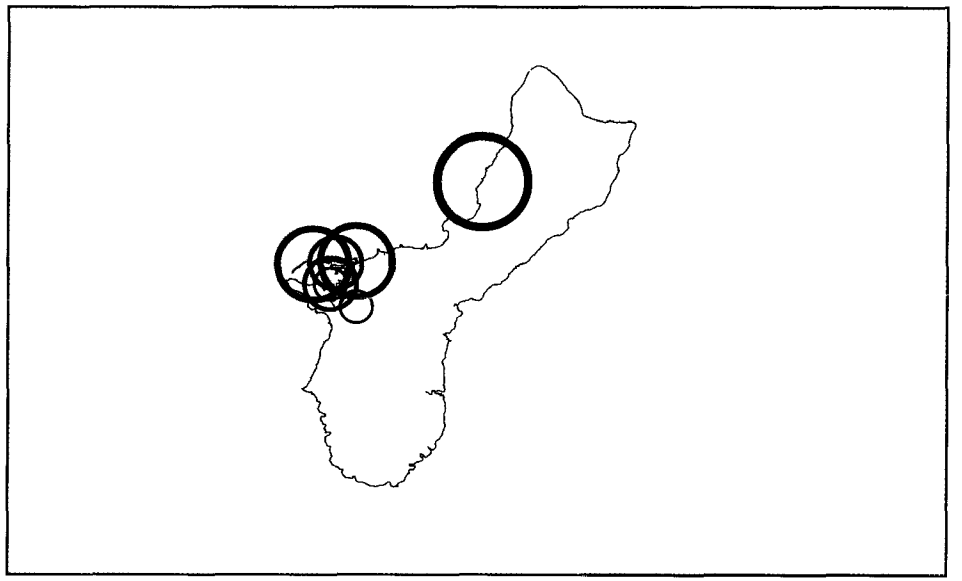
	Total
On-site Releases	198,460
Air Emissions	192,898
Surface Water Discharges	17
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	26
Other On-site Land Releases	5,519
Off-site Releases (Transfers Off-site to Disposal)*	23
Total On- and Off-site Releases	**198,483**
Recycled On-site	0
Recycled Off-site	0
Energy Recovery On-site	0
Energy Recovery Off-site	0
Treated On-site	0
Treated Off-site**	26
Quantity Released On- and Off-site***	198,339
Total Production-related Waste Managed	**198,365**
Non-production-related Waste Managed	**142**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	0
Energy Recovery	0
Treatment	26
Publicly Owned Treatment Works (POTWs)	0
Metals and Metal Category Compounds*	0
Non-metal TRI Chemicals**	0
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	23
Total Transfers Off-site for Further Waste Management, including Disposal	**49**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code



The largest circle in the map represents the largest facility for on-site releases in Guam. All circles are proportionally-sized to represent the on-site releases at each facility within this territory

State/TRI Data	
Population	154,805
Square Miles	210
Total Facilities	8
Total Forms	44
Form As	5

	Total
National Rank for Total On- and Off-site Releases*	
Rank	53
Pounds	198,483
National Rank for Total On-site Releases**	
Rank	53
Pounds	198,460
National Rank for Total Releases within State***	
Rank	53
Pounds	198,460
National Rank for Production-related Waste Managed	
Rank	53
Pounds	198,365

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

For More Information . . .

State Contact
Francis Damian
P.O. Box 20439
Barrigada, Guam 96921
International (671) 475-1607
Fax: (671) 477-9402
fpdamian@guamepa.govguam.net

EPA Regional Contact
Nancy Sockabasin
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3772
sockabasin.nancy@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

GUAM

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-93-9	**Sulfuric acid**	**144,952**	**0**	**0**	**0**	**0**	**144,952**	**0**	**0**	**0**
110-54-3	n-Hexane	22,958	0	0	3	3	22,964	0	0	3
95-63-6	**1,2,4-Trimethylbenzene**	**7,919**	**0**	**0**	**3**	**3**	**7,925**	**0**	**0**	**3**
108-88-3	Toluene	7,285	8	0	6	6	7,305	0	0	6
7439-92-1	**Lead**	**0**	**0**	**0**	**5,419**	**0**	**5,419**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**0.00**	**0.00**	**0.00**	**5,419.00**	**0.00**	**5,419.00**	**0.00**	**0.00**	**0.00**
—	Polycyclic aromatic compounds	772.65	0.00	0.00	7.70	0.00	780.35	0.00	0.00	0.00
—	**Lead compounds**	**31.00**	**1.00**	**0.00**	**95.30**	**0.00**	**127.30**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***0.206***	***0.000***	***0.000***	***0.000***	***0.000***	***0.206***	***0.000***	***0.000***	***0.000***
191-24-2	Benzo(g,h,i)perylene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
7439-97-6	Mercury	—***	—	—	—	—	—	—	—	—
—	**Mercury compounds**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

GUAM

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Tanguisson Power Plant, Dededo, Guam	**144,980**	**0**	**0**	**0**	**0**	**85**	**145,065**	**0**	**0**
Guam Power Authority Cabras Facility, Piti, Guam	22,121	0	0	0	0	3	22,124	0	0
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	**18,166**	**4**	**0**	**0**	**0**	**0**	**18,170**	**0**	**23**
South Pacific Petroleum Corp., Tamuning, Guam	6,113	13	0	0	0	0	6,126	0	0
U.S. Navy Comnavmarianas Guam – NCTS Pistol Range, Santa Rita, Guam	**0**	**0**	**0**	**0**	**0**	**3,943**	**3,943**	**0**	**0**
Shell Guam Agat Terminal, Agat, Guam	1,514	0	0	0	26	0	1,540	0	0
U.S. Navy Comnavmarianas Guam – KD/Orote, Santa Rita, Guam	**0**	**0**	**0**	**0**	**0**	**1,476**	**1,476**	**0**	**0**
Hawaiian Rock Prods. - Guam, Mangilao, Guam	4	0	0	0	0	12	16	0	0
—									
—									

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Navy Comnavmarianas Guam – NCTS Pistol Range, Santa Rita, Guam	0.00	0.00	0.00	0.00	0.00	3,943.00	3,943.00	0.00	0.00
U.S. Navy Comnavmarianas Guam – KD/Orote, Santa Rita, Guam	0.00	0.00	0.00	0.00	0.00	1,476.00	1,476.00	0.00	0.00
Guam Power Authority Cabras Facility, Piti, Guam	483.00	0.00	0.00	0.00	0.00	3.00	486.00	0.00	0.00
Shell Guam Agat Terminal, Agat, Guam	288.00	0.00	0.00	0.00	3.00	0.00	291.00	0.00	0.00
Tanguisson Power Plant, Dededo, Guam	28.10	0.00	0.00	0.00	0.00	85.20	113.30	0.00	0.00
Hawaiian Rock Prods. - Guam, Mangilao, Guam	3.80	0.00	0.00	0.00	0.00	11.80	15.60	0.00	0.00
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	0.56	1.00	0.00	0.00	0.00	0.00	1.56	0.00	0.00
South Pacific Petroleum Corp., Tamuning, Guam	0.19	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00
—									
—									

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

GUAM

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Tanguisson Power Plant, Dededo, Guam	**0**	**0**	**0**	**0**	**0**	**0**	**145,065**	**145,065**	**0**
Guam Power Authority Cabras Facility, Piti, Guam	0	0	0	0	0	0	22,122	22,122	3
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	**0**	**0**	**0**	**0**	**0**	**0**	**18,193**	**18,193**	**0**
South Pacific Petroleum Corp., Tamuning, Guam	0	0	0	0	0	0	6,126	6,126	0
U.S. Navy Comnavmarianas Guam - NCTS Pistol Range, Santa Rita, Guam	**0**	**0**	**0**	**0**	**0**	**0**	**3,943**	**3,943**	**0**
U.S. Navy Comnavmarianas Guam - KD/Orote, Santa Rita, Guam	0	0	0	0	0	0	1,476	1,476	0
Shell Guam Agat Terminal, Agat, Guam	**0**	**0**	**0**	**0**	**0**	**26**	**1,398**	**1,424**	**139**
Hawaiian Rock Prods. - Guam, Mangilao, Guam	0	0	0	0	0	0	16	16	0
—									
—									

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
U.S. Navy Comnavmarianas Guam - NCTS Pistol Range, Santa Rita, Guam	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,943.00**	**3,943.00**	**0.00**
U.S. Navy Comnavmarianas Guam – KD/Orote, Santa Rita, Guam	0.00	0.00	0.00	0.00	0.00	0.00	1,476.00	1,476.00	0.00
Guam Power Authority Cabras Facility, Piti, Guam	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**484.00**	**484.00**	**3.00**
Shell Guam Agat Terminal, Agat, Guam	0.00	0.00	0.00	0.00	0.00	3.00	276.00	279.00	14.00
Tanguisson Power Plant, Dededo, Guam	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**113.00**	**113.00**	**0.00**
Hawaiian Rock Prods. - Guam, Mangilao, Guam	0.00	0.00	0.00	0.00	0.00	0.00	16.00	16.00	0.00
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**	**2.00**	**0.00**
South Pacific Petroleum Corp., Tamuning, Guam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
—									
—									

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

HAWAII

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	2,636,198
Air Emissions	2,379,957
Surface Water Discharges	29,770
Underground Injection Class I Wells	5
Underground Injection Class II-V Wells	2,066
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	224,400
Off-site Releases (Transfers Off-site to Disposal)*	430,339
Total On- and Off-site Releases	**3,066,537**
Recycled On-site	290,115
Recycled Off-site	46,914
Energy Recovery On-site	0
Energy Recovery Off-site	484
Treated On-site	364,278
Treated Off-site**	2,057
Quantity Released On- and Off-site***	3,135,249
Total Production-related Waste Managed	**3,839,097**
Non-production-related Waste Managed	**9**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	46,915
Energy Recovery	490
Treatment	2,071
Publicly Owned Treatment Works (POTWs)	0
Metals and Metal Category Compounds*	0
Non-metal TRI Chemicals**	0
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	473,617
Total Transfers Off-site for Further Waste Management, including Disposal	**523,094**

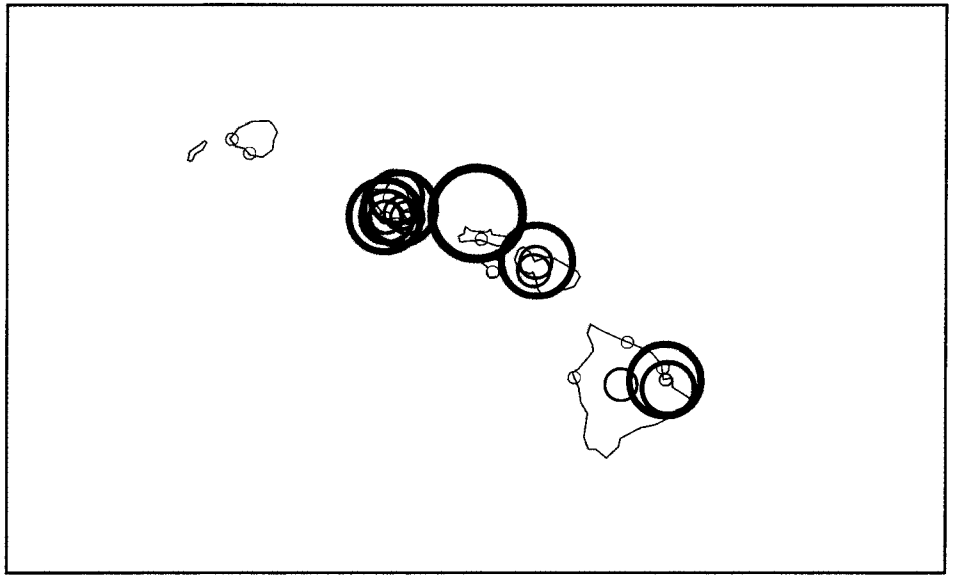
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Denis Shimamoto
919 Ala Moana Blvd, Room 206
Honolulu, HI 96814
(808) 586-4694
Fax: (808) 586-7537
heer@eha.health.state.hi.us

EPA Regional Contact
Nancy Sockabasin
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3772
sockabasin.nancy@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Hawaii. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	1,227,024
Square Miles	6,423
Total Facilities	38
Total Forms	181
Form As	14

	Total
National Rank for Total On- and Off-site Releases*	
Rank	49
Pounds	3,066,537
National Rank for Total On-site Releases**	
Rank	49
Pounds	2,636,198
National Rank for Total Releases within State***	
Rank	49
Pounds	3,064,859
National Rank for Production-related Waste Managed	
Rank	52
Pounds	3,839,097

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

HAWAII

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-93-9	**Sulfuric acid**	**1,600,668**	**0**	**0**	**0**	**0**	**1,600,668**	**0**	**0**	**0**
—	Nitrate compounds	5	28,594	0	0	326,630	355,229	0	326,630	0
7647-01-0	**Hydrochloric acid**	**307,000**	**0**	**0**	**0**	**0**	**307,000**	**0**	**0**	**0**
7439-92-1	Lead	5	0	0	77,019	44,033	121,057	0	0	44,033
7440-50-8	**Copper**	**0**	**0**	**0**	**117,010**	**0**	**117,010**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**4.70**	**0.00**	**0.00**	**77,019.00**	**44,033.00**	**121,056.70**	**0.00**	**0.00**	**44,033.00**
—	Lead compounds	5,166.90	20.50	4.28	3.00	4,247.32	9,442.00	0.00	4,222.22	25.10
—	**Polycyclic aromatic compounds**	**1,219.27**	**253.00**	**0.00**	**0.42**	**3.00**	**1,475.69**	**0.00**	**3.00**	**0.00**
—	Mercury compounds	91.37	3.60	2.30	0.00	29.90	127.17	0.00	14.90	15.00
7439-97-6	**Mercury**	**23.00**	**0.00**	**0.00**	**0.00**	**43.00**	**66.00**	**0.00**	**0.00**	**43.00**
191-24-2	Benzo(g,h,i)perylene	0.89	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*5 109*	*0 000*	*0 000*	*0.000*	*0.904*	*6.013*	*0 000*	*0.904*	*0.000*
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

HAWAII

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	**904,156**	**6**	**0**	**0**	**0**	**0**	**904,162**	**254**	**14**
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	337,637	1	0	0	0	0	337,638	16	48
Hill Generating Station, Hilo, Hawaii	**260,154**	**0**	**0**	**0**	**0**	**0**	**260,154**	**11**	**0**
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	181,532	29,709	0	0	0	0	211,240	913	20
Maui Electric Co. Ltd. Kahului Generating Station, Kahului, Maui	**210,161**	**0**	**0**	**0**	**0**	**0**	**210,161**	**2**	**0**
U.S. Army Schofield Barracks Range Facility, Schofield Barracks, Honolulu	237	0	0	0	0	124,879	125,116	0	0
Hawaiian Electric Inds. Puna Generating Station, Keaau, Hawaii	**110,155**	**0**	**0**	**0**	**0**	**0**	**110,155**	**0**	**0**
Ball Metal Beverage Container Corp., Kapolei, Honolulu	85,921	0	0	0	0	0	85,921	0	0
Tosco Honolulu Terminal, Honolulu, Honolulu	**66,161**	**0**	**0**	**0**	**0**	**0**	**66,161**	**0**	**0**
Maalaea Generating Station, Kihei, Maui	60,184	0	0	4	0	0	60,189	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army Schofield Barracks Range Facility, Schofield Barracks, Honolulu	**237.00**	**0.00**	**0.00**	**0.00**	**0.00**	**58,855.00**	**59,092.00**	**0.00**	**0.00**
U.S. Marine Corps Base Hawaii Kaneohe Bay Range Facility, MCBH Kaneohe Bay, Hon.	0.00	0.00	0.00	0.00	0.00	7,200.00	7,200.00	0 00	0.00
U.S. Army Pohakuloa Training Area - Range Facility, Hilo, Hawaii	**466.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,764.00**	**6,230.00**	**0.00**	**0.00**
U.S. Marine Corps Base Hawaii Puuloa Training Facility, Ewa Beach, Honolulu	0.00	0.00	0.00	0.00	0.00	5,200.00	5,200.00	0.00	43,000.00
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	**1,655.51**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,656.51**	**4.00**	**14.10**
Maalaea Generating Station, Kihei, Maui	1,184.00	0.00	0.00	4.20	0.00	0.40	1,188.60	0.00	0.00
Hilo Coast Power Co., Pepeekeo, Hawaii	**704.00**	**0.40**	**0.00**	**0.00**	**0.00**	**3.00**	**707.40**	**21.50**	**0.00**
Hawaiian Electric Inds. Inc Waiau Generating Station, Pearl City, Honolulu	637.20	1.00	0.00	0.00	0.00	0.00	638.20	16.00	48.00
Kalaeloa Cogeneration Plant, Kapolei, Honolulu	**440.80**	**0.00**	**0.00**	**0.18**	**0.00**	**0.00**	**440.98**	**2.72**	**0.00**
Chevron Prods Co. Hawaii Refy., Kapolei, Honolulu	115.55	274.70	0.00	0.00	0.00	0.00	390.25	3.60	20 10

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	**0**	**0**	**0**	**0**	**0**	**0**	**904,675**	**904,675**	**0**
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	0	0	0	0	0	0	337,702	337,702	0
U.S. Army Schofield Barracks, Schofield Barracks, Honolulu	**0**	**20,720**	**0**	**0**	**0**	**0**	**326,667**	**347,387**	**0**
Hill Generating Station, Hilo, Hawaii	0	0	0	0	0	0	260,165	260,165	0
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	**0**	**0**	**0**	**0**	**248,718**	**1,058**	**213,229**	**463,005**	**9**
Maui Electric Co. Ltd. Kahului Generating Station, Kahului, Maui	0	0	0	0	0	0	210,163	210,163	0
AES Hawaii Inc., Kapolei, Honolulu	**0**	**0**	**0**	**0**	**0**	**0**	**128,817**	**128,817**	**0**
U.S. Army Schofield Barracks Range Facility, Schofield Barracks, Honolulu	0	0	0	0	0	0	125,116	125,116	0
Hawaiian Electric Inds. Puna Generating Station, Keaau, Hawaii	**0**	**0**	**0**	**0**	**0**	**0**	**110,155**	**110,155**	**0**
Ball Metal Beverage Container Corp., Kapolei, Honolulu	0	0	0	14	82,000	0	86,022	168,036	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
U.S. Army Schofield Barracks Range Facility, Schofield Barracks, Honolulu	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**59,092.00**	**59,092.00**	**0.00**
U.S. Marine Corps Base Hawaii Puuloa Training Facility, Ewa Beach, Honolulu	0.00	0.00	0.00	0.00	0.00	0.00	48,200.00	48,200.00	0.00
U.S. Marine Corps Base Hawaii Kaneohe Bay Range Facility, MCBH Kaneohe Bay, Honolulu	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7,200.00**	**7,200.00**	**0.00**
U.S. Army Pohakuloa Training Area - Range Facility, Hilo, Hawaii	0.00	0.00	0.00	0.00	0.00	0.00	6,230.00	6,230.00	0.00
AES Hawaii Inc., Kapolei, Honolulu	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4,179.00**	**4,179.00**	**0.00**
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	0.00	0.00	0.00	0.00	0.00	0.00	1,675.00	1,675.00	0.00
Maalaea Generating Station, Kihei, Maui	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,188.00**	**1,188.00**	**0.00**
U.S. Navy Pearl Harbor Naval Complex, Pearl Harbor, Honolulu	2.00	16,830.00	0.00	0.00	0.00	0.00	1,029.00	17,861.00	0.00
Hilo Coast Power Co., Pepeekeo, Hawaii	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**729.00**	**729.00**	**0.00**
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	0.00	0.00	0.00	0.00	0.00	0.00	702.00	702.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

2001 Toxics Release Inventory

IDAHO

Reported Releases and Other Waste Management Activities (in pounds)

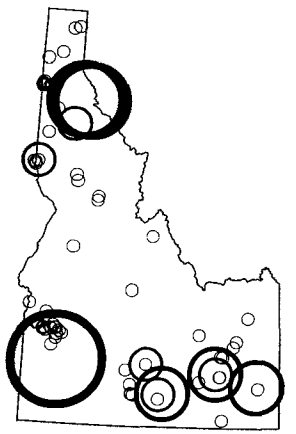
	Total
On-site Releases	73,818,976
Air Emissions	5,000,464
Surface Water Discharges	5,821,110
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	33,341,745
Other On-site Land Releases	29,655,656
Off-site Releases (Transfers Off-site to Disposal)*	1,362,893
Total On- and Off-site Releases	**75,181,868**
Recycled On-site	3,605,397
Recycled Off-site	2,170,398
Energy Recovery On-site	1,460,012
Energy Recovery Off-site	65,714
Treated On-site	25,599,902
Treated Off-site**	1,168,130
Quantity Released On- and Off-site***	72,545,710
Total Production-related Waste Managed	**106,615,263**
Non-production-related Waste Managed	**1,892,372**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	2,170,685
Energy Recovery	51,548
Treatment	79,978
Publicly Owned Treatment Works (POTWs)	925,655
Metals and Metal Category Compounds*	601
Non-metal TRI Chemicals**	925,054
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,400,692
Total Transfers Off-site for Further Waste Management, including Disposal	**4,628,559**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions

**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Idaho. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,320,585
Square Miles	82,751
Total Facilities	92
Total Forms	293
Form As	29

	Total
National Rank for Total On- and Off-site Releases*	
Rank	23
Pounds	75,181,868
National Rank for Total On-site Releases**	
Rank	21
Pounds	73,818,976
National Rank for Total Releases within State***	
Rank	19
Pounds	105,166,521
National Rank for Production-related Waste Managed	
Rank	40
Pounds	106,615,263

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

For More Information . . .

State Contact
Bill Bishop
4040 Guard Street, Bldg. 600
Boise, ID 83705-5004
(208) 422-5725
Fax: (208) 442-4485
bbishop@bds.state.id.us

EPA Regional Contact
Christina Colt
USEPA Region 10 (WCM-128)
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-4016
colt.christina@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

IDAHO

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7440-66-6	**Zinc (fume or dust)**	**6,933**	**0**	**0**	**24,925,639**	**550**	**24,933,122**	**0**	**0**	**550**
—	Manganese compounds	1,570	85,109	0	15,690,799	5	15,777,483	2,776,378	0	5
—	**Nitrate compounds**	**0**	**5,646,222**	**0**	**1,058,932**	**1,097,005**	**7,802,159**	**190**	**1,097,005**	**0**
—	Zinc compounds	41,262	2,320	0	5,233,884	4,659	5,282,125	24,220,182	4,654	5
7439-92-1	**Lead**	**1,154**	**7**	**0**	**3,506,394**	**65,376**	**3,572,931**	**3**	**467**	**64,911**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**1,154.36**	**7.00**	**0.00**	**3,506,394.45**	**65,375.68**	**3,572,931.49**	**2.60**	**467.30**	**64,911.38**
—	Lead compounds	960.61	1,287.98	0.00	3,437,057.90	6,759.00	3,446,065.49	2,483,945.98	14,510.17	6,721.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**1.66**	**0.00**	**0.00**	**6,097.00**	**0.00**	**6,098.66**	**0.00**	**0.00**	**0.00**
—	Mercury compounds	620.00	0.00	0.00	3,798.00	0.00	4,418.00	168.80	0.00	0.00
7439-97-6	**Mercury**	**23.74**	**0.00**	**0.00**	**447.79**	**0.00**	**471.53**	**2.30**	**0.00**	**0.00**
—	Polycyclic aromatic compounds	160.00	22.00	0.00	83.00	0.30	265.30	0.30	0.30	0.00
8001-35-2	**Toxaphene**	**0.53**	**0.00**	**0.00**	**52.09**	**0.00**	**52.62**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	1.30	5.40	0.00	6.80	0.00	13.50	0.02	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.01**	**0.00**	**0.01**	**0.14**	**0.16**	**0.00**	**0.00**	**0.14**
—	*Dioxin and dioxin-like compounds (in grams)*	*1.695*	*4.178*	*0 000*	*5.766*	*61.510*	*73.148*	*0.000*	*0.000*	*61.510*
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

IDAHO

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
US Ecology Idaho Inc., Grand View, Owyhee	**9,149**	**0**	**0**	**0**	**33,341,745**	**0**	**33,350,894**	**0**	**0**
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	354	3,689	0	0	0	13,375,630	13,379,673	0	0
Coeur Silver Valley, Wallace, Shoshone	**229**	**2,520**	**0**	**0**	**0**	**7,644,681**	**7,647,430**	**0**	**0**
J. R. Simpolot Co. Heyburn Food Group, Heyburn, Minidoka	3,220	3,259,883	0	0	0	0	3,263,103	0	0
P4 Production L.L.C., Soda Springs, Caribou	**236,535**	**481**	**0**	**0**	**0**	**2,858,670**	**3,095,686**	**0**	**0**
Astaris Idaho L.L.C., Pocatello, Bannock	99,841	205	0	0	0	2,365,594	2,465,640	0	40
McCain Foods USA, Burley, Cassia	**10,901**	**2,095,088**	**0**	**0**	**0**	**0**	**2,105,989**	**0**	**0**
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	1,181,310	165,692	0	0	0	370,464	1,717,467	0	20
U.S. EPA Fund-Lead Superfund Site/Bunker Hill CTP, Kellogg, Shoshone	**0**	**6,387**	**0**	**0**	**0**	**1,531,103**	**1,537,490**	**0**	**0**
Amalgamated Sugar Co. L.L.C., Paul, Minidoka	1,194,828	0	0	0	0	23,908	1,218,736	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
US Ecology Idaho Inc., Grand View, Owyhee	**970.30**	**0.00**	**0.00**	**0.00**	**3,509,759.09**	**0.00**	**3,510,729.39**	**0.00**	**0.00**
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	236.00	632.00	0.00	0.00	0.00	3,221,904.00	3,222,772.00	0.00	0.00
Coeur Silver Valley, Wallace, Shoshone	**5.00**	**13.98**	**0.00**	**0.00**	**0.00**	**125,678.00**	**125,696.98**	**0.00**	**0.00**
P4 Production L.L.C., Soda Springs, Caribou	979.00	183.00	0.00	0.00	0.00	50,130.00	51,292.00	0.00	0.00
J. R. Simplot Co. Don Siding, Pocatello, Power	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**31,750.00**	**31,750.00**	**0.00**	**0.00**
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	230.30	187.41	0.00	0.00	0.00	3,989.81	4,407.52	0.00	20.00
U.S. EPA Fund-Lead Superfund Site/Bunker Hill CTP, Kellogg, Shoshone	**0.00**	**296.00**	**0.00**	**0.00**	**0.00**	**2,971.00**	**3,267.00**	**0.00**	**0.00**
U.S. DOE Idaho Natl. Eng. & Environmental Lab, Scovill, Butte	27.77	0.00	0.00	0.00	0.00	2,294.00	2,321.77	0.00	60,730 52
Boise Cascade Corp. Emmett Complex, Emmett, Gem	**70.67**	**0.00**	**0.00**	**0.00**	**0.00**	**1,580.00**	**1,650.67**	**0.17**	**0.00**
Nu-West Inds. Inc., Soda Springs, Caribou	0.00	0.00	0.00	0.00	0.00	802.00	802.00	0.00	0 00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

IDAHO

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
US Ecology Idaho Inc., Grand View, Owyhee	**0**	**0**	**0**	**0**	**0**	**0**	**33,341,745**	**33,341,745**	**0**
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	0	0	0	0	0	0	13,379,673	13,379,673	0
Coeur Silver Valley, Wallace, Shoshone	**0**	**0**	**0**	**0**	**0**	**0**	**7,644,757**	**7,644,757**	**0**
J. R. Simpolot Co. Heyburn Food Group, Heyburn, Minidoka	0	0	0	0	0	0	3,263,103	3,263,103	0
P4 Production L.L.C., Soda Springs, Caribou	**0**	**0**	**0**	**0**	**3,399,000**	**0**	**3,160,290**	**6,559,290**	**0**
Astaris Idaho L.L.C., Pocatello, Bannock	0	0	0	0	641,218	0	2,465,466	3,106,684	0
McCain Foods USA, Burley, Cassia	**0**	**0**	**0**	**0**	**1,615,941**	**0**	**2,105,989**	**3,721,930**	**0**
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	0	0	1,460,012	0	10,042,400	0	1,709,744	13,212,156	24
Amalgamated Sugar Co. L.L.C., Paul, Minidoka	**0**	**0**	**0**	**0**	**0**	**0**	**1,218,736**	**1,218,736**	**0**
J. R. Simplot Co. Don Siding, Pocatello, Power	0	29,005	0	0	6,012,333	126,045	749,584	6,916,967	7,800

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
US Ecology Idaho Inc., Grand View, Owyhee	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,509,759.00**	**3,509,759.00**	**0.00**
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	0.00	0.00	0.00	0.00	0.00	0.00	3,222,772.00	3,222,772.00	0.00
Coeur Silver Valley, Wallace, Shoshone	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**125,678.00**	**125,678.00**	**0.00**
U.S. DOE Idaho Natl. Eng. & Environmental Lab, Scovill, Butte	0.00	160,666.00	0.00	0.00	0.00	0.00	63,052.00	223,718.00	0.00
P4 Production L.L.C., Soda Springs, Caribou	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50,750.00**	**50,750.00**	**0.00**
J. R. Simplot Co. Don Siding, Pocatello, Power	0.00	0.00	0.00	0.00	0.00	0.00	31,750.00	31,750.00	0.00
Ammunition Accessories Inc. Southport Operation, Lewiston, Nez Perce	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12,530.00**	**12,530.00**	**0.00**
Plexus Corp. Nid, Nampa, Canyon	0.00	21,504.00	0.00	0.00	0.00	0.00	6,577.00	28,081.00	0.00
Jabil Circuit Inc., Meridian, Ada	**0.00**	**5,179.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,924.00**	**11,102.00**	**0.00**
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	0.00	0.00	0.00	0.00	0.00	0.00	4,484.00	4,484.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

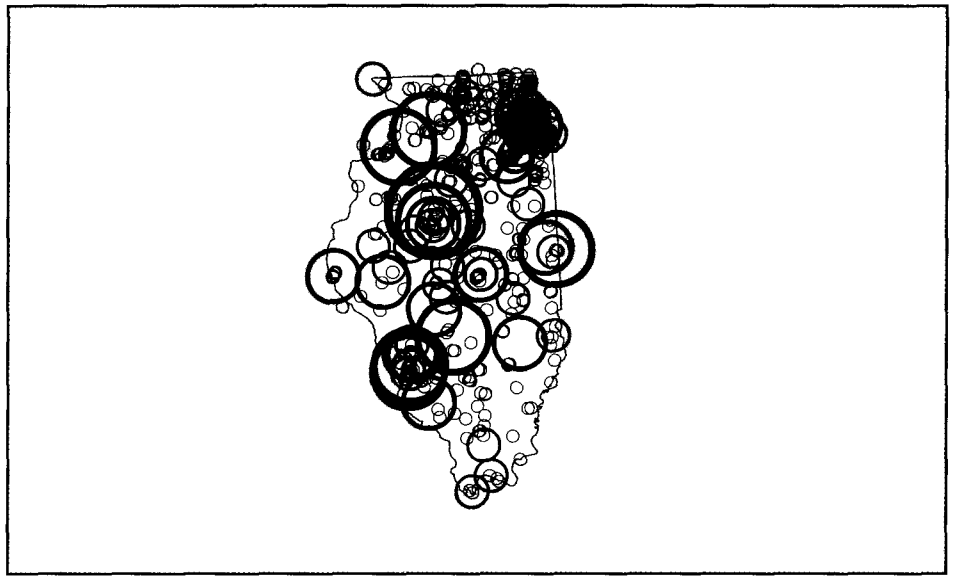
2001 Toxics Release Inventory

ILLINOIS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	112,252,445
Air Emissions	59,411,352
Surface Water Discharges	8,087,041
Underground Injection Class I Wells	327
Underground Injection Class II-V Wells	2,172
On-site Land Releases to RCRA Subtitle C Landfills	24,623,694
Other On-site Land Releases	20,127,859
Off-site Releases (Transfers Off-site to Disposal)*	25,496,565
Total On- and Off-site Releases	**137,749,010**
Recycled On-site	1,348,544,000
Recycled Off-site	102,625,703
Energy Recovery On-site	37,420,571
Energy Recovery Off-site	29,460,078
Treated On-site	225,908,101
Treated Off-site**	22,002,704
Quantity Released On- and Off-site***	146,988,389
Total Production-related Waste Managed	**1,912,949,546**
Non-production-related Waste Managed	**545,619**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	104,698,361
Energy Recovery	29,281,969
Treatment	9,009,121
Publicly Owned Treatment Works (POTWs)	9,949,537
Metals and Metal Category Compounds*	169,585
Non-metal TRI Chemicals**	9,779,952
Other Off-site Transfers****	111,995
Transfers Off-site to Disposal *(not including metals to POTWs)*	35,614,281
Total Transfers Off-site for Further Waste Management, including Disposal	**188,665,264**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases; e.g releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Illinois All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	12,520,227
Square Miles	55,593
Total Facilities	1,376
Total Forms	5,113
Form As	690

	Total
National Rank for Total On- and Off-site Releases*	
Rank	12
Pounds	137,749,010
National Rank for Total On-site Releases**	
Rank	16
Pounds	112,252,445
National Rank for Total Releases within State***	
Rank	9
Pounds	163,175,756
National Rank for Production-related Waste Managed	
Rank	3
Pounds	1,912,949,546

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Angela Tin
P.O. Box 19276
Springfield, IL 62794-9276
(217) 782-1657
Fax: (217) 785-1312
angela.tin@epa.state.il.us

EPA Regional Contact
Thelma Codina
USEPA Region 5 (DT-8J)
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886- 6219
codina.thelma@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

ILLINOIS

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds**	**441,009**	**14,881**	**327**	**23,396,088**	**6,990,509**	**30,842,814**	**9,663,188**	**12,293,479**	**1,124,102**
7647-01-0	Hydrochloric acid	13,990,846	0	2,172	0	0	13,993,018	0	0	0
—	**Manganese compounds**	**93,214**	**25,760**	**0**	**6,324,253**	**3,821,994**	**10,265,221**	**1,845,941**	**4,583,453**	**73,749**
—	Nitrate compounds	4,878	7,770,284	0	300,104	264,255	8,339,521	12,783	263,500	755
110-54-3	**n-Hexane**	**7,762,913**	**68**	**0**	**180**	**4,633**	**7,767,794**	**3,113**	**1,046**	**3,587**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**29,155.85**	**4,738.01**	**0.00**	**1,898,078.32**	**538,619.80**	**2,470,591.98**	**1,722,080.88**	**849,496.02**	**182,563.90**
7439-92-1	Lead	20,551.75	697.63	0.00	26,239.00	258,293.45	305,781.85	93,112.74	228,567.83	158,702.87
—	**Mercury compounds**	**4,863.84**	**13.77**	**0.00**	**1,864.52**	**61,474.24**	**68,216.37**	**8,420.33**	**7,128.23**	**54,605.89**
—	Polycyclic aromatic compounds	17,070.34	33.10	0.00	2,259.59	23,844.82	43,207.86	851.72	22,357.45	1,487.37
1582-09-8	**Trifluralin**	**29.86**	**0.00**	**0.00**	**0.00**	**1,396.34**	**1,426.20**	**0.00**	**685.62**	**710.72**
40487-42-1	Pendimethalin	43.84	0.00	0.00	0.00	1,301.91	1,345.75	0.00	639.25	662.66
191-24-2	**Benzo(g,h,i)perylene**	**315.43**	**25.00**	**0.00**	**0.00**	**988.89**	**1,329.31**	**91.48**	**976.69**	**12.20**
7439-97-6	Mercury	1,110.37	2.20	0.00	4.00	147.11	1,263.68	881.19	118.33	28.78
79-94-7	**Tetrabromobisphenol A**	**239.00**	**1.00**	**0.00**	**0.00**	**0.00**	**240.00**	**0.00**	**0.00**	**0.00**
72-43-5	Methoxychlor	0.64	0.00	0.00	0.00	29.96	30.60	26.00	14.71	15.25
57-74-9	**Chlordane**	**0.61**	**0.00**	**0.00**	**0.00**	**28.18**	**28.79**	**32.00**	**13.84**	**14.34**
76-44-8	Heptachlor	0.17	0.00	0.00	0.00	8.07	8.24	6.00	3.96	4.11
118-74-1	**Hexachlorobenzene**	**0.17**	**0.00**	**0.00**	**0.00**	**7.76**	**7.93**	**0.00**	**3.81**	**3.95**
608-93-5	Pentachlorobenzene	0.10	0.00	0.00	0.00	4.49	4.59	0.00	2.20	2.29
309-00-2	**Aldrin**	**0.02**	**0.00**	**0.00**	**0.00**	**1.06**	**1.08**	**0.00**	**0.52**	**0.54**
8001-35-2	Toxaphene	0.02	0.00	0.00	0.00	0.90	0.92	0.00	0.44	0.46
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.01**	**0.00**	**0.00**	**0.00**	**0.49**	**0.50**	**47.00**	**0.24**	**0.25**
—	Dioxin and dioxin-like compounds	0.06	0.00	0.00	0.00	0.08	0.14	0.00	0.00	0.08
—	***Dioxin and dioxin-like compounds (in grams)***	***29.297***	***0.040***	***0.000***	***0.000***	***34.680***	***64.017***	***0.172***	***0.000***	***34.680***
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

ILLINOIS

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Peoria Disposal Co. #1, Peoria, Peoria	**2,350**	**1**	**0**	**0**	**19,602,662**	**0**	**19,605,013**	**8**	**4**
Granite City Steel, Granite City, Madison	150,260	170,951	0	0	0	5,458,858	5,780,070	0	4
Ameren Energy Generating Coffeen Power Station, Coffeen, Montgomery	**4,295,921**	**1,097**	**0**	**0**	**0**	**0**	**4,297,018**	**410,878**	**0**
AES Edwards c/o Cilco, Bartonville, Peoria	2,718,210	0	0	0	0	889,050	3,607,260	0	0
Teepak LLC., Danville, Vermilion	**3,519,600**	**0**	**0**	**0**	**0**	**0**	**3,519,600**	**0**	**0**
Northwestern Steel & Wire Co., Sterling, Whiteside	27,865	9,140	0	0	2,753,000	639,400	3,429,405	61,230	0
Big River Zinc Corp., Sauget, St Clair	**195,748**	**0**	**0**	**0**	**2,259,002**	**941,050**	**3,395,800**	**2,283,621**	**935,425**
IBP Inc., Joslin, Rock Island	49,080	3,200,750	0	0	0	0	3,249,830	30,685	505
Vermilion Power Station, Oakwood, Vermilion	**2,417,123**	**8,408**	**0**	**0**	**0**	**170,030**	**2,595,561**	**0**	**0**
Tosco Wood River Refy., Roxana, Madison	2,031,946	107,085	0	0	0	0	2,139,031	41,604	6,382

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Peoria Disposal Co. #1, Peoria, Peoria	**111.00**	**0.00**	**0.00**	**0.00**	**1,373,262.00**	**0.00**	**1,373,373.00**	**0.00**	**0.00**
Northwestern Steel & Wire Co , Sterling, Whiteside	1,210.00	83.00	0.00	0.00	127,000.00	1,400.00	129,693.00	2,500.00	0.00
Freeman United Coal Mining Co. Crown 3 Mine, Farmersville, Montgomery	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**84,504.00**	**84,504.00**	**0.00**	**0.00**
AES Edwards c/o Cilco, Bartonville, Peoria	864.01	0.00	0.00	0.00	0.00	73,417.00	74,281.01	0.00	0.00
Freeman United Coal Mining Co. Industry Mine, Industry, Mc Donough	**4.90**	**0.00**	**0.00**	**0.00**	**0.00**	**72,830.00**	**72,834.90**	**0.00**	**0.00**
Keystone Steel & Wire Co., Peoria, Peoria	5,551.00	140.00	0.00	0.00	0.00	43,048.00	48,739.00	450,001.00	4,000.00
Williams Ethanol Services Inc., Pekin, Tazewell	**90.33**	**0.00**	**0.00**	**0.00**	**0.00**	**26,027.62**	**26,117.95**	**2,865.95**	**0.00**
Granite City Steel, Granite City, Madison	6,588.00	232.20	0.00	0.00	0 00	18,448.30	25,268.50	0.00	0.20
Big River Zinc Corp., Sauget, St Clair	**1,301.00**	**0.00**	**0.00**	**0.00**	**379.00**	**17,019.00**	**18,699.00**	**17,019.00**	**382.00**
Wood River Power Station, Alton, Madison	220.40	81.00	0.00	0.00	0.00	14,044.00	14,345.40	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Peoria Disposal Co. #1, Peoria, Peoria	**0**	**0**	**0**	**0**	**0**	**0**	**19,602,662**	**19,602,662**	**0**
Keystone Steel & Wire Co., Peoria, Peoria	0	150,000	0	0	0	0	8,285,099	8,435,099	419
Granite City Steel, Granite City, Madison	**0**	**0**	**0**	**0**	**5,211,700**	**17**	**5,777,829**	**10,989,546**	**795**
Ameren Energy Generating Coffeen Power Station, Coffeen, Montgomery	0	0	0	0	2,410,000	0	4,705,750	7,115,750	0
AES Edwards c/o Cilco, Bartonville, Peoria	**0**	**0**	**0**	**0**	**728,948**	**0**	**3,607,259**	**4,336,207**	**0**
Northwestern Steel & Wire Co., Sterling, Whiteside	0	0	0	0	60,000	0	3,540,100	3,600,100	0
Teepak LLC., Danville, Vermilion	**0**	**0**	**0**	**0**	**0**	**45,400**	**3,519,600**	**3,565,000**	**0**
Acme Steel Co. Riverdale Plant, Riverdale, Cook	0	0	0	0	0	0	3,417,951	3,417,951	0
Big River Zinc Corp., Sauget, St Clair	**0**	**0**	**0**	**0**	**0**	**0**	**3,396,071**	**3,396,071**	**0**
IBP Inc., Joslin, Rock Island	0	0	0	0	331,400	0	3,236,510	3,567,910	1,800

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Peoria Disposal Co. #1, Peoria, Peoria	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,373,262.00**	**1,373,262.00**	**0.00**
Keystone Steel & Wire Co., Peoria, Peoria	0.00	150,000.00	0.00	0.00	0.00	0.00	500,099.00	650,099.00	249.00
Clean Harbors Services Inc., Chicago, Cook	**0.00**	**521,665.00**	**0.00**	**0.00**	**0.00**	**0.00**	**191,440.00**	**713,104.00**	**0.00**
Envirite of Illinois Inc., Harvey, Cook	0.00	50,000.00	0.00	0.00	0.00	0.00	175,580.00	225,580.00	0.00
Mueller Co. Plant 4, Decatur, Macon	**0.00**	**63,562.00**	**0.00**	**0.00**	**0.00**	**0.00**	**139,304.00**	**202,866.00**	**0.00**
U.S. DOE Argonne Natl. Laboratory - East Site, Argonne, Du Page	0.00	2,308.00	0.00	0.00	0.00	0.00	137,320.00	139,628.00	0.00
Northwestern Steel & Wire Co., Sterling, Whiteside	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**130,000.00**	**130,000.00**	**0.00**
Freeman United Coal Mining Co. Crown 3 Mine, Farmersville, Montgomery	0.00	0.00	0.00	0.00	0.00	0.00	84,504.00	84,504.00	0.00
AES Edwards c/o Cilco, Bartonville, Peoria	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**74,282.00**	**74,282.00**	**0.00**
Acme Steel Co. Riverdale Plant, Riverdale, Cook	0.00	0.00	0.00	0.00	0.00	0.00	73,938.00	73,938.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

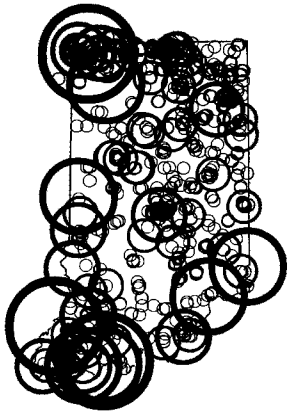
2001 Toxics Release Inventory

INDIANA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	129,089,222
Air Emissions	77,828,675
Surface Water Discharges	20,104,003
Underground Injection Class I Wells	1,074,584
Underground Injection Class II-V Wells	140
On-site Land Releases to RCRA Subtitle C Landfills	163,777
Other On-site Land Releases	29,918,043
Off-site Releases (Transfers Off-site to Disposal)*	76,468,560
Total On- and Off-site Releases	**205,557,782**
Recycled On-site	163,252,657
Recycled Off-site	167,198,128
Energy Recovery On-site	191,884,163
Energy Recovery Off-site	14,341,052
Treated On-site	243,043,965
Treated Off-site**	13,652,032
Quantity Released On- and Off-site***	208,328,798
Total Production-related Waste Managed	**1,001,700,794**
Non-production-related Waste Managed	**318,766**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	162,169,438
Energy Recovery	14,016,355
Treatment	5,313,584
Publicly Owned Treatment Works (POTWs)	8,441,476
Metals and Metal Category Compounds*	81,711
Non-metal TRI Chemicals**	8,359,764
Other Off-site Transfers****	58,057
Transfers Off-site to Disposal *(not including metals to POTWs)*	81,177,642
Total Transfers Off-site for Further Waste Management, including Disposal	**271,176,552**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code.



The largest circle in the state map represents the largest facility for on-site releases in the state of Indiana. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	6,126,743
Square Miles	35,870
Total Facilities	1,101
Total Forms	4,133
Form As	418

	Total
National Rank for Total On- and Off-site Releases*	
Rank	8
Pounds	205,557,782
National Rank for Total On-site Releases**	
Rank	10
Pounds	129,089,222
National Rank for Total Releases within State***	
Rank	8
Pounds	186,295,993
National Rank for Production-related Waste Managed	
Rank	7
Pounds	1,001,700,794

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Brian Stevens
150 West Market Street, Suite 703
Indianapolis, IN 46204
(317) 233-5433
Fax: (317) 233-5627
bstevens@dem.state.in.us

EPA Regional Contact
Thelma Codina
USEPA Region 5 (D-8J)
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886- 6219
codina.thelma@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

INDIANA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds*** **	**420,434**	**49,392**	**0**	**7,741,995**	**51,020,594**	**59,232,415**	**670,912**	**28,425,796**	**22,594,849**
7647-01-0	Hydrochloric acid	24,737,524	0	0	0	10,204	24,747,728	0	0	10,204
—	**Nitrate compounds**	**1,550**	**17,163,596**	**0**	**42,819**	**107,646**	**17,315,611**	**1,173**	**107,380**	**516**
—	Manganese compounds	144,056	58,354	5,200	6,442,087	7,020,412	13,670,109	86,072	4,476,200	2,544,212
7664-93-9	**Sulfuric acid**	**13,018,562**	**0**	**0**	**0**	**101,132**	**13,119,694**	**5,905**	**1,800**	**99,332**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds*** **	**44,676.44**	**5,257.86**	**1,439.90**	**994,989.28**	**2,795,615.92**	**3,841,979.41**	**188,978.39**	**1,968,222.60**	**835,831.20**
7439-92-1	Lead	11,292.54	861.69	0.00	9,835.92	897,664.31	919,654.46	111,286.54	258,495.24	639,174.79
—	**Polycyclic aromatic compounds**	**28,690.48**	**68.00**	**0.00**	**860.00**	**14,142.59**	**43,761.07**	**31.30**	**12,908.42**	**1,234.17**
—	Mercury compounds	6,577.87	124.95	0.40	2,852.50	1,026.96	10,582.68	537.91	778.03	388.93
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**11.17**	**0.00**	**0.00**	**2,042.00**	**118.74**	**2,171.91**	**0.00**	**0.24**	**118.50**
191-24-2	Benzo(g,h,i)perylene	877.68	21.00	0.00	0.00	318.44	1,217.12	0.20	318.44	0.00
7439-97-6	**Mercury**	**589.88**	**1.30**	**0.00**	**147.90**	**335.44**	**1,074.52**	**144.35**	**3.00**	**332.44**
79-94-7	Tetrabromobisphenol A	4.00	8.00	0.00	0.00	88.00	100.00	0.00	88.00	0.00
118-74-1	**Hexachlorobenzene**	**5.55**	**0.00**	**0.00**	**0.00**	**0.00**	**5.55**	**471.22**	**0.00**	**0.00**
72-43-5	Methoxychlor	2.00	0.00	0.00	0.00	0.00	2.00	24.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.41**	**0.00**	**0.00**	**0.27**	**0.51**	**1.19**	**0.14**	**0.37**	**0.14**
—	*Dioxin and dioxin-like compounds (in grams)*	*184.512*	*0.017*	*0.000*	*122.942*	*233.362*	*540.833*	*61.414*	*169.338*	*64.024*
309-00-2	**Aldrin**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—****	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—****	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—****	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—****	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemicals ranking is based on the amounts in this column.

*** One facility, LTV Steel in East Chicago, reported 1,040,300 pounds of surface water discharges of zinc compounds and 250,305 pounds of lead compounds in error. The correct amounts are 6,457 pounds and 155 pounds The corrections are included in these tables, but were received too late to be included in the other tables in this report.

**** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

INDIANA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
AK Steel Corp., Rockport, Spencer	**13,901**	**14,174,740**	**0**	**0**	**0**	**0**	**14,188,641**	**500,000**	**0**
USS Gary Works, Gary, Lake	829,834	3,085,808	0	0	0	10,008,910	13,924,552	211,868	144,461
PSI Energy Gibson Generating Station, Princeton, Gibson	**6,959,367**	**0**	**0**	**0**	**0**	**3,478,946**	**10,438,313**	**0**	**2**
Clifty Creek Station, Madison, Jefferson	4,676,138	8,732	0	0	0	992,715	5,677,585	0	0
Alcoa Power Generating Inc., Newburgh, Warrick	**3,998,129**	**11,044**	**0**	**0**	**0**	**915,941**	**4,925,114**	**148,875**	**0**
PSI Cayuga Generating Station, Cayuga, Vermillion	3,295,698	1,539	0	0	0	1,483,845	4,781,082	0	0
American Electic Power Rockport Plant, Rockport, Spencer	**1,966,276**	**14,231**	**0**	**0**	**0**	**2,528,399**	**4,508,906**	**0**	**1,618**
R. M. Schahfer Generating Station, Wheatfield, Jasper	1,273,718	4,972	0	0	0	2,450,490	3,729,180	0	0
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	**2,974,876**	**8,589**	**0**	**0**	**0**	**636,175**	**3,619,640**	**3,787**	**31**
PSI Energy Gallagher Generating Station, New Albany, Floyd	2,860,238	2,241	0	0	0	282,751	3,145,229	0	74

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County**	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
PSI Energy Gibson Generating Station, Princeton, Gibson	2,479.30	0.00	0.00	0.00	0.00	230,616.10	233,095.40	0.00	2.00
USS Gary Works, Gary, Lake	3,061.01	3,264.00	0.00	0.00	0.00	150,035.00	156,360.01	180,058.27	1,266.00
Merom Generating Station, Sullivan, Sullivan	829.00	0.80	0.00	0.00	0.00	120,460.00	121,289.80	0.00	0.00
PSI Cayuga Generating Station, Cayuga, Vermillion	1,522.50	0.00	0.00	0.00	0.00	67,100.00	68,622.50	0.00	0.00
Essroc Cement Corp., Logansport, Cass	393.94	0.00	0.00	0.00	0.00	54,624.00	55,017.94	83.20	6.40
Alcoa Power Generating Inc., Newburgh, Warrick	1,964.02	25.07	0.00	0.00	0.00	52,893.00	54,882.09	8,767.00	0.00
Bethlehem Steel Corp. Burns Harbor Div., Burns Harbor, Porter	7,410.83	0.00	1,300.40	0.00	0.00	36,006.90	44,718.13	0.00	33,771.24
American Electic Power Rockport Plant, Rockport, Spencer	1,706.60	251.00	0.00	0.00	0.00	28,794.00	30,751.60	0.00	76 00
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	532.00	38.00	0.00	0.00	0.00	27,130.00	27,700.00	0.00	168.00
Frank E. Ratts Generating Station, Petersburg, Pike	657.40	0.00	0.00	0.00	0.00	27,002.00	27,659 40	0.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

** One facility, LTV Steel in East Chicago, reported 250,305 pounds of surface water discharges of lead compounds (a PBT chemical) in error The correct amount is 155 pounds. The facility has been omitted from this table, but the correction was

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Steel Dynamics Inc., Butler, De Kalb	**18**	**0**	**0**	**0**	**0**	**0**	**25,914,867**	**25,914,885**	**0**
Nucor Steel, Crawfordsville, Montgomery	0	0	0	0	3,012,549	0	23,497,791	26,510,340	0
AK Steel Corp., Rockport, Spencer	**3,000,000**	**0**	**0**	**0**	**16,930,000**	**0**	**14,687,900**	**34,617,900**	**0**
USS Gary Works, Gary, Lake	10,006,589	1,062,935	57,100,000	1,774	8,521,000	0	14,264,106	90,956,404	0
PSI Energy Gibson Generating Station, Princeton, Gibson	**0**	**0**	**0**	**0**	**11,042,000**	**0**	**10,438,625**	**21,480,625**	**0**
Heritage Environmental Services L.L.C., Indianapolis, Marion	0	0	0	0	1,660,000	0	9,129,524	10,789,524	0
Clifty Creek Station, Madison, Jefferson	**0**	**0**	**0**	**0**	**1,600,000**	**0**	**5,674,473**	**7,274,473**	**0**
Alcoa Power Generating Inc., Newburgh, Warrick	0	13,684	0	0	0	0	5,073,989	5,087,673	0
PSI Cayuga Generating Station, Cayuga, Vermillion	**0**	**0**	**0**	**0**	**2,813,300**	**0**	**4,780,837**	**7,594,137**	**0**
American Electic Power Rockport Plant, Rockport, Spencer	0	56,508	0	0	6,110,000	0	4,515,407	10,681,915	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Quemetco Inc., Indianapolis, Marion	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,100,000.00**	**1,100,001.00**	**41,000.00**
Heritage Environmental Services L.L.C., Indianapolis, Marion	0.00	0.00	0.00	0.00	0.00	0.00	760,001.00	760,001.00	0.00
Exide Corp., Muncie, Delaware	**10,706,960.00**	**2,282,456.00**	**0.00**	**0.00**	**0.00**	**0.00**	**389,861.00**	**13,379,277.00**	**0.00**
USS Gary Works, Gary, Lake	45,130.00	28,027.00	0.00	190.00	4,000.00	0.00	341,460.00	418,807.00	0.00
Steel Dynamics Inc., Butler, De Kalb	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**328,926.00**	**328,926.00**	**0.00**
Nucor Steel, Crawfordsville, Montgomery	0.00	0.00	0.00	0.00	0.00	0.00	243,055.00	243,055.00	0.00
PSI Energy Gibson Generating Station, Princeton, Gibson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**233,095.00**	**233,095.00**	**0.00**
Merom Generating Station, Sullivan, Sullivan	0.00	1,200.00	0.00	0.00	0.00	0.00	120,660.00	121,860.00	0.00
Essex Group Inc. Plant #165, Jonesboro, Grant	**0.00**	**47,025.00**	**0.00**	**0.00**	**0.00**	**0.00**	**93,151.00**	**140,176.00**	**0.00**
Bethlehem Steel Corp. Burns Harbor Div., Burns Harbor, Porter	61,008.00	0.00	0.00	0.00	0.00	0.00	79,209.00	140,217.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

IOWA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	33,000,185
Air Emissions	24,332,303
Surface Water Discharges	3,145,360
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	17,600
Other On-site Land Releases	5,504,922
Off-site Releases (Transfers Off-site to Disposal)*	4,873,295
Total On- and Off-site Releases	**37,873,480**
Recycled On-site	213,121,679
Recycled Off-site	42,711,679
Energy Recovery On-site	748,473
Energy Recovery Off-site	4,134,190
Treated On-site	40,216,595
Treated Off-site**	10,570,453
Quantity Released On- and Off-site***	45,144,138
Total Production-related Waste Managed	**356,647,207**
Non-production-related Waste Managed	**222,407**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	42,720,473
Energy Recovery	4,082,181
Treatment	2,232,417
Publicly Owned Treatment Works (POTWs)	8,806,542
Metals and Metal Category Compounds*	96,565
Non-metal TRI Chemicals**	8,709,977
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	12,077,803
Total Transfers Off-site for Further Waste Management, including Disposal	**69,919,417**

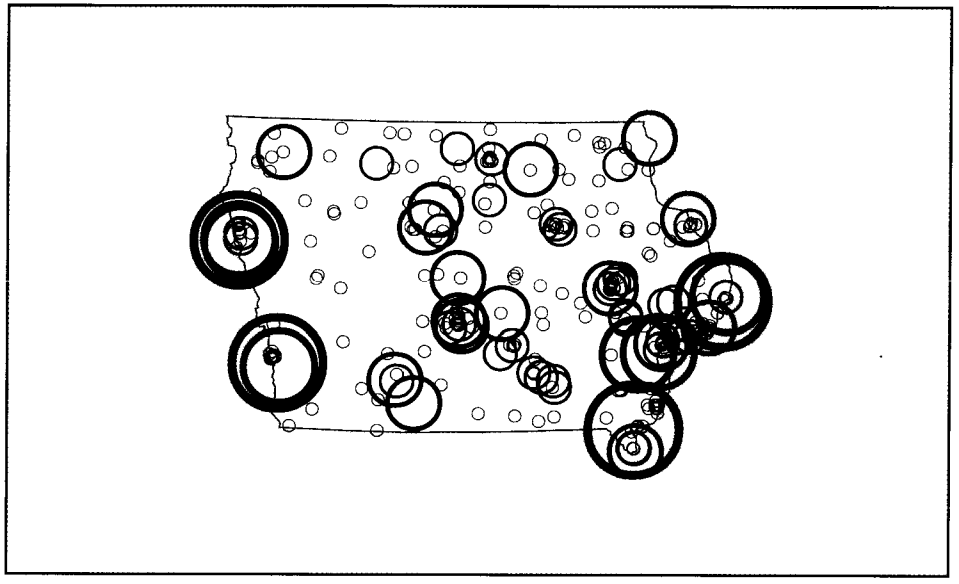
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Emergency Response Unit
401 SW 7th Street, Suite I
Des Moines, IA 50309
(515) 281-8694

EPA Regional Contact
Stephen Wurtz
USEPA Region 7 (ARTD/CRIB)
901 North 5th Street
Kansas City, KS 66101
(913) 551-7315
wurtz.stephen@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Iowa All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,931,967
Square Miles	55,875
Total Facilities	433
Total Forms	1,579
Form As	285

	Total
National Rank for Total On- and Off-site Releases*	
Rank	32
Pounds	37,873,480
National Rank for Total On-site Releases**	
Rank	30
Pounds	33,000,185
National Rank for Total Releases within State***	
Rank	33
Pounds	35,611,118
National Rank for Production-related Waste Managed	
Rank	26
Pounds	356,647,207

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

IOWA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds**	**84,368**	**5,741**	**0**	**416,906**	**6,459,304**	**6,966,319**	**30,164**	**408,638**	**6,050,666**
7664-41-7	Ammonia	4,686,900	133,403	0	3,829	166,223	4,990,355	16,130	166,223	0
—	**Barium compounds**	**109,325**	**487**	**0**	**3,507,123**	**1,288,330**	**4,905,265**	**0**	**885,131**	**541,654**
7647-01-0	Hydrochloric acid	4,245,750	0	0	0	0	4,245,750	0	0	0
110-54-3	**n-Hexane**	**4,153,391**	**317**	**0**	**0**	**0**	**4,153,708**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**20,666.26**	**2,059.77**	**0.00**	**139,751.30**	**699,009.17**	**861,486.50**	**20.53**	**18,861.54**	**685,797.53**
7439-92-1	Lead	11,111.57	21 11	0.00	7,004.96	78,763.81	96,901.44	7.00	2,204.92	76,558.99
—	**Polycyclic aromatic compounds**	**24,243.25**	**0.00**	**0.00**	**0.00**	**5,577.40**	**29,820.65**	**50.34**	**5,577.40**	**0.00**
—	Mercury compounds	2,339.53	6.13	0.00	108.70	493.99	2,948.35	0.00	213.09	286.10
40487-42-1	**Pendimethalin**	**843.00**	**0.00**	**0.00**	**0.00**	**0.00**	**843.00**	**0.00**	**0.00**	**0.00**
1582-09-8	Trifluralin	492.00	0.00	0.00	0.00	0.00	492.00	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**380.01**	**0.00**	**0.00**	**0.00**	**36.60**	**416.61**	**2.47**	**36.60**	**0.00**
7439-97-6	Mercury	373.44	0.00	0.00	16.91	11.17	401.52	0.00	6.00	5.17
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**257.00**	**257.00**	**0.00**	**0.00**	**257.00**
118-74-1	Hexachlorobenzene	11.80	0.00	0.00	0.00	0.00	11.80	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.08**	**0.00**	**0.00**	**0.00**	**0.00**	**0.09**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*38.179*	*0 000*	*0.000*	*0 000*	*0.831*	*39.010*	*0.000*	*0.831*	*0.000*
309-00-2	**Aldrin**	**—*** **	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—*** **	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	**—*** **	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—*** **	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	**Toxaphene**	**—*** **	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

IOWA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Climax Molybdenum Co., Fort Madison, Lee	**2,795,006**	**4,776**	**0**	**0**	**0**	**1,029**	**2,800,811**	**0**	**0**
Midamerican Energy Co. Council Bluffs Energy Center, Council Bluffs, Pottawattamie	583,672	588	0	0	0	1,506,029	2,090,290	0	0
Midamerican Energy Co. George Neal North, Sergeant Bluff, Woodbury	**603,307**	**876**	**0**	**0**	**0**	**1,397,260**	**2,001,443**	**0**	**277**
Equistar Chemicals L.P. Clinton Plant, Clinton, Clinton	1,873,540	0	0	0	0	0	1,873,540	96	37,400
Midamerican Energy Co. - Louisa Generating Station, Muscatine, Louisa	**409,581**	**271**	**0**	**0**	**0**	**1,107,482**	**1,517,334**	**0**	**0**
IBP Inc., Columbus Junction, Louisa	18,115	1,370,500	0	0	0	220	1,388,835	9,149	250
Midamerican Energy Co. George Neal South, Salix, Woodbury	**430,804**	**0**	**0**	**0**	**0**	**831,112**	**1,261,916**	**0**	**0**
ADM Corn Processing, Clinton, Clinton	1,211,266	49,069	0	0	0	150	1,260,485	181,512	4
Terra Nitrogen, Sergeant Bluff, Woodbury	**976,270**	**119,505**	**0**	**0**	**0**	**250**	**1,096,025**	**0**	**0**
Bunge N.A. Inc., Council Bluffs, Pottawattamie	922,048	0	0	0	0	0	922,048	35,000	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Midamerican Energy Co. Council Bluffs Energy Center, Council Bluffs, Pottawattamie	1,883.30	0.00	0.00	0.00	0.00	37,421.30	39,304.60	0.00	0.00
Midamerican Energy Co. George Neal North, Sergeant Bluff, Woodbury	1,876.30	0.00	0.00	0.00	0.00	33,625.50	35,501.80	0.20	0.00
Midamerican Energy Co. - Louisa Generating Station, Muscatine, Louisa	1,464.40	15.70	0.00	0.00	0.00	27,201.20	28,681.30	0.00	0.00
Midamerican Energy Co. George Neal South, Salix, Woodbury	1,447.60	0.00	0.00	0.00	0.00	21,649.30	23,096.90	0.00	0.00
AG Processing Inc. A Cooperative, Manning, Carroll	21,220.00	0.00	0.00	0.00	0.00	0.00	21,220.00	0.00	0.00
Lehigh Portland Cement Co., Mason City, Cerro Gordo	728.17	0.00	0.00	0.00	0.00	11,135.00	11,863.17	6.91	0.00
Griffin Pipe Prods. Co., Council Bluffs, Pottawattamie	7,493.00	8.00	0.00	0.00	0.00	0.00	7,501.00	0.00	56,117.00
Lafarge N.A., Buffalo, Scott	73.60	0.00	0.00	0.00	0.00	5,721.40	5,795.00	0.00	0.00
Griffin Wheel Co. Keokuk Plant, Keokuk, Lee	1,170.00	0.00	0.00	0.00	0.00	2,700.00	3,870.00	0.00	15,114.00
Grain Processing Corp., Muscatine, Muscatine	3,340.00	0.00	0.00	0.00	0.00	0.00	3,340.00	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

IOWA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Ipsco Steel Inc., Muscatine, Muscatine	**0**	**0**	**0**	**0**	**0**	**0**	**7,103,728**	**7,103,728**	**0**
Climax Molybdenum Co., Fort Madison, Lee	0	0	0	0	1,000,000	0	2,840,061	3,840,061	0
Midamerican Energy Co. Council Bluffs Energy Center, Council Bluffs, Pottawattamie	**0**	**0**	**0**	**0**	**0**	**0**	**2,090,290**	**2,090,290**	**0**
Midamerican Energy Co. George Neal North, Sergeant Bluff, Woodbury	0	0	0	0	0	0	2,001,720	2,001,720	0
Equistar Chemicals L.P. Clinton Plant, Clinton, Clinton	**0**	**0**	**0**	**915,916**	**6,867,649**	**51,384**	**1,886,653**	**9,721,602**	**0**
Midamerican Energy Co. - Louisa Generating Station, Muscatine, Louisa	0	0	0	0	0	0	1,517,335	1,517,335	0
ADM Corn Processing, Clinton, Clinton	**0**	**0**	**0**	**0**	**245,290**	**0**	**1,441,403**	**1,686,693**	**0**
IBP Inc., Columbus Junction, Louisa	0	0	0	0	86,000	0	1,428,010	1,514,010	18
Midamerican Energy Co. George Neal South, Salix, Woodbury	**0**	**0**	**0**	**0**	**0**	**0**	**1,261,915**	**1,261,915**	**0**
Terra Nitrogen, Sergeant Bluff, Woodbury	1,788,000	0	0	0	0	0	1,092,040	2,880,040	7,800

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Ipsco Steel Inc., Muscatine, Muscatine	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**548,386.00**	**548,386.00**	**0.00**
North Star Recycling, Wiltonjunction, Muscatine	0.00	0.00	0.00	0.00	0.00	0.00	91,425.00	91,425.00	0.00
Griffin Pipe Prods. Co., Council Bluffs, Pottawattamie	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**63,623.00**	**63,623.00**	**0.00**
Midamerican Energy Co. Council Bluffs Energy Center, Council Bluffs, Pottawattamie	0.00	0.00	0.00	0.00	0.00	0.00	39,305.00	39,305.00	0.00
Midamerican Energy Co. George Neal North, Sergeant Bluff, Woodbury	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**35,502.00**	**35,502.00**	**0.00**
Midamerican Energy Co. - Louisa Generating Station, Muscatine, Louisa	0.00	0.00	0.00	0.00	0.00	0.00	28,682.00	28,682.00	0.00
Midamerican Energy Co. George Neal South, Salix, Woodbury	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**23,097.00**	**23,097.00**	**0.00**
AG Processing Inc. A Cooperative, Manning, Carroll	0.00	0.00	0.00	0.00	0.00	0.00	21,220.00	21,220.00	0.00
Nulex Inc., Sergeant Bluff, Woodbury	**8,300.00**	**0.00**	**0.00**	**0.00**	**19,250.00**	**0.00**	**19,250.00**	**46,800.00**	**0.00**
Griffin Wheel Co. Keokuk Plant, Keokuk, Lee	53.00	6,373.00	0.00	0.00	0.00	0.00	18,984.00	25,410.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

KANSAS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	24,859,255
Air Emissions	14,768,804
Surface Water Discharges	1,149,296
Underground Injection Class I Wells	558,721
Underground Injection Class II-V Wells	500
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	8,381,934
Off-site Releases (Transfers Off-site to Disposal)*	6,807,335
Total On- and Off-site Releases	**31,666,590**
Recycled On-site	64,249,515
Recycled Off-site	30,853,868
Energy Recovery On-site	31,460,150
Energy Recovery Off-site	4,798,455
Treated On-site	34,519,541
Treated Off-site**	43,288,598
Quantity Released On- and Off-site***	31,315,170
Total Production-related Waste Managed	**240,485,297**
Non-production-related Waste Managed	**129,439**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	31,809,445
Energy Recovery	4,675,837
Treatment	514,531
Publicly Owned Treatment Works (POTWs)	43,251,679
Metals and Metal Category Compounds*	17,747
Non-metal TRI Chemicals**	43,233,932
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,026,089
Total Transfers Off-site for Further Waste Management, including Disposal	**87,277,581**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions

**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Scott Bangert
1000 SW Jackson, Suite 310
Topeka, KS 66612-1366
(785) 296-1689
Fax: (785) 296-1545
sbangert@kdhe.state.ks.us

EPA Regional Contact
Stephen Wurtz
USEPA Region 7 (ARTD/CRIB)
901 North 5th Street
Kansas City, KS 66101
(913) 551- 7315
wurtz.stephen@epa.gov

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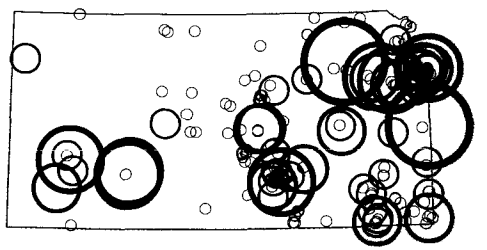

The largest circle in the state map represents the largest facility for on-site releases in the state of Kansas. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,702,125
Square Miles	81,823
Total Facilities	302
Total Forms	1,151
Form As	136

	Total
National Rank for Total On- and Off-site Releases*	
Rank	36
Pounds	31,666,590
National Rank for Total On-site Releases**	
Rank	36
Pounds	24,859,255
National Rank for Total Releases within State***	
Rank	37
Pounds	26,133,737
National Rank for Production-related Waste Managed	
Rank	30
Pounds	240,485,297

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

KANSAS

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Barium compounds**	**67,681**	**1,100**	**0**	**5,107,594**	**1,385**	**5,177,760**	**2,317**	**1,080**	**305**
—	Nitrate compounds	495	1,091,241	32,826	383,604	2,380,464	3,888,630	0	7,323	2,373,141
7664-41-7	**Ammonia**	**3,285,064**	**36,461**	**22,555**	**270,459**	**42,129**	**3,656,668**	**0**	**42,113**	**16**
75-15-0	Carbon disulfide	1,365,584	15,366	0	0	0	1,380,950	0	0	0
108-88-3	**Toluene**	**928,535**	**510**	**0**	**41**	**397,099**	**1,326,185**	**392**	**222**	**396,877**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**15,441.61**	**28.98**	**0.00**	**77,589.50**	**28,982.97**	**122,043.06**	**15,559.50**	**21,948.00**	**7,034.96**
7439-92-1	Lead	16,475.26	0.00	0.00	35,079.00	18,230.16	69,784.42	45,855.90	385.16	17,845.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**146.00**	**0.28**	**0.00**	**0.00**	**46,608.24**	**46,754.52**	**0.00**	**0.00**	**46,608.24**
1582-09-8	Trifluralin	780.00	0.00	0.00	8,800.00	0 00	9,580.00	0.00	0.00	0.00
—	**Mercury compounds**	**1,993.60**	**0.70**	**0.00**	**172.50**	**46.38**	**2,213.18**	**124.90**	**10.00**	**36.38**
191-24-2	Benzo(g,h,i)perylene	1,758.20	7.50	0.00	236.50	2.30	2,004.50	5,031.06	2.30	0.00
7439-97-6	**Mercury**	**123.84**	**0.00**	**0.00**	**126.00**	**394.50**	**644.34**	**3.75**	**0.00**	**394.50**
—	Polycyclic aromatic compounds	76.97	12.90	0.00	91.30	117.69	298.86	10,278.80	117.69	0.00
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**0.00**	**188.25**	**188.25**	**0.00**	**0.00**	**188.25**
118-74-1	Hexachlorobenzene	0.00	0.00	20.00	0.00	0.00	20.00	0.00	0.00	0.00
72-43-5	**Methoxychlor**	**0.00**	**0.00**	**0.00**	**0.00**	**0.40**	**0.40**	**0.00**	**0.00**	**0.40**
—	Dioxin and dioxin-like compounds	0.09	0.00	0.14	0.00	0.00	0.23	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***41.008***	***0.000***	***63.751***	***1.540***	***0.000***	***106.299***	***0.000***	***0.000***	***0.000***
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	**Toxaphene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

KANSAS

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection: Class I Wells Pounds	On-site Releases: Underground Injection: Class II-V Wells Pounds	On-site Releases to Land: RCRA Subtitle C Landfills Pounds	On-site Releases to Land: Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Within State Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Out of State Pounds
Jeffrey Energy Center, Saint Marys, Pottawatomie	**249,966**	**570**	**0**	**0**	**0**	**2,001,493**	**2,252,029**	**0**	**0**
La Cygne, La Cygne, Linn	277,465	5	0	0	0	1,887,655	2,165,125	10	0
UCB Films Inc., Tecumseh, Shawnee	**1,184,671**	**22,566**	**0**	**0**	**0**	**1,000**	**1,208,237**	**0**	**0**
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	1,189,120	0	2,130	0	0	1,200	1,192,450	0	0
Excel Corp., Dodge City, Ford	**23,008**	**758,773**	**0**	**0**	**0**	**383,569**	**1,165,350**	**6,622**	**2,207**
Holcomb Unit 1, Holcomb, Finney	142,678	0	0	0	0	945,564	1,088,242	0	0
Lawrence Energy Center, Lawrence, Douglas	**68,759**	**670**	**0**	**0**	**0**	**904,963**	**974,392**	**0**	**0**
GM MLCG Fairfax Assembly, Kansas City, Wyandotte	858,743	304	0	0	0	0	859,047	475	9,010
Boeing Co. Wichita Div., Wichita, Sedgwick	**839,406**	**272**	**0**	**0**	**0**	**0**	**839,677**	**20,775**	**105,963**
Griffin Wheel Co. Kansas City Plant, Kansas City, Wyandotte	15,320	0	0	0	0	698,266	713,586	1,343	52,446

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection: Class I Wells Pounds	On-site Releases: Underground Injection: Class II-V Wells Pounds	On-site Releases to Land: RCRA Subtitle C Landfills Pounds	On-site Releases to Land: Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Within State Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Out of State Pounds
U.S. Army Fort Riley Range Facility, Fort Riley, Geary	**187.00**	**0.00**	**0.00**	**0.00**	**0.00**	**31,743.00**	**31,930.00**	**0.00**	**0.00**
Lafarge Midwest Inc (Incld Systech Environmental), Fredonia, Wilson	198.00	0.00	0.00	0.00	0.00	29,265.00	29,463.01	0.00	25.70
Ash Grove Cement Co., Chanute, Neosho	**4,489.00**	**0.00**	**0.00**	**0.00**	**0.00**	**10,486.00**	**14,975.00**	**1,402.00**	**15.00**
Heartland Cement Co., Independence, Montgomery	12,801.00	0.00	0.00	0.00	0.00	0.00	12,801.00	0.00	0.00
Jeffrey Energy Center, Saint Marys, Pottawatomie	**1,751.91**	**0.10**	**0.00**	**0.00**	**0.00**	**10,392.90**	**12,144.91**	**0.30**	**0.00**
Holcomb Unit 1, Holcomb, Finney	272.00	0.00	0.00	0.00	0.00	10,108.00	10,380.00	0 00	0.00
Lawrence Energy Center, Lawrence, Douglas	**349.30**	**0.00**	**0.00**	**0.00**	**0.00**	**9,962.90**	**10,312.20**	**0.00**	**0.00**
IBP Finney Co. Wastewater Treatment, Holcomb, Finney	780.00	0.00	0.00	0.00	0.00	8,800.00	9,580.00	0.00	0.00
Riverton Generating Station, Riverton, Cherokee	**2,361.00**	**3.00**	**0.00**	**0.00**	**0.00**	**2,069.00**	**4,433.00**	**0.00**	**0.00**
Tecumseh Energy Center, Tecumseh, Shawnee	166.50	0.20	0.00	0.00	0.00	4,258.20	4,424.90	0.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

2001 Toxics Release Inventory

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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Jayhawk Fine Chemicals Corp., Galena, Cherokee	**0**	**0**	**0**	**1,981,391**	**14,943,795**	**40,755,547**	**5,247,857**	**62,928,590**	**0**
Jeffrey Energy Center, Saint Marys, Pottawatomie	0	0	0	0	997,000	0	2,235,145	3,232,145	0
La Cygne, La Cygne, Linn	**0**	**0**	**0**	**0**	**887,000**	**6**	**2,234,420**	**3,121,426**	**0**
UCB Films Inc., Tecumseh, Shawnee	8,043,973	0	0	10,009	149,500	0	1,208,737	9,412,219	0
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	**300,000**	**23,300**	**15,000**	**0**	**10,100**	**0**	**1,207,860**	**1,556,260**	**19,000**
Excel Corp , Dodge City, Ford	0	0	0	0	8,732,480	0	1,174,179	9,906,659	0
Holcomb Unit 1, Holcomb, Finney	**0**	**0**	**0**	**0**	**0**	**0**	**1,088,242**	**1,088,242**	**0**
Lawrence Energy Center, Lawrence, Douglas	0	0	0	0	380,000	0	980,312	1,360,312	0
Boeing Co. Wichita Div., Wichita, Sedgwick	**0**	**6,685,627**	**0**	**424,200**	**300,000**	**69,790**	**955,146**	**8,434,763**	**0**
GM MLCG Fairfax Assembly, Kansas City, Wyandotte	0	0	0	281,893	138,141	137,300	869,085	1,426,419	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Safety-Kleen Aragonite Inc., Coffeyville, Montgomery	**0.00**	**7,656.00**	**0.00**	**0.00**	**0.00**	**26,333.00**	**46,098.00**	**80,087.00**	**0.00**
U.S. Army Fort Riley Range Facility, Fort Riley, Geary	0.00	0.00	0.00	0.00	0.00	0.00	31,930.00	31,930.00	0.00
Lafarge Midwest Inc. (Incld Systech Environmental), Fredonia, Wilson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**29,489.00**	**29,489.00**	**0.00**
Superior Telecommunications Inc., Hoisington, Barton	2,613.00	30,949.00	0.00	0.00	0.00	0.00	17,966.00	51,528.00	0.00
Ash Grove Cement Co., Chanute, Neosho	**0.00**	**1,403.00**	**2,100.00**	**19.00**	**0.00**	**0.00**	**15,106.00**	**18,628.00**	**0.00**
Griffin Wheel Co. Kansas City Plant, Kansas City, Wyandotte	0.00	0.00	0.00	0.00	0.00	0.00	14,587.00	14,587.00	0.00
Heartland Cement Co., Independence, Montgomery	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12,788.00**	**12,788.00**	**12,801.00**
Jeffrey Energy Center, Saint Marys, Pottawatomie	0.00	0.00	0.00	0.00	0.00	0.00	12,145.00	12,145.00	0.00
Holcomb Unit 1, Holcomb, Finney	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**10,381.00**	**10,381.00**	**0.00**
Lawrence Energy Center, Lawrence, Douglas	0.00	0.00	0.00	0.00	0.00	0.00	10,312.00	10,312.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

2001 Toxics Release Inventory

KENTUCKY

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	81,980,954
Air Emissions	58,703,794
Surface Water Discharges	2,118,567
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	54,425
On-site Land Releases to RCRA Subtitle C Landfills	1,609
Other On-site Land Releases	21,102,560
Off-site Releases (Transfers Off-site to Disposal)*	11,714,700
Total On- and Off-site Releases	**93,695,654**
Recycled On-site	242,266,568
Recycled Off-site	45,970,185
Energy Recovery On-site	63,137,385
Energy Recovery Off-site	30,778,647
Treated On-site	191,201,719
Treated Off-site**	13,224,631
Quantity Released On- and Off-site***	92,168,977
Total Production-related Waste Managed	**678,748,112**
Non-production-related Waste Managed	**2,253,885**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	44,407,850
Energy Recovery	30,657,719
Treatment	7,195,980
Publicly Owned Treatment Works (POTWs)	5,474,936
Metals and Metal Category Compounds*	68,939
Non-metal TRI Chemicals**	5,405,997
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	11,939,116
Total Transfers Off-site for Further Waste Management, including Disposal	**99,675,600**

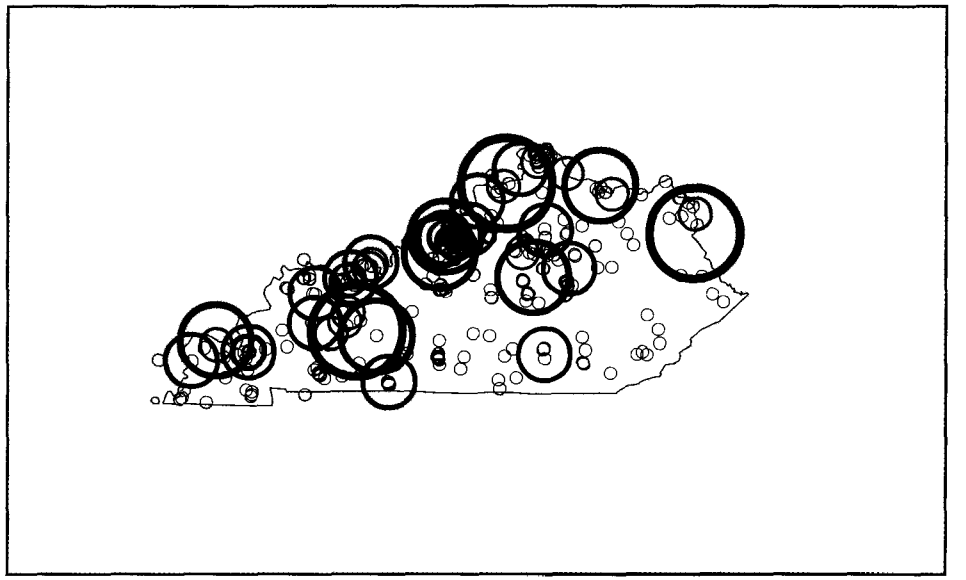
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Bob Logan
14 Reilly Road
Frankfort, KY 40601-1132
(502) 564-2152
Fax: (502) 564-4245
robert.logan@mail.state.ky.us

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Kentucky. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	4,068,816
Square Miles	39,732
Total Facilities	494
Total Forms	2,282
Form As	252

	Total
National Rank for Total On- and Off-site Releases*	
Rank	19
Pounds	93,695,654
National Rank for Total On-site Releases**	
Rank	19
Pounds	81,980,954
National Rank for Total Releases within State***	
Rank	20
Pounds	87,677,456
National Rank for Production-related Waste Managed	
Rank	13
Pounds	678,748,112

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

KENTUCKY

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**21,852,147**	**5**	**0**	**0**	**55,660**	**21,907,812**	**0**	**48,373**	**7,287**
7664-93-9	Sulfuric acid	9,437,398	0	0	0	0	9,437,398	0	0	0
—	**Barium compounds**	**46,744**	**205,896**	**0**	**6,118,577**	**1,779,203**	**8,150,420**	**186,205**	**1,747,992**	**31,211**
67-56-1	Methanol	4,304,042	26,900	0	1,451	250	4,332,643	4,842	250	0
—	**Zinc compounds**	**172,598**	**47,669**	**0**	**2,507,548**	**904,785**	**3,632,600**	**142,429**	**494,822**	**410,276**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**19,815.89**	**6,921.10**	**0.00**	**983,593.45**	**122,776.59**	**1,133,107.03**	**87,038.78**	**57,076.23**	**65,704.13**
7439-92-1	Lead	14,971.28	1,495.18	0.55	81,225.85	58,801.94	156,494.79	14,694.22	21,828.94	36,974.67
—	**Polycyclic aromatic compounds**	**74,331.58**	**39.40**	**331.30**	**670.60**	**3,312.00**	**78,684.88**	**95,593.90**	**2,404.70**	**907.30**
7439-97-6	Mercury	1,441.05	22.40	0.00	185.10	22,312.10	23,960.65	18.09	13,487.80	8,824.30
—	**Mercury compounds**	**3,814.82**	**69.62**	**0.00**	**3,672.10**	**2,832.64**	**10,389.18**	**88.25**	**26.64**	**2,806.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	18.25	0.00	0.00	395.45	0.80	414.50	53.00	0.80	0.00
191-24-2	**Benzo(g,h,i)perylene**	**134.75**	**0.10**	**1.65**	**3.05**	**14.30**	**153.85**	**11,670.00**	**0.00**	**14.30**
72-43-5	Methoxychlor	0.51	0.00	0.00	0.00	12.47	12.98	0.40	12.47	0.00
118-74-1	**Hexachlorobenzene**	**0.21**	**9.00**	**0.00**	**0.00**	**0.00**	**9.21**	**0.00**	**0.00**	**0.00**
1582-09-8	Trifluralin	0.31	0.00	0.00	0.00	7.68	7.99	0.00	7.68	0.00
—	**Dioxin and dioxin-like compounds**	**0.06**	**0.00**	**0.00**	**0.55**	**0.41**	**1.02**	**0.26**	**0.41**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*25.040*	*0.022*	*0.450*	*251.055*	*186.119*	*462.686*	*117.660*	*186 119*	*0.000*
57-74-9	**Chlordane**	**0.58**	**0.00**	**0.00**	**0.00**	**0.13**	**0.71**	**0.00**	**0.13**	**0.00**
8001-35-2	Toxaphene	0.55	0.00	0.00	0.00	0.05	0.60	0.00	0.05	0.00
76-44-8	**Heptachlor**	**0.27**	**0.00**	**0.00**	**0.00**	**0.05**	**0.32**	**0.00**	**0.05**	**0.00**
309-00-2	Aldrin	0.26	0.00	0.00	0.00	0.01	0.27	0.00	0.01	0.00
465-73-6	**Isodrin**	**0.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.19**	**0.00**	**0.00**	**0.00**
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

KENTUCKY

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. TVA Paradise Fossil Plant, Drakesboro, Muhlenberg	**6,396,251**	**156,571**	**0**	**0**	**0**	**2,257,695**	**8,810,518**	**500**	**3,080**
Kentucky Utilities Co. Ghent Station, Ghent, Carroll	4,546,231	166,614	0	0	0	3,056,332	7,769,177	0	0
American Electric Power Big Sandy Plant, Louisa, Lawrence	**5,319,518**	**4,225**	**0**	**0**	**0**	**1,119,485**	**6,443,228**	**1,504**	**0**
Spurlock Power Station, Maysville, Mason	3,295,730	2,168	0	0	0	831,091	4,128,989	0	0
Kentucky Utilities Co. E. W. Brown Station, Burgin, Mercer	**2,566,564**	**39,420**	**0**	**0**	**0**	**903,077**	**3,509,061**	**0**	**0**
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	986,916	102,456	0	0	0	2,244,334	3,333,706	0	0
U.S. TVA Shawnee Fossil Plant, West Paducah, Mc Cracken	**708,634**	**21,305**	**0**	**0**	**0**	**2,192,358**	**2,922,297**	**281**	**120**
Du Pont Louisville Plant, Louisville, Jefferson	2,665,103	0	0	0	0	0	2,665,103	0	8,737
Imco Recycling Inc., Morgantown, Butler	**40,086**	**0**	**0**	**0**	**0**	**2,314,901**	**2,354,987**	**0**	**7**
Cooper Power Station, Burnside, Pulaski	1,741,150	875	0	0	0	393,057	2,135,082	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. TVA Paradise Fossil Plant, Drakesboro, Muhlenberg	**2,896.41**	**621.40**	**0.00**	**0.00**	**0.00**	**193,695.20**	**197,213.01**	**0.00**	**2,830.00**
Kentucky Utilities Co Ghent Station, Ghent, Carroll	933.87	595 00	0.00	0.00	0.00	143,182.00	144,710.87	0.00	0.00
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	**635.53**	**558.00**	**0.00**	**0.00**	**0.00**	**129,194.00**	**130,387.53**	**0.00**	**0.00**
U.S. Army Fort Knox Ranges, Fort Knox, Hardin	741.00	0.00	0.00	0.00	0 00	107,463.00	108,204.00	0.00	0 00
U.S. Army Fort Campbell Range, Fort Campbell, Christian	**1,133.00**	**0.00**	**0.00**	**0.00**	**0.00**	**55,108.00**	**56,241.00**	**0.00**	**0.00**
Kentucky Utilities Co. E. W. Brown Station, Burgin, Mercer	1,001.47	223.00	0.00	0.00	0.00	53,477.00	54,701.47	0.00	0.00
Louisville Gas & Electric Co. Cane Run Station, Louisville, Jefferson	**307.29**	**20.00**	**0.00**	**0.00**	**0.00**	**51,387.00**	**51,714.29**	**0.00**	**0.00**
Louisville Gas & Electric Co. Trimble County Station, Bedford, Trimble	285.27	0.00	0.00	0.00	0.00	44,516.00	44,801.27	0.00	0.00
Carbide/Graphite Group, Calvert City, Marshall	**44,022.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**44,022.00**	**0.00**	**0.00**
American Electric Power Big Sandy Plant, Louisa, Lawrence	982.80	16.00	0.00	0.00	0.00	40,560.00	41,558.80	70.00	0 00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

2001 Toxics Release Inventory

KENTUCKY

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
U.S. TVA Paradise Fossil Plant, Drakesboro, Muhlenberg	**0**	**617**	**0**	**0**	**13,261,700**	**0**	**8,822,362**	**22,084,679**	**0**
Kentucky Utilities Co. Ghent Station, Ghent, Carroll	0	0	0	0	5,016,300	0	7,767,787	12,784,087	0
American Electric Power Big Sandy Plant, Louisa, Lawrence	**0**	**34,606**	**0**	**0**	**2,444,000**	**0**	**6,444,683**	**8,923,289**	**0**
Spurlock Power Station, Maysville, Mason	0	0	0	0	0	0	4,136,170	4,136,170	0
Kentucky Utilities Co. E. W. Brown Station, Burgin, Mercer	**0**	**0**	**0**	**0**	**905,200**	**0**	**3,509,076**	**4,414,276**	**0**
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	0	0	0	0	9,323,700	0	3,335,107	12,658,807	0
Gibbs Die-Casting Corp., Henderson, Henderson	**3,908,000**	**446,000**	**0**	**0**	**0**	**2,236**	**3,230,299**	**7,586,535**	**0**
U.S. TVA Shawnee Fossil Plant, West Paducah, Mc Cracken	0	0	0	0	1,365,000	0	3,003,381	4,368,381	0
Du Pont Louisville Plant, Louisville, Jefferson	**0**	**36,690**	**0**	**0**	**0**	**169,980**	**2,673,840**	**2,880,510**	**0**
Imco Recycling Inc., Morgantown, Butler	27,300	0	0	0	0	0	2,323,501	2,350,801	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
U.S. TVA Paradise Fossil Plant, Drakesboro, Muhlenberg	**0.00**	**261.00**	**0.00**	**0.00**	**0.00**	**0.00**	**195,242.00**	**195,503.00**	**0.00**
Kentucky Utilities Co. Ghent Station, Ghent, Carroll	0.00	0.00	0.00	0.00	0.00	0.00	144,587.00	144,587.00	0.00
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**130,667.00**	**130,667.00**	**0.00**
U.S. Army Fort Knox Ranges, Fort Knox, Hardin	0.00	0.00	0.00	0.00	0.00	0.00	108,205.00	108,205.00	0.00
U.S. Army Fort Campbell Range, Fort Campbell, Christian	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**56,241.00**	**56,241.00**	**0.00**
Kentucky Utilities Co. E. W. Brown Station, Burgin, Mercer	0.00	0.00	0.00	0.00	0.00	0.00	54,676.00	54,676.00	0.00
Louisville Gas & Electric Co. Cane Run Station, Louisville, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**51,710.00**	**51,710.00**	**0.00**
Louisville Gas & Electric Co. Trimble County Station, Bedford, Trimble	0.00	0.00	0.00	0.00	0.00	0.00	44,731.00	44,731.00	0.00
Carbide/Graphite Group, Calvert City, Marshall	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**44,022.00**	**44,022.00**	**0.00**
American Electric Power Big Sandy Plant, Louisa, Lawrence	0.00	6.00	0.00	0.00	0.00	0.00	41,683.00	41,689.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

LOUISIANA

Reported Releases and Other Waste Management Activities (in pounds)

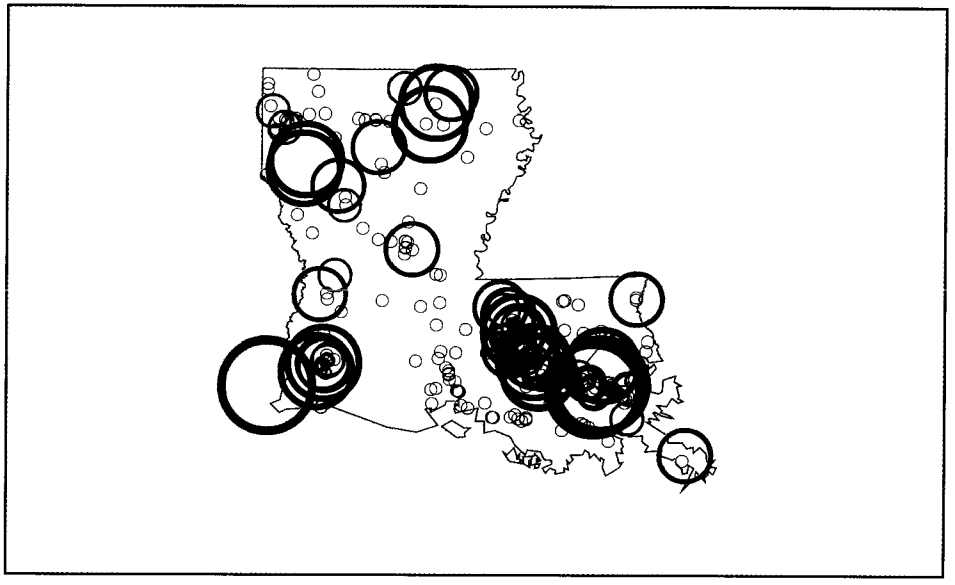
	Total
On-site Releases	140,629,250
Air Emissions	75,960,815
Surface Water Discharges	11,908,380
Underground Injection Class I Wells	37,112,860
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	3,737,937
Other On-site Land Releases	11,909,258
Off-site Releases (Transfers Off-site to Disposal)*	5,191,651
Total On- and Off-site Releases	**145,820,901**
Recycled On-site	637,089,592
Recycled Off-site	36,112,363
Energy Recovery On-site	316,777,954
Energy Recovery Off-site	13,451,035
Treated On-site	1,091,501,679
Treated Off-site**	33,552,502
Quantity Released On- and Off-site***	133,028,144
Total Production-related Waste Managed	**2,261,513,268**
Non-production-related Waste Managed	**651,905**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	36,702,372
Energy Recovery	12,849,773
Treatment	32,751,499
Publicly Owned Treatment Works (POTWs)	422,692
Metals and Metal Category Compounds*	3,624
Non-metal TRI Chemicals**	419,068
Other Off-site Transfers****	520,000
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,651,644
Total Transfers Off-site for Further Waste Management, including Disposal	**88,897,979**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Louisiana. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	4,470,368
Square Miles	43,566
Total Facilities	382
Total Forms	2,866
Form As	332

	Total
National Rank for Total On- and Off-site Releases*	
Rank	11
Pounds	145,820,901
National Rank for Total On-site Releases**	
Rank	8
Pounds	140,629,250
National Rank for Total Releases within State***	
Rank	10
Pounds	152,848,490
National Rank for Production-related Waste Managed	
Rank	2
Pounds	2,261,513,268

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility. Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

For More Information . . .

State Contact
Linda Brown
P.O. Box 82178
Baton Rouge, LA 70884-2178
(225) 765-0305
Fax: (225) 765-0617
lindab@deq.state.la.us

EPA Regional Contact
Morton Wakeland
USEPA Region 6 (6PDT)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733
(214) 665-8116
wakeland.morton@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

LOUISIANA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-41-7	**Ammonia**	**12,304,532**	**917,883**	**4,446,211**	**4,816**	**69,294**	**17,742,736**	**58,212**	**69,044**	**250**
67-56-1	Methanol***	14,308,852	313,923	2,434,043	319,417	748	17,376,983	600,229	655	93
—	**Nitrate compounds**	**0**	**9,784,335**	**4,062,865**	**88,307**	**10,323**	**13,945,830**	**2,125,941**	**10,323**	**0**
50-00-0	Formaldehyde	382,942	28,912	8,863,245	2,825	19,306	9,297,230	187	19,306	0
7439-96-5	**Manganese**	**17,733**	**65,589**	**0**	**4,464,497**	**103,827**	**4,651,646**	**1,930**	**100,518**	**4,426**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**44,676.44**	**5,257.86**	**1,439.90**	**994,989.28**	**2,795,615.92**	**3,841,979.41**	**188,978.39**	**1,968,222.60**	**835,831.20**
7439-92-1	Lead	11,292.54	861.69	0.00	9,835.92	897,664.31	919,654.46	111,286.54	258,495.24	639,174.79
—	**Polycyclic aromatic compounds**	**28,690.48**	**68.00**	**0.00**	**860.00**	**14,142.59**	**43,761.07**	**31.30**	**12,908.42**	**1,234.17**
—	Mercury compounds	6,577.87	124.95	0.40	2,852.50	1,026.96	10,582.68	537.91	778.03	388.93
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**11.17**	**0.00**	**0.00**	**2,042.00**	**118.74**	**2,171.91**	**0.00**	**0.24**	**118.50**
191-24-2	Benzo(g,h,i)perylene	877.68	21.00	0.00	0.00	318.44	1,217.12	0.20	318.44	0.00
7439-97-6	**Mercury**	**589.88**	**1.30**	**0.00**	**147.90**	**335.44**	**1,074.52**	**144.35**	**3.00**	**332.44**
79-94-7	Tetrabromobisphenol A	4.00	8.00	0.00	0.00	88.00	100.00	0.00	88.00	0.00
118-74-1	**Hexachlorobenzene**	**5.55**	**0.00**	**0.00**	**0.00**	**0.00**	**5.55**	**471.22**	**0.00**	**0.00**
72-43-5	Methoxychlor	2.00	0.00	0.00	0.00	0.00	2.00	24.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.41**	**0.00**	**0.00**	**0.27**	**0.51**	**1.19**	**0.14**	**0.37**	**0.14**
—	*Dioxin and dioxin-like compounds (in grams)*	*184.512*	*0.017*	*0.000*	*122.942*	*233.362*	*540.833*	*61.414*	*169.338*	*64 024*
309-00-2	**Aldrin**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—****	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—****	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—****	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—****	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemicals ranking is based on the amounts in this column.

*** Three facilities, owned by ASCO-US, reported a total of 17,002,018 pounds of air emissions of methanol in error The correct amount is 11,521 pounds. The corrections are included in this table, but were received too late to be included in the other tables in this report.

**** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

LOUISIANA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County*	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases** Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Cytec Inds. Inc. Fortier Plant, Westwego, Jefferson	**357,164**	**25,026**	**10,603,835**	**0**	**0**	**0**	**10,986,025**	**2,529**	**1**
Monsanto Luling, Luling, St Charles	136,342	293,210	9,993,000	0	0	3,744	10,426,296	0	0
Rubicon Inc., Geismar, Ascension	**596,852**	**193**	**5,187,400**	**0**	**0**	**17**	**5,784,462**	**2,572**	**7,707**
CF Inds. Inc., Donaldsonville, Ascension	4,782,374	686,728	0	0	0	0	5,469,102	19,348	0
Angus Chemical Co., Sterlington, Ouachita	**127,514**	**424,576**	**4,845,152**	**0**	**0**	**360**	**5,397,602**	**0**	**2,352**
International Paper, Mansfield, De Soto	4,095,776	45,932	0	0	0	1,028,316	5,170,024	0	0
ExxonMobil Refining & Supply Baton Rouge Refy., Baton Rouge, East Baton Rouge	**1,338,339**	**2,537,993**	**0**	**0**	**0**	**2**	**3,876,334**	**9,689**	**315,465**
Louisiana Pigment Co. L.P., Westlake, Calcasieu	25,412	6,727	0	0	0	3,603,604	3,635,743	1,703	0
Safety-Kleen (Plaquemine) Inc., Plaquemine, Iberville	**62**	**0**	**3,635,511**	**0**	**0**	**0**	**3,635,573**	**0**	**556**
Chemical Waste Management Lake Charles Facility, Sulphur, Calcasieu	14,948	0	0	0	3,343,106	0	3,358,054	1,329	351,432

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases** Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army Fort Lewis Range Facility, Fort Lewis, Pierce	**235.00**	**0.00**	**0.00**	**0.00**	**0.00**	**82,726.00**	**82,961.00**	**0.00**	**0.00**
Transalta Centralia Generation/Mining, Centralia, Lewis	270.18	4.90	0.00	0.00	0.00	56,272.22	56,547.30	389.00	0.00
Kettle River Ops. Mill, Republic, Ferry	**1.60**	**0.00**	**0.00**	**0.00**	**0.00**	**43,000.00**	**43,001.60**	**0.00**	**0.00**
U.S. Navy Puget Sound Naval Shipyard, Bremerton, Kitsap	2.00	589.00	0.00	0.00	0.00	17,468.00	18,059.00	62,831.00	25,161.00
U.S. Army Yakima Training Center Range Ops., Yakima, Yakima	**360.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14,114.00**	**14,474.00**	**0.00**	**0.00**
U.S. DOE Hanford Site, Richland, Benton	5.00	0.50	0.00	0.00	3,880.00	7,600.00	11,485.50	0.00	197.90
Northwest Alloys Inc., Addy, Stevens	**13.00**	**0.00**	**0.00**	**0.00**	**0.00**	**9,367.00**	**9,380.00**	**0.00**	**37.00**
Longview Aluminum L.L.C., Longview, Cowlitz	7,989.40	118.70	0.00	0.00	0.00	0.00	8,108.10	9.10	367,111.00
Kimberly-Clark Corp., Everett, Snohomish	**8.30**	**4,417.24**	**0.00**	**0.00**	**0.00**	**617.02**	**5,042.55**	**1,860.35**	**0.00**
Lamefoot Mine, Republic, Ferry	0.10	0.00	0.00	0.00	0.00	4,247.90	4,248.00	0.00	0.00

* Two facilities, owned by ASCO-US, reported a total of 16,408,865 pounds of air emissions in error The correct amount is 9,786 pounds These facilities have been omitted from this list, but the corrections were received too late to be included in the other tables in this report

** The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Cytec Inds. Inc. Fortier Plant, Westwego, Jefferson	**6,170,100**	**0**	**15,283,300**	**0**	**8,304,707**	**20,370**	**15,738,408**	**45,516,885**	**0**
Monsanto Luling, Luling, St Charles	0	100,000	0	0	27,784,600	77,700	10,426,299	38,388,599	0
Rubicon Inc., Geismar, Ascension	**0**	**0**	**9,915,000**	**0**	**760,000**	**223,889**	**5,786,262**	**16,685,151**	**0**
CF Inds. Inc., Donaldsonville, Ascension	0	201,440	430,000	0	0	4,600	5,488,550	6,124,590	0
Angus Chemical Co., Sterlington, Ouachita	**4,495,151**	**49,614**	**2,386,979**	**0**	**22,701**	**70,081**	**5,399,949**	**12,424,475**	**0**
International Paper, Mansfield, De Soto	0	0	933,726	0	4,253,528	0	5,189,083	10,376,337	0
ExxonMobil Refining & Supply Baton Rouge Refy., Baton Rouge, East Baton Rouge	**0**	**37,820**	**0**	**677**	**2,214,406**	**1**	**4,201,491**	**6,454,395**	**0**
Chemical Waste Management Lake Charles Facility, Sulphur, Calcasieu	0	2,802	0	112,950	29,712	34,586	3,681,217	3,861,267	13,000
Louisiana Pigment Co. L.P., Westlake, Calcasieu	**0**	**3,590**	**0**	**435**	**12,869,885**	**4,267**	**3,637,446**	**16,515,623**	**0**
Safety-Kleen (Plaquemine) Inc., Plaquemine, Iberville	0	0	0	0	556	0	3,635,573	3,636,129	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management Lake Charles Facility, Sulphur, Calcasieu	**0.00**	**2,800.00**	**0.00**	**0.00**	**12.00**	**886.00**	**285,676.00**	**289,374.00**	**0.00**
Kaiser Aluminum & Chemical Corp. Gramercy Works, Gramercy, St James	0.00	0.00	0.00	0.00	0.00	0.00	271,388.00	271,388.00	0.00
Lake Charles Carbon Co., Lake Charles, Calcasieu	**0.00**	**325,878.00**	**0.00**	**0.00**	**0.00**	**0.00**	**199,703.00**	**525,580.00**	**0.00**
Bayou Steel Corp., La Place, St John The Baptist	0.00	280,288.00	0.00	0.00	0.00	0.00	110,217.00	390,505.00	2,672.00
Calumet Lubricants Co. L.P., Princeton, Bossier	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**57,988.00**	**57,988.00**	**0.00**
Big Cajun 2, New Roads, Pointe Coupee	0.00	0.00	0.00	0.00	0.00	0.00	33,495.00	33,495.00	0.00
U.S. Army JRTC & Fort Polk, Fort Polk, Vernon	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**27,014.00**	**27,014.00**	**0.00**
Georgia-Pacific Corp. Port Hudson Ops., Zachary, East Baton Rouge	0.00	0.00	0.00	0.00	0.00	0.00	21,322.00	21,322.00	0.00
PCS Nitrogen Fertilizer L.P., Geismar, Ascension	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**18,691.00**	**18,691.00**	**0.00**
Exide Techs. Baton Rouge Smelter, Baton Rouge, East Baton Rouge	19,670,308.00	0.00	0.00	0.00	0.00	0.00	17,911.00	19,688,219.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

MAINE

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	9,359,246
Air Emissions	4,657,404
Surface Water Discharges	3,975,970
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	725,873
Off-site Releases (Transfers Off-site to Disposal)*	1,353,438
Total On- and Off-site Releases	**10,712,685**
Recycled On-site	688,744
Recycled Off-site	3,151,433
Energy Recovery On-site	11,562,908
Energy Recovery Off-site	179,633
Treated On-site	55,972,108
Treated Off-site**	829,474
Quantity Released On- and Off-site***	10,443,082
Total Production-related Waste Managed	**82,827,382**
Non-production-related Waste Managed	**8,622**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	2,650,811
Energy Recovery	153,037
Treatment	206,393
Publicly Owned Treatment Works (POTWs)	611,063
Metals and Metal Category Compounds*	74,503
Non-metal TRI Chemicals**	536,560
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,282,284
Total Transfers Off-site for Further Waste Management, including Disposal	**4,903,589**

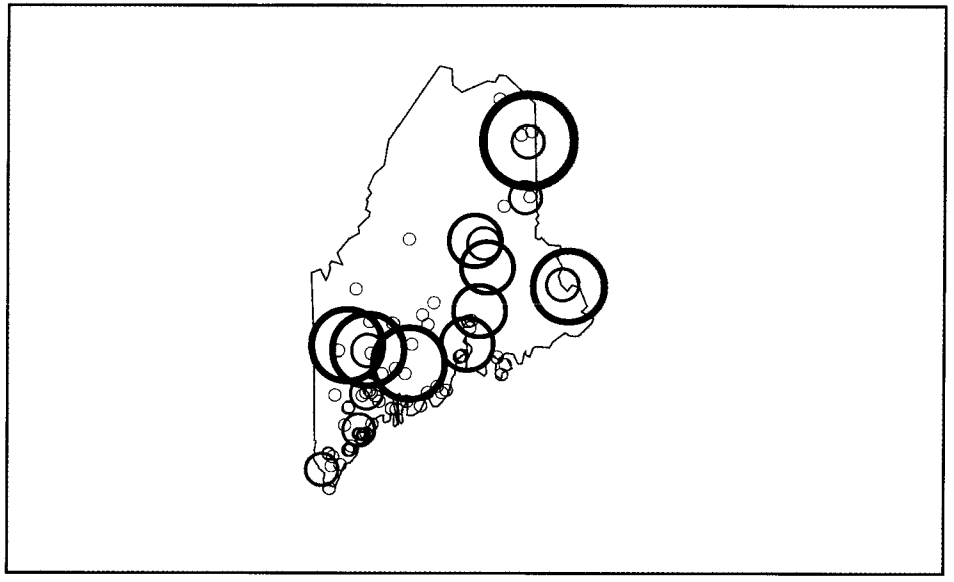
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Robert S. Gardner
72 State House Station
Augusta, ME 04333-0072
(207) 626-4505
Fax: (207) 626-4499
robert.s.gardner@state.me.us

EPA Regional Contact
Dwight Peavey
USEPA Region 1 (SPT)
1 Congress Street, Ste. 11000
Boston, MA 02114-2023
(617) 918-1829
peavey.dwight@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Maine. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,284,470
Square Miles	30,865
Total Facilities	118
Total Forms	462
Form As	27

	Total
National Rank for Total On- and Off-site Releases*	
Rank	46
Pounds	10,712,685
National Rank for Total On-site Releases**	
Rank	44
Pounds	9,359,246
National Rank for Total Releases within State***	
Rank	44
Pounds	10,954,569
National Rank for Production-related Waste Managed	
Rank	42
Pounds	82,827,382

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

MAINE

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Nitrate compounds**	**500**	**3,455,225**	**0**	**465**	**0**	**3,456,190**	**0**	**0**	**0**
67-56-1	Methanol	1,900,004	104,556	0	8,117	8,342	2,021,019	0	8,342	0
—	**Manganese compounds**	**6,209**	**306,928**	**0**	**434,909**	**318,310**	**1,066,356**	**27,430**	**302,310**	**16,000**
7664-41-7	Ammonia	813,198	39,047	0	0	0	852,245	3,300	0	0
—	**Zinc compounds**	**15,568**	**16,601**	**0**	**199,158**	**400,793**	**632,120**	**32,834**	**400,293**	**500**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**1,505.05**	**1,673.18**	**0.00**	**5,839.40**	**293,026.14**	**302,043.77**	**6,169.90**	**290,034.03**	**2,992.11**
7439-92-1	Lead	603.63	135.10	0.00	676.30	4,266.85	5,681.88	184.00	4,530.01	190.54
—	**Polycyclic aromatic compounds**	**4,153.05**	**65.34**	**0.00**	**172.71**	**174.93**	**4,566.03**	**162.00**	**14.13**	**160.80**
—	Mercury compounds	70.50	0.84	0.00	0.00	19.90	91.24	34.30	17.90	2.00
191-24-2	**Benzo(g,h,i)perylene**	**14.53**	**9.60**	**0.00**	**10.68**	**2.32**	**37.13**	**23.00**	**2.32**	**0.00**
7439-97-6	Mercury	22.00	0.44	0.00	0.00	3.60	26.04	0.00	3.60	0.00
—	**Dioxin and dioxin-like compounds**	**0.02**	**0.00**	**0.00**	**0.01**	**0.00**	**0.04**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*9 385*	*2.107*	*0.000*	*3.409*	*1.926*	*16.827*	*0.000*	*1.847*	*0.080*
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

MAINE

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
McCain Foods USA Inc., Easton, Aroostook	**4,500**	**2,702,525**	**0**	**0**	**0**	**0**	**2,707,025**	**0**	**0**
S.D. Warren Co. Sappi Fine Paper N.A., Skowhegan, Somerset	752,710	140,384	0	0	0	445,095	1,338,189	0	0
Domtar Maine Corp., Baileyville, Washington	**552,540**	**355,138**	**0**	**0**	**0**	**53,839**	**961,517**	**0**	**0**
International Paper, Jay, Franklin	446,638	217,800	0	0	0	76,089	740,527	0	0
Mead Publishing Paper Div., Rumford, Oxford	**614,614**	**91,622**	**0**	**0**	**0**	**0**	**706,236**	**538,135**	**0**
Fort James Operating Co., Old Town, Penobscot	430,027	45,654	0	0	0	0	475,681	11,146	0
International Paper Co., Bucksport, Hancock	**111,952**	**159,678**	**0**	**0**	**0**	**139,572**	**411,202**	**0**	**0**
Lincoln Pulp & Paper Co. Inc., Lincoln, Penobscot	298,581	74,132	0	0	0	1,601	374,314	8,486	0
Great Northern Paper Inc., Millinocket, Penobscot	**263,421**	**100,550**	**0**	**0**	**0**	**0**	**363,971**	**960**	**0**
S. D. Warren Co., Westbrook, Cumberland	182,575	1,887	0	0	0	8,415	192,877	45,110	20,885

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
S.D. Warren Co. Sappi Fine Paper N.A., Skowhegan, Somerset	265.20	304.10	0.00	0.00	0.00	3,008.50	3,577.80	0.00	0.00
U.S. VA Togus VA Med/Regional office Center, Togus, Kennebec	3,436.00	0.00	0.00	0.00	0.00	0.00	3,436.00	0.00	0.00
Domtar Maine Corp., Baileyville, Washington	250.70	256.00	0.00	0.00	0.00	1,806.90	2,313.61	0.00	0.00
International Paper, Jay, Franklin	207.50	318.90	0.00	0.00	0.00	596.11	1,122.51	0.00	0.00
Great Northern Paper Inc., Millinocket, Penobscot	320.70	300.00	0.00	0.00	0.00	0.00	620.70	0.20	0.00
U.S. Natl. Park Service Acadia Natl. Park, Bar Harbor, Hancock	1.00	0.00	0.00	0 00	0.00	603.30	604.30	0.00	0.00
Great Northern Paper Inc., East Millinocket, Penobscot	98.20	410.00	0.00	0.00	0.00	0.00	508.20	313.70	0.00
International Paper Co., Bucksport, Hancock	49.30	16.50	0.00	0.00	0.00	324.20	390.00	0 00	0 00
Mead Publishing Paper Div., Rumford, Oxford	220.30	152.94	0.00	0.00	0.00	0.00	373.24	2,831.60	0.00
National Starch & Chemical Co., Island Falls, Aroostook	281.00	0.00	0.00	0.00	0.00	0.00	281.00	0 00	0 00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
McCain Foods USA Inc., Easton, Aroostook	**13,000**	**0**	**376,146**	**0**	**62,069**	**0**	**2,707,025**	**3,158,240**	**0**
S.D. Warren Co. Sappi Fine Paper N.A., Skowhegan, Somerset	0	0	0	0	12,675,700	0	1,338,189	14,013,889	0
Mead Publishing Paper Div., Rumford, Oxford	**0**	**657,517**	**6,117,000**	**0**	**9,214,000**	**0**	**1,245,407**	**17,233,924**	**0**
Domtar Maine Corp., Baileyville, Washington	0	0	0	0	13,133,870	0	961,472	14,095,342	0
International Paper, Jay, Franklin	**0**	**0**	**4,091**	**0**	**10,120,400**	**0**	**741,102**	**10,865,593**	**5**
Fort James Operating Co., Old Town, Penobscot	0	0	0	0	3,352,290	0	491,006	3,843,296	0
International Paper Co., Bucksport, Hancock	**0**	**0**	**0**	**0**	**25,658**	**0**	**411,202**	**436,860**	**0**
Great Northern Paper Inc., Millinocket, Penobscot	0	0	0	0	1,580,210	0	360,341	1,940,551	0
Lincoln Pulp & Paper Co. Inc., Lincoln, Penobscot	**0**	**0**	**17**	**0**	**3,928,640**	**0**	**332,894**	**4,261,551**	**2**
S. D. Warren Co , Westbrook, Cumberland	0	0	7	17,000	6,200	0	328,086	351,293	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
S. D. Warren Co., Westbrook, Cumberland	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4,586.00**	**4,586.00**	**0.00**
First Tech. Control Devices, Standish, Cumberland	0.00	5,172.00	0.00	0.00	0.00	0.00	3,618.00	8,790.00	0.00
S.D. Warren Co. Sappi Fine Paper N.A., Skowhegan, Somerset	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,578.00**	**3,578.00**	**0.00**
U.S. VA Togus VA Med/Regional office Center, Togus, Kennebec	0.00	0.00	0.00	0.00	0.00	0.00	3,436.00	3,436.00	0.00
Mead Publishing Paper Div., Rumford, Oxford	**0.00**	**17.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,204.00**	**3,221.00**	**0.00**
Domtar Maine Corp., Baileyville, Washington	0.00	0.00	0.00	0.00	0.00	0.00	2,313.00	2,313.00	0.00
Masters Machine Co., Round Pond, Lincoln	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,742.00**	**1,742.00**	**0.00**
International Paper, Jay, Franklin	0.00	0.00	0.00	0.00	0.00	0.00	1,122.00	1,122.00	0.00
Masonite Corp., Lisbon Falls, Androscoggin	**0.00**	**6.00**	**0.00**	**1,037.00**	**0.00**	**1,037.00**	**1,043.00**	**3,123.00**	**0.00**
Lincoln Pulp & Paper Co. Inc., Lincoln, Penobscot	0.00	0.00	0.00	0.00	0.00	0.00	846.00	846.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

MARYLAND

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	42,778,874
Air Emissions	36,076,213
Surface Water Discharges	3,839,690
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	56,057
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	2,806,914
Off-site Releases (Transfers Off-site to Disposal)*	2,645,338
Total On- and Off-site Releases	**45,424,212**
Recycled On-site	10,284,862
Recycled Off-site	9,430,974
Energy Recovery On-site	7,849,613
Energy Recovery Off-site	2,133,854
Treated On-site	50,183,694
Treated Off-site**	9,327,009
Quantity Released On- and Off-site***	45,523,468
Total Production-related Waste Managed	**134,733,474**
Non-production-related Waste Managed	**791,777**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	8,888,050
Energy Recovery	2,149,059
Treatment	5,957,575
Publicly Owned Treatment Works (POTWs)	3,439,510
Metals and Metal Category Compounds*	52,178
Non-metal TRI Chemicals**	3,387,331
Other Off-site Transfers****	800
Transfers Off-site to Disposal *(not including metals to POTWs)*	2,602,540
Total Transfers Off-site for Further Waste Management, including Disposal	**23,037,533**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions.

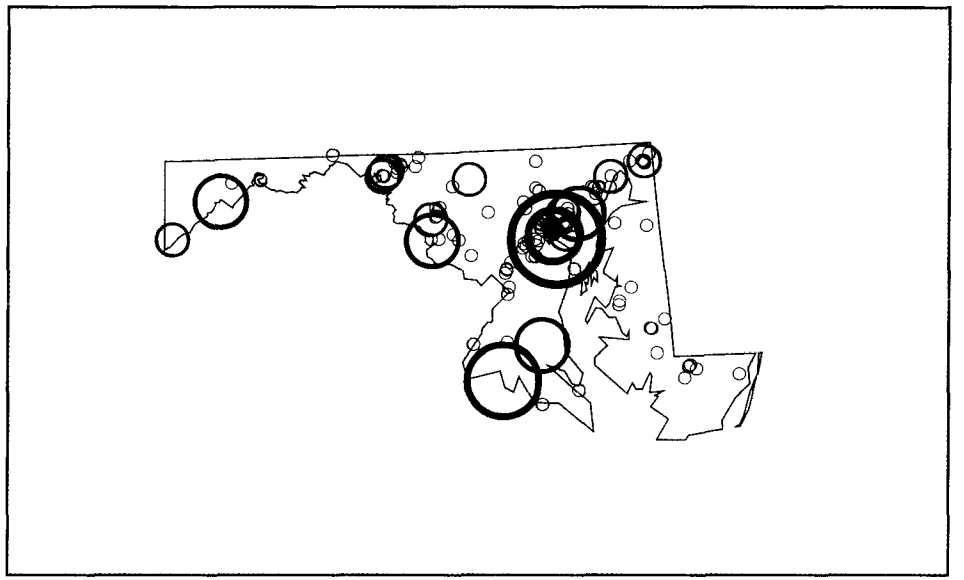
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Patricia S. Williams
1800 Washington Boulevard, Ste 540
Baltimore, MD 21230-1718
(410) 537-3800
Fax: (410) 537-3873
pwilliams@mde.state.md.us

EPA Regional Contact
William Reilly
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814-2072
reilly.william@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Maryland All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,386,079
Square Miles	9,775
Total Facilities	211
Total Forms	814
Form As	140

	Total
National Rank for Total On- and Off-site Releases*	
Rank	29
Pounds	45,424,212
National Rank for Total On-site Releases**	
Rank	27
Pounds	42,778,874
National Rank for Total Releases within State***	
Rank	29
Pounds	45,725,034
National Rank for Production-related Waste Managed	
Rank	34
Pounds	134,733,474

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

MARYLAND

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**26,009,697**	**0**	**0**	**0**	**5**	**26,009,702**	**89**	**5**	**0**
—	Nitrate compounds	0	3,677,211	0	87,190	20,009	3,784,410	5	20,009	0
7664-93-9	**Sulfuric acid**	**3,119,124**	**0**	**0**	**0**	**0**	**3,119,124**	**0**	**0**	**0**
—	Manganese compounds	41,013	83,860	42,777	2,135,900	176,154	2,479,704	40,769	165,129	11,025
463-58-1	**Carbonyl sulfide**	**1,509,575**	**0**	**0**	**0**	**0**	**1,509,575**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**4,855.91**	**1,126.45**	**111.00**	**94,136.40**	**81,810.31**	**182,040.07**	**43,501.63**	**64,616.75**	**17,193.56**
—	Polycyclic aromatic compounds	20,629.74	0.00	0.00	384.00	7,301.30	28,315.04	11,602.90	69.10	7,232.20
7439-92-1	**Lead**	**1,330.54**	**1.46**	**0.00**	**23,751.40**	**1,033.41**	**26,116.81**	**7,349.41**	**441.00**	**592.41**
—	Mercury compounds	2,127.84	2.72	134.03	438.02	607.70	3,310.31	2,639.00	483.30	124.40
191-24-2	**Benzo(g,h,i)perylene**	**893.58**	**0.00**	**0.00**	**19.00**	**323.27**	**1,235.85**	**210.33**	**319.00**	**4.27**
7439-97-6	Mercury	93.80	0.00	0.00	5.00	100.00	198.80	175.41	0.00	100.00
118-74-1	**Hexachlorobenzene**	**0.00**	**0.10**	**0.00**	**27.50**	**0.00**	**27.60**	**0.20**	**0.00**	**0.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	10.00	10.00	0.00	10.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.03**	**0.00**	**0.00**	**0.29**	**0.00**	**0.32**	**0.01**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*15.679*	*0.848*	*0.000*	*129.910*	*0.280*	*146.717*	*3.910*	*0.280*	*0.000*
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

MARYLAND

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Brandon Shores & Wagner Complex, Baltimore, Baltimore City	**13,964,062**	**5,152**	**0**	**0**	**0**	**0**	**13,969,214**	**43**	**10,040**
Morgantown Generating Station, Newburg, Charles	6,805,709	54	0	0	0	189,593	6,995,356	783,888	5,060
Mirant Chalk Point L.L.C., Aquasco, Prince Georges	**3,741,386**	**4,932**	**0**	**0**	**0**	**11,204**	**3,757,522**	**551,729**	**2,237**
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	1,099,258	66,853	0	0	0	1,822,039	2,988,150	0	0
C. P. Crane Generating Station, Baltimore, Baltimore City	**2,289,847**	**2**	**0**	**0**	**0**	**0**	**2,289,848**	**158**	**0**
Erachem Comilog Inc. Baltimore Plant, Baltimore, Baltimore City	20,223	2,075,811	0	0	0	22,481	2,118,515	102	0
Dickerson Generating Station, Dickerson, Montgomery	**2,072,371**	**2,295**	**0**	**0**	**0**	**9,438**	**2,084,103**	**458,214**	**106**
Grace Davison, Baltimore, Baltimore City	186,134	1,484,780	0	0	0	6,468	1,677,382	27,385	12,998
Westvaco Corp. Fine Papers Div., Luke, Allegany	**1,626,124**	**1**	**0**	**0**	**0**	**13,161**	**1,639,286**	**149,365**	**1**
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	158,746	41,031	0	0	0	458,010	657,787	0	131,646

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	854.01	864.00	0.00	0.00	0.00	75,285.96	77,003.96	0.00	508.82
U.S. Fish & Wildlife Patuxent Research Refuge, Laurel, Prince Georges	0.00	0.00	0.00	0.00	0.00	20,024.00	20,024.00	0.00	0.00
Tyson Foods Inc. Berlin Processing, Berlin, Worcester	9,376.00	0.00	0.00	0.00	0.00	0.00	9,376.00	0.00	0.00
Essroc Cement Corp., Frederick, Frederick	328.20	0.00	0.00	0.00	0.00	8,662.30	8,990.50	0.00	0.00
Allen Family Foods, Hurlock, Dorchester	6,729.03	0.00	0.00	0.00	0.00	0.00	6,729.03	0.00	0.00
Eastalco Aluminum Co., Frederick, Frederick	5,075.00	2.00	0.00	0.00	0.00	153.00	5,230.00	0.00	100.00
Morgantown Generating Station, Newburg, Charles	1,347.70	2.00	0.00	0.00	0.00	3,189.90	4,539.60	27,109.70	5,056.70
Mettiki Coal L.L.C., Oakland, Garrett	10.53	9.07	0.00	245.03	0.00	3,774.12	4,038.75	0.00	0.00
Allegheny Energy Inc. R. Paul Smith Power Station, Williamsport, Washington	86.00	0.00	0.00	0.00	0.00	2,820.00	2,906.00	0.00	0.00
Brandon Shores & Wagner Complex, Baltimore, Baltimore City	1,848.11	99.00	0.00	0.00	0.00	0.00	1,947.11	0.00	542.20

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

2001 Toxics Release Inventory

MARYLAND

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Brandon Shores & Wagner Complex, Baltimore, Baltimore City	**0**	**0**	**0**	**0**	**0**	**0**	**13,980,750**	**13,980,750**	**0**
Morgantown Generating Station, Newburg, Charles	0	0	0	0	0	0	7,784,303	7,784,303	0
Mirant Chalk Point L.L.C., Aquasco, Prince Georges	**0**	**0**	**0**	**0**	**0**	**0**	**4,311,487**	**4,311,487**	**0**
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	0	0	0	0	5,840,602	402	2,985,060	8,826,064	19,440
Dickerson Generating Station, Dickerson, Montgomery	**0**	**0**	**0**	**0**	**2,814,017**	**0**	**2,542,427**	**5,356,444**	**0**
C. P. Crane Generating Station, Baltimore, Baltimore City	0	0	0	0	0	0	2,290,005	2,290,005	0
Erachem Comilog Inc. Baltimore Plant, Baltimore, Baltimore City	**776,694**	**1,500,000**	**0**	**0**	**0**	**0**	**2,118,618**	**4,395,312**	**0**
Westvaco Corp. Fine Papers Div., Luke, Allegany	0	32	4,952,100	0	2,870,000	2,857,728	1,788,652	12,468,512	0
Grace Davison, Baltimore, Baltimore City	**4,511,800**	**16,250**	**0**	**0**	**7,426,560**	**8,442**	**1,718,318**	**13,681,370**	**0**
Bethlehem Steel Corp Sparrows Point Div., Sparrows Point, Baltimore	0	0	0	0	0	0	789,612	789,612	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**77,512.00**	**77,512.00**	**0.00**
Morgantown Generating Station, Newburg, Charles	0.00	0.00	0.00	0.00	0.00	0.00	36,706.00	36,706.00	0.00
Mirant Chalk Point L.L.C., Aquasco, Prince Georges	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20,983.00**	**20,983.00**	**0.00**
Dickerson Generating Station, Dickerson, Montgomery	0.00	0.00	0.00	0 00	0.00	0.00	16,783.00	16,783.00	0.00
Signode Eastern Ops., Baltimore, Baltimore	**0.00**	**103,898.00**	**0.00**	**0.00**	**0.00**	**0.00**	**10,625.00**	**114,523.00**	**0.00**
Tyson Foods Inc. Berlin Processing, Berlin, Worcester	0.00	0.00	0.00	0.00	0.00	0.00	9,376.00	9,376.00	0.00
Essroc Cement Corp., Frederick, Frederick	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**8,989.00**	**8,989.00**	**0.00**
Allen Family Foods, Hurlock, Dorchester	0.00	0.00	0.00	0.00	0.00	0.00	6,729.00	6,729.00	0.00
Eastalco Aluminum Co., Frederick, Frederick	**332,491.00**	**0.00**	**0.00**	**0.00**	**12,463.00**	**153.00**	**5,177.00**	**350,284.00**	**0.00**
Sherwin-Williams Co., Baltimore, Baltimore City	5,487.00	0.00	0.00	0.00	0.00	0.00	4,750.00	10,237.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

2001 Toxics Release Inventory

MASSACHUSETTS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	8,347,581
Air Emissions	7,447,906
Surface Water Discharges	73,437
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	935
Other On-site Land Releases	825,302
Off-site Releases (Transfers Off-site to Disposal)*	2,738,148
Total On- and Off-site Releases	**11,085,729**
Recycled On-site	12,026,251
Recycled Off-site	22,396,576
Energy Recovery On-site	4,548,040
Energy Recovery Off-site	4,392,581
Treated On-site	21,771,030
Treated Off-site**	13,646,998
Quantity Released On- and Off-site***	12,714,415
Total Production-related Waste Managed	**91,495,891**
Non-production-related Waste Managed	**57,905**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	22,676,428
Energy Recovery	4,434,819
Treatment	3,708,366
Publicly Owned Treatment Works (POTWs)	10,589,332
Metals and Metal Category Compounds*	60,141
Non-metal TRI Chemicals**	10,529,192
Other Off-site Transfers****	47,612
Transfers Off-site to Disposal *(not including metals to POTWs)*	2,745,651
Total Transfers Off-site for Further Waste Management, including Disposal	**44,202,209**

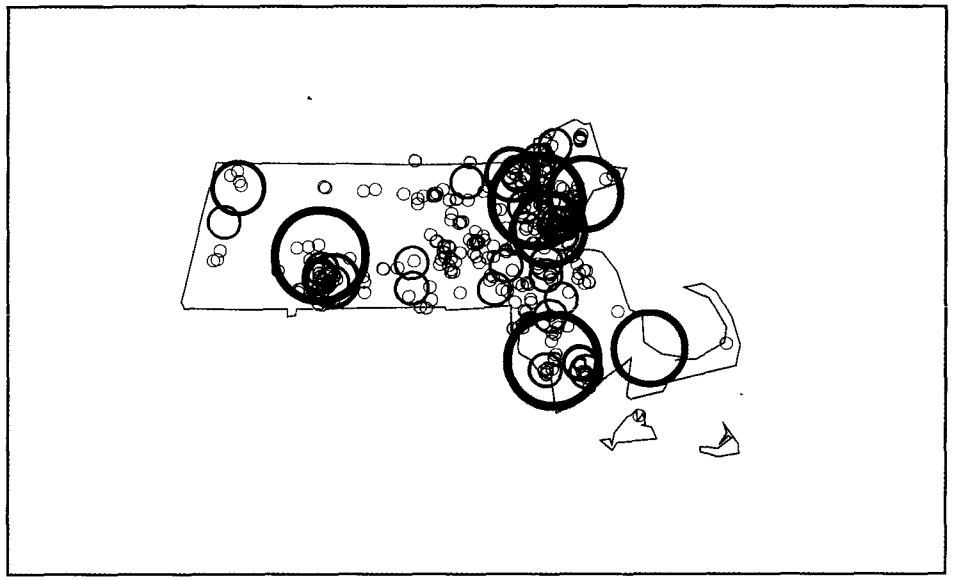
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Walter Hope
1 Winter Street
Boston, MA 02108
(617) 292-5982
Fax: (617) 292-5858
walter.hope@state.ma.us

EPA Regional Contact
Dwight Peavey
USEPA Region 1 (SPT)
1 Congress Street, Suite 11000
Boston, MA 02114-2023
(617) 918-1829
peavey.dwight@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Massachusetts. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	6,401,164
Square Miles	7,838
Total Facilities	654
Total Forms	1,915
Form As	180

	Total
National Rank for Total On- and Off-site Releases*	
Rank	45
Pounds	11,085,729
National Rank for Total On-site Releases**	
Rank	45
Pounds	8,347,581
National Rank for Total Releases within State***	
Rank	46
Pounds	10,280,979
National Rank for Production-related Waste Managed	
Rank	41
Pounds	91,495,891

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

MASSACHUSETTS

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical*	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal** Pounds	Total Releases in the State*** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**3,535,076**	**0**	**0**	**0**	**0**	**3,535,076**	**0**	**0**	**0**
108-88-3	Toluene	757,697	19	0	189	46,766	804,671	23,998	33,919	12,847
—	**Zinc compounds**	**9,930**	**1,065**	**0**	**62,026**	**589,505**	**662,526**	**5,917**	**375,575**	**213,930**
7664-41-7	Ammonia	591,589	6	0	0	33,235	624,830	0	14,875	18,360
—	**Vanadium compounds**	**16,438**	**61,875**	**0**	**20,569**	**415,471**	**514,353**	**0**	**59,354**	**356,117**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal** Pounds	Total Releases in the State*** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**1,626.94**	**30.70**	**0.00**	**5,184.83**	**284,518.48**	**291,360.94**	**79,501.63**	**46,944.02**	**237,574.45**
—	Polycyclic aromatic compounds	33,011.96	0.61	0.00	12.10	106.18	33,130.84	511.53	104.08	2.10
7439-92-1	**Lead**	**924.66**	**2.00**	**0.00**	**855.22**	**21,274.80**	**23,056.68**	**29,081.25**	**4,397.06**	**16,877.75**
—	Mercury compounds	233.50	0.00	0.00	4.20	169.90	407.60	9,210.70	86.10	83.80
191-24-2	**Benzo(g,h,i)perylene**	**356.06**	**0.00**	**0.00**	**0.10**	**1.62**	**357.78**	**15.77**	**1.61**	**0.01**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	277.00	277.00	0.01	0.00	277.00
7439-97-6	**Mercury**	**2.73**	**0.00**	**0.00**	**0.00**	**116.38**	**119.10**	**118.21**	**103.77**	**12.61**
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	109.00	109.00	0.00	0.00	109.00
—	**Dioxin and dioxin-like compounds**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.03**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*11.451*	*0.100*	*0.000*	*0.000*	*0.223*	*11.774*	*0.209*	*0.000*	*0.223*
309-00-2	**Aldrin**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—****	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
118-74-1	Hexachlorobenzene	—****	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—****	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—****	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—****	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—******	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* One facility, Genzyme in Allston, reported 701,119 pounds of on-site releases to land of ethylene glycol in error. It has been omitted from this table, but the correction was received too late to be included in the other tables in this report.

** Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

*** The chemicals ranking is based on the amounts in this column

**** No reports were submitted for these chemicals

2001 Toxics Release Inventory

MASSACHUSETTS

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County*	On-site Releases						Total On-site Releases**	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
USGen New England Inc., Somerset, Bristol	**1,158,936**	**3,792**	**0**	**0**	**0**	**514**	**1,163,242**	**132,317**	**413,873**
Northeast Generation Services Mt. Tom Station, Holyoke, Hampden	1,083,543	0	0	0	0	8,303	1,091,845	108,613	11
Somerset Power L.L.C., Somerset, Bristol	**944,285**	**10**	**0**	**0**	**0**	**0**	**944,295**	**0**	**0**
Salem Harbor Station, Salem, Essex	741,347	1,159	0	0	0	0	742,506	43,681	279,334
Mirant Canal L.L.C., Sandwich, Barnstable	**355,785**	**58,308**	**0**	**0**	**0**	**67,393**	**481,485**	**0**	**11**
Crown Cork & Seal Co. Inc., Lawrence, Essex	411,000	0	0	0	0	0	411,000	5	250
Ideal Tape Co., Lowell, Middlesex	**173,430**	**0**	**0**	**0**	**0**	**0**	**173,430**	**0**	**0**
MacDermid Graphic Arts, Adams, Berkshire	168,600	0	0	0	0	0	168,600	0	0
Solutia Inc., Springfield, Hampden	**121,341**	**0**	**0**	**0**	**0**	**704**	**122,045**	**191**	**1**
Majilite Mfg. Inc., Lowell, Middlesex	63,100	0	0	0	0	0	63,100	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases**	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Merrimac Paper Co. Inc., Lawrence, Essex	30,699.00	0.00	0.00	0.00	0.00	0.00	30,699.00	0.00	0.00
Mirant Canal L.L.C., Sandwich, Barnstable	175.81	2.60	0.00	0 00	0.00	2,128.00	2,306.41	0.00	10 50
David Clark Co. Inc., Worcester, Worcester	1,334.93	0.00	0.00	0.00	0.00	0.00	1,334.93	0.00	0.00
Warren Laundry Inc., Warren, Worcester	1,201.36	0.00	0.00	0.00	0.00	0.00	1,201.36	0.00	0.00
Precix Inc., New Bedford, Bristol	0.60	0.00	0.00	0.00	0.00	728.00	728.60	728.00	0.00
Solutia Inc., Springfield, Hampden	17.20	0.00	0.00	0.00	0.00	704.20	721.40	0 00	2.00
Fiberoptic Components Inc., Sterling, Worcester	0.00	0.00	0.00	0.00	0.00	683.50	683.50	0.00	0.00
Glines & Rhodes Inc., Attleboro, Bristol	5.00	0.00	0.00	0.00	0.00	511.00	516.00	0 00	0 00
Leach & Garner Co. General Findings Div., North Attleboro, Bristol	1.00	0.00	0.00	0.00	449.00	0.00	450.00	0.00	449.00
Polymer Concentrates Inc., Clinton, Worcester	0.00	0.00	0.00	0.00	2.00	356.00	358.00	0 00	0 00

* One facility, Genzyme in Allston, reported 701,119 pounds of on-site releases to land of ethylene glycol in error. The facility has been omitted from this table, but the correction was received too late to be included in the other tables in this report

** The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County*	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site** Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
USGen New England Inc., Somerset, Bristol	**0**	**0**	**0**	**0**	**0**	**0**	**1,709,538**	**1,709,538**	**0**
Northeast Generation Services Mt. Tom Station, Holyoke, Hampden	0	0	0	0	0	0	1,201,345	1,201,345	0
Salem Harbor Station, Salem, Essex	**0**	**170**	**0**	**0**	**0**	**0**	**1,065,491**	**1,065,661**	**0**
Somerset Power L.L.C., Somerset, Bristol	0	0	0	0	636,900	0	944,280	1,581,180	0
Mirant Canal L.L.C., Sandwich, Barnstable	**0**	**0**	**0**	**0**	**0**	**0**	**746,230**	**746,230**	**0**
Crown Cork & Seal Co. Inc., Lawrence, Essex	0	0	0	0	26,400	7	412,320	438,727	0
Hudson Lock L.L.C, Hudson, Middlesex	**0**	**180,447**	**0**	**0**	**0**	**0**	**370,355**	**550,802**	**0**
Allegheny Rodney, New Bedford, Bristol	0	0	35,200	21,165	500,216	3,795	348,062	908,438	0
Precision Lithograining Corp., South Hadley, Hampshire	**0**	**0**	**0**	**0**	**416,700**	**0**	**282,794**	**699,494**	**0**
Avedis Zildjian Co., Norwell, Plymouth	1,021,481	240,146	0	0	0	0	260,054	1,521,681	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site** Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Clean Harbors of Braintree Inc., Braintree, Norfolk	**0.00**	**279,717.00**	**0.00**	**0.00**	**0.00**	**0.00**	**135,162.00**	**414,879.00**	**5.00**
American Insulated Wire Corp. Northeast, Attleboro, Bristol	460.00	15,509.00	0.00	0.00	0.00	21.00	48,322.00	64,312.00	0.00
Merrimac Paper Co. Inc., Lawrence, Essex	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**30,699.00**	**30,699.00**	**0.00**
Comtran Corp., Whitinsville, Worcester	0.00	7,100.00	0.00	0.00	0.00	0.00	15,200.00	22,300.00	0.00
USGen New England Inc., Somerset, Bristol	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14,218.00**	**14,218.00**	**0.00**
Solectron Massachusetts Corp., Westborough, Worcester	0.00	8,274.00	0.00	0.00	0.00	0.00	8,274.00	16,548.00	0.00
Schott Fiber Optics Inc., Southbridge, Worcester	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7,751.00**	**7,751.00**	**0.00**
Mirant Canal L.L.C., Sandwich, Barnstable	0.00	0.00	0.00	0.00	0.00	0.00	6,843.00	6,843.00	0.00
United Lens Co. Inc., Southbridge, Worcester	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,367.00**	**6,367.00**	**12,734.00**	**0.00**
Printed Circuit Corp., Woburn, Middlesex	0.00	4,418.00	0.00	0.00	0.00	0.00	4,686.00	9,104.00	0.00

* One facility, Genzyme in Allston, reported 701,119 pounds quantity released on- and off-site of ethylene glycol in error The facility has been omitted from this table, but the correction was received too late to be included in the other tables in this report.
** The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

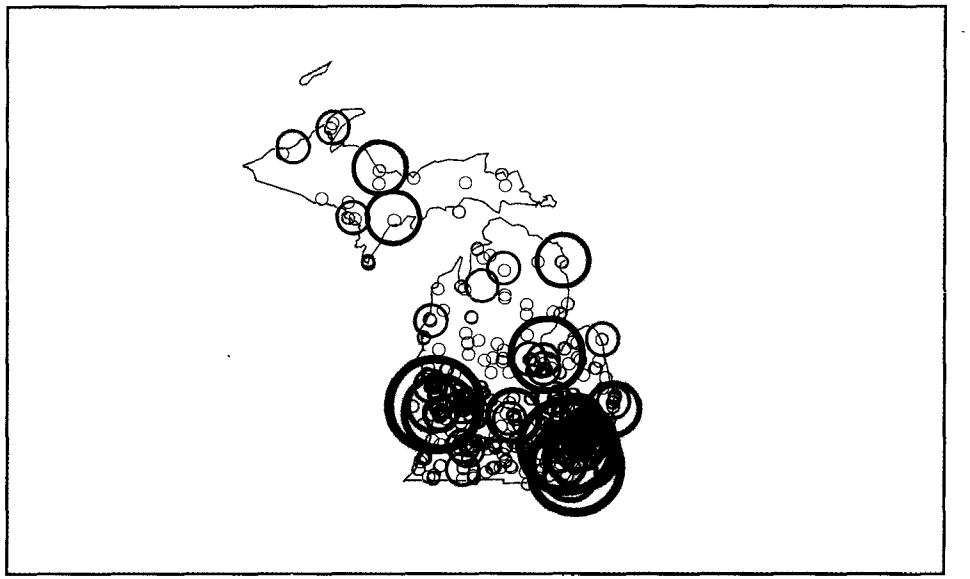
2001 Toxics Release Inventory

MICHIGAN

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	82,472,496
Air Emissions	56,656,492
Surface Water Discharges	1,043,401
Underground Injection Class I Wells	2,509,470
Underground Injection Class II-V Wells	100
On-site Land Releases to RCRA Subtitle C Landfills	12,843,205
Other On-site Land Releases	9,419,827
Off-site Releases (Transfers Off-site to Disposal)*	49,444,297
Total On- and Off-site Releases	**131,916,793**
Recycled On-site	101,296,499
Recycled Off-site	89,483,441
Energy Recovery On-site	9,885,512
Energy Recovery Off-site	187,813,997
Treated On-site	105,470,376
Treated Off-site**	34,797,894
Quantity Released On- and Off-site***	131,636,741
Total Production-related Waste Managed	**660,384,461**
Non-production-related Waste Managed	**141,624**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	89,316,418
Energy Recovery	199,798,707
Treatment	19,660,736
Publicly Owned Treatment Works (POTWs)	15,667,572
Metals and Metal Category Compounds*	247,148
Non-metal TRI Chemicals**	15,420,424
Other Off-site Transfers****	17,068
Transfers Off-site to Disposal *(not including metals to POTWs)*	49,593,734
Total Transfers Off-site for Further Waste Management, including Disposal	**374,054,235**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases, e.g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Michigan. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	10,006,266
Square Miles	56,809
Total Facilities	939
Total Forms	3,839
Form As	373

	Total
National Rank for Total On- and Off-site Releases*	
Rank	14
Pounds	131,916,793
National Rank for Total On-site Releases**	
Rank	18
Pounds	82,472,496
National Rank for Total Releases within State***	
Rank	12
Pounds	144,825,129
National Rank for Production-related Waste Managed	
Rank	16
Pounds	660,384,461

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

For More Information . . .

State Contact
Robert Jackson
P.O. Box 30457
Lansing, MI 48909
(517) 373-8481
Fax: (517) 241-7966
jacksorc@michigan.gov

EPA Regional Contact
Thelma Codina
USEPA Region 5 (DT-8J)
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886- 6219
codina.thelma@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

MICHIGAN

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds**	**232,287**	**21,331**	**13,000**	**653,887**	**29,956,261**	**30,876,766**	**1,950,392**	**29,802,759**	**246,976**
7647-01-0	Hydrochloric acid	28,082,208	0	5	0	700	28,082,913	0	700	0
—	**Barium compounds**	**175,656**	**37,006**	**0**	**5,522,759**	**2,366,863**	**8,102,284**	**433,307**	**2,364,294**	**2,569**
—	Nickel compounds	26,240	1,553	0	4,133,770	2,241,274	6,402,837	260,436	2,302,120	63,673
—	**Manganese compounds**	**77,812**	**86,550**	**11,000**	**1,038,987**	**3,888,786**	**5,103,135**	**635,031**	**3,901,360**	**12,426**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**34,218.04**	**5,047.88**	**2.00**	**635,232.00**	**1,040,888.34**	**1,715,388.25**	**1,614,105.83**	**1,032,118.46**	**12,247.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	95.00	0.00	0.00	1,247,638.00	1,974.14	1,249,707.14	329.09	1,974.14	0.00
7439-92-1	**Lead**	**10,446.34**	**74.63**	**0.00**	**7,248.58**	**115,079.74**	**132,849.28**	**219,061.82**	**88,499.74**	**26,581.20**
—	Polycyclic aromatic compounds	34,461.02	30.63	0.00	15,481.78	11,589.21	61,562.64	19,271.75	10,564.21	1,025.00
—	**Mercury compounds**	**3,243.00**	**21.81**	**0.00**	**14,524.74**	**6,347.36**	**24,136.91**	**7,147.31**	**6,325.16**	**22.20**
118-74-1	Hexachlorobenzene	124.51	0.00	0.00	4,189.00	2,467.00	6,780.51	2.74	2,048.00	419.00
191-24-2	**Benzo(g,h,i)perylene**	**3,777.92**	**15.90**	**0.00**	**1,094.61**	**637.14**	**5,525.57**	**680.75**	**503.14**	**134.00**
8001-35-2	Toxaphene	39.00	0.00	0.00	1,690.00	825.00	2,554.00	235.61	825.00	0.00
7439-97-6	**Mercury**	**752.64**	**0.00**	**0.00**	**44.00**	**892.60**	**1,689.24**	**24,887.35**	**87.97**	**820.00**
57-74-9	Chlordane	5.00	0.00	0.00	277.00	219.00	501.00	0.00	205.00	14.00
465-73-6	**Isodrin**	**0.00**	**0.00**	**0.00**	**19.00**	**15.00**	**34.00**	**2.23**	**15.00**	**0.00**
76-44-8	Heptachlor	0.00	0.00	0.00	23.00	0.00	23.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.06**	**0.01**	**0.00**	**1.61**	**0.34**	**2.02**	**0.16**	**0.34**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*25.334*	*2.565*	*0.000*	*731.921*	*156.237*	*916.057*	*72.723*	*156.237*	*0.000*
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

MICHIGAN

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Wayne Disposal Inc., Belleville, Wayne	**23,615**	**0**	**0**	**0**	**12,752,780**	**0**	**12,776,395**	**5,422,836**	**19,802**
Detroit Edison Monroe Power Plant, Monroe, Monroe	10,136,199	27,240	0	0	0	2,305,120	12,468,559	4	0
J. H. Campbell Generating Plant, West Olive, Ottawa	**5,936,160**	**3,594**	**0**	**0**	**0**	**2,009,897**	**7,949,651**	**0**	**0**
De Karn - JC Weadock Generating Plant, Essexville, Bay	2,763,890	11,681	0	0	0	1,351,863	4,127,434	0	0
Detroit Edison-Trenton Channel Power Plant, Trenton, Wayne	**2,293,710**	**3,872**	**0**	**0**	**0**	**39,661**	**2,337,243**	**830,091**	**0**
Pfizer Inc. Parke-Davis Div., Holland, Ottawa	44,892	0	2,275,110	0	0	0	2,320,002	15,295	255
Holcim (US) Inc. - Dundee Plant, Dundee, Monroe	**1,940,986**	**0**	**0**	**0**	**0**	**9,291**	**1,950,277**	**50**	**0**
Lansing Board of Water & Light- Eckert, Lansing, Ingham	1,872,689	722	0	0	0	0	1,873,411	744,753	0
Detroit Edison River Rouge Power Plant, River Rouge, Wayne	**1,655,062**	**9,163**	**0**	**0**	**0**	**7,148**	**1,671,372**	**483,555**	**0**
J. R. Whiting Generating Plant, Erie, Monroe	1,126,476	8,211	0	0	0	469,196	1,603,883	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Wayne Disposal Inc., Belleville, Wayne	550.00	0.00	0.00	0.00	1,688,732.00	0.00	1,689,282.00	216,217.00	1,592.00
GMC Saginaw Metal Casting Ops., Saginaw, Saginaw	554.01	0.00	0.00	0.00	0.00	58,044.00	58,598.01	117.00	13.00
Detroit Edison Monroe Power Plant, Monroe, Monroe	1,253.90	161.00	0.00	0.00	0.00	43,215.00	44,629.90	4.40	0.00
J. H. Campbell Generating Plant, West Olive, Ottawa	524.00	0.00	0.00	0.00	0.00	40,119.00	40,643.00	0.00	0.00
De Karn -- JC Weadock Generating Plant, Essexville, Bay	703.00	1.00	0.00	0.00	0.00	29,063.00	29,767.00	0.00	0.00
Holcim (US) Inc. - Dundee Plant, Dundee, Monroe	19,080.00	0.00	0.00	0.00	0.00	8,163.00	27,243.00	0.45	0.00
McLaren Performance Techs., Livonia, Wayne	14,153.00	0.00	0.00	0.00	0.00	0.00	14,153.00	0.00	0.00
National Steel Corp. Greatlakes Ops., Ecorse, Wayne	13,452.30	460.00	0.00	0.00	0.00	0.00	13,912.30	201,201.00	988.00
J. R. Whiting Generating Plant, Erie, Monroe	117.00	1.00	0.00	0.00	0.00	11,596.00	11,714.00	0.00	0.00
Lafarge Midwest Inc., Alpena, Alpena	75.50	25.00	0.00	0.00	0.00	10,577.00	10,677.50	73.40	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Wayne Disposal Inc., Belleville, Wayne	**0**	**0**	**0**	**0**	**226,822**	**0**	**18,297,955**	**18,524,777**	**0**
Rouge Steel Co., Dearborn, Wayne	0	142,627	0	0	0	0	14,669,143	14,811,770	0
National Steel Corp. Greatlakes Ops., Ecorse, Wayne	**4,944,200**	**6,251**	**0**	**0**	**2,795,000**	**118,191**	**14,600,525**	**22,464,167**	**0**
Detroit Edison Monroe Power Plant, Monroe, Monroe	0	0	0	0	2,914,547	0	12,459,702	15,374,249	0
J. H. Campbell Generating Plant, West Olive, Ottawa	**283,583**	**0**	**0**	**0**	**835,000**	**0**	**7,659,685**	**8,778,268**	**0**
De Karn - JC Weadock Generating Plant, Essexville, Bay	130,670	0	0	0	648,000	0	3,993,453	4,772,123	0
Detroit Edison-Trenton Channel Power Plant, Trenton, Wayne	**0**	**0**	**0**	**0**	**664,650**	**1**	**3,172,290**	**3,836,940**	**0**
Lansing Board of Water & Light- Eckert, Lansing, Ingham	0	233,020	0	0	0	0	2,611,164	2,844,185	0
T.E.S. Filer City Station, Filer City, Manistee	**0**	**0**	**0**	**0**	**561,025**	**0**	**2,529,134**	**3,090,159**	**0**
Pfizer Inc. Parke-Davis Div., Holland, Ottawa	412,679	4,688,053	0	27,695,138	811,598	120,931	2,328,444	36,056,843	181

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Wayne Disposal Inc., Belleville, Wayne	**0.00**	**0.00**	**0.00**	**0.00**	**5,340.00**	**0.00**	**1,907,675.00**	**1,913,015.00**	**0.00**
Perma-Fix of Michigan Inc., Brownstown, Wayne	0.00	0.00	0.00	0.00	0.00	0.00	258,512.00	258,512.00	0.00
National Steel Corp. Greatlakes Ops., Ecorse, Wayne	**260,000.00**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**213,550.00**	**473,551.00**	**0.00**
Rouge Steel Co., Dearborn, Wayne	0.00	9,002.00	0.00	0.00	0.00	0.00	207,672.00	216,674.00	0.00
U.S. Liquids of Detroit Inc., Detroit, Wayne	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**909.00**	**62,408.00**	**63,317.00**	**0.00**
GMC Saginaw Metal Casting Ops., Saginaw, Saginaw	0.00	0.00	0.00	0.00	0.00	0.00	59,054.00	59,054.00	0.00
Detroit Edison Monroe Power Plant, Monroe, Monroe	**0.00**	**0.00**	**0.00**	**0.00**	**514,547.00**	**0.00**	**44,629.00**	**559,176.00**	**0.00**
J. H. Campbell Generating Plant, West Olive, Ottawa	1,823.00	0.00	0.00	0.00	0.00	0.00	38,685.00	40,508.00	0.00
Sandvik Steel Co., Benton Harbor, Berrien	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**32,313.00**	**32,313.00**	**0.00**
De Karn – JC Weadock Generating Plant, Essexville, Bay	870.00	0.00	0.00	0.00	0.00	0.00	28,453.00	29,323.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

MINNESOTA

Reported Releases and Other Waste Management Activities (in pounds)

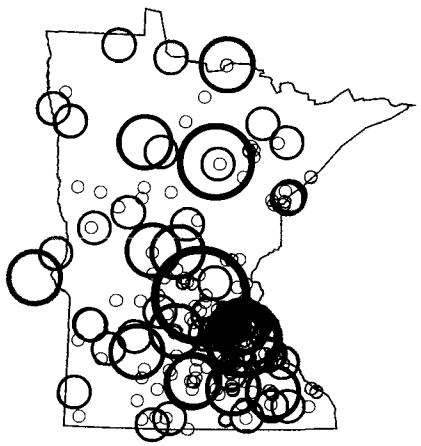
	Total
On-site Releases	25,520,439
Air Emissions	14,252,131
Surface Water Discharges	1,571,683
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	250
Other On-site Land Releases	9,696,375
Off-site Releases (Transfers Off-site to Disposal)*	7,874,871
Total On- and Off-site Releases	**33,395,310**
Recycled On-site	177,218,187
Recycled Off-site	20,369,261
Energy Recovery On-site	1,725,850
Energy Recovery Off-site	1,742,186
Treated On-site	70,831,646
Treated Off-site**	16,683,765
Quantity Released On- and Off-site***	32,817,974
Total Production-related Waste Managed	**321,388,869**
Non-production-related Waste Managed	**688,794**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	20,348,878
Energy Recovery	1,737,752
Treatment	2,445,488
Publicly Owned Treatment Works (POTWs)	14,440,166
Metals and Metal Category Compounds*	155,214
Non-metal TRI Chemicals**	14,284,952
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,857,102
Total Transfers Off-site for Further Waste Management, including Disposal	**46,829,386**

* Transfers to POTWs of metals and metal category compounds are included in off site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions

**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Minnesota. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	4,984,535
Square Miles	79,617
Total Facilities	505
Total Forms	1,596
Form As	291

	Total
National Rank for Total On- and Off-site Releases*	
Rank	35
Pounds	33,395,310
National Rank for Total On-site Releases**	
Rank	34
Pounds	25,520,439
National Rank for Total Releases within State***	
Rank	36
Pounds	28,360,456
National Rank for Production-related Waste Managed	
Rank	28
Pounds	321,388,869

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Steve Tomlyanovich
444 Cedar Street, Suite 223
St. Paul, MN 55101
(651) 282-5396
Fax: (651) 296-0459
steve.tomlyanovich@state.mn.us

EPA Regional Contact
Thelma Codina
USEPA Region 5 (DT-8J)
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886- 6219
codina.thelma@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

MINNESOTA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Barium compounds**	**71,794**	**15,179**	**0**	**6,991,589**	**1,265,325**	**8,343,887**	**0**	**1,088,920**	**176,405**
—	Copper compounds	9,598	882	0	281,020	2,129,265	2,420,765	10,983	93,635	2,035,630
7664-41-7	**Ammonia**	**1,790,288**	**43,283**	**0**	**36,315**	**3,315**	**1,873,201**	**500**	**3,315**	**0**
—	Zinc compounds	55,945	4,626	0	436,020	1,346,393	1,842,984	17,751	130,081	1,216,312
67-56-1	**Methanol**	**1,607,501**	**103**	**0**	**0**	**4,434**	**1,612,038**	**0**	**4,434**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**12,131.27**	**806.08**	**0.00**	**183,029.06**	**285,061.27**	**481,027.68**	**3,091.57**	**29,072.67**	**255,988.60**
7439-92-1	Lead	6,663.57	0.10	0.00	8.00	194,945.60	201,617.26	602.33	191,132.40	3,813.20
—	**Polycyclic aromatic compounds**	**4,162.95**	**0.00**	**0.00**	**52.00**	**837.64**	**5,052.59**	**0.00**	**414.31**	**423.33**
—	Mercury compounds	1,775.03	1.64	0.00	962.96	378.16	3,117.78	0.00	97.43	280.72
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**1,295.21**	**1,295.21**	**0.00**	**0.21**	**1,295.00**
191-24-2	Benzo(g,h,i)perylene	85.93	0.00	0.00	0.65	107.59	194.18	0.00	18.46	89.14
7439-97-6	**Mercury**	**60.29**	**0.00**	**0.00**	**0.00**	**13.75**	**74.04**	**0.00**	**8.60**	**5.15**
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	2.02	0.04	2.08	0.00	0.00	0.04
—	***Dioxin and dioxin-like compounds (in grams)***	***9.143***	***0.000***	***0.000***	***916.134***	***17.299***	***942.576***	***0.000***	***0.625***	***16.674***
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

MINNESOTA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection: Class I Wells Pounds	On-site Releases: Underground Injection: Class II-V Wells Pounds	On-site Releases to Land: RCRA Subtitle C Landfills Pounds	On-site Releases to Land: Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Within State Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Out of State Pounds
Northern States Power Co., Becker, Sherburne	**88,981**	**210**	**0**	**0**	**0**	**7,220,293**	**7,309,485**	**334**	**0**
Boswell Energy Center, Cohasset, Itasca	132,383	11,131	0	0	0	1,853,718	1,997,232	76	25
Koch Petroleum Group L.P., Inver Grove Heights, Dakota	**352,658**	**768,019**	**0**	**0**	**0**	**57**	**1,120,735**	**2,436**	**3,151**
3M Cottage Grove Center, Cottage Grove, Washington	300,093	509,326	0	0	0	0	809,419	524	130,353
Electrolux Home Prods. Freezers, Saint Cloud, Stearns	**618,015**	**0**	**0**	**0**	**0**	**0**	**618,015**	**21,000**	**0**
Potlatch Corp. MN P & P Div., Cloquet, Carlton	397,079	0	0	0	0	163,004	560,083	38,724	0
Ford Motor Co. Twin Cities Assembly Plant, Saint Paul, Ramsey	**524,235**	**0**	**0**	**0**	**0**	**0**	**524,235**	**1,500**	**16,040**
Boise Cascade Corp., International Falls, Koochiching	486,256	20,720	0	0	0	0	506,976	19,794	0
Central Bi-Products, Long Prairie, Todd	**434,750**	**0**	**0**	**0**	**0**	**250**	**435,000**	**0**	**0**
Cenex Harvest States Oilseed Processing & Refining, Mankato, Blue Earth	434,000	250	0	0	250	0	434,500	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection: Class I Wells Pounds	On-site Releases: Underground Injection: Class II-V Wells Pounds	On-site Releases to Land: RCRA Subtitle C Landfills Pounds	On-site Releases to Land: Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Within State Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Out of State Pounds
Northern States Power Co., Becker, Sherburne	1,969.30	0.00	0.00	0.00	0.00	171,753.22	173,722.52	0.20	0.10
Boswell Energy Center, Cohasset, Itasca	1,083.20	11.00	0.00	0.00	0.00	6,688.00	7,782.20	1.00	0.00
Watlow Winona Inc., Winona, Winona	3,319.00	0.00	0.00	0.00	0.00	0.00	3,319.00	0.00	8.13
Potlatch Corp. MN P & P Div., Cloquet, Carlton	128.00	0.00	0.00	0.00	0.00	3,067.00	3,195.00	0.00	136.00
Gopher Resource Corp., Eagan, Dakota	2,969.00	0.00	0.00	0.00	0.00	0.00	2,969.00	186,000.00	46.00
AG Processing Inc. A Cooperative, Dawson, Lac Qui Parle	2,426.00	0.00	0.00	0.00	0.00	0.00	2,426.00	0.00	0.00
Northland Aluminum Prods. Inc., Minneapolis, Hennepin	2,176.00	0.00	0.00	0.00	0.00	0.00	2,176.00	906.00	3,172.00
Koch Petroleum Group L.P., Inver Grove Heights, Dakota	1,006.33	4.21	0 00	0.00	0.00	0.00	1,010.54	311.06	2,001 30
Potlatch Corp., Brainerd, Crow Wing	181.12	6.50	0.00	0.00	0.00	763.48	951.10	0.00	0.00
American Crystal Sugar Co., East Grand Forks, Polk	831.55	0.00	0.00	0.00	0.00	0.00	831.55	0.00	0 00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

MINNESOTA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Northern States Power Co., Becker, Sherburne	**0**	**0**	**0**	**0**	**620,640**	**0**	**7,278,163**	**7,898,803**	**0**
North Star Recycling, Saint Paul, Ramsey	240,000	81	0	0	0	0	2,743,386	2,983,467	588,225
Boswell Energy Center, Cohasset, Itasca	**0**	**0**	**0**	**0**	**125,000**	**0**	**1,975,773**	**2,100,773**	**0**
U.S. Filter Recovery Services Inc., Roseville, Ramsey	2,459,014	46,372	0	0	60,000	13,435	1,324,451	3,903,272	0
Koch Petroleum Group L.P., Inver Grove Heights, Dakota	**295,743**	**58,498**	**0**	**628**	**22,406,023**	**574**	**1,123,041**	**23,884,507**	**2,400**
Xcelenergy A.S. King Generating Plant, Bayport, Washington	0	0	0	0	123,000	0	1,083,536	1,206,536	0
3M Cottage Grove Center, Cottage Grove, Washington	**0**	**1,022,923**	**79,294**	**46,822**	**11,728,417**	**138,092**	**940,296**	**13,955,844**	**0**
Electrolux Home Prods. Freezers, Saint Cloud, Stearns	0	30,000	0	0	0	0	639,015	669,015	0
Potlatch Corp. MN P & P Div., Cloquet, Carlton	**0**	**0**	**500,875**	**0**	**6,283,588**	**8,196,360**	**598,741**	**15,579,564**	**1**
Ford Motor Co. Twin Cities Assembly Plant, Saint Paul, Ramsey	0	561,145	0	106	319,159	27,300	546,049	1,453,759	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Gopher Resource Corp., Eagan, Dakota	**145,000,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**190,000.00**	**145,190,000.00**	**5,300.00**
Northern States Power Co., Becker, Sherburne	0.00	0.00	0.00	0.00	0.00	0.00	173,618.00	173,618.00	0.00
North Star Recycling, Saint Paul, Ramsey	**80,000.00**	**81.00**	**0.00**	**0.00**	**0.00**	**0.00**	**125,210.00**	**205,291.00**	**26,878.00**
Federal Cartridge Co., Anoka, Anoka	0.00	703.00	0.00	0.00	0.00	0.00	73,776.00	74,479.00	2,335.00
U.S. Filter Recovery Services Inc., Roseville, Ramsey	**0.00**	**740.00**	**0.00**	**0.00**	**0.00**	**0.00**	**21,141.00**	**21,881.00**	**0.00**
Boswell Energy Center, Cohasset, Itasca	0.00	0.00	0.00	0.00	0.00	0.00	7,773.00	7,773.00	0.00
Xcelenergy A.S. King Generating Plant, Bayport, Washington	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7,536.00**	**7,536.00**	**0.00**
Northland Aluminum Prods. Inc., Minneapolis, Hennepin	0.00	0.00	0.00	0.00	0.00	0.00	6,254.00	6,254.00	0.00
Marathon Ashland Petroleum L.L.C. Saint Paul Park Refy., Saint Paul Park, Washington	**5,456.00**	**12.00**	**0.00**	**1,010.00**	**0.00**	**3.00**	**5,939.00**	**12,420.00**	**0.00**
Spectro Alloys Corp., Rosemount, Dakota	0.00	0.00	0.00	0.00	0.00	0.00	3,932.00	3,932.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

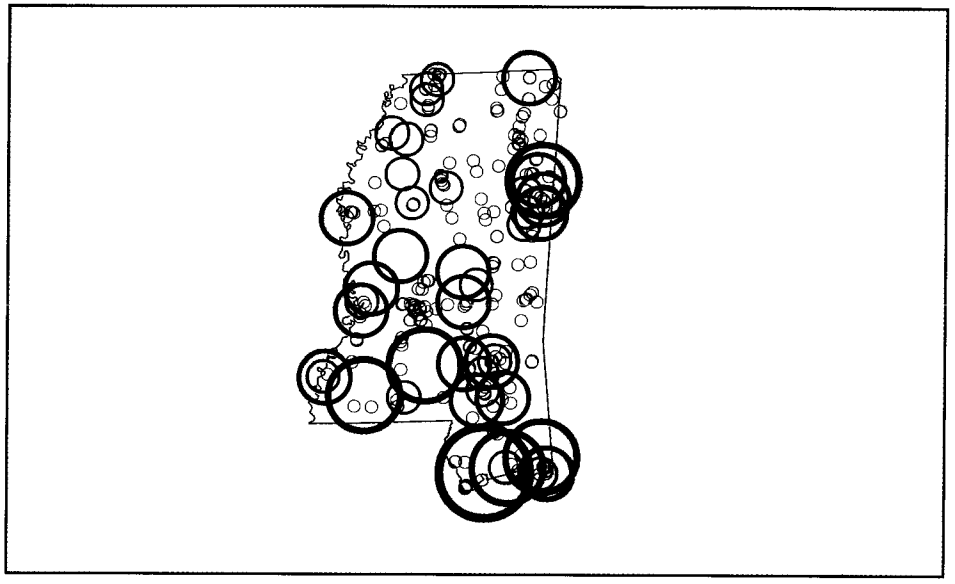
2001 Toxics Release Inventory

MISSISSIPPI

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	69,195,147
Air Emissions	37,063,726
Surface Water Discharges	12,964,677
Underground Injection Class I Wells	11,046,901
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	176,756
Other On-site Land Releases	7,943,087
Off-site Releases (Transfers Off-site to Disposal)*	1,891,154
Total On- and Off-site Releases	**71,086,301**
Recycled On-site	161,638,689
Recycled Off-site	26,687,871
Energy Recovery On-site	55,310,964
Energy Recovery Off-site	4,406,110
Treated On-site	95,243,267
Treated Off-site**	4,003,560
Quantity Released On- and Off-site***	71,475,274
Total Production-related Waste Managed	**418,765,736**
Non-production-related Waste Managed	**286,446**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	26,335,512
Energy Recovery	4,415,345
Treatment	1,175,797
Publicly Owned Treatment Works (POTWs)	2,871,487
Metals and Metal Category Compounds*	6,382
Non-metal TRI Chemicals**	2,865,105
Other Off-site Transfers****	4,355
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,942,202
Total Transfers Off-site for Further Waste Management, including Disposal	**36,744,698**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Mississippi All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,859,733
Square Miles	46,914
Total Facilities	356
Total Forms	1,373
Form As	205

	Total
National Rank for Total On- and Off-site Releases*	
Rank	24
Pounds	71,086,301
National Rank for Total On-site Releases**	
Rank	23
Pounds	69,195,147
National Rank for Total Releases within State***	
Rank	23
Pounds	70,573,422
National Rank for Production-related Waste Managed	
Rank	20
Pounds	418,765,736

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

For More Information . . .

State Contact
John David Burns
P.O. Box 20305
Jackson, MS 39289-1305
(601) 961-5005
Fax: (601) 961-5660
john_d_burns@deq.state.ms.us

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

MISSISSIPPI

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Manganese compounds**	**61,504**	**227,901**	**8,900,000**	**3,794,965**	**115,026**	**13,099,396**	**657**	**87,310**	**27,716**
—	Nitrate compounds	57,302	12,090,108	0	250	0	12,147,660	4	0	0
67-56-1	**Methanol**	**6,728,506**	**68,245**	**1,339**	**2,405**	**7,524**	**6,808,019**	**0**	**524**	**7,000**
7647-01-0	Hydrochloric acid	5,950,970	0	0	0	0	5,950,970	0	0	0
7664-41-7	**Ammonia**	**4,452,540**	**394,837**	**0**	**46,552**	**255**	**4,894,184**	**148**	**0**	**255**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**11,210.38**	**1,076.33**	**188,000.00**	**124,258.31**	**59,451.21**	**383,996.24**	**9,048.10**	**47,211.69**	**12,239.53**
7439-92-1	Lead	728.00	147.20	0.00	12,117.36	5,583.32	18,575.89	1,830.00	4,314.81	1,268.51
—	**Mercury compounds**	**632.80**	**135.26**	**1,052.90**	**5,365.20**	**218.04**	**7,404.20**	**116.28**	**217.99**	**0.05**
—	Polycyclic aromatic compounds	2,471.74	132.40	0.00	275.61	2,506.30	5,386.05	13,000.32	2,506.00	0.30
118-74-1	**Hexachlorobenzene**	**1.10**	**0.00**	**0.00**	**2,984.50**	**0.00**	**2,985.60**	**0.00**	**0.00**	**0.00**
40487-42-1	Pendimethalin	1,050.00	0.00	0.00	0.00	0.00	1,050.00	0.00	0.00	0.00
608-93-5	**Pentachlorobenzene**	**0.30**	**0.00**	**0.00**	**900.30**	**0.00**	**900.60**	**0.00**	**0.00**	**0.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	163.70	0.00	163.70	0.00	0.00	0.00
29082-74-4	**Octachlorostyrene**	**0.00**	**0.00**	**0.00**	**123.60**	**0.00**	**123.60**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	9.92	7.80	0.00	2.60	58.00	78.32	0.00	58.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.03**	**0.52**	**0.00**	**40.73**	**0.01**	**41.30**	**0.00**	**0.00**	**0.01**
—	*Dioxin and dioxin-like compounds (in grams)*	*13.556*	*234 897*	*0.000*	*18,473.442*	*6.153*	*18,728.048*	*0.000*	*0.089*	*6.064*
7439-97-6	**Mercury**	**0.00**	**0.00**	**0.00**	**34.24**	**1.32**	**35.56**	**13.30**	**1.32**	**0.00**
1582-09-8	Trifluralin	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0 00
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	**Toxaphene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

MISSISSIPPI

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	**2,126,894**	**866**	**11,035,253**	**0**	**0**	**700,344**	**13,863,356**	**32**	**0**
Vicksburg Chemical Co., Vicksburg, Warren	153,138	5,599,007	0	0	0	0	5,752,145	0	0
Mississippi Power Co. Plant Watson, Gulfport, Harrison	**3,240,228**	**11,845**	**0**	**0**	**0**	**732,033**	**3,984,106**	**0**	**0**
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	224,530	43,900	0	0	0	3,024,501	3,292,931	0	0
Georgia-Pacific Corp., Monticello, Lawrence	**2,478,757**	**121,655**	**0**	**0**	**0**	**100,424**	**2,700,835**	**0**	**0**
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	1,808,012	0	0	0	0	866,039	2,674,050	0	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	**803,791**	**1,013,158**	**0**	**0**	**0**	**0**	**1,816,949**	**0**	**0**
Leaf River Forest Prods., New Augusta, Perry	1,562,247	100,635	0	0	0	716	1,663,598	0	0
Central Inds. Inc., Forest, Scott	**31,287**	**1,625,487**	**0**	**0**	**0**	**0**	**1,656,774**	**0**	**0**
International Paper - Natchez Mill, Natchez, Adams	876,588	272,340	0	0	0	493,386	1,642,314	304	27,129

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	59.10	62.50	189,052.90	0.00	0.00	46,720.93	235,895.43	2.20	0.00
Mississippi Power Co. Plant Watson, Gulfport, Harrison	850.40	44.80	0.00	0.00	0.00	34,262.90	35,158.10	0.00	0.00
Holcim (US) Inc. Artesia Plant, Artesia, Lowndes	60.00	0.00	0.00	0.00	0.00	20,007.00	20,067.00	0.00	0.00
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	880.60	0.00	0.00	0.00	0.00	12,296.50	13,177.10	0.00	0.00
Greenwood Utlities, Greenwood, Leflore	549.62	0.00	0.00	0.00	0.00	7,629.28	8,178.90	0.00	0.00
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	0.18	200.00	0.00	0.00	0.00	6,500.58	6,700.76	0.00	0.00
Georgia-Pacific Corp., Monticello, Lawrence	494.68	263.00	0.00	0.00	0.00	3,979.80	4,737.48	0.00	0.00
Tractebel Power Inc. - Red Hills Power Plant, Ackerman, Choctaw	0.00	0.00	0.00	0.00	4,312.00	0.00	4,312.00	0.00	0.00
Kerr-McGee Chemical L.L.C. Hamilton Electrolytic Plant, Hamilton, Monroe	0.00	0.00	0.00	0.00	0.00	4,060.00	4,060.00	0.00	0.00
International Paper - Natchez Mill, Natchez, Adams	388.30	19.80	0.00	0.00	0.00	2,935.60	3,343.71	3.00	290.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	**0**	**0**	**0**	**0**	**10,620,000**	**18,400**	**13,863,389**	**24,501,789**	**0**
Vicksburg Chemical Co., Vicksburg, Warren	652,260	0	0	0	4,295,323	0	5,752,155	10,699,738	0
Mississippi Power Co. Plant Watson, Gulfport, Harrison	**0**	**0**	**0**	**0**	**0**	**0**	**3,984,106**	**3,984,106**	**0**
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	0	0	0	0	8,411,300	1,500	3,350,066	11,762,866	0
Georgia-Pacific Corp., Monticello, Lawrence	**0**	**0**	**9,708,429**	**0**	**6,999,109**	**0**	**2,700,835**	**19,408,373**	**0**
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	0	0	0	0	0	0	2,674,050	2,674,050	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	**12,143,403**	**0**	**0**	**0**	**0**	**0**	**1,816,692**	**13,960,095**	**0**
International Paper - Natchez Mill, Natchez, Adams	0	0	26,203	0	6,755,400	0	1,667,044	8,448,647	65,000
Leaf River Forest Prods., New Augusta, Perry	**0**	**0**	**0**	**0**	**19,223,400**	**0**	**1,658,704**	**20,882,104**	**0**
Central Inds. Inc., Forest, Scott	0	0	0	0	2,354,710	0	1,656,774	4,011,484	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Du Pont Delisle Plant, Pass Christian, Harrison	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**235,898.00**	**235,898.00**	**0.00**
Mississippi Power Co. Plant Watson, Gulfport, Harrison	0.00	0.00	0.00	0.00	0.00	0.00	35,158.00	35,158.00	0.00
Birmingham Southeast L.L.C. Jackson Ms. Steel Div., Flowood, Rankin	**30,523.00**	**175,165.00**	**0.00**	**0.00**	**0.00**	**0.00**	**22,828.00**	**228,517.00**	**0.00**
Holcim (US) Inc. Artesia Plant, Artesia, Lowndes	0.00	0.00	0.00	0.00	0.00	0.00	20,066.00	20,066.00	0.00
U.S. Army Camp Shelby Training Site Range Complex, Camp Shelby, Forrest	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14,920.00**	**14,920.00**	**14,920.00**
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	0.00	0.00	0.00	0.00	0.00	0.00	13,177.00	13,177.00	0.00
Trilogy Communications Inc., Flowood, Rankin	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**8,850.00**	**8,850.00**	**0.00**
Greenwood Utilities, Greenwood, Leflore	0.00	0.00	0.00	0.00	0.00	0.00	8,179.00	8,179.00	0.00
Kerr-McGee Chemical L.L.C. Pigment Plant, Hamilton, Monroe	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,801.00**	**6,801.00**	**0.00**
Southwire Co. Starkville Plant, Starkville, Oktibbeha	0.00	0.00	0.00	0.00	0.00	0.00	6,148.00	6,148.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

MISSOURI

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	112,688,579
Air Emissions	34,177,643
Surface Water Discharges	1,660,217
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	67,560
Other On-site Land Releases	76,783,159
Off-site Releases (Transfers Off-site to Disposal)*	7,201,119
Total On- and Off-site Releases	**119,889,698**
Recycled On-site	304,207,614
Recycled Off-site	48,514,126
Energy Recovery On-site	99,253,396
Energy Recovery Off-site	17,564,464
Treated On-site	65,815,093
Treated Off-site**	13,598,100
Quantity Released On- and Off-site***	119,400,915
Total Production-related Waste Managed	**668,353,708**
Non-production-related Waste Managed	**168,177**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	48,724,068
Energy Recovery	17,615,673
Treatment	6,200,263
Publicly Owned Treatment Works (POTWs)	7,563,150
Metals and Metal Category Compounds*	76,623
Non-metal TRI Chemicals**	7,486,527
Other Off-site Transfers****	2,064
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,220,335
Total Transfers Off-site for Further Waste Management, including Disposal	**87,325,553**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

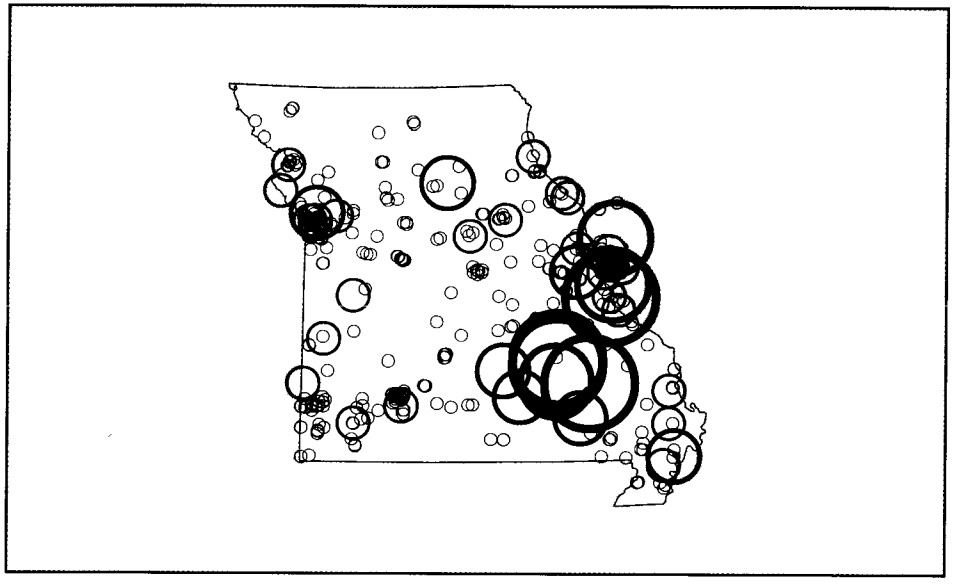
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Gene Nickel
P.O. Box 176
Jefferson City, MO 65102
(573) 526-6627; (800) 361-4827
Fax: (573) 526-5808
nrnicke@dnr.state.mo.us

EPA Regional Contact
Stephen Wurtz
USEPA Region 7 (ARTD/CRIB)
901 North 5th Street
Kansas City, KS 66101
(913) 551- 7315
wurtz.stephen@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Missouri. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	5,637,309
Square Miles	68,898
Total Facilities	619
Total Forms	2,303
Form As	383

	Total
National Rank for Total On- and Off-site Releases*	
Rank	16
Pounds	119,889,698
National Rank for Total On-site Releases**	
Rank	15
Pounds	112,688,579
National Rank for Total Releases within State***	
Rank	16
Pounds	119,724,208
National Rank for Production-related Waste Managed	
Rank	14
Pounds	668,353,708

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

MISSOURI

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds**	**470,171**	**15,915**	**0**	**31,123,423**	**534,336**	**32,143,845**	**93,600**	**390,999**	**143,337**
—	Lead compounds	416,216	3,674	0	27,854,840	3,538,790	31,813,521	34,497	3,369,184	169,651
—	**Barium compounds**	**160,735**	**104,257**	**0**	**6,791,576**	**116,561**	**7,173,129**	**24,038**	**116,236**	**326**
7647-01-0	Hydrochloric acid	5,874,476	0	0	168,005	0	6,042,481	0	0	0
67-56-1	**Methanol*** **	**5,876,557**	**12,713**	**0**	**5**	**14,489**	**5,903,764**	**2,694**	**5**	**14,484**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**416,216.26**	**3,673.92**	**0.00**	**27,854,840.47**	**3,538,790.24**	**31,813,520.89**	**34,497.43**	**3,369,184.49**	**169,650.68**
7439-92-1	Lead	26,762.12	112.50	0.00	108,290.00	15,055.38	150,220.00	292,402.72	9,074.87	5,980.51
—	**Polycyclic aromatic compounds**	**6,841.33**	**0.40**	**0.00**	**0.20**	**10,549.52**	**17,391.45**	**45.03**	**0.00**	**10,549.52**
—	Mercury compounds	3,517.48	3.15	0.00	655.10	2,840.77	7,016 50	824.30	19.60	2,822.21
191-24-2	**Benzo(g,h,i)perylene**	**29.87**	**0.00**	**0.00**	**0.00**	**5,031.06**	**5,060.93**	**0.27**	**0.00**	**5,031.06**
7439-97-6	Mercury	54.97	0.00	0.00	49.58	238.93	343.47	174.23	6.00	232.93
1582-09-8	**Trifluralin**	**58.03**	**0.00**	**0.00**	**0.00**	**48.00**	**106.03**	**710.72**	**48.00**	**0.00**
40487-42-1	Pendimethalin	10.00	24.00	0.00	1.00	0.00	35.00	662.66	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**20.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.07	0.04	0.00	0.00	0.00	0.12	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***33.200***	***20.393***	***0.000***	***1.388***	***0.158***	***55.138***	***0.000***	***0.015***	***0.142***
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.00	0.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**649.25**	**0.00**	**0.00**
309-00-2	Aldrin	—****	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—****	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—****	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—****	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—****	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—****	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—****	—	—	—	—	—	—	—	—
8001-35-2	**Toxaphene**	—****	—	—	—	—	—	—	—	—

* Exclude amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemicals ranking is based on the amounts in this column

*** One facility, Royal Oak Enterprises in Licking, reported 2,324,448 pounds of air emissions of methanol in error. The amounts for methanol have been changed to omit this report The correction was received too late to be included in the other tables in this report

**** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

MISSOURI

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Doe Run Co. Herculaneum Smelter, Herculaneum, Jefferson	**261,169**	**442**	**0**	**0**	**0**	**15,182,450**	**15,444,061**	**1,230**	**5,114**
Buick Mine/Mill, Boss, Iron	55,729	5,495	0	0	0	13,518,560	13,579,784	0	0
Brushy Creek Mine/Mill, Bunker, Reynolds	**34,192**	**2,175**	**0**	**0**	**0**	**12,762,208**	**12,798,575**	**0**	**0**
Fletcher Mine/Mill, Bunker, Reynolds	37,408	1,770	0	0	0	11,661,687	11,700,865	0	0
Doe Run Co. Glover Smelter, Glover, Iron	**40,114**	**107**	**0**	**0**	**0**	**9,396,570**	**9,436,791**	**0**	**223**
Ameren Sioux Power Plant, West Alton, St Charles	2,376,500	9,470	0	0	0	1,557,061	3,943,031	0	0
Sweetwater Mine/Mill, Ellington, Reynolds	**12,138**	**520**	**0**	**0**	**0**	**3,845,748**	**3,858,406**	**0**	**0**
Ameren Meramec Power Station, Saint Louis, Saint Louis City	2,110,525	12,186	0	0	0	1,580,080	3,702,791	0	0
Royal Oak Enterprises Inc. Ellsinore Mo., Ellsinore, Carter	**2,714,976**	**0**	**0**	**0**	**0**	**0**	**2,714,976**	**0**	**0**
Ford Motor Co. Kansas City Assembly Plant, Claycomo, Clay	2,635,667	0	0	0	0	0	2,635,667	34,182	36,600

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Fletcher Mine/Mill, Bunker, Reynolds	**31,822.00**	**770.00**	**0.00**	**0.00**	**0.00**	**7,576,709.00**	**7,609,301.00**	**0.00**	**0.00**
Buick Mine/Mill, Boss, Iron	40,776.00	1,042.00	0.00	0.00	0.00	7,365,407 00	7,407,225.00	0.00	0.00
Brushy Creek Mine/Mill, Bunker, Reynolds	**26,462.00**	**679.00**	**0.00**	**0.00**	**0.00**	**5,501,603.00**	**5,528,744.00**	**0.00**	**0.00**
Doe Run Co. Glover Smelter, Glover, Iron	30,625.00	6.00	0.00	0.00	0.00	2,917,755.00	2,948,386.00	0.00	223.00
Doe Run Co. Herculaneum Smelter, Herculaneum, Jefferson	**226,513.00**	**98.00**	**0.00**	**0.00**	**0.00**	**2,432,597.00**	**2,659,208.00**	**0.00**	**1,533.00**
Sweetwater Mine/Mill, Ellington, Reynolds	10,263.00	20.00	0.00	0.00	0.00	1,758,306.00	1,768,589.00	0.00	0.00
U.S. Army Maneuver Support Center Ranges, Fort Leonard Wood, Pulaski	**185.00**	**0.00**	**0.00**	**0.00**	**0.00**	**85,884.00**	**86,069.00**	**0.00**	**0.00**
Ameren Meramec Power Station, Saint Louis, Saint Louis City	1,090.00	54.00	0.00	0.00	0.00	62,080.00	63,224.00	0.00	0.00
Holcim (US) Inc. Clarksville Plant, Clarksville, Pike	**220.01**	**0.00**	**0.00**	**0.00**	**0.00**	**52,310.00**	**52,530.01**	**0.00**	**0.00**
Exide Techs. Canon Hollow Plant, Forest City, Holt	360.00	2.00	0.00	0.00	44,269.00	0.00	44,631.00	0 00	0 00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

2001 Toxics Release Inventory

MISSOURI

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Doe Run Co. Herculaneum Smelter, Herculaneum, Jefferson	**47,191,482**	**0**	**0**	**0**	**0**	**0**	**15,511,394**	**62,702,876**	**85,464**
Buick Mine/Mill, Boss, Iron	0	0	0	0	0	0	13,578,737	13,578,737	0
Brushy Creek Mine/Mill, Bunker, Reynolds	**0**	**0**	**0**	**0**	**0**	**0**	**12,798,382**	**12,798,382**	**0**
Fletcher Mine/Mill, Bunker, Reynolds	0	0	0	0	0	0	11,700,089	11,700,089	0
Doe Run Co. Glover Smelter, Glover, Iron	**109,708,154**	**0**	**0**	**0**	**0**	**0**	**9,436,794**	**119,144,948**	**40**
Ameren Sioux Power Plant, West Alton, St Charles	0	0	0	0	3,563,000	0	3,980,260	7,543,260	0
Sweetwater Mine/Mill, Ellington, Reynolds	**0**	**0**	**0**	**0**	**0**	**0**	**3,857,863**	**3,857,863**	**0**
Doe Run Co. Recycling Facility, Boss, Iron	6,678	0	0	0	0	0	3,843,054	3,849,732	0
Ameren Meramec Power Station, Saint Louis, Saint Louis City	**1,815,108**	**0**	**0**	**0**	**620,000**	**0**	**3,040,160**	**5,475,268**	**0**
Royal Oak Enterprises Inc. Ellsinore Mo., Ellsinore, Carter	0	0	0	0	0	0	2,714,976	2,714,976	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Fletcher Mine/Mill, Bunker, Reynolds	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7,609,301.00**	**7,609,301.00**	**0.00**
Buick Mine/Mill, Boss, Iron	0.00	0.00	0.00	0.00	0.00	0.00	7,407,225.00	7,407,225.00	0.00
Brushy Creek Mine/Mill, Bunker, Reynolds	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,528,744.00**	**5,528,744.00**	**0.00**
Doe Run Co. Recycling Facility, Boss, Iron	6,205.00	0.00	0.00	0.00	0.00	0.00	3,275,263.00	3,281,468.00	0.00
Doe Run Co. Glover Smelter, Glover, Iron	**85,537,286.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,948,386.00**	**88,485,672.00**	**14.00**
Doe Run Co. Herculaneum Smelter, Herculaneum, Jefferson	41,782,939.00	0.00	0.00	0.00	0.00	0.00	2,641,917.00	44,424,856.00	18,832.00
Sweetwater Mine/Mill, Ellington, Reynolds	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,768,589.00**	**1,768,589.00**	**0.00**
U.S. Army Maneuver Support Center Ranges, Fort Leonard Wood, Pulaski	0.00	0.00	0.00	0.00	0.00	0.00	86,069.00	86,069.00	0.00
GE Lighting-St. Louis Lamp Plant, Saint Louis, Saint Louis City	**0.00**	**27,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**79,000.00**	**106,000.00**	**0.00**
Missouri Chemical Works, Louisiana, Pike	0.00	0.00	0.00	0.00	0.00	0.00	70,250.00	70,250.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

2001 Toxics Release Inventory

MONTANA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	62,744,079
Air Emissions	4,292,997
Surface Water Discharges	48,785
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	369,092
On-site Land Releases to RCRA Subtitle C Landfills	2,395
Other On-site Land Releases	58,030,810
Off-site Releases (Transfers Off-site to Disposal)*	2,644,099
Total On- and Off-site Releases	**65,388,178**
Recycled On-site	8,626,607
Recycled Off-site	62,534
Energy Recovery On-site	3,948,532
Energy Recovery Off-site	41,063
Treated On-site	10,499,243
Treated Off-site**	36,449
Quantity Released On- and Off-site***	51,214,536
Total Production-related Waste Managed	**74,428,965**
Non-production-related Waste Managed	**12,029,507**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	102,939
Energy Recovery	36,638
Treatment	39,313
Publicly Owned Treatment Works (POTWs)	1,619
Metals and Metal Category Compounds*	14
Non-metal TRI Chemicals**	1,605
Other Off-site Transfers****	227,840
Transfers Off-site to Disposal *(not including metals to POTWs)*	2,808,061
Total Transfers Off-site for Further Waste Management, including Disposal	**3,216,411**

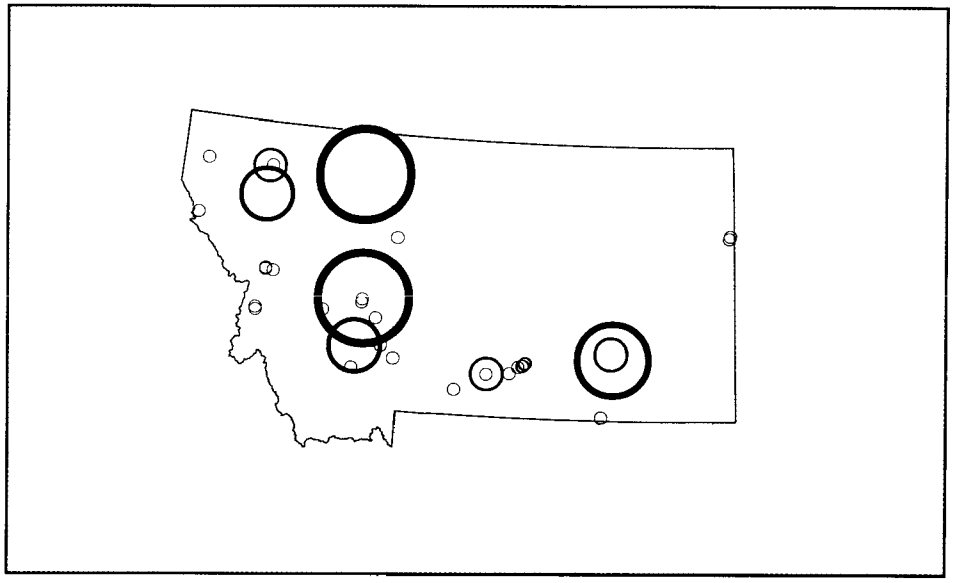
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Tom Ellerhoff
1520 East 6th Avenue
Helena, MT 59620-0901
(406) 444-5263
Fax: (406) 444-4386
tellerhoff@state.mt.us

EPA Regional Contact
Joyel Dhieux
USEPA Region 8 (8P-P3T)
999 18th Street, Suite 500
Denver, CO 80202
(303) 312-6447
dhieux.joyel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Montana. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	905,382
Square Miles	145,556
Total Facilities	49
Total Forms	293
Form As	34

	Total
National Rank for Total On- and Off-site Releases*	
Rank	25
Pounds	65,388,178
National Rank for Total On-site Releases**	
Rank	25
Pounds	62,744,079
National Rank for Total Releases within State***	
Rank	25
Pounds	63,507,964
National Rank for Production-related Waste Managed	
Rank	44
Pounds	74,428,965

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

MONTANA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Zinc compounds**	**6,624**	**14**	**0**	**24,009,658**	**763,254**	**24,779,550**	**92,100**	**1,555**	**761,699**
—	Lead compounds	6,913	349	10,813	14,054,719	791,161	14,863,955	48,301	7,297	783,864
—	**Barium compounds**	**89,853**	**5**	**0**	**8,290,628**	**278,000**	**8,658,486**	**0**	**278,000**	**0**
—	Copper compounds	12,595	10	47,757	3,385,422	40,273	3,486,057	19,800	23,677	16,596
—	**Manganese compounds**	**10,975**	**24,006**	**0**	**2,855,009**	**48,827**	**2,938,817**	**150**	**47,505**	**1,322**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**6,913.38**	**349.20**	**10,813.00**	**14,054,718.70**	**791,160.58**	**14,863,954.86**	**48,301.20**	**7,296.90**	**783,863.68**
7439-92-1	Lead	327.70	24.00	0.00	82,820.00	1,238.40	84,410.10	0.00	1,238.40	0.00
—	**Mercury compounds**	**1,772.40**	**0.04**	**18.00**	**7,159.50**	**426.41**	**9,376.35**	**0.00**	**31.00**	**395.41**
—	Polycyclic aromatic compounds	2,213.19	7.00	0.00	885.80	50.90	3,156.89	0.00	22.90	28.00
7439-97-6	**Mercury**	**69.80**	**2.40**	**0.00**	**430.80**	**6.80**	**509.80**	**0.00**	**6.80**	**0.00**
191-24-2	Benzo(g,h,i)perylene	153.71	0.00	0.00	0.30	2.20	156.21	0.00	1.80	0.40
118-74-1	**Hexachlorobenzene**	**11.70**	**0.00**	**0.00**	**0.00**	**0.00**	**11.70**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***17.593***	***0.162***	***0.000***	***0.049***	***0.152***	***17.956***	***0.000***	***0.152***	***0.000***
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

MONTANA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Montana Tunnels Mining Inc., Jefferson City, Jefferson	**9,850**	**0**	**0**	**0**	**0**	**23,633,174**	**23,643,024**	**0**	**0**
ASARCO Inc., East Helena, Lewis And Clark	12,252	166	0	0	0	20,063,922	20,076,340	0	2,194,380
Colstrip Steam Electric Station, Colstrip, Rosebud	**286,163**	**0**	**0**	**0**	**0**	**10,819,248**	**11,105,411**	**254,951**	**25**
Golden Sunlight Mines Inc., Whitehall, Jefferson	54,580	0	0	0	0	2,548,199	2,602,779	0	0
Stone Container Corp., Missoula, Missoula	**1,443,054**	**32,691**	**0**	**0**	**0**	**31,419**	**1,507,164**	**670**	**255**
Colstrip Energy L.P. Rosebud Power Plant, Colstrip, Rosebud	585,297	0	0	0	0	171,592	756,889	0	0
SMC Nye Mine Site, Nye, Stillwater	**21**	**0**	**0**	**369,092**	**0**	**362,498**	**731,611**	**175,148**	**1**
Plum Creek Mdf Inc., Columbia Falls, Flathead	697,550	0	0	0	0	0	697,550	0	0
Conoco Inc. Billings Refy., Billings, Yellowstone	**236,466**	**306**	**0**	**0**	**0**	**0**	**236,772**	**0**	**0**
Stillwater Mining Co. East Boulder Ops., Big Timber, Sweet Grass	247	0	0	0	0	225,583	225,830	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Montana Tunnels Mining Inc., Jefferson City, Jefferson	169.20	0.00	0.00	0.00	0.00	8,187,629.00	8,187,798.20	0.00	0.00
ASARCO Inc., East Helena, Lewis And Clark	4,336.00	1.00	0.00	0.00	0.00	5,776,075.00	5,780,412.00	0.00	784,237.00
Golden Sunlight Mines Inc., Whitehall, Jefferson	8.10	0.00	0.00	0.00	0.00	82,429.00	82,437.10	0.00	0.00
Colstrip Steam Electric Station, Colstrip, Rosebud	1,728.46	0.00	0.00	0.00	0.00	54,348.00	56,076.46	701.00	5.12
SMC Nye Mine Site, Nye, Stillwater	0.87	0.00	0.00	10,831.00	0.00	19,498.00	30,329.87	4,949.00	1.00
Colstrip Energy L.P. Rosebud Power Plant, Colstrip, Rosebud	1,627.00	0.00	0.00	0.00	0.00	13,473.00	15,100.00	0.00	0.00
Stillwater Mining Co. East Boulder Ops., Big Timber, Sweet Grass	9.00	0.00	0.00	0.00	0.00	9,295.00	9,304.00	0.00	0.00
Columbia Falls Aluminum Co. L.L.C., Columbia Falls, Flathead	1,501.00	0.00	0.00	0.00	0.00	743.00	2,244.00	0.00	0.00
Lewis & Clark Station, Sidney, Richland	85.00	26.40	0.00	0.00	0.00	824.40	935.80	1,058.00	0.00
Stone Container Corp., Missoula, Missoula	190.90	351.20	0.00	0.00	0.00	153.60	695.70	664.80	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

MONTANA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Montana Tunnels Mining Inc., Jefferson City, Jefferson	**0**	**25,815**	**0**	**0**	**0**	**0**	**20,682,625**	**20,708,440**	**702,662**
Colstrip Steam Electric Station, Colstrip, Rosebud	0	1,601	0	0	2,500,000	474	11,344,890	13,846,966	0
ASARCO Inc., East Helena, Lewis And Clark	**6,898,619**	**0**	**0**	**0**	**0**	**0**	**10,944,629**	**17,843,248**	**11,326,091**
Golden Sunlight Mines Inc., Whitehall, Jefferson	0	0	0	0	0	0	2,579,389	2,579,389	0
Stone Container Corp., Missoula, Missoula	**0**	**0**	**3,470,000**	**428**	**2,840,891**	**1**	**1,499,381**	**7,810,700**	**0**
SMC Nye Mine Site, Nye, Stillwater	423	0	0	0	23,096	0	906,760	930,279	0
Colstrip Energy L.P. Rosebud Power Plant, Colstrip, Rosebud	**0**	**0**	**0**	**0**	**0**	**0**	**756,889**	**756,889**	**0**
Plum Creek Mdf Inc., Columbia Falls, Flathead	0	0	0	0	0	0	696,300	696,300	0
Conoco Inc. Billings Refy., Billings, Yellowstone	**0**	**50**	**0**	**0**	**9,020**	**4,305**	**236,773**	**250,148**	**0**
Stillwater Mining Co. East Boulder Ops., Big Timber, Sweet Grass	0	0	0	0	0	0	225,830	225,830	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Montana Tunnels Mining Inc., Jefferson City, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,491,146.00**	**5,491,146.00**	**443,932.00**
ASARCO Inc., East Helena, Lewis And Clark	4,643,364.00	0.00	0.00	0.00	0.00	0.00	1,322,530.00	5,965,894.00	5,242,119.00
Golden Sunlight Mines Inc., Whitehall, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**82,429.00**	**82,429.00**	**0.00**
Colstrip Steam Electric Station, Colstrip, Rosebud	0.00	1.00	0.00	0.00	0.00	5.00	56,776.00	56,783.00	0.00
SMC Nye Mine Site, Nye, Stillwater	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**35,280.00**	**35,281.00**	**0.00**
Colstrip Energy L.P. Rosebud Power Plant, Colstrip, Rosebud	0.00	0.00	0.00	0.00	0.00	0.00	15,100.00	15,100.00	0.00
Holcim Trident Plant, Three Forks, Gallatin	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14,561.00**	**14,561.00**	**0.00**
Stillwater Mining Co. East Boulder Ops., Big Timber, Sweet Grass	0.00	0.00	0.00	0.00	0.00	0.00	9,304.00	9,304.00	0.00
Columbia Falls Aluminum Co. L.L.C., Columbia Falls, Flathead	**178.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,244.00**	**2,422.00**	**0.00**
Lewis & Clark Station, Sidney, Richland	0.00	0.00	0.00	0.00	0.00	0.00	1,994.00	1,994.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

NEBRASKA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	23,860,521
Air Emissions	7,875,435
Surface Water Discharges	9,601,101
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	6,383,985
Off-site Releases (Transfers Off-site to Disposal)*	2,808,896
Total On- and Off-site Releases	**26,669,417**
Recycled On-site	1,593,131
Recycled Off-site	17,484,015
Energy Recovery On-site	5,200
Energy Recovery Off-site	575,939
Treated On-site	51,643,357
Treated Off-site**	1,810,885
Quantity Released On- and Off-site***	36,594,812
Total Production-related Waste Managed	**109,707,339**
Non-production-related Waste Managed	**41,484**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	16,783,572
Energy Recovery	528,143
Treatment	419,863
Publicly Owned Treatment Works (POTWs)	846,831
Metals and Metal Category Compounds*	8,794
Non-metal TRI Chemicals**	838,037
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	12,990,707
Total Transfers Off-site for Further Waste Management, including Disposal	**31,569,117**

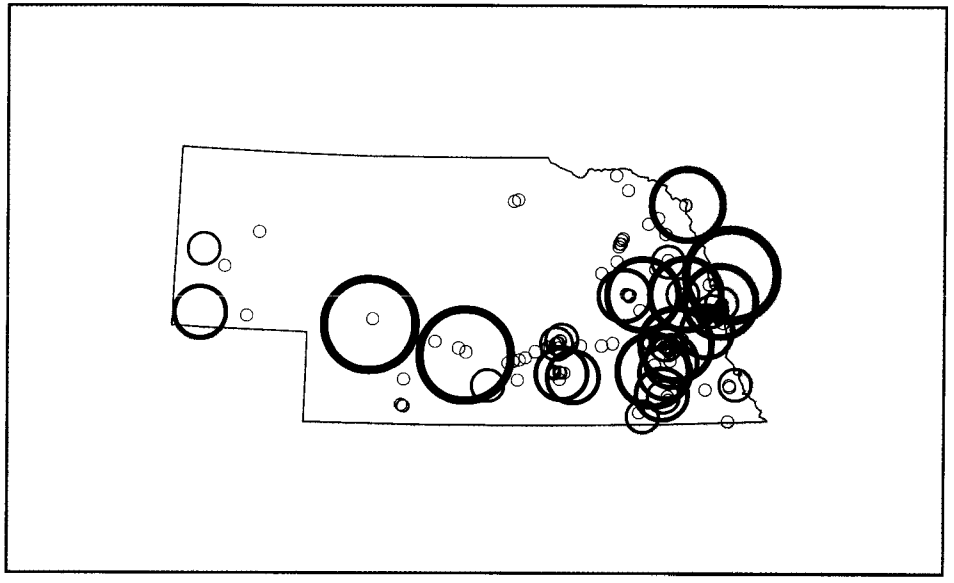
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Donnie Zach
P.O. Box 98922
Lincoln, NE 68509-8922
(402) 471-4251
Fax: (402) 471-2909
donnie.zach@ndeq.state.ne.us

EPA Regional Contact
Stephen Wurtz
USEPA Region 7 (ARTD/CRIB)
901 North 5th Street
Kansas City, KS 66101
(913) 551- 7315
wurtz.stephen@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Nebraska. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,720,039
Square Miles	76,878
Total Facilities	185
Total Forms	692
Form As	112

	Total
National Rank for Total On- and Off-site Releases*	
Rank	38
Pounds	26,669,417
National Rank for Total On-site Releases**	
Rank	37
Pounds	23,860,521
National Rank for Total Releases within State***	
Rank	38
Pounds	25,994,111
National Rank for Production-related Waste Managed	
Rank	39
Pounds	109,707,339

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

NEBRASKA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Nitrate compounds**	**277**	**9,339,094**	**0**	**88,341**	**740,873**	**10,168,585**	**55**	**740,613**	**260**
—	Zinc compounds	101,586	1,392	0	112,420	8,585,611	8,801,009	64,922	306,757	8,278,854
—	**Barium compounds**	**8,338**	**5**	**0**	**2,351,249**	**124,922**	**2,484,514**	**235**	**111,377**	**13,545**
7440-39-3	Barium	51,140	4,240	0	2,309,612	4,686	2,369,678	0	0	4,686
7647-01-0	**Hydrochloric acid**	**2,348,897**	**0**	**0**	**0**	**0**	**2,348,897**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**8,112.01**	**53.81**	**0.00**	**72,996.28**	**1,227,118.98**	**1,308,281.08**	**46,759.63**	**21,054.16**	**1,206,064.82**
7439-92-1	Lead	7,485.04	47.00	0.00	11,029.95	7,966.45	26,528.44	57,069.80	534.41	7,432.04
7439-97-6	**Mercury**	**378.44**	**0.00**	**0.00**	**618.00**	**0.00**	**996.44**	**4.12**	**0.00**	**0.00**
—	Mercury compounds	173.24	0.01	0.00	331.00	386.00	890.25	211.96	86.10	299.90
—	**Polycyclic aromatic compounds**	**359.63**	**0.00**	**0.00**	**0.00**	**35.50**	**395.13**	**0.14**	**35.50**	**0.00**
191-24-2	Benzo(g,h,i)perylene	16.97	0.00	0.00	0.00	40.73	57.70	0.00	40.73	0.00
57-74-9	**Chlordane**	**1.00**	**0.00**	**0.00**	**0.00**	**32.00**	**33.00**	**0.00**	**0.00**	**32.00**
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	26.00	26.00	0.00	0.00	26.00
76-44-8	**Heptachlor**	**1.00**	**0.00**	**0.00**	**0.00**	**6.00**	**7.00**	**0.00**	**0.00**	**6.00**
118-74-1	Hexachlorobenzene	4.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00
8001-35-2	**Toxaphene**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***3.751***	***0.000***	***0.000***	***1.070***	***0.000***	***4.821***	***0.000***	***0.000***	***0.000***
309-00-2	Aldrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
1582-09-8	Trifluralin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

NEBRASKA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
IBP Inc., Lexington, Dawson	**19,265**	**6,600,250**	**0**	**0**	**0**	**250**	**6,619,765**	**117,710**	**0**
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	1,150,593	0	0	0	0	2,541,341	3,691,934	0	0
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	**1,003,403**	**5**	**0**	**0**	**0**	**2,088,232**	**3,091,640**	**0**	**0**
IBP Inc. Wastewater Treatment Plant, Dakota City, Dakota	10	1,253,200	0	0	0	0	1,253,210	43,000	0
Omaha Public Power District North Omaha Station, Omaha, Douglas	**730,101**	**0**	**0**	**0**	**0**	**519,057**	**1,249,158**	**0**	**0**
Excel Corp., Schuyler, Colfax	1,759	851,015	0	0	0	90,069	942,843	599,286	0
ADM, Lincoln, Lancaster	**830,008**	**5**	**0**	**0**	**0**	**0**	**830,013**	**750**	**0**
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	399,617	16	0	0	0	347,445	747,078	152,685	0
Farmland Foods Inc., Crete, Saline	**75,020**	**667,560**	**0**	**0**	**0**	**0**	**742,580**	**2,765**	**0**
Nebraska Public Power District Sheldon Station, Hallam, Lancaster	203,801	0	0	0	0	205,465	409,266	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	2.33	0.91	0.00	0.00	0.00	34,445.00	34,448.24	14,530.38	0.00
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	264.00	0.00	0.00	0.00	0.00	20,912.00	21,176.00	0.00	0.00
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	3.00	0.00	0.00	0.00	0.00	11,232.00	11,235.00	0.00	0.00
Clean Harbors Environmental Services Inc., Kimball, Kimball	7.01	0.00	0.00	0.00	0.00	8,280.00	8,287.01	0.00	10,326.00
Magnus/Farley Inc., Fremont, Dodge	4,920.00	0.00	0.00	0.00	0.00	0.00	4,920.00	0.00	5,127.00
U.S. Army Natl. Guard Greenlief Training Site, Hastings, Adams	8.00	0.00	0.00	0.00	0.00	4,908.00	4,916.00	0.00	0.00
Dana Corp. Perfect Circle Div., Hastings, Adams	3,693.00	0.00	0.00	0.00	0.00	0.00	3,693.00	0.00	9.63
Omaha Public Power District North Omaha Station, Omaha, Douglas	101.00	0.00	0.00	0.00	0.00	3,057.00	3,158.00	0.00	0 00
Nucor Steel Nebraska, Norfolk, Stanton	1,813.00	2.00	0.00	0.00	0.00	0.00	1,815.00	0.00	340,116.00
Magnolia Metal Corp., Auburn, Nemaha	1,813.00	0.00	0.00	0.00	0.00	0.00	1,813.00	0.00	5.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Nucor Steel Nebraska, Norfolk, Stanton	**0**	**2,302,102**	**0**	**0**	**0**	**0**	**7,858,576**	**10,160,678**	**0**
IBP Inc., Lexington, Dawson	0	0	0	0	290,000	0	6,736,380	7,026,380	0
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	**0**	**0**	**0**	**0**	**0**	**0**	**3,691,931**	**3,691,931**	**0**
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	0	0	0	0	0	0	3,091,235	3,091,235	0
Tetra Micronutrients Inc., Fairbury, Jefferson	**0**	**0**	**0**	**0**	**0**	**0**	**2,690,190**	**2,690,190**	**0**
Excel Corp., Schuyler, Colfax	0	0	0	0	6,417,278	0	1,542,128	7,959,406	0
IBP Inc. Wastewater Treatment Plant, Dakota City, Dakota	**0**	**0**	**0**	**0**	**146,000**	**0**	**1,303,300**	**1,449,300**	**0**
Omaha Public Power District North Omaha Station, Omaha, Douglas	0	0	0	0	0	0	1,249,158	1,249,158	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	**0**	**0**	**0**	**0**	**0**	**0**	**900,280**	**900,280**	**0**
ADM, Lincoln, Lancaster	0	43,000	0	0	0	0	780,008	823,008	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Tetra Micronutrients Inc., Fairbury, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**845,890.00**	**845,890.00**	**0.00**
Nucor Steel Nebraska, Norfolk, Stanton	0.00	99,841.00	0.00	0.00	0.00	0.00	341,934.00	441,775.00	0.00
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**49,280.00**	**49,280.00**	**0.00**
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	0.00	0.00	0.00	0.00	0.00	0.00	21,176.00	21,176.00	0.00
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**11,235.00**	**11,235.00**	**0.00**
Magnus/Farley Inc., Fremont, Dodge	0.00	0.00	0.00	0.00	0.00	0.00	9,797.00	9,797.00	0.00
Clean Harbors Environmental Services Inc., Kimball, Kimball	**0.00**	**0.00**	**0.00**	**0.00**	**68,908.00**	**10,326.00**	**8,288.00**	**87,522.00**	**0.00**
Arnold Eng. Co., Norfolk, Madison	0.00	0.00	0.00	0.00	0.00	0.00	6,607.00	6,607.00	0.00
Tenneco Automotive Operating Co. Inc., Cozad, Dawson	**0.00**	**5,600.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,330.00**	**11,930.00**	**0.00**
U.S. Army Natl. Guard Greenlief Training Site, Hastings, Adams	0.00	0.00	0.00	0.00	0.00	0.00	4,916.00	4,916.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

NEVADA

Reported Releases and Other Waste Management Activities (in pounds)

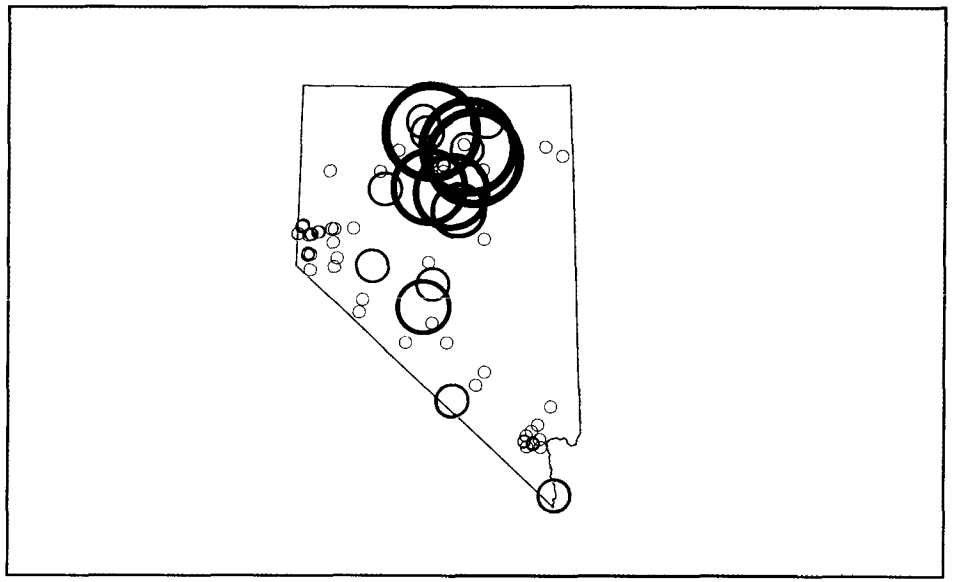
	Total
On-site Releases	781,056,702
Air Emissions	2,728,933
Surface Water Discharges	82,849
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	785
On-site Land Releases to RCRA Subtitle C Landfills	3,988,273
Other On-site Land Releases	774,255,862
Off-site Releases (Transfers Off-site to Disposal)*	2,437,928
Total On- and Off-site Releases	**783,494,630**
Recycled On-site	45,728,151
Recycled Off-site	2,184,376
Energy Recovery On-site	993,336
Energy Recovery Off-site	56,709
Treated On-site	57,883,317
Treated Off-site**	59,629
Quantity Released On- and Off-site***	783,492,191
Total Production-related Waste Managed	**890,397,708**
Non-production-related Waste Managed	**11,424**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	1,883,643
Energy Recovery	56,673
Treatment	18,097
Publicly Owned Treatment Works (POTWs)	29,084
Metals and Metal Category Compounds*	1,285
Non-metal TRI Chemicals**	27,799
Other Off-site Transfers****	8,180
Transfers Off-site to Disposal *(not including metals to POTWs)*	2,444,615
Total Transfers Off-site for Further Waste Management, including Disposal	**4,440,291**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions

**** Transfers reported without a valid waste management code.



The largest circle in the state map represents the largest facility for on-site releases in the state of Nevada. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,097,722
Square Miles	109,806
Total Facilities	103
Total Forms	462
Form As	31

	Total
National Rank for Total On- and Off-site Releases*	
Rank	1
Pounds	783,494,630
National Rank for Total On-site Releases**	
Rank	1
Pounds	781,056,702
National Rank for Total Releases within State***	
Rank	1
Pounds	784,521,736
National Rank for Production-related Waste Managed	
Rank	9
Pounds	890,397,708

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

For More Information . . .

State Contact
Alene Coulson
555 Wright Way
Carson City, NV 89711-0925
(775) 687-9464
Fax: (775) 687-6396
acoulson@ndep.nv.gov

EPA Regional Contact
Nancy Sockabasin
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3772
sockabasin.nancy@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

NEVADA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Arsenic compounds**	**10,740**	**2,483**	**28**	**327,512,148**	**419**	**327,525,818**	**5,035**	**418**	**1**
—	Zinc compounds	8,747	230	42	148,683,690	35,208	148,727,917	171,332	34,580	628
—	**Manganese compounds**	**17,137**	**899**	**0**	**107,571,938**	**2,303,001**	**109,892,975**	**16,529**	**2,303,000**	**1**
—	Vanadium compounds	7,963	0	0	40,357,719	2,000	40,367,682	10,437	0	2,000
—	**Lead compounds**	**5,513**	**48**	**0**	**37,970,968**	**2,869**	**37,979,398**	**91,203**	**1,080**	**2,811**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**5,513.25**	**48.00**	**0.10**	**37,970,967.90**	**2,869.05**	**37,979,398.30**	**91,202.80**	**1,079.91**	**2,810.54**
—	Mercury compounds	12,807.79	1.00	0 10	4,179,457.90	1,322.76	4,193,589.55	724.08	1,216.39	107.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**88,326.00**	**0.00**	**88,326.00**	**727.00**	**0.00**	**0.00**
7439-92-1	Lead	93.89	0.00	0.00	16,998.40	745.80	17,838.09	178,671.82	376.00	380.80
—	**Polycyclic aromatic compounds**	**57.50**	**0.00**	**0.00**	**2,654.90**	**8,203.30**	**10,915.70**	**0.00**	**8,203.30**	**0.00**
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	5,492.00	0.00	5,492.00	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**964.61**	**0.00**	**0.00**	**14.10**	**0.00**	**978.71**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	151.48	0.00	0.00	109.00	2.50	262.98	33,243.11	0.00	2.50
—	**Dioxin and dioxin-like compounds**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.01**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*11.305*	*0.000*	*0.000*	*0.000*	*0 000*	*11.305*	*4 910*	*0.000*	*0.000*
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

NEVADA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Barrick Goldstrike Mine, Elko, Elko	**74,099**	**0**	**0**	**0**	**0**	**323,394,799**	**323,468,899**	**1,253**	**2,143**
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	87,585	2,079	0	0	0	170,160,610	170,250,274	0	2,911
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	**153,713**	**707**	**0**	**0**	**0**	**153,264,336**	**153,418,756**	**0**	**1,373**
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	68,474	0	0	0	0	40,771,710	40,840,184	0	0
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	**11,733**	**0**	**0**	**0**	**0**	**27,194,553**	**27,206,286**	**0**	**0**
Newmont Mining Corp. Lone Tree Mine, Valmy, Humboldt	44,004	65,548	0	0	0	21,248,034	21,357,586	0	171
Bald Mountain Mine, Elko, White Pine	**59,508**	**0**	**0**	**0**	**0**	**11,727,000**	**11,786,508**	**1,520**	**0**
Equatorial Tonopah Inc., Tonopah, Nye	2,192	0	0	0	0	9,727,075	9,729,267	0	0
US Ecology Inc., Beatty, Nye	**0**	**0**	**0**	**0**	**3,988,273**	**0**	**3,988,273**	**0**	**0**
Coeur Rochester Inc., Lovelock, Pershing	5,817	0	0	0	0	3,490,389	3,496,205	10	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	**816.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12,253,360.00**	**12,254,176.00**	**0.00**	**0.00**
Barrick Goldstrike Mine, Elko, Elko	1,546.40	0.00	0.00	0.00	0.00	6,659,509.40	6,661,055.80	0.00	2,196.60
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	**777.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,550,002.00**	**6,550,779.00**	**0.00**	**127.00**
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	742.00	1.00	0.00	0.00	0.00	3,980,360.00	3,981,103.00	0.00	0.00
Coeur Rochester Inc., Lovelock, Pershing	**1,261.51**	**0.00**	**0.00**	**0.00**	**0.00**	**3,435,333.50**	**3,436,595.01**	**0.00**	**0.00**
Newmont Mining Corp. Carlin North Area, Carlin, Eureka	395.00	0.00	0.00	0.00	0.00	1,600,148.00	1,600,543.00	0.00	0.00
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	**1,536.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,347,001.00**	**1,348,537.00**	**0.00**	**0.00**
US Ecology Inc., Beatty, Nye	0.00	0.00	0.00	0.00	1,344,010.00	0.00	1,344,010.00	0.00	0.00
Smoky Valley Common Operation, Round Mountain, Nye	**24.50**	**0.00**	**0.00**	**0.00**	**0.00**	**1,042,665.00**	**1,042,689.50**	**0.20**	**0.00**
Bald Mountain Mine, Elko, White Pine	11.00	0.00	0.00	0.00	0.00	1,027,000.00	1,027,011.00	1,200.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Barrick Goldstrike Mine, Elko, Elko	**3,013,305**	**1**	**0**	**0**	**11,675,000**	**0**	**323,447,797**	**338,136,103**	**0**
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	1,511,184	65,489	0	0	23,600,000	0	170,250,274	195,426,947	0
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	**319,514**	**0**	**0**	**0**	**8,423,000**	**0**	**153,409,130**	**162,151,644**	**0**
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	0	0	0	0	2,332,000	0	40,840,300	43,172,300	0
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	**3**	**55,443**	**0**	**0**	**1,300,000**	**0**	**27,206,286**	**28,561,732**	**0**
Newmont Mining Corp. Lone Tree Mine, Valmy, Humboldt	2,279,628	170	0	0	287,478	0	21,407,586	23,974,862	0
Bald Mountain Mine, Elko, White Pine	**0**	**0**	**0**	**0**	**0**	**1,520**	**11,786,508**	**11,788,028**	**0**
Equatorial Tonopah Inc., Tonopah, Nye	0	0	0	0	0	0	9,726,991	9,726,991	0
US Ecology Inc., Beatty, Nye	**0**	**0**	**0**	**0**	**0**	**315**	**3,988,273**	**3,988,588**	**0**
Coeur Rochester Inc., Lovelock, Pershing	6	28,971	0	0	0	0	3,494,030	3,523,007	11

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12,254,200.00**	**12,254,200.00**	**0.00**
Barrick Goldstrike Mine, Elko, Elko	257,973.00	0.00	0.00	0.00	0.00	0.00	6,661,056.00	6,919,029.00	0.00
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	**21,150.00**	**552.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,550,779.00**	**6,572,481.00**	**0.00**
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	713.00	0.00	0.00	0.00	0.00	0.00	3,981,103.00	3,981,816.00	0.00
Coeur Rochester Inc., Lovelock, Pershing	**0.00**	**371.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,435,000.00**	**3,435,371.00**	**0.00**
Newmont Mining Corp. Carlin North Area, Carlin, Eureka	0.00	75.00	0.00	0.00	0.00	0.00	1,600,543.00	1,600,618.00	0.00
Cortez Gold Mines Pipeline Processing Plant Mill 2, Crescent Valley, Lander	**0.00**	**1,443.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,348,537.00**	**1,349,980.00**	**0.00**
US Ecology Inc., Beatty, Nye	0.00	0.00	0.00	0.00	0.00	315.00	1,344,010.00	1,344,325.00	0.00
Smoky Valley Common Operation, Round Mountain, Nye	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,043,660.00**	**1,043,660.00**	**0.00**
Bald Mountain Mine, Elko, White Pine	0.00	0.00	0.00	0.00	0.00	1,200.00	1,027,011.00	1,028,211.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

2001 Toxics Release Inventory

NEW HAMPSHIRE

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	4,517,047
Air Emissions	4,496,284
Surface Water Discharges	10,675
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	10,088
Off-site Releases (Transfers Off-site to Disposal)*	241,606
Total On- and Off-site Releases	**4,758,653**
Recycled On-site	2,348,318
Recycled Off-site	10,584,760
Energy Recovery On-site	879,040
Energy Recovery Off-site	1,710,684
Treated On-site	3,727,050
Treated Off-site**	735,962
Quantity Released On- and Off-site***	5,224,889
Total Production-related Waste Managed	**25,210,703**
Non-production-related Waste Managed	**38,846**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	10,744,075
Energy Recovery	1,680,309
Treatment	220,117
Publicly Owned Treatment Works (POTWs)	609,304
Metals and Metal Category Compounds*	2,558
Non-metal TRI Chemicals**	606,746
Other Off-site Transfers****	232
Transfers Off-site to Disposal *(not including metals to POTWs)*	241,856
Total Transfers Off-site for Further Waste Management, including Disposal	**13,495,892**

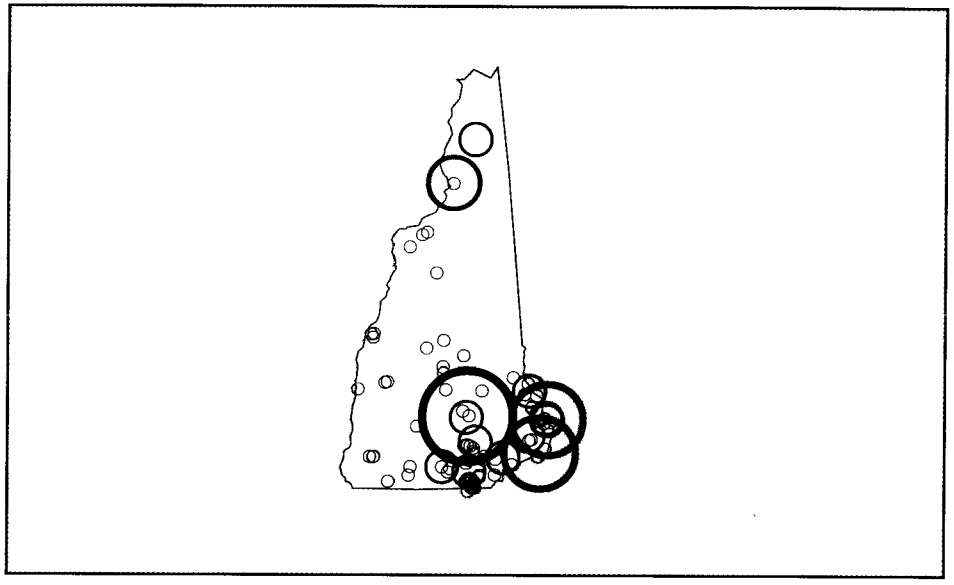
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Leland Kimball
107 Pleasant Street
Concord, NH 03301
(603) 271-2231
Fax: (603) 225-7341
leek@nhoem.state.nh.us

EPA Regional Contact
Dwight Peavey
USEPA Region 1 (SPT)
1 Congress Street, Suite 11000
Boston, MA 02114-2023
(617) 918-1829
peavey.dwight@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of New Hampshire. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,259,359
Square Miles	8,969
Total Facilities	156
Total Forms	411
Form As	51

	Total
National Rank for Total On- and Off-site Releases*	
Rank	48
Pounds	4,758,653
National Rank for Total On-site Releases**	
Rank	48
Pounds	4,517,047
National Rank for Total Releases within State***	
Rank	48
Pounds	5,165,386
National Rank for Production-related Waste Managed	
Rank	48
Pounds	25,210,703

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

NEW HAMPSHIRE

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**2,003,670**	**0**	**0**	**0**	**0**	**2,003,670**	**0**	**0**	**0**
7664-93-9	Sulfuric acid	1,081,695	0	0	0	0	1,081,695	0	0	0
7664-39-3	**Hydrogen fluoride**	**208,550**	**0**	**0**	**0**	**391**	**208,941**	**0**	**0**	**391**
1330-20-7	Xylene (mixed isomers)	204,438	8	0	0	0	204,446	0	0	0
67-56-1	**Methanol**	**153,723**	**5,180**	**0**	**0**	**36,000**	**194,903**	**0**	**0**	**36,000**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**102.41**	**108.00**	**0.00**	**0.00**	**45,687.61**	**45,898.02**	**283.36**	**8,692.59**	**36,995.03**
—	Lead compounds	249.68	8.10	0.00	412.00	4,123.83	4,793.61	5,035.80	1,841.81	2,282.02
—	**Polycyclic aromatic compounds**	**231.76**	**104.91**	**0.00**	**0.00**	**290.38**	**627.05**	**0.00**	**12.50**	**277.88**
—	Mercury compounds	29.00	0.00	0.00	5 70	67 43	102.13	39.00	3.50	63.93
191-24-2	**Benzo(g,h,i)perylene**	**0.12**	**1.11**	**0.00**	**0.00**	**24.11**	**25.34**	**0.00**	**0.13**	**23.98**
79-94-7	Tetrabromobisphenol A	2.20	0.00	0.00	0.00	0.00	2.20	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.47**	**0.00**	**0.00**	**0.00**	**0.00**	**0.47**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*214.890*	*0.000*	*0.000*	*0.142*	*0 000*	*215.032*	*0.000*	*0 000*	*0 000*
7439-97-6	**Mercury**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.01**	**0.00**	**0.00**	**0.01**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1336-36-3	**Polychlorinated biphenyls (PCBs)**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

NEW HAMPSHIRE

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Merrimack Station, Bow, Merrimack	**2,831,902**	**0**	**0**	**0**	**0**	**10,086**	**2,841,988**	**0**	**0**
Schiller Station, Portsmouth, Rockingham	468,592	0	0	0	0	0	468,592	701	0
Venture Holdings Corp. (Dba Bailey Mfg.), Seabrook, Rockingham	**418,758**	**35**	**0**	**0**	**0**	**0**	**418,793**	**0**	**0**
Groveton Paper Board Inc., Groveton, Coos	147,411	4,647	0	0	0	0	152,058	0	368
Kalwall Corp. Panels & Accessories Div., Manchester, Hillsborough	**80,197**	**0**	**0**	**0**	**0**	**0**	**80,197**	**0**	**0**
Kalwall Corp. Flat Sheet Div., Bow, Merrimack	63,403	0	0	0	0	0	63,403	0	0
Newington Station, Newington, Rockingham	**51,047**	**0**	**0**	**0**	**0**	**0**	**51,047**	**15,353**	**0**
Nashua Corp., Merrimack, Hillsborough	39,221	0	0	0	0	0	39,221	510	0
Johnson & Johnston Assoc. Inc., Hampstead, Rockingham	**33,782**	**0**	**0**	**0**	**0**	**0**	**33,782**	**0**	**0**
Sprague Avery Lane, Newington, Rockingham	25,055	177	0	0	0	0	25,232	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Merrimack Station, Bow, Merrimack	**31.20**	**0.00**	**0.00**	**0.00**	**0.00**	**415.70**	**446.90**	**0.00**	**0.00**
Groveton Paper Board Inc., Groveton, Coos	2.00	112.70	0.00	0.00	0.00	0.00	114.70	0.00	368.00
Venture Holdings Corp. (Dba Bailey Mfg.), Seabrook, Rockingham	**110.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**110.00**	**0.00**	**0.00**
Sprague River Road NH, Newington, Rockingham	4.20	98.29	0.00	0.00	0.00	0.00	102.49	0.00	0.01
Saint-Gobain Abrasives Inc., Littleton, Grafton	**86.20**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**86.20**	**0.00**	**0.00**
Hebert Mfg. Co., Laconia, Belknap	83.45	0.00	0.00	0.00	0.00	0.00	83.45	0.00	0.00
Schiller Station, Portsmouth, Rockingham	**81.30**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**81.30**	**31.20**	**0.00**
Webster Fndy. Co., Franklin, Merrimack	55.54	1.00	0.00	0.00	0.00	0.00	56.54	0.00	1,672.00
Osram Sylvania Prods. Inc., Hillsboro, Hillsborough	**50.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50.00**	**8,647.00**	**13,600.00**
Nashua Corp., Merrimack, Hillsborough	19.00	0.00	0.00	0.00	0.00	0.00	19.00	0 00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

2001 Toxics Release Inventory

NEW HAMPSHIRE

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Merrimack Station, Bow, Merrimack	**0**	**0**	**0**	**0**	**0**	**0**	**2,841,958**	**2,841,958**	**0**
Schiller Station, Portsmouth, Rockingham	0	0	0	0	0	0	469,335	469,335	0
Venture Holdings Corp. (Dba Bailey Mfg.), Seabrook, Rockingham	**215,102**	**0**	**0**	**29,346**	**0**	**0**	**414,267**	**658,715**	**80**
Montgomery Wire, Littleton, Grafton	3,000	395,642	0	0	0	0	395,757	794,399	0
Groveton Paper Board Inc., Groveton, Coos	**0**	**0**	**654**	**55**	**357,649**	**24,688**	**177,205**	**560,251**	**0**
Kalwall Corp. Panels & Accessories Div., Manchester, Hillsborough	4,221	0	0	778	0	4,216	85,190	94,405	0
FCI USA Inc., Lincoln, Grafton	**0**	**482,900**	**0**	**0**	**83,000**	**13,000**	**71,960**	**650,860**	**0**
Newington Station, Newington, Rockingham	0	0	0	0	0	0	66,368	66,368	0
Kalwall Corp. Flat Sheet Div., Bow, Merrimack	**0**	**0**	**0**	**0**	**0**	**0**	**63,403**	**63,403**	**0**
Osram Sylvania Prods. Inc., Hillsboro, Hillsborough	0	29,503	0	0	0	0	52,636	82,139	22,297

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Osram Sylvania Prods. Inc., Hillsboro, Hillsborough	**0.00**	**25,487.00**	**0.00**	**0.00**	**0.00**	**0.00**	**22,297.00**	**47,784.00**	**22,297.00**
Sigarms Inc., Exeter, Rockingham	0.00	0.00	0.00	0.00	0.00	0.00	5,400.00	5,400.00	0.00
K.W. Thompson Tool Co. Inc., Rochester, Strafford	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,232.00**	**2,232.00**	**10.00**
Forsheda Palmer-Chenard Inc., Somersworth, Strafford	0.00	0.00	0.00	0.00	0.00	0.00	1,952.00	1,952.00	0.00
FCI USA Inc., Lincoln, Grafton	**0.00**	**1,700.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,600.00**	**3,300.00**	**0.00**
Webster Fndy. Co., Franklin, Merrimack	22,344.00	53,787.00	0.00	0.00	0.00	1,296.00	1,352.00	78,779.00	375.00
GE Co., Somersworth, Strafford	**0.00**	**96.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,239.00**	**1,335.00**	**0.00**
Stowe Woodward, Concord, Merrimack	0.00	0.00	0.00	0.00	0.00	0.00	768.00	768.00	0.00
Groveton Paper Board Inc., Groveton, Coos	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**629.00**	**629.00**	**0.00**
PMC Corp., Manchester, Hillsborough	0.00	0.00	0.00	0.00	0.00	0.00	536.00	536.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

2001 Toxics Release Inventory

NEW JERSEY

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	17,854,029
Air Emissions	13,809,784
Surface Water Discharges	3,729,623
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	6
On-site Land Releases to RCRA Subtitle C Landfills	159,935
Other On-site Land Releases	154,682
Off-site Releases (Transfers Off-site to Disposal)*	40,987,748
Total On- and Off-site Releases	**58,841,777**
Recycled On-site	59,939,298
Recycled Off-site	23,907,690
Energy Recovery On-site	6,403,815
Energy Recovery Off-site	57,979,795
Treated On-site	145,287,049
Treated Off-site**	36,121,594
Quantity Released On- and Off-site***	31,854,796
Total Production-related Waste Managed	**361,494,038**
Non-production-related Waste Managed	**282,988**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	25,083,507
Energy Recovery	55,971,254
Treatment	10,050,970
Publicly Owned Treatment Works (POTWs)	29,099,845
Metals and Metal Category Compounds*	37,535
Non-metal TRI Chemicals**	29,062,310
Other Off-site Transfers****	20,818
Transfers Off-site to Disposal *(not including metals to POTWs)*	41,095,118
Total Transfers Off-site for Further Waste Management, including Disposal	**161,321,511**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions.

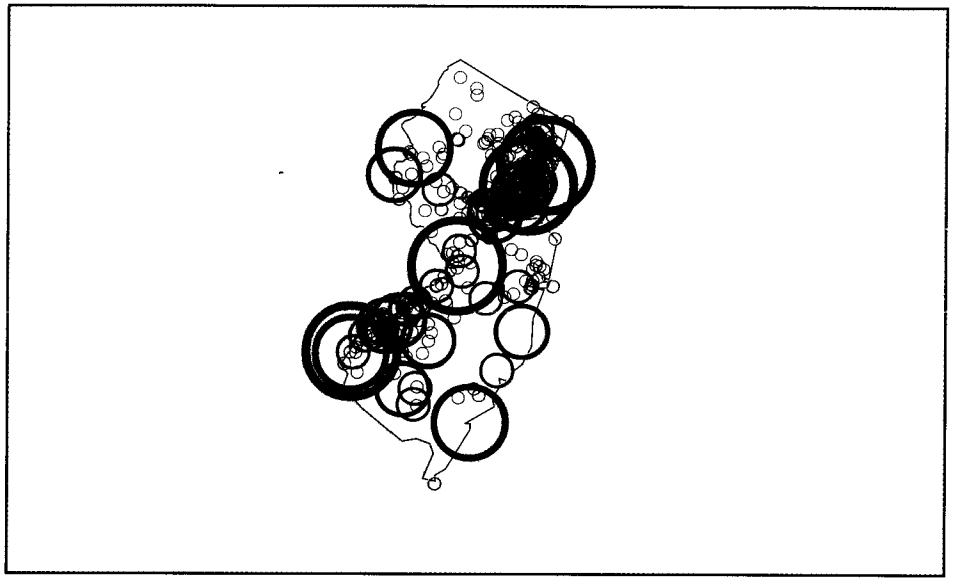
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Andrew Opperman
P.O. Box 405
Trenton, NJ 08625-0405
(609) 292-6714
Fax: (609) 633-7031
andy.opperman@dep.state.nj.us

EPA Regional Contact
Nora Lopez
USEPA Region 2 (MS- 105)
2890 Woodbridge Avenue Bldg. 10
Edison, NJ 08837-3679
(732) 906- 6890
lopez.nora@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of New Jersey All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	8,511,116
Square Miles	7,419
Total Facilities	604
Total Forms	2,437
Form As	362

	Total
National Rank for Total On- and Off-site Releases*	
Rank	26
Pounds	58,841,777
National Rank for Total On-site Releases**	
Rank	39
Pounds	17,854,029
National Rank for Total Releases within State***	
Rank	27
Pounds	49,259,866
National Rank for Production-related Waste Managed	
Rank	25
Pounds	361,494,038

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

NEW JERSEY

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**4,991**	**788**	**0**	**42,454**	**18,749,515**	**18,797,749**	**31,049**	**14,623,698**	**4,126,743**
—	Zinc compounds	23,020	19,076	0	100,036	17,858,099	18,000,231	160,595	14,175,199	3,684,383
7647-01-0	**Hydrochloric acid**	**6,114,435**	**5**	**0**	**0**	**7,546**	**6,121,986**	**980**	**0**	**7,546**
—	Nitrate compounds	283	3,161,494	0	2,730	8,977	3,173,484	35,218	4,877	4,100
—	**Copper compounds**	**1,187**	**5,754**	**0**	**18,117**	**1,869,367**	**1,894,425**	**29,353**	**582,426**	**1,292,478**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**4,991.47**	**788.08**	**0.00**	**42,454.34**	**18,749,515.10**	**18,797,748.99**	**31,049.34**	**14,623,697.79**	**4,126,742.62**
7439-92-1	Lead	4,096.07	9.37	0.00	3,390.00	56,885.78	64,381.22	27,122.79	1,019.13	55,866.66
—	**Polycyclic aromatic compounds**	**1,127.01**	**35.80**	**0.00**	**381.90**	**1,296.75**	**2,841.46**	**16,656.05**	**492.52**	**804.23**
—	Mercury compounds	483.17	12.60	1.00	37.00	590.17	1,123.94	468.91	18.87	571.30
57-74-9	**Chlordane**	**5.90**	**80.00**	**0.00**	**432.00**	**25.30**	**543.20**	**0.00**	**0.00**	**25.30**
118-74-1	Hexachlorobenzene	38.20	48.00	0.00	291.00	74.60	451.80	0.00	0.00	74.60
7439-97-6	**Mercury**	**275.30**	**0.00**	**0.00**	**0.50**	**150.40**	**426.20**	**470.02**	**115.50**	**34.90**
40487-42-1	Pendimethalin	0.00	171.00	0.00	185.00	0.00	356.00	0.00	0.00	0.00
608-93-5	**Pentachlorobenzene**	**60.20**	**0.00**	**0.00**	**0.00**	**0.00**	**60.20**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	23.89	0.10	0.00	0.00	22.52	46.51	0.78	0.65	21.87
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.61**	**0.00**	**0.00**	**0.00**	**20.53**	**21.14**	**0.00**	**5.80**	**14.73**
1582-09-8	Trifluralin	16.00	1.00	0.00	4.00	0.00	21.00	0.00	0.00	0.00
76-44-8	**Heptachlor**	**2.60**	**0.00**	**0.00**	**0.00**	**0.10**	**2.70**	**0.00**	**0.00**	**0.10**
8001-35-2	Toxaphene	0.00	0.10	0.00	0.00	0.30	0.40	0.00	0.00	0.30
72-43-5	**Methoxychlor**	**0.20**	**0.00**	**0.00**	**0.00**	**0.10**	**0.30**	**0.00**	**0.00**	**0.10**
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	0.00	0.07	0.09	0.02	0.00	0.07
—	***Dioxin and dioxin-like compounds (in grams)***	***8.256***	***0.430***	***0.000***	***1.020***	***33.180***	***42.886***	***9.230***	***1.100***	***32.080***
309-00-2	Aldrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	**Isodrin**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

NEW JERSEY

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
PSEG Power L.L.C. Hudson Generating Station, Jersey City, Hudson	**3,312,406**	**4,566**	**0**	**0**	**0**	**33,514**	**3,350,486**	**2,377**	**2,522**
Phillips 66 Co., Linden, Union	403,835	1,921,865	0	0	0	0	2,325,700	0	22,265
PSEG Power L.L.C. Mercer Generating Station, Hamilton Township, Mercer	**2,277,065**	**2,802**	**0**	**0**	**0**	**0**	**2,279,867**	**0**	**0**
Du Pont Chambers Works, Deepwater, Salem	257,773	1,178,245	0	0	159,844	0	1,595,862	11	244,718
Conectiv Deepwater Generating Station, Pennsville, Salem	**526,947**	**0**	**0**	**0**	**0**	**0**	**526,947**	**0**	**34,416**
Conectiv B.L England Generating Station, Beesleys Point, Cape May	490,336	1,103	0	0	0	0	491,439	51,246	0
Roche Vitamins Inc., Belvidere, Warren	**388,951**	**77,067**	**0**	**0**	**0**	**0**	**466,018**	**0**	**2,639**
Ford Motor Co. - Edison Assembly Plant, Edison, Middlesex	434,953	0	0	0	0	0	434,953	347	20,000
Mallinckrodt Baker Inc., Phillipsburg, Warren	**64,186**	**221,427**	**0**	**0**	**0**	**0**	**285,613**	**0**	**0**
Coastal Eagle Point Oil Co , Westville, Gloucester	237,990	14,887	0	0	0	0	252,877	2,247	2,281

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army Headquarters Fort Dix Ranges, Fort Dix, Burlington	54.00	0.00	0.00	0.00	0.00	22,039.70	22,093.70	0.00	0.00
3M Belle Mead, Belle Mead, Somerset	0 00	0.00	0.00	0.00	0.00	11,312.00	11,312.00	0.00	0.00
Du Pont Chambers Works, Deepwater, Salem	19.00	1,054.00	0.00	0.00	6,152.00	0.00	7,225.00	11.00	59,021.40
U.S. FAA William J. Hughes Technical Center, Egg Harbor Township, Atlantic	0.00	0.00	0.00	0.00	0.00	2,643.00	2,643.00	0.00	0 00
U.S. Coast Guard Detachment Sandy Hook, Highlands, Monmouth	1.10	0.00	0.00	0.00	0.00	1,840.00	1,841.10	0.00	0.00
Polyone Corp., Farmingdale, Monmouth	14.00	0.00	0.00	0.00	0.00	1,809.00	1,823.00	1,809.00	83.00
Co-Steel Sayreville, Sayreville, Middlesex	1,412.00	0.00	0.00	0.00	0.00	0.00	1,412.00	0.00	0.00
U.S. Pipe & Fndy. Co., Burlington, Burlington	1,285.00	0.00	0.00	0.00	0.00	0.00	1,285.00	0.00	45,529.00
PSEG Power L.L.C. Hudson Generating Station, Jersey City, Hudson	611.10	1.10	0.00	0.00	0.00	564.00	1,176.20	126.80	272.20
Griffin Pipe Prods. Co., Florence, Burlington	992.77	0.00	0.00	0.00	0.00	0.00	992.77	257,530.00	0 00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Old Bridge Chemicals Inc., Old Bridge, Middlesex	**0**	**0**	**0**	**0**	**0**	**0**	**5,063,875**	**5,063,875**	**0**
PSEG Power L.L.C. Hudson Generating Station, Jersey City, Hudson	0	0	0	0	150,000	0	3,351,997	3,501,997	0
Phillips 66 Co., Linden, Union	**0**	**2,025**	**0**	**0**	**12,577,430**	**172**	**2,349,282**	**14,928,909**	**8,200**
PSEG Power L.L.C. Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	250,000	0	2,279,474	2,529,474	0
Griffin Pipe Prods. Co., Florence, Burlington	**0**	**0**	**0**	**0**	**0**	**0**	**2,219,889**	**2,219,889**	**0**
Du Pont Chambers Works, Deepwater, Salem	0	838,450	0	0	43,532,930	2,503,724	1,822,804	48,697,909	6,770
Madison Inds. Inc., Old Bridge, Middlesex	**0**	**0**	**0**	**0**	**0**	**0**	**1,725,400**	**1,725,400**	**0**
U.S. Pipe & Fndy. Co., Burlington, Burlington	0	122,138	0	0	0	17,693	642,564	782,395	0
Conectiv Deepwater Generating Station, Pennsville, Salem	**0**	**0**	**0**	**0**	**59,814**	**0**	**561,362**	**621,176**	**0**
Conectiv B.L. England Generating Station, Beesleys Point, Cape May	0	0	0	0	739,335	0	542,689	1,282,024	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Old Bridge Chemicals Inc., Old Bridge, Middlesex	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,684,880.00**	**1,684,880.00**	**0.00**
Madison Inds. Inc., Old Bridge, Middlesex	0.00	0.00	0.00	0.00	0.00	0.00	353,800.00	353,800.00	0.00
Safety-Kleen Sys. Inc., Linden, Union	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**341,815.00**	**341,815.00**	**0.00**
Clean Earth of North Jersey Inc. (F.K.A. S & W Waste Inc.), South Kearny, Hudson	0.00	4,062.00	0.00	0.00	0.00	0.00	300,423.00	304,485.00	0.00
Griffin Pipe Prods. Co., Florence, Burlington	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**257,551.00**	**257,551.00**	**0.00**
Du Pont Chambers Works, Deepwater, Salem	0.00	0.00	0.00	0.00	1,162.00	39.00	66,257.00	67,459.00	0.00
U.S. Pipe & Fndy. Co., Burlington, Burlington	**0.00**	**74,693.00**	**0.00**	**0.00**	**0.00**	**0.00**	**46,814.00**	**121,507.00**	**0.00**
Mykroy/Mycalex Ceramics, Clifton, Passaic	0.00	0.00	0.00	0.00	0.00	0.00	35,295.00	35,295.00	0.00
Garlock Bearings Inc., Thorofare, Gloucester	**0.00**	**13,375.00**	**0.00**	**0.00**	**0.00**	**0.00**	**25,570.00**	**38,946.00**	**0.00**
Atlantic States Cast Iron Pipe Co., Phillipsburg, Warren	0.00	0.00	0.00	0.00	0.00	0.00	24,673.00	24,673.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

NEW MEXICO

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	103,271,430
Air Emissions	1,072,357
Surface Water Discharges	40,023
Underground Injection Class I Wells	37,389
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	102,121,661
Off-site Releases (Transfers Off-site to Disposal)*	2,561,720
Total On- and Off-site Releases	**105,833,149**
Recycled On-site	1,531,999
Recycled Off-site	3,789,504
Energy Recovery On-site	27,756,266
Energy Recovery Off-site	74,011
Treated On-site	9,996,538
Treated Off-site**	503,881
Quantity Released On- and Off-site***	107,869,053
Total Production-related Waste Managed	**151,521,252**
Non-production-related Waste Managed	**2,359,540**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	3,846,657
Energy Recovery	78,841
Treatment	80,488
Publicly Owned Treatment Works (POTWs)	428,363
Metals and Metal Category Compounds*	112
Non-metal TRI Chemicals**	428,251
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	4,812,461
Total Transfers Off-site for Further Waste Management, including Disposal	**9,246,809**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases, e g. releases due to catastrophic events or remedial actions

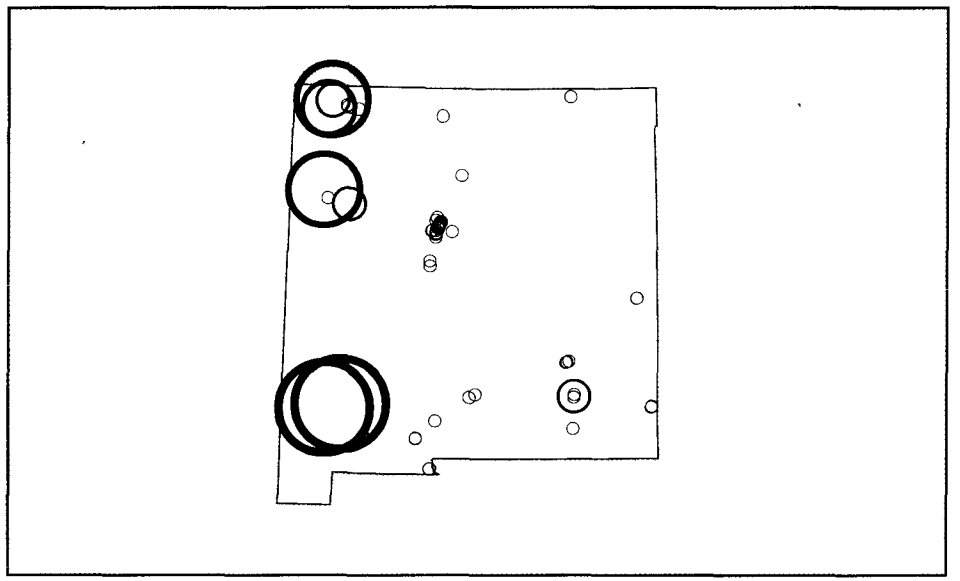
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Jerry J. Lazzari
P.O. Box 1628
Santa Fe, NM 87504-1628
(505) 476-9681
Fax (505) 471-5922
jlazzari@dps.state.nm.us

EPA Regional Contact
Morton Wakeland
USEPA Region 6 (6PDT)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733
(214) 665-8116
wakeland.morton@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of New Mexico. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	1,830,935
Square Miles	121,365
Total Facilities	80
Total Forms	372
Form As	35

	Total
National Rank for Total On- and Off-site Releases*	
Rank	18
Pounds	105,833,149
National Rank for Total On-site Releases**	
Rank	17
Pounds	103,271,430
National Rank for Total Releases within State***	
Rank	18
Pounds	108,179,006
National Rank for Production-related Waste Managed	
Rank	32
Pounds	151,521,252

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

NEW MEXICO

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Copper compounds**	**11,839**	**4,005**	**0**	**55,651,587**	**43,015**	**55,710,446**	**18,000**	**153,010**	**5**
—	Manganese compounds	4,135	0	0	18,796,730	200,000	19,000,865	0	410,000	0
—	**Lead compounds**	**2,898**	**51**	**0**	**7,114,677**	**39,358**	**7,156,984**	**3,173**	**131,448**	**7,911**
—	Zinc compounds	7,469	2,000	0	6,708,333	119,842	6,837,644	0	206,842	0
—	**Barium compounds**	**9,117**	**0**	**0**	**4,401,739**	**2,000,000**	**6,410,856**	**0**	**3,400,000**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**2,897.70**	**50.70**	**0.00**	**7,114,677.30**	**39,358.30**	**7,156,984.00**	**3,173.00**	**131,447.50**	**7,910.80**
7439-92-1	Lead	1,200.57	0.00	0.00	17,208.00	101.20	18,509.77	1,910.61	59.30	41.90
—	**Mercury compounds**	**832.82**	**0.00**	**0.00**	**12,111.06**	**360.04**	**13,303.92**	**0.68**	**360.00**	**0.04**
7439-97-6	Mercury	721.22	0 00	0 00	396.00	6.51	1,123.73	0.00	539.00	6.51
—	**Polycyclic aromatic compounds**	**25.79**	**0.00**	**0.00**	**0.00**	**4.50**	**30.29**	**0.00**	**4.50**	**0.00**
191-24-2	Benzo(g,h,i)perylene	0.46	0 00	0.00	0.00	0.00	0.46	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*5.737*	*0.000*	*0.000*	*0.000*	*0 000*	*5.737*	*0.000*	*0.000*	*0.000*
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

NEW MEXICO

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Phelps Dodge Tyrone Inc., Tyrone, Grant	**8,735**	**0**	**0**	**0**	**0**	**48,487,000**	**48,495,735**	**0**	**0**
Chino Mines Co., Hurley, Grant	128,785	0	0	0	0	46,928,794	47,057,579	0	0
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	**19,926**	**0**	**0**	**0**	**0**	**2,451,869**	**2,471,795**	**0**	**0**
BHP Navajo Coal Co., Fruitland, San Juan	0	0	0	0	0	2,271,340	2,271,340	0	0
Four Corners Steam Electric Station, Fruitland, San Juan	**180,686**	**6,081**	**0**	**0**	**0**	**1,201,133**	**1,387,900**	**2,251,539**	**7**
Tri-State Generation & Transmission Escalante Station, Prewitt, Mc Kinley	35,445	0	0	0	0	442,382	477,827	0	0
San Juan Generating Station, Waterflow, San Juan	**206,880**	**0**	**0**	**0**	**0**	**41,531**	**248,410**	**2,475,060**	**0**
Navajo Refining Co., Artesia, Eddy	158,011	0	37,389	0	0	5	195,405	15,098	641
U.S. Air Force Holloman Air Force Base - Range Activities, Holloman A F B, Otero	**71**	**0**	**0**	**0**	**0**	**104,757**	**104,828**	**0**	**0**
Giant Refining Co., Jamestown, Mc Kinley	103,146	0	0	0	0	80	103,226	0	21

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Phelps Dodge Tyrone Inc., Tyrone, Grant	140.00	0.00	0.00	0.00	0.00	6,030,000.00	6,030,140.00	0.00	0.00
Chino Mines Co., Hurley, Grant	1,885.40	0.00	0.00	0.00	0.00	895,970.00	897,855.40	0.00	0.00
BHP Navajo Coal Co., Fruitland, San Juan	0.00	0.00	0.00	0.00	0.00	100,540.00	100,540.00	0.00	0.00
Four Corners Steam Electric Station, Fruitland, San Juan	1,023.65	3.00	0.00	0.00	0.00	55,033.00	56,059.65	100,539.00	6.50
U.S. Department of the Treasury Fletc Artesia, Artesia, Eddy	0.00	0.00	0.00	0.00	0.00	15,904.00	15,904.00	0.00	0.00
U.S. DOE Nonproliferation & Natl. Security Institute/CTA, Albuquerque, Bernalillo	12.00	0.00	0.00	0.00	0.00	15,630.00	15,642.00	0.00	0 00
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	0.00	0.00	0.00	0.00	0.00	13,978.00	13,978.00	0.00	0.00
Tri-State Generation & Transmission Escalante Station, Prewitt, Mc Kinley	49.83	0.00	0.00	0.00	0.00	8,282.00	8,331.83	0.00	0.00
U.S. DOE Los Alamos Natl. Laboratory, Los Alamos, Los Alamos	5.20	47.70	0.00	0.00	0.00	3,799.00	3,851.90	0.00	7,786.00
U.S. Air Force Holloman Air Force Base - Range Activities, Holloman A F B, Otero	71.00	0.00	0.00	0.00	0.00	3,741.00	3,812.00	0.00	0 00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

2001 Toxics Release Inventory

NEW MEXICO

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Phelps Dodge Tyrone Inc., Tyrone, Grant	**0**	**95,000**	**0**	**0**	**0**	**0**	**48,494,670**	**48,589,670**	**0**
Chino Mines Co., Hurley, Grant	0	0	0	0	0	0	46,976,317	46,976,317	0
Four Corners Steam Electric Station, Fruitland, San Juan	**0**	**0**	**234,392**	**0**	**1,870,000**	**0**	**3,631,196**	**5,735,588**	**0**
San Juan Generating Station, Waterflow, San Juan	0	0	0	0	0	0	2,689,105	2,689,105	0
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	**0**	**0**	**0**	**0**	**0**	**0**	**2,451,869**	**2,451,869**	**2,356,736**
BHP Navajo Coal Co., Fruitland, San Juan	0	0	0	0	0	0	2,271,340	2,271,340	0
Tri-State Generation & Transmission Escalante Station, Prewitt, Mc Kinley	**0**	**0**	**0**	**0**	**279,628**	**0**	**477,827**	**757,455**	**0**
Navajo Refining Co., Artesia, Eddy	347,837	0	27,521,874	0	1,060,516	1,525	211,141	29,142,893	0
U.S. Air Force Holloman Air Force Base - Range Activities, Holloman A F B, Otero	**0**	**0**	**0**	**0**	**0**	**0**	**104,828**	**104,828**	**0**
Giant Refining Co., Jamestown, Mc Kinley	0	30	0	0	0	1	103,217	103,248	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Phelps Dodge Tyrone Inc., Tyrone, Grant	**0.00**	**95,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,030,000.00**	**6,125,000.00**	**0.00**
Chino Mines Co., Hurley, Grant	0.00	0.00	0.00	0.00	0.00	0.00	897,856.00	897,856.00	0.00
Four Corners Steam Electric Station, Fruitland, San Juan	**0.00**	**0.00**	**234,392.00**	**0.00**	**0.00**	**0.00**	**161,196.00**	**395,588.00**	**0.00**
BHP Navajo Coal Co., Fruitland, San Juan	0.00	0.00	0.00	0.00	0.00	0.00	100,540.00	100,540.00	0.00
U.S. Department of the Treasury Fletc Artesia, Artesia, Eddy	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**15,904.00**	**15,904.00**	**0.00**
U.S. DOE Nonproliferation & Natl. Security Institute/CTA, Albuquerque, Bernalillo	0.00	0.00	0.00	0.00	0.00	0.00	15,630.00	15,630.00	0.00
San Juan Generating Station, Waterflow, San Juan	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**15,105.00**	**15,105.00**	**0.00**
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	0.00	0.00	0.00	0.00	0.00	0.00	13,978.00	13,978.00	13,978.00
U.S. DOE Los Alamos Natl. Laboratory, Los Alamos, Los Alamos	**0.00**	**2.00**	**0.00**	**0.00**	**0.00**	**0.00**	**11,319.00**	**11,321.00**	**322.00**
CTS Wireless Components Inc., Albuquerque, Bernalillo	0.00	0.00	0.00	0.00	0.00	0.00	9,700.00	9,700.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

2001 Toxics Release Inventory

NEW YORK

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	39,768,882
Air Emissions	29,629,649
Surface Water Discharges	6,733,053
Underground Injection Class I Wells	1
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	7,677
Other On-site Land Releases	3,398,501
Off-site Releases (Transfers Off-site to Disposal)*	5,062,168
Total On- and Off-site Releases	**44,831,050**
Recycled On-site	113,439,403
Recycled Off-site	67,997,882
Energy Recovery On-site	35,671,806
Energy Recovery Off-site	4,485,007
Treated On-site	99,244,224
Treated Off-site**	10,424,862
Quantity Released On- and Off-site***	46,426,593
Total Production-related Waste Managed	**377,689,778**
Non-production-related Waste Managed	**1,229,894**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	66,886,024
Energy Recovery	4,254,122
Treatment	4,112,401
Publicly Owned Treatment Works (POTWs)	5,417,082
Metals and Metal Category Compounds*	134,540
Non-metal TRI Chemicals**	5,282,541
Other Off-site Transfers****	17
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,079,505
Total Transfers Off-site for Further Waste Management, including Disposal	**85,749,152**

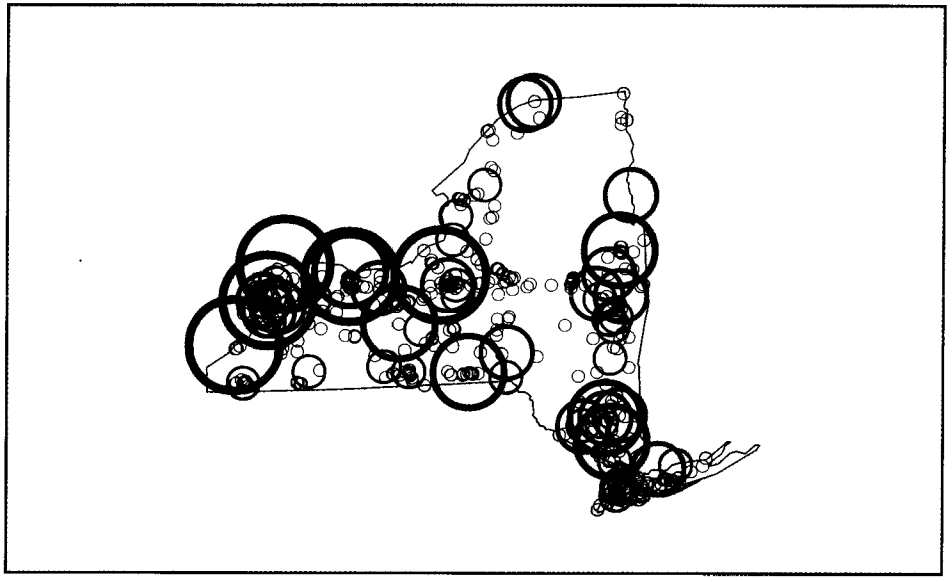
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Susanne Wither NYSDEC
625 Broadway, 11th Floor
Albany, NY 12233-9553
(518) 402-9553
Fax: (518) 402-9020
smwither@gw.dec.state.ny.us

EPA Regional Contact
Nora Lopez
USEPA Region 2 (MS- 105)
2890 Woodbridge Avenue Bldg 10
Edison, NJ 08837-3679
(732) 906- 6890
lopez.nora@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of New York. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	19,084,350
Square Miles	47,224
Total Facilities	775
Total Forms	2,785
Form As	324

	Total
National Rank for Total On- and Off-site Releases*	
Rank	30
Pounds	44,831,050
National Rank for Total On-site Releases**	
Rank	28
Pounds	39,768,882
National Rank for Total Releases within State***	
Rank	30
Pounds	44,713,606
National Rank for Production-related Waste Managed	
Rank	24
Pounds	377,689,778

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

NEW YORK

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**12,608,015**	**0**	**0**	**0**	**0**	**12,608,015**	**0**	**0**	**0**
—	Nitrate compounds***	132,847	6,109,642	0	531,017	110,440	6,883,946	891	88,827	21,613
7664-93-9	**Sulfuric acid**	**4,437,190**	**0**	**0**	**0**	**0**	**4,437,190**	**5**	**0**	**0**
—	Barium compounds***	14,117	112,816	0	1,529,056	647,418	2,303,407	76,226	411,952	236,539
108-88-3	**Toluene**	**1,903,995**	**801**	**0**	**0**	**16,056**	**1,920,852**	**11,055**	**9,068**	**7,169**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds*** **	**23,456.23**	**13,253.51**	**0.00**	**775,686.15**	**370,347.56**	**1,180,723.45**	**215,689.55**	**96,661.11**	**273,687.22**
1336-36-3	Polychlorinated biphenyls (PCBs)***	235.96	0.24	0.00	1,068,730.00	3,689 86	1,072,656.06	299.23	3,689.86	0.00
7439-92-1	**Lead**	**8,534.30**	**4,850.33**	**0.00**	**62,566.47**	**64,706.66**	**140,657.76**	**86,544.82**	**35,819.54**	**28,887.12**
—	Polycyclic aromatic compounds***	21,275.34	25.02	0.00	8,413.76	9,319.14	39,033.27	118.52	9,267.61	51.53
79-94-7	**Tetrabromobisphenol A**	**35.36**	**0.00**	**0.00**	**0.00**	**7,284.00**	**7,319.36**	**0.00**	**7,284.00**	**0.00**
—	Mercury compounds***	1,091.90	17.04	0.00	1,915.45	418.39	3,368.78	4,950.20	77.67	340.72
191-24-2	**Benzo(g,h,i)perylene*** **	**936.16**	**0.00**	**0.00**	**330.14**	**1,203.36**	**2,469.66**	**0.00**	**1,202.75**	**0.61**
7439-97-6	Mercury	266.15	0.01	0.00	40.00	736.00	1,042.16	820.90	59.00	677.00
118-74-1	**Hexachlorobenzene**	**0.20**	**0.30**	**0.00**	**0.00**	**25.30**	**25.80**	**53.35**	**25.30**	**0.00**
—	Dioxin and dioxin-like compounds	0.08	0.01	0.00	0.00	0.16	0.25	0.23	0.13	0.03
—	***Dioxin and dioxin-like compounds (in grams)***	***34.518***	***3.864***	***0.000***	***0.077***	***73.658***	***112.117***	***106.550***	***59.904***	***13.754***
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00
309-00-2	**Aldrin**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—****	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—****	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—****	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—****	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—****	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemicals ranking is based on the amounts in this column.

*** One facility, CWM Chemical Services, L L.C. in Model City, submitted their reports too late to be included in this report They have been included in these tables for the chemicals indicated, but not in the other tables in this report.

**** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

NEW YORK

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Eastman Kodak Co. Kodak Park, Rochester, Monroe	**3,880,472**	**1,070,855**	**0**	**0**	**0**	**6,965**	**4,958,292**	**93,503**	**3,068**
CWM Chemical Services, L.L.C., Model City, Niagara**	3	184	0	0	4,544,217	139	4,544,543	0	8,342
Huntley Generating Station, Tonawanda, Erie	**2,795,027**	**163,308**	**0**	**0**	**0**	**0**	**2,958,335**	**108,718**	**0**
Dunkirk Steam Station, Dunkirk, Chautauqua	2,794,293	133,412	0	0	0	0	2,927,705	57,725	0
AES Somerset L.L.C., Barker, Niagara	**197,699**	**1,439**	**0**	**0**	**0**	**2,381,446**	**2,580,584**	**0**	**0**
Anheuser-Busch Inc., Baldwinsville, Onondaga	19,404	2,472,445	0	0	0	0	2,491,849	0	0
Russell Station, Rochester, Monroe	**1,844,821**	**46**	**0**	**0**	**0**	**0**	**1,844,867**	**894**	**19**
Danskammer Generating Facility, Newburgh, Orange	1,293,641	413	0	0	0	42,408	1,336,462	0	0
AES-Greenidge L.L.C., Dresden, Yates	**1,101,461**	**529**	**0**	**0**	**0**	**178,662**	**1,280,652**	**0**	**0**
Lovett Generating Station, Tomkins Cove, Rockland	1,065,605	0	0	0	0	0	1,065,605	36,855	95,088

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
CWM Chemical Services, L.L.C., Model City, Niagara**	**2.56**	**0.00**	**0.00**	**0.00**	**1,779,619.00**	**130.00**	**1,779,751.56**	**0.00**	**2,094.00**
AES Somerset L.L.C., Barker, Niagara	362.01	0.84	0.00	0.00	0.00	53,848.00	54,210.85	0.00	0.00
U.S. Army Fort Drum Ranges, Fort Drum, Jefferson	**1,545.00**	**0.00**	**0.00**	**0.00**	**0.00**	**44,573.00**	**46,118.00**	**0.00**	**0.00**
Lafarge Building Materials Inc., Ravena, Albany	131.10	0.00	0.00	0.00	0.00	10,247.00	10,378.10	0.00	10.00
Dyno Nobel, Ulster Park, Ulster	**9,581.34**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**9,581.34**	**0.00**	**1,000.00**
Reynolds Metals Co. St. Lawrence Reduction Plant, Massena, St Lawrence	7,285.00	0.70	0.00	0.00	0.00	1,600.00	8,885.70	13,129.00	0.00
U.S. Military Academy Range Control, West Point, Orange	**84.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7,760.00**	**7,844.00**	**0.00**	**0.00**
Tulip Corp. Niagara Falls Plant, Niagara Falls, Niagara	0.00	0.00	0.00	0.00	7,366.00	0.00	7,366.00	7,366.00	0.00
Dunkirk Steam Station, Dunkirk, Chautauqua	**787.54**	**6,212.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,999.54**	**825.00**	**0.00**
St Lawrence Cement Co. L.L.C., Catskill, Greene	5,186.00	0.00	0.00	0.00	0.00	8.00	5,194.00	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

** One facility, CWM Chemical Services, L.L.C. in Model City, submitted their reports too late to be included in this report. They have been included in these tables, but not in the other tables in this report

2001 Toxics Release Inventory

NEW YORK

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Eastman Kodak Co. Kodak Park, Rochester, Monroe	**0**	**594,331**	**0**	**16,803**	**28,512,373**	**124,219**	**5,050,680**	**34,298,406**	**7,145**
CWM Chemical Services, L.L.C., Model City, Niagara**	0	264	0	110	52,200	54,757	4,553,289	4,660,620	0
Huntley Generating Station, Tonawanda, Erie	**0**	**0**	**0**	**0**	**669,000**	**0**	**3,067,422**	**3,736,422**	**0**
Dunkirk Steam Station, Dunkirk, Chautauqua	0	0	0	0	648,000	0	2,984,455	3,632,455	0
AES Somerset L.L.C., Barker, Niagara	**0**	**0**	**0**	**0**	**2,693,699**	**0**	**2,580,223**	**5,273,922**	**0**
Anheuser-Busch Inc., Baldwinsville, Onondaga	0	0	0	0	452,369	34	2,491,849	2,944,252	0
Russell Station, Rochester, Monroe	**0**	**1**	**0**	**0**	**489,300**	**0**	**1,845,743**	**2,335,044**	**0**
Photocircuits Corp., Glen Cove, Nassau	0	1,553,399	0	83,429	365,670	70,454	1,590,531	3,663,483	0
Danskammer Generating Facility, Newburgh, Orange	**0**	**0**	**0**	**0**	**0**	**0**	**1,336,463**	**1,336,463**	**0**
AES-Greenidge L.L.C., Dresden, Yates	0	0	0	0	0	0	1,283,102	1,283,102	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
CWM Chemical Services, L.L.C., Model City, Niagara**	**0.00**	**264.00**	**0.00**	**0.00**	**0.00**	**45,541.00**	**1,781,725.00**	**1,827,530.00**	**0.00**
Corning Inc. Fall Brook Plant, Corning, Steuben	1,550,000.00	117,000.00	0.00	0.00	0.00	0.00	131,500.00	1,798,500.00	0.00
Photocircuits Corp., Glen Cove, Nassau	**0.00**	**76,910.00**	**0.00**	**0.00**	**0.00**	**0.00**	**77,194.00**	**154,104.00**	**0.00**
AES Somerset L.L.C., Barker, Niagara	0.00	0.00	0.00	0.00	0.00	0.00	54,211.00	54,211.00	0.00
U.S. Army Fort Drum Ranges, Fort Drum, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**46,118.00**	**46,118.00**	**0.00**
Rome Cable Corp., Rome, Oneida	6,349.00	51,571.00	0.00	0.00	0.00	0.00	42,425.00	100,345.00	0.00
U.S. DOE Brookhaven Natl. Laboratory, Upton, Suffolk	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**31,288.00**	**31,288.00**	**30,688.00**
Revere Smelting & Refining Corp., Middletown, Orange	4,100,000.00	0.00	0.00	0.00	0.00	0.00	28,000.00	4,128,000.00	0.00
Toshiba Display Devices Inc., Horseheads, Chemung	**650,478.00**	**642,299.00**	**0.00**	**0.00**	**0.00**	**0.00**	**21,956.00**	**1,314,733.00**	**0.00**
Buffalo China Inc., Buffalo, Erie	47,989.00	9,576.00	0.00	0.00	0.00	69.00	17,882.00	75,516.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

** One facility, CWM Chemical Services, L.L.C. in Model City, submitted their reports too late to be included in this report. They have been included in these tables, but not in the other tables in this report

2001 Toxics Release Inventory

NORTH CAROLINA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	137,433,858
Air Emissions	115,130,332
Surface Water Discharges	9,887,436
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	765
Other On-site Land Releases	12,415,324
Off-site Releases (Transfers Off-site to Disposal)*	10,234,240
Total On- and Off-site Releases	**147,668,098**
Recycled On-site	248,360,511
Recycled Off-site	96,054,465
Energy Recovery On-site	33,635,298
Energy Recovery Off-site	10,881,206
Treated On-site	116,570,037
Treated Off-site**	8,786,214
Quantity Released On- and Off-site***	147,535,797
Total Production-related Waste Managed	**661,823,529**
Non-production-related Waste Managed	**440,744**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	92,137,112
Energy Recovery	11,112,800
Treatment	3,653,983
Publicly Owned Treatment Works (POTWs)	4,843,327
Metals and Metal Category Compounds*	27,379
Non-metal TRI Chemicals**	4,815,948
Other Off-site Transfers****	500
Transfers Off-site to Disposal *(not including metals to POTWs)*	10,923,359
Total Transfers Off-site for Further Waste Management, including Disposal	**122,671,081**

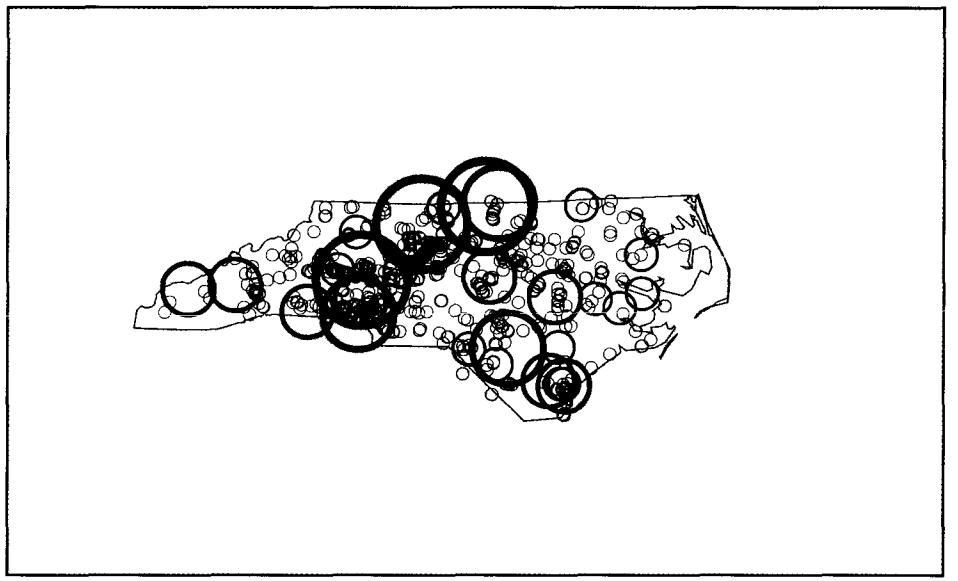
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Anthony B. Bonapart
4714 Mail Service Center
Raleigh, NC 27699-4714
(919) 733-3899
Fax: (919) 733-2860
abonapart@ncem.org

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of North Carolina. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	8,206,105
Square Miles	48,718
Total Facilities	914
Total Forms	3,104
Form As	537

	Total
National Rank for Total On- and Off-site Releases*	
Rank	10
Pounds	147,668,098
National Rank for Total On-site Releases**	
Rank	9
Pounds	137,433,858
National Rank for Total Releases within State***	
Rank	13
Pounds	144,331,848
National Rank for Production-related Waste Managed	
Rank	15
Pounds	661,823,529

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

NORTH CAROLINA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**73,912,664**	**5**	**0**	**0**	**508,560**	**74,421,229**	**0**	**0**	**508,560**
—	Nitrate compounds	17	9,021,444	0	500,122	1,763,183	11,284,766	1,726	1,742,237	20,946
67-56-1	**Methanol**	**10,426,279**	**100,285**	**0**	**18,824**	**30,762**	**10,576,150**	**750**	**28,522**	**2,240**
7664-39-3	Hydrogen fluoride	5,160,908	5	0	0	0	5,160,913	2,944	0	0
—	**Barium compounds**	**27,881**	**58,615**	**0**	**4,350,804**	**363,548**	**4,800,848**	**62,110**	**268,824**	**105,724**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**3,202.96**	**558.47**	**0.00**	**178,656.02**	**370,936.47**	**553,353.92**	**27,539.87**	**16,545.50**	**354,392.90**
—	Lead compounds	17,958.17	1,828.73	0.00	393,349.52	118,736.26	531,872.67	14,782.95	47,625.56	72,053.76
—	**Polycyclic aromatic compounds**	**31,102.65**	**94.00**	**0.00**	**131.80**	**8,223.59**	**39,552.04**	**50.75**	**8,056.06**	**167.53**
—	Mercury compounds	3,328.19	18.12	0.00	1,338.85	398.17	5,083.33	0.20	372.49	28.58
7439-97-6	**Mercury**	**835.39**	**0.77**	**0.00**	**799.00**	**122.00**	**1,757.17**	**0.00**	**0.00**	**122.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	647.10	0.00	0.00	0.00	0.00	647.10	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**457.87**	**14.80**	**0.00**	**8.50**	**71.61**	**552.77**	**0.00**	**59.51**	**12.10**
—	Dioxin and dioxin-like compounds	1.10	0.01	0.00	0.27	1.38	2.75	0.00	1.35	0.02
—	***Dioxin and dioxin-like compounds (in grams)***	***497.289***	***2.457***	***0.000***	***121.733***	***624.205***	***1,245.683***	***0.000***	***613.422***	***10.784***
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.10	0.10	0.00	0.10	0.00
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

NORTH CAROLINA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
CP&L Roxboro Steam Electric Plant, Semora, Person	**19,225,563**	**6,665**	**0**	**0**	**0**	**1,785,812**	**21,018,040**	**40**	**125**
Duke Power Belews Creek Steam Station, Belews Creek, Stokes	12,343,978	5,305	0	0	0	1,274,562	13,623,845	1	0
Duke Energy Marshall Steam Station, Terrell, Catawba	**11,304,766**	**8,305**	**0**	**0**	**0**	**1,999,778**	**13,312,849**	**2**	**0**
CP&L Mayo Electric Generating Plant, Roxboro, Person	8,635,542	7,197	0	0	0	840,089	9,482,828	27,743	0
Smithfield Packing Co. Inc. Tar Heel Div., Tar Heel, Bladen	**31,313**	**6,288,810**	**0**	**0**	**0**	**0**	**6,320,123**	**0**	**0**
Duke Energy Plant Allen, Belmont, Gaston	5,211,675	43,382	0	0	0	1,060,130	6,315,187	0	0
CP&L-L. V. Sutton Steam Electric Plant, Wilmington, New Hanover	**4,211,839**	**405**	**0**	**0**	**0**	**274,500**	**4,486,744**	**0**	**0**
Duke Energy Cliffside Steam Station, Mooresboro, Rutherford	3,642,116	18,182	0	0	0	453,050	4,113,348	0	0
International Paper Riegelwood Mill, Riegelwood, Columbus	**2,790,786**	**226,188**	**0**	**0**	**0**	**336,074**	**3,353,048**	**0**	**1,000**
CP&L-H.F. Lee Steam Electric Plant, Goldsboro, Wayne	2,599,166	2,461	0	0	0	342,075	2,943,702	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army Range Facility For Fort Bragg, Fort Bragg, Cumberland	**868.90**	**0.00**	**0.00**	**0.00**	**0.00**	**89,295.30**	**90,164.20**	**0.00**	**0.00**
Duke Energy Marshall Steam Station, Terrell, Catawba	1,390.10	13.20	0.00	0.00	0.00	71,578.00	72,981.30	1.40	0.00
CP&L Roxboro Steam Electric Plant, Semora, Person	**2,533.96**	**15.73**	**0.00**	**0.00**	**0.00**	**60,240.00**	**62,789.69**	**23.56**	**69.63**
PCS Phosphate Co. Inc. Aurora Div., Aurora, Beaufort	303.10	0.00	0.00	0.00	0.00	61,542.10	61,845.20	0.00	0.00
U.S. Marine Corps Base Camp Lejeune Range Facility, Camp Lejeune, Onslow	**277.00**	**0.00**	**0.00**	**0.00**	**0.00**	**46,096.00**	**46,373.00**	**0.00**	**0.00**
Duke Power Belews Creek Steam Station, Belews Creek, Stokes	1,086.00	25.20	0.00	0.00	0.00	39,246.10	40,357.30	0.40	0.00
Duke Energy Plant Allen, Belmont, Gaston	**800.00**	**72.40**	**0.00**	**0.00**	**0.00**	**38,130.00**	**39,002.40**	**0.20**	**0.00**
CP&L Mayo Electric Generating Plant, Roxboro, Person	582.78	91.80	0.00	0.00	0.00	29,089.00	29,763.58	942.90	0 00
Duke Energy Riverbend Steam Station, Mount Holly, Gaston	**260.00**	**14.70**	**0.00**	**0.00**	**0.00**	**16,034.00**	**16,308.70**	**7.90**	**0.00**
Duke Energy Cliffside Steam Station, Mooresboro, Rutherford	560.00	381.60	0.00	0.00	0.00	15,050.00	15,991.60	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
CP&L Roxboro Steam Electric Plant, Semora, Person	**0**	**0**	**1**	**0**	**0**	**0**	**21,006,958**	**21,006,959**	**0**
Duke Power Belews Creek Steam Station, Belews Creek, Stokes	0	0	0	0	159,000	0	13,621,635	13,780,635	0
Duke Energy Marshall Steam Station, Terrell, Catawba	**0**	**0**	**0**	**0**	**76,000**	**0**	**13,301,720**	**13,377,720**	**0**
CP&L Mayo Electric Generating Plant, Roxboro, Person	0	0	0	0	0	0	9,513,432	9,513,433	0
Smithfield Packing Co. Inc. Tar Heel Div., Tar Heel, Bladen	**0**	**0**	**0**	**0**	**2,376,467**	**0**	**6,320,122**	**8,696,589**	**0**
Duke Energy Plant Allen, Belmont, Gaston	0	0	0	0	37,400	0	6,309,350	6,346,750	0
CP&L-L. V. Sutton Steam Electric Plant, Wilmington, New Hanover	**0**	**0**	**0**	**0**	**0**	**0**	**4,484,083**	**4,484,084**	**0**
Duke Energy Cliffside Steam Station, Mooresboro, Rutherford	0	0	0	0	55,000	0	4,115,000	4,170,000	0
International Paper Riegelwood Mill, Riegelwood, Columbus	**0**	**0**	**0**	**0**	**1,167,280**	**0**	**3,354,098**	**4,521,378**	**0**
Blue Ridge Paper Prods. Inc., Canton, Haywood	0	0	10,267,700	0	5,011,002	0	3,206,277	18,484,979	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Heritage Environmental Services L.L.C., Charlotte, Mecklenburg	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**125,000.00**	**125,000.00**	**0.00**
Nucor Steel Hertford County, Cofield, Hertford	0.00	0.00	0.00	0.00	0.00	0.00	115,283.00	115,283.00	0.00
U.S. Army Range Facility For Fort Bragg, Fort Bragg, Cumberland	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**90,164.00**	**90,164.00**	**0.00**
Duke Energy Marshall Steam Station, Terrell, Catawba	0.00	0.00	0.00	0.00	0.00	0.00	72,720.00	72,720.00	0.00
CP&L Roxboro Steam Electric Plant, Semora, Person	**0.00**	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**	**63,258.00**	**63,259.00**	**0.00**
PCS Phosphate Co. Inc. Aurora Div., Aurora, Beaufort	0.00	35.00	0.00	0.00	0.00	0.00	61,881.00	61,916.00	0.00
U.S. Marine Corps Base Camp Lejeune Range Facility, Camp Lejeune, Onslow	**0.00**	**1,760.00**	**0.00**	**0.00**	**0.00**	**0.00**	**46,096.00**	**47,856.00**	**0.00**
Duke Power Belews Creek Steam Station, Belews Creek, Stokes	0.00	0.00	0.00	0.00	0.00	0.00	40,635.00	40,635.00	0.00
Duke Energy Plant Allen, Belmont, Gaston	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**39,350.00**	**39,350.00**	**0.00**
CP&L Mayo Electric Generating Plant, Roxboro, Person	0.00	0.00	0.00	0.00	0.00	0.00	30,432.00	30,433.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

2001 Toxics Release Inventory

NORTH DAKOTA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	16,742,343
Air Emissions	4,328,230
Surface Water Discharges	110,470
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	12,303,643
Off-site Releases (Transfers Off-site to Disposal)*	8,534,710
Total On- and Off-site Releases	**25,277,053**
Recycled On-site	950
Recycled Off-site	731,887
Energy Recovery On-site	0
Energy Recovery Off-site	19,879
Treated On-site	5,534,778
Treated Off-site**	553,161
Quantity Released On- and Off-site***	25,990,159
Total Production-related Waste Managed	**32,830,814**
Non-production-related Waste Managed	**15,005**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	731,597
Energy Recovery	39,422
Treatment	41,630
Publicly Owned Treatment Works (POTWs)	550,299
Metals and Metal Category Compounds*	532
Non-metal TRI Chemicals**	549,767
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	9,230,342
Total Transfers Off-site for Further Waste Management, including Disposal	**10,593,290**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions

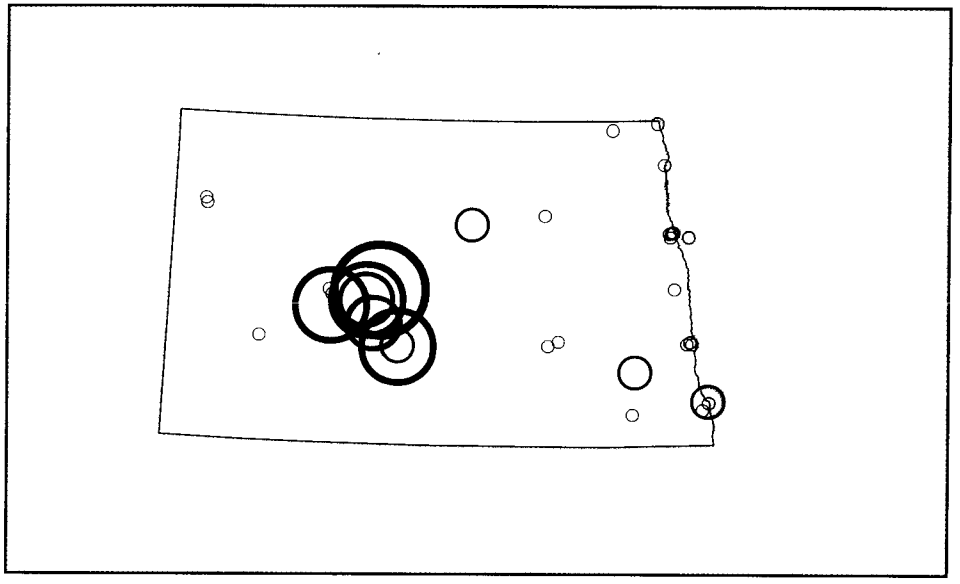
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Ray DeBoer
P.O. Box 5511
Bismarck, ND 58506-5511
(701) 328-8100
Fax: (701) 328-8181
rdeboer@state.nd.us

EPA Regional Contact
Joyel Dhieux
USEPA Region 8 (8P- P3T)
999 18th Street, Suite 500
Denver, CO 80202
(303) 312-6447
dhieux.joyel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of North Dakota All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	636,550
Square Miles	68,994
Total Facilities	47
Total Forms	243
Form As	26

	Total
National Rank for Total On- and Off-site Releases*	
Rank	39
Pounds	25,277,053
National Rank for Total On-site Releases**	
Rank	40
Pounds	16,742,343
National Rank for Total Releases within State***	
Rank	39
Pounds	25,963,973
National Rank for Production-related Waste Managed	
Rank	45
Pounds	32,830,814

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

NORTH DAKOTA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Barium compounds**	**39,697**	**22,917**	**0**	**9,040,236**	**6,683,068**	**15,785,918**	**0**	**7,243,068**	**0**
—	Manganese compounds	15,091	16,318	0	1,934,890	1,024,023	2,990,322	0	1,112,023	0
7664-93-9	**Sulfuric acid**	**1,872,430**	**0**	**0**	**0**	**0**	**1,872,430**	**0**	**0**	**0**
110-54-3	n-Hexane	527,596	0	0	0	0	527,596	0	0	0
7664-39-3	**Hydrogen fluoride**	**490,133**	**0**	**0**	**0**	**260**	**490,393**	**0**	**0**	**260**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**7,887.45**	**27.60**	**0.00**	**102,028.60**	**71,494.90**	**181,438.55**	**0.00**	**69,473.60**	**2,161.30**
7439-92-1	Lead	462.80	424.00	0.00	3,512.00	5,166.00	9,564.80	0.00	5,166.00	0.00
—	**Mercury compounds**	**2,293.32**	**0.40**	**0.00**	**278.00**	**354.82**	**2,926.54**	**0.00**	**356.72**	**0.10**
—	Polycyclic aromatic compounds	189.50	0.00	0.00	28.46	6.34	224.30	0.00	6.34	0.00
1582-09-8	**Trifluralin**	**0.00**	**0.00**	**0.00**	**194.70**	**0.00**	**194.70**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	53.44	0.00	0.00	1.02	0.11	54.57	0.00	0.11	0.00
7439-97-6	**Mercury**	**12.80**	**0.00**	**0.00**	**0.00**	**0.00**	**12.80**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***5.859***	***0.000***	***0.000***	***0.090***	***0.000***	***5.949***	***0.000***	***0.000***	***0.000***
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1336-36-3	**Polychlorinated biphenyls (PCBs)**	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	**Toxaphene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

NORTH DAKOTA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Great River Energy Coal Creek Station, Underwood, Mc Lean	**306,488**	**328**	**0**	**0**	**0**	**5,526,939**	**5,833,754**	**381,825**	**0**
Basin Electric Power Co-Op Leland Olds Station, Stanton, Mercer	148,655	1,728	0	0	0	2,203,742	2,354,125	739,860	0
Tesoro Petroleum - Mandan Refy., Mandan, Morton	**1,901,355**	**1,050**	**0**	**0**	**0**	**2,208**	**1,904,612**	**43**	**2,845**
Otter Tail Power Co. Coyote Station, Beulah, Mercer	33,073	59	0	0	0	1,618,136	1,651,268	252,566	0
BNI Coal Ltd., Center, Oliver	**0**	**0**	**0**	**0**	**0**	**1,078,000**	**1,078,000**	**0**	**0**
Minnkota Power Cooperative Inc. Milton R Young Station, Center, Oliver	188,208	0	0	0	0	822,501	1,010,709	2,312,004	0
Great River Energy Stanton Station, Stanton, Mercer	**96,845**	**49,551**	**0**	**0**	**0**	**726,831**	**873,226**	**906,415**	**0**
R.M. Heskett Station, Mandan, Morton	325,708	5	0	0	0	236,438	562,151	28,103	0
ADM Northern Sun Div., Enderlin, Ransom	**279,360**	**0**	**0**	**0**	**0**	**0**	**279,360**	**0**	**0**
ADM Processing, Velva, Mc Henry	205,686	0	0	0	0	0	205,686	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Great River Energy Coal Creek Station, Underwood, Mc Lean	1,282.70	0.00	0.00	0.00	0.00	61,838.56	63,121.26	22,448.20	0.00
Otter Tail Power Co. Coyote Station, Beulah, Mercer	551.50	13.10	0.00	0.00	0.00	23,110.20	23,674.80	1,234.20	0.00
Minnkota Power Cooperative Inc. Milton R Young Station, Center, Oliver	2,071.11	0.00	0.00	0.00	0.00	15,001.00	17,072.11	6,430.00	0.00
R.M. Heskett Station, Mandan, Morton	40.40	0.00	0.00	0.00	0.00	3,432.05	3,472.45	403.20	0 00
Tesoro Petroleum - Mandan Refy., Mandan, Morton	596.70	14.80	0.00	0.00	0.00	2,203.70	2,815.20	43.02	2,161.40
Basin Electric Power Co-Op. Antelope Valley Station, Beulah, Mercer	2,610.00	0.00	0.00	0.00	0.00	0.00	2,610.00	31,240.00	0.00
Basin Electric Power Co-Op Leland Olds Station, Stanton, Mercer	1,890.00	0.00	0.00	0.00	0.00	142.00	2,032.00	7,860.00	0.00
Great River Energy Stanton Station, Stanton, Mercer	559.53	423.10	0.00	0.00	0.00	120.57	1,103.20	4,807.21	0.00
American Crystal Sugar Co., Hillsboro, Traill	671.91	0.00	0.00	0.00	0.00	0.00	671.91	0.00	0.00
American Crystal Sugar Co., Drayton, Pembina	607.36	0.00	0.00	0.00	0.00	0.00	607.36	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Great River Energy Coal Creek Station, Underwood, Mc Lean	**0**	**0**	**0**	**0**	**154,800**	**0**	**6,213,821**	**6,368,621**	**0**
Basin Electric Power Co-Op. Antelope Valley Station, Beulah, Mercer	0	0	0	0	0	0	4,665,550	4,665,550	0
Minnkota Power Cooperative Inc. Milton R Young Station, Center, Oliver	**0**	**0**	**0**	**0**	**0**	**0**	**3,252,380**	**3,252,380**	**0**
Basin Electric Power Co-Op Leland Olds Station, Stanton, Mercer	0	0	0	0	0	0	3,124,850	3,124,850	0
Tesoro Petroleum - Mandan Refy., Mandan, Morton	**0**	**1,416**	**0**	**9**	**1,746,572**	**168**	**1,906,228**	**3,654,393**	**0**
Otter Tail Power Co. Coyote Station, Beulah, Mercer	0	0	0	0	760,000	0	1,895,070	2,655,070	0
Great River Energy Stanton Station, Stanton, Mercer	**0**	**0**	**0**	**0**	**0**	**0**	**1,779,823**	**1,779,823**	**0**
BNI Coal Ltd., Center, Oliver	0	0	0	0	0	0	1,078,000	1,078,000	0
R.M. Heskett Station, Mandan, Morton	**0**	**2,800**	**0**	**0**	**243,000**	**0**	**596,968**	**842,768**	**0**
ADM Northern Sun Div., Enderlin, Ransom	0	0	0	0	0	1,190	279,360	280,550	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Great River Energy Coal Creek Station, Underwood, Mc Lean	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**85,604.00**	**85,604.00**	**0.00**
Basin Electric Power Co-Op. Antelope Valley Station, Beulah, Mercer	0.00	0.00	0.00	0.00	0.00	0.00	33,650.00	33,650.00	0.00
Otter Tail Power Co. Coyote Station, Beulah, Mercer	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**24,550.00**	**24,550.00**	**0.00**
Minnkota Power Cooperative Inc. Milton R Young Station, Center, Oliver	0.00	0.00	0.00	0.00	0.00	0.00	23,380.00	23,380.00	0.00
Basin Electric Power Co-Op Leland Olds Station, Stanton, Mercer	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**9,850.00**	**9,850.00**	**0.00**
Great River Energy Stanton Station, Stanton, Mercer	0.00	0.00	0.00	0.00	0.00	0.00	6,093.00	6,093.00	0.00
Tesoro Petroleum - Mandan Refy., Mandan, Morton	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,060.00**	**5,060.00**	**0.00**
R.M. Heskett Station, Mandan, Morton	0.00	0.00	0.00	0.00	0.00	0.00	3,869.00	3,869.00	0.00
American Crystal Sugar Co., Hillsboro, Traill	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**672.00**	**672.00**	**0.00**
American Crystal Sugar Co., Drayton, Pembina	0.00	0.00	0.00	0.00	0.00	0.00	607.00	607.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

2001 Toxics Release Inventory

NORTHERN MARIANAS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	7,955
Air Emissions	7,953
Surface Water Discharges	0
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	2
Off-site Releases (Transfers Off-site to Disposal)*	0
Total On- and Off-site Releases	**7,955**
Recycled On-site	0
Recycled Off-site	0
Energy Recovery On-site	0
Energy Recovery Off-site	0
Treated On-site	0
Treated Off-site**	0
Quantity Released On- and Off-site***	7,953
Total Production-related Waste Managed	**7,953**
Non-production-related Waste Managed	**0**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	0
Energy Recovery	0
Treatment	0
Publicly Owned Treatment Works (POTWs)	0
Metals and Metal Category Compounds*	0
Non-metal TRI Chemicals**	0
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	0
Total Transfers Off-site for Further Waste Management, including Disposal	**0**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions

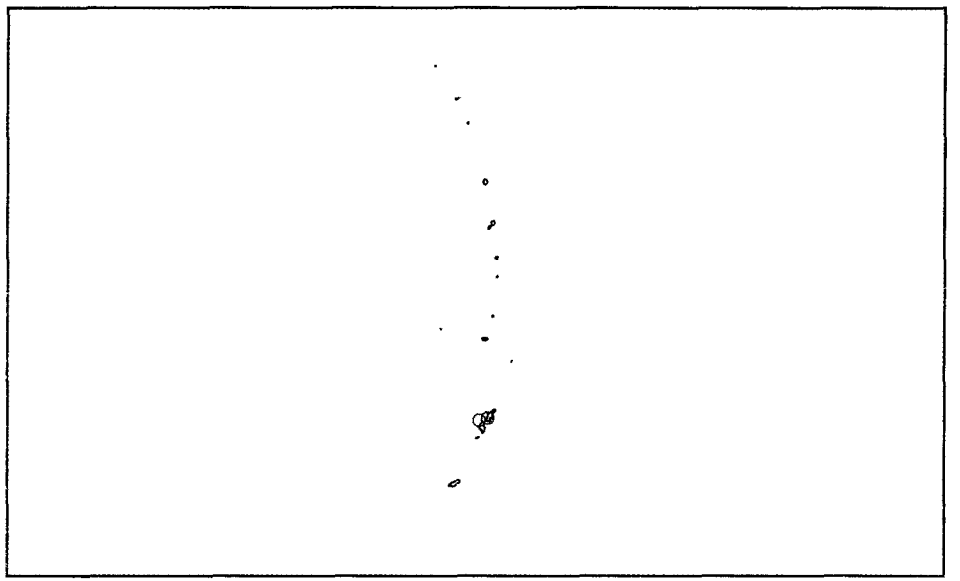
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
John I. Castro, Jr., Director
Third Floor, Morgan Bldg., San Jose
P.O. Box 501340
Saipan, MP 96950-1340
International (670) 664-8500/1
deq.director@saipan.com

EPA Regional Contact
Nancy Sockabasin
USEPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 972-3772
sockabasin.nancy@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the map represents the largest facility for on-site releases in Northern Marianas All circles are proportionally-sized to represent the on-site releases at each facility within this territory

State/TRI Data	
Population	69,221
Square Miles	179
Total Facilities	3
Total Forms	21
Form As	0

	Total
National Rank for Total On- and Off-site Releases*	
Rank	55
Pounds	7,955
National Rank for Total On-site Releases**	
Rank	55
Pounds	7,955
National Rank for Total Releases within State***	
Rank	55
Pounds	7,955
National Rank for Production-related Waste Managed	
Rank	55
Pounds	7,953

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

NORTHERN MARIANAS

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
108-88-3	**Toluene**	**2,689**	**0**	**0**	**0**	**0**	**2,689**	**0**	**0**	**0**
110-54-3	n-Hexane	1,766	0	0	0	0	1,766	0	0	0
1330-20-7	**Xylene (mixed isomers)**	**1,757**	**0**	**0**	**0**	**0**	**1,757**	**0**	**0**	**0**
71-43-2	Benzene	1,201	0	0	0	0	1,201	0	0	0
100-41-4	**Ethylbenzene**	**386**	**0**	**0**	**0**	**0**	**386**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**3.00**	**0.00**	**0.00**	**1.80**	**0.00**	**4.80**	**0.00**	**0.00**	**0.00**
—	Polycyclic aromatic compounds	0.69	0.00	0.00	0.30	0.00	0.99	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
—	Dioxin and dioxin-like compounds	—***	—	—	—	—	—	—	—	—
—	***Dioxin and dioxin-like compounds (in grams)***	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
7439-92-1	**Lead**	—***	—	—	—	—	—	—	—	—
7439-97-6	Mercury	—***	—	—	—	—	—	—	—	—
—	**Mercury compounds**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

NORTHERN MARIANAS

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
ExxonMobil Oil Corp. Saipan Terminal, Saipan, Saipan	**6,923**	**0**	**0**	**0**	**0**	**0**	**6,923**	**0**	**0**
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	1,026	0	0	0	0	0	1,026	0	0
Hawaiian Rock Prods. - Saipan, Saipan, Saipan	**4**	**0**	**0**	**0**	**0**	**2**	**6**	**0**	**0**
—									
—									
—									
—									
—									
—									
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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Hawaiian Rock Prods. - Saipan, Saipan, Saipan	3.50	0.00	0.00	0.00	0.00	2.10	5.60	0.00	0.00
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
ExxonMobil Oil Corp. Saipan Terminal, Saipan, Saipan	0.18	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
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* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
ExxonMobil Oil Corp. Saipan Terminal, Saipan, Saipan	**0**	**0**	**0**	**0**	**0**	**0**	**6,921**	**6,921**	**0**
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	0	0	0	0	0	0	1,026	1,026	0
Hawaiian Rock Prods. - Saipan, Saipan, Saipan	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**6**	**0**

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Hawaiian Rock Prods. - Saipan, Saipan, Saipan	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6.00**	**6.00**	**0.00**
ExxonMobil Oil Corp. Saipan Terminal, Saipan, Saipan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

OHIO

Reported Releases and Other Waste Management Activities (in pounds)

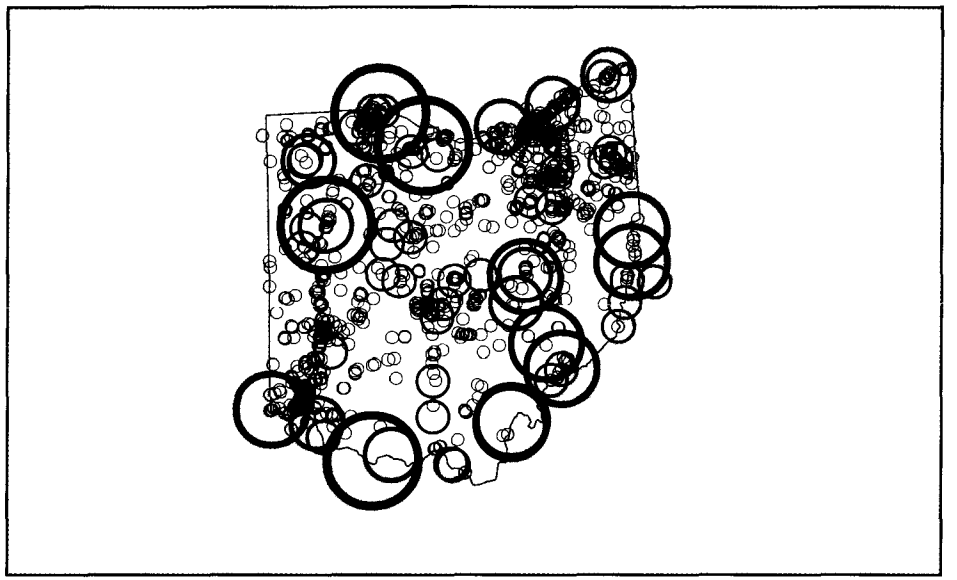
	Total
On-site Releases	197,479,559
Air Emissions	121,295,468
Surface Water Discharges	8,339,219
Underground Injection Class I Wells	31,993,954
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	12,953,608
Other On-site Land Releases	22,897,310
Off-site Releases (Transfers Off-site to Disposal)*	57,084,073
Total On- and Off-site Releases	**254,563,632**
Recycled On-site	185,819,144
Recycled Off-site	168,455,967
Energy Recovery On-site	81,101,178
Energy Recovery Off-site	37,992,825
Treated On-site	271,064,524
Treated Off-site**	34,819,545
Quantity Released On- and Off-site***	263,377,456
Total Production-related Waste Managed	**1,042,630,639**
Non-production-related Waste Managed	**198,808**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	168,188,958
Energy Recovery	40,248,568
Treatment	17,347,997
Publicly Owned Treatment Works (POTWs)	18,604,023
Metals and Metal Category Compounds*	188,609
Non-metal TRI Chemicals**	18,415,413
Other Off-site Transfers****	2,144
Transfers Off-site to Disposal *(not including metals to POTWs)*	65,298,072
Total Transfers Off-site for Further Waste Management, including Disposal	**309,689,761**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.



The largest circle in the state map represents the largest facility for on-site releases in the state of Ohio All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	11,389,785
Square Miles	40,953
Total Facilities	1,725
Total Forms	6,627
Form As	899

	Total
National Rank for Total On- and Off-site Releases*	
Rank	6
Pounds	254,563,632
National Rank for Total On-site Releases**	
Rank	6
Pounds	197,479,559
National Rank for Total Releases within State***	
Rank	5
Pounds	348,788,707
National Rank for Production-related Waste Managed	
Rank	6
Pounds	1,042,630,639

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Cindy DeWulf
P.O. Box 1049
Columbus, OH 43216-1049
(614) 644-3606
Fax: (614) 644-3681
cindy.dewulf@epa.state.oh.us

EPA Regional Contact
Thelma Codina
USEPA Region 5 (DT- 8J)
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886- 6219
codina.thelma@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

OHIO

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**53,881,526**	**41**	**0**	**0**	**980**	**53,882,547**	**678,647**	**0**	**980**
7664-93-9	Sulfuric acid	15,873,998	1	0	0	10	15,874,009	12,932	0	10
—	**Zinc compounds**	**188,750**	**49,562**	**300,000**	**2,371,120**	**12,733,303**	**15,642,735**	**52,581,459**	**7,032,398**	**5,805,173**
—	Manganese compounds	465,004	206,091	2,400,250	6,894,454	3,824,762	13,790,561	6,309,009	6,459,751	600,000
7664-41-7	**Ammonia**	**10,505,480**	**98,996**	**2,006,500**	**52,964**	**93,880**	**12,757,820**	**1,340,514**	**275,102**	**1,189**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**58,151.81**	**1,686.37**	**15,000.00**	**784,946.63**	**2,550,559.09**	**3,410,343.89**	**3,039,283.60**	**1,692,718.94**	**882,392.23**
7439-92-1	Lead	33,065.10	4,060.26	0.00	2,265,233.63	684,599.58	2,986,958.57	752,482.16	470,775.62	470,544.80
—	**Polycyclic aromatic compounds**	**411,977.63**	**103.22**	**0.00**	**1,359.46**	**369,356.57**	**782,796.89**	**1,253.66**	**252,121.59**	**117,234.98**
—	Mercury compounds	8,712.04	527.01	150.00	4,076.28	3,478.85	16,944.18	11,809.09	1,962.16	1,667.71
191-24-2	**Benzo(g,h,i)perylene**	**2,443.75**	**8.20**	**0.00**	**0.92**	**13,265.38**	**15,718.25**	**2.21**	**980.63**	**12,284.75**
40487-42-1	Pendimethalin	230.82	0.00	0.00	0.00	4,547.30	4,778.12	0.00	700.00	3,847.30
7439-97-6	**Mercury**	**2,692.52**	**40.37**	**0.00**	**266.60**	**1,430.53**	**4,430.03**	**1,050.86**	**122.18**	**1,308.35**
1582-09-8	Trifluralin	1,154.87	0.00	0.00	0.00	617.00	1,771.87	0.00	617.00	0.00
118-74-1	**Hexachlorobenzene**	**0.46**	**3.68**	**0.00**	**0.00**	**528.41**	**532.55**	**76.00**	**1.10**	**527.31**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	51.00	460.60	511.60	760.63	0.10	460.50
465-73-6	**Isodrin**	**0.16**	**0.00**	**0.00**	**0.00**	**428.63**	**428.79**	**0.00**	**0.00**	**428.63**
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	303.00	303.00	0.00	303.00	0.00
8001-35-2	**Toxaphene**	**0.10**	**0.00**	**0.00**	**0.00**	**262.29**	**262.39**	**0.00**	**0.00**	**262.29**
57-74-9	Chlordane	1.00	0.00	0.00	0.00	27.00	28.00	0.00	0.00	27.00
72-43-5	**Methoxychlor**	**0.72**	**0.00**	**0.00**	**0.00**	**27.00**	**27.72**	**0.00**	**0.00**	**27.00**
76-44-8	Heptachlor	1.00	0.00	0.00	0.00	14.00	15.00	0.00	0.00	14.00
—	**Dioxin and dioxin-like compounds**	**0.11**	**0.00**	**0.00**	**0.34**	**0.57**	**1.03**	**0.00**	**0.44**	**0.13**
—	*Dioxin and dioxin-like compounds (in grams)*	*51.529*	*0.756*	*0.000*	*155.691*	*260.014*	*467.990*	*1.906*	*199.345*	*60.670*
309-00-2	**Aldrin**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.03**	**0.00**	**0.00**	**0.00**
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

OHIO

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Vickery Environmental Inc., Vickery, Sandusky	**5**	**0**	**16,266,250**	**0**	**0**	**0**	**16,266,255**	**0**	**55,997**
BP Chemicals Inc., Lima, Allen	221,578	0	15,721,175	0	0	0	15,942,753	1,120	1,120
Envirosafe Services of Ohio Inc., Oregon, Lucas	**1,866**	**0**	**0**	**0**	**12,760,581**	**0**	**12,762,447**	**1,882**	**8,626**
J. M. Stuart Station, Manchester, Adams	9,206,534	16,405	0	0	0	2,987,585	12,210,523	0	7
Kyger Creek Station, Cheshire, Gallia	**7,726,920**	**6,875**	**0**	**0**	**0**	**826,382**	**8,560,177**	**0**	**0**
American Electric Power Cardinal Plant, Brilliant, Jefferson	6,517,838	84,163	0	0	0	1,713,397	8,315,398	13,005	6,638
W. H. Sammis Plant, Stratton, Jefferson	**7,504,787**	**1,743**	**0**	**0**	**0**	**354**	**7,506,884**	**1,768,593**	**0**
Eramet Marietta Inc., Marietta, Washington	2,083,939	148,021	0	0	0	4,792,662	7,024,622	0	48,400
An Electric Power Muskingum River Plant, Beverly, Washington	**5,752,093**	**8,551**	**0**	**0**	**0**	**956,960**	**6,717,604**	**2,915**	**0**
American Electric Power Conesville Plant, Conesville, Coshocton	5,106,229	27,656	0	0	0	1,144,910	6,278,795	802	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Envirosafe Services of Ohio Inc., Oregon, Lucas	**50.80**	**0.00**	**0.00**	**0.00**	**2,232,081.00**	**0.00**	**2,232,131.80**	**76.53**	**620.76**
Ormet Primary Aluminum Corp., Hannibal, Monroe	402,476.00	0.00	0.00	0.00	0.00	0.00	402,476.00	248,800.00	0.00
GMC Powertrain Defiance, Defiance, Defiance	**635.31**	**4.90**	**0.00**	**0.00**	**0.00**	**188,005.30**	**188,645.51**	**0.00**	**5.40**
American Electric Power Gavin Plant, Cheshire, Gallia	1,769.70	41.00	0.00	0.00	0.00	98,485.00	100,295.70	274.00	0.00
J. M. Stuart Station, Manchester, Adams	**1,762.80**	**0.10**	**0.00**	**0.00**	**0.00**	**93,584.50**	**95,347.40**	**0.00**	**7.00**
WCI Steel Inc., Warren, Trumbull	690.50	8.00	0.00	0.00	0.00	86,301.30	86,999.80	51.20	3.00
American Electric Power Cardinal Plant, Brilliant, Jefferson	**903.75**	**1.00**	**0.00**	**0.00**	**0.00**	**58,917.00**	**59,821.75**	**5.00**	**301.00**
American Electric Power Conesville Plant, Conesville, Coshocton	1,851.43	5.00	0.00	0.00	0.00	47,060.00	48,916.43	55.00	0.00
An Electric Power Muskingum River Plant, Beverly, Washington	**1,463.00**	**4.00**	**0.00**	**0.00**	**0.00**	**40,210.00**	**41,677.00**	**130.00**	**0.00**
Kyger Creek Station, Cheshire, Gallia	855.00	22.02	0.00	0.00	0.00	39,332.00	40,209.02	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Vickery Environmental Inc., Vickery, Sandusky	**0**	**0**	**0**	**0**	**0**	**1,591**	**16,266,250**	**16,267,841**	**0**
BP Chemicals Inc., Lima, Allen	3,680,000	0	6,559,740	0	8,540,000	21,026	15,877,356	34,678,122	2,833
Onyx Environmental Services L.L.C., West Carrollton, Montgomery	**5,462,773**	**0**	**0**	**5,225,058**	**0**	**1,936,340**	**13,141,161**	**25,765,332**	**0**
Envirosafe Services of Ohio Inc., Oregon, Lucas	0	0	0	0	0	0	12,760,581	12,760,581	0
J. M. Stuart Station, Manchester, Adams	**0**	**6**	**0**	**0**	**3,900,000**	**0**	**12,223,354**	**16,123,360**	**0**
W. H. Sammis Plant, Stratton, Jefferson	0	0	0	0	1,958,100	0	9,273,689	11,231,789	0
Kyger Creek Station, Cheshire, Gallia	**0**	**0**	**0**	**0**	**3,000,000**	**0**	**8,555,703**	**11,555,703**	**0**
American Electric Power Cardinal Plant, Brilliant, Jefferson	0	223,000	0	0	1,867,000	0	8,331,864	10,421,864	0
Eramet Marietta Inc., Marietta, Washington	**211,200**	**34,000**	**0**	**0**	**17,000**	**38**	**7,073,271**	**7,335,509**	**0**
An Electric Power Muskingum River Plant, Beverly, Washington	0	157,100	0	0	3,653,000	0	6,722,963	10,533,063	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Envirosafe Services of Ohio Inc., Oregon, Lucas	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,232,081.00**	**2,232,081.00**	**0.00**
Ormet Primary Aluminum Corp., Hannibal, Monroe	0.00	0.00	0.00	0.00	0.00	0.00	651,262.00	651,262.00	0.00
Envirite of Ohio Inc., Canton, Stark	**0.00**	**439.00**	**0.00**	**0.00**	**0.00**	**0.00**	**439,157.00**	**439,596.00**	**0.00**
Thomson Multimedia Inc., Circleville, Pickaway	18,894,588.00	0.00	0.00	0.00	0.00	0.00	372,417.00	19,267,005.00	0.00
Clow Water Sys. Co., Coshocton, Coshocton	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**360,000.00**	**360,000.00**	**0.00**
Techneglas Inc., Columbus, Franklin	38,750,000.00	167,304.00	0.00	0.00	0.00	0.00	280,160.00	39,197,464.00	0.00
Timken Co. - Faircrest Steel Plant, Canton, Stark	**9,300.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**240,000.00**	**249,300.00**	**0.00**
GE Circleville Lamp Plant, Circleville, Pickaway	0.00	39,200.00	0.00	0.00	0.00	0.00	230,640.00	269,840.00	0.00
American Spring Wire Corp., Bedford Heights, Cuyahoga	**0.00**	**44,244.00**	**0.00**	**0.00**	**0.00**	**0.00**	**228,663.00**	**272,907.00**	**0.00**
GMC Powertrain Defiance, Defiance, Defiance	0.00	2.00	0.00	0.00	0.00	0.00	190,032.00	190,034.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

OKLAHOMA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	25,268,743
Air Emissions	17,377,943
Surface Water Discharges	2,391,127
Underground Injection Class I Wells	4,828
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	2,518,028
Other On-site Land Releases	2,976,818
Off-site Releases (Transfers Off-site to Disposal)*	3,618,278
Total On- and Off-site Releases	**28,887,021**
Recycled On-site	56,654,350
Recycled Off-site	20,705,689
Energy Recovery On-site	64,445,608
Energy Recovery Off-site	2,000,748
Treated On-site	38,660,757
Treated Off-site**	2,232,749
Quantity Released On- and Off-site***	28,816,690
Total Production-related Waste Managed	**213,516,591**
Non-production-related Waste Managed	**185,842**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	20,194,173
Energy Recovery	1,994,532
Treatment	676,374
Publicly Owned Treatment Works (POTWs)	1,144,309
Metals and Metal Category Compounds*	10,256
Non-metal TRI Chemicals**	1,134,053
Other Off-site Transfers****	2,431
Transfers Off-site to Disposal *(not including metals to POTWs)*	3,725,078
Total Transfers Off-site for Further Waste Management, including Disposal	**27,736,898**

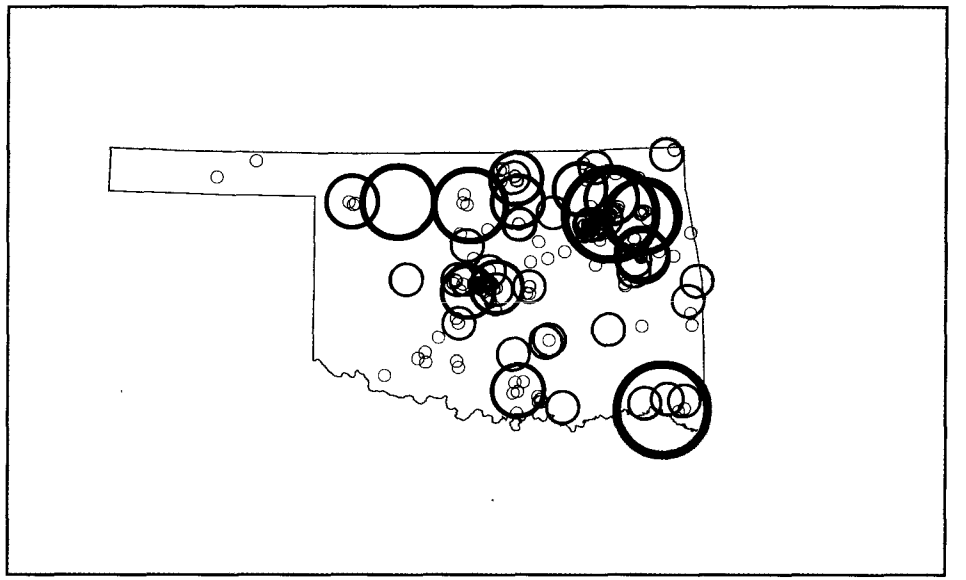
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Monty Elder
P.O. Box 1677
Oklahoma City, OK 73101-1677
(405) 702-1017
Fax: (405) 702-1001
monty.elder@deq.state.ok.us

EPA Regional Contact
Morton Wakeland
USEPA Region 6 (6PDT)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733
(214) 665-8116
wakeland.morton@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Oklahoma. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	3,469,577
Square Miles	68,679
Total Facilities	343
Total Forms	1,236
Form As	219

	Total
National Rank for Total On- and Off-site Releases*	
Rank	37
Pounds	28,887,021
National Rank for Total On-site Releases**	
Rank	35
Pounds	25,268,743
National Rank for Total Releases within State***	
Rank	35
Pounds	33,022,192
National Rank for Production-related Waste Managed	
Rank	31
Pounds	213,516,591

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

OKLAHOMA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-41-7	**Ammonia**	**5,995,915**	**81,112**	**0**	**25,716**	**1,850**	**6,104,593**	**4,502**	**1,850**	**0**
67-56-1	Methanol	3,930,686	16,249	0	8,574	2,810	3,958,319	647,857	255	2,555
—	**Barium compounds**	**40,980**	**6,806**	**0**	**2,226,712**	**299,605**	**2,574,103**	**36,389**	**210,480**	**89,125**
—	Nitrate compounds	10	2,227,141	0	48,220	0	2,275,371	2,373,822	0	0
—	**Zinc compounds**	**28,394**	**5,693**	**1,812**	**680,876**	**1,198,267**	**1,915,042**	**538,424**	**544,907**	**681,082**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**6,554.83**	**260.27**	**562.00**	**397,852.41**	**66,927.73**	**472,157.24**	**44,365.74**	**6,508.09**	**61,306.95**
—	Polycyclic aromatic compounds	2,324.44	17.10	0.00	171.75	87,292.22	89,805.51	42.00	86,775.45	516.77
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**20.00**	**0.00**	**0.00**	**69,557.00**	**0.00**	**69,577.00**	**0.24**	**0.00**	**0.00**
7439-92-1	Lead	7,598.14	19.14	0.00	43,718.00	14,738.68	66,073.96	1,298.76	42,363.81	12,720.39
—	**Mercury compounds**	**1,459.29**	**7.80**	**0.00**	**3,493.11**	**631.89**	**5,592.09**	**2,212.60**	**174.14**	**457.74**
1582-09-8	Trifluralin	0.00	0.00	0.00	2,545.00	0.00	2,545.00	0.00	0.00	0.00
8001-35-2	**Toxaphene**	**0.00**	**0.00**	**0.00**	**504.00**	**0.00**	**504.00**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	137.05	4.10	0.00	5.24	29.37	175.76	0.70	29.37	0.00
7439-97-6	**Mercury**	**54.70**	**1.11**	**0.00**	**38.00**	**2.23**	**96.04**	**602.10**	**2.23**	**0.00**
79-94-7	Tetrabromobisphenol A	62.00	0.00	0.00	0.00	0.00	62.00	0.00	0.00	0.00
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**41.00**	**0.00**	**41.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.18	0.00	0.00	0.03	0.10	0.32	0.01	0.10	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***82.187***	***0.445***	***0.000***	***13.636***	***46.730***	***142.998***	***5.331***	***46.730***	***0.000***
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

OKLAHOMA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Weyerhaeuser Co., Valliant, Mc Curtain	**3,899,145**	**73,798**	**0**	**0**	**0**	**25,804**	**3,998,747**	**0**	**0**
Terra Nitrogen Ltd. L.P., Claremore, Rogers	3,107,000	170,700	0	0	0	250	3,277,950	0	0
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	**456**	**0**	**0**	**0**	**2,390,526**	**0**	**2,390,982**	**0**	**55,761**
Farmland Inds. Inc., Enid, Garfield	2,287,775	5,510	0	0	0	250	2,293,535	0	0
Protein Techs. Intl. Inc., Pryor, Mayes	**50**	**1,866,989**	**0**	**0**	**0**	**34,490**	**1,901,529**	**0**	**0**
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	114,708	849	0	0	0	1,642,447	1,758,004	0	0
Baker Petrolite Corp., Barnsdall, Osage	**897,500**	**0**	**1,000**	**0**	**0**	**0**	**898,500**	**0**	**0**
Conoco Inc. Ponca City Refy., Ponca City, Kay	564,586	45,946	0	0	0	4,518	615,050	15,435	173
Terra Intl. (Oklahoma) Inc., Woodward, Woodward	**500,165**	**41,250**	**0**	**0**	**0**	**21,000**	**562,415**	**0**	**0**
American Electric Power Northeastern Station, Oologah, Rogers	168,353	0	0	0	0	346,160	514,513	277	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	84.00	0.00	0.00	0.00	444,341.02	0.00	444,425.02	0.00	1,276.26
National Standard Co., Stillwater, Payne	3,060.00	0.00	0.00	0.00	40,341.00	0.00	43,401.00	40,344.00	1.00
Holcim US Inc., Ada, Pontotoc	123.00	0.00	0.00	0.00	0.00	12,890.00	13,013.00	0.00	0.00
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	1,858.26	0.00	0.00	0.00	0.00	6,573.00	8,431.26	0.00	0.00
Fort James Operating Co., Muskogee, Muskogee	272.00	20.91	0.00	0.00	0.00	4,638.00	4,930.91	0.23	0.00
Grede-Pryor Inc., Pryor, Mayes	3,698.00	0.00	0.00	0.00	0.00	0.00	3,698.00	0.00	0.00
Weyerhaeuser Co., Valliant, Mc Curtain	1,330.46	200.70	0.00	0.00	0.00	2,004.71	3,535.88	0.00	0.00
U.S. Air Force Tinker AFB Ok. Range Activities, Tinker A F B, Oklahoma	7.00	0.00	0.00	0.00	0.00	2,807.00	2,814.00	0.00	0.00
American Electric Power Northeastern Station, Oologah, Rogers	402.50	0.00	0.00	0.00	0.00	1,370.00	1,772.50	13.00	0.00
Conoco Inc. Ponca City Refy., Ponca City, Kay	1,176.00	30.00	0.00	0.00	0.00	479.00	1,685.00	131.60	173.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Weyerhaeuser Co., Valliant, Mc Curtain	**0**	**0**	**0**	**0**	**5,326,623**	**4,694**	**3,998,995**	**9,330,312**	**0**
Terra Nitrogen Ltd. L.P., Claremore, Rogers	2,333,000	0	0	0	0	0	3,270,610	5,603,610	7,300
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	**0**	**0**	**0**	**0**	**190,478**	**3,088**	**2,446,742**	**2,640,308**	**0**
Farmland Inds. Inc., Enid, Garfield	1,711,000	0	0	0	683,600	0	2,304,075	4,698,675	0
Protein Techs. Intl. Inc., Pryor, Mayes	**0**	**0**	**0**	**0**	**19,243,206**	**0**	**1,901,529**	**21,144,735**	**0**
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	0	0	0	0	980,000	0	1,757,724	2,737,724	0
Baker Petrolite Corp., Barnsdall, Osage	**34,130,000**	**0**	**0**	**1,000**	**0**	**0**	**750,900**	**34,881,900**	**146,600**
Zinc Corp. Of America, Bartlesville, Washington	0	0	0	0	0	0	692,131	692,131	0
AES Shady Point Inc., Panama, Le Flore	**0**	**0**	**0**	**0**	**0**	**0**	**686,340**	**686,340**	**0**
Conoco Inc. Ponca City Refy., Ponca City, Kay	0	65,519	0	46	809,222	9	631,101	1,505,897	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**445,701.00**	**445,701.00**	**0.00**
Michelin N.A. Ardmore Plant, Ardmore, Carter	75,006.00	93,008.00	0.00	0.00	0.00	1,490.00	88,005.00	257,509.00	0.00
National Standard Co., Stillwater, Payne	**0.00**	**653,589.00**	**0.00**	**0.00**	**0.00**	**3.00**	**43,406.00**	**696,998.00**	**0.00**
Yaffe Iron & Metal Co. Inc., Muskogee, Muskogee	8,222.00	66,576.00	0.00	0.00	0.00	0.00	42,387.00	117,185.00	0.00
Zinc Corp. of America, Bartlesville, Washington	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**38,864.00**	**38,864.00**	**0.00**
Holcim US Inc., Ada, Pontotoc	0.00	0.00	0.00	0.00	0.00	0.00	16,109.00	16,109.00	0.00
Delta Faucet of Oklahoma, Chickasha, Grady	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12,865.00**	**12,865.00**	**0.00**
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	0.00	0.00	0.00	0.00	0.00	0.00	8,452.00	8,452.00	0.00
Valmont Coatings Oklahoma Galvanizing, Claremore, Rogers	**0.00**	**10,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,600.00**	**16,600.00**	**0.00**
Gulfstream Aerospace Techs., Bethany, Oklahoma	147,130.00	5,977.00	0.00	0.00	0.00	0.00	5,981.00	159,088.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

OREGON

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	36,428,289
Air Emissions	12,914,088
Surface Water Discharges	2,912,278
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	3,999,477
Other On-site Land Releases	16,602,446
Off-site Releases (Transfers Off-site to Disposal)*	1,148,229
Total On- and Off-site Releases	**37,576,517**
Recycled On-site	22,101,690
Recycled Off-site	13,281,298
Energy Recovery On-site	14,813,876
Energy Recovery Off-site	2,053,144
Treated On-site	42,316,360
Treated Off-site**	10,049,902
Quantity Released On- and Off-site***	46,747,723
Total Production-related Waste Managed	**151,363,993**
Non-production-related Waste Managed	**147,532**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	13,307,350
Energy Recovery	2,037,950
Treatment	846,649
Publicly Owned Treatment Works (POTWs)	10,891,009
Metals and Metal Category Compounds*	61,395
Non-metal TRI Chemicals**	10,829,614
Other Off-site Transfers****	853
Transfers Off-site to Disposal *(not including metals to POTWs)*	9,482,359
Total Transfers Off-site for Further Waste Management, including Disposal	**36,566,169**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions.

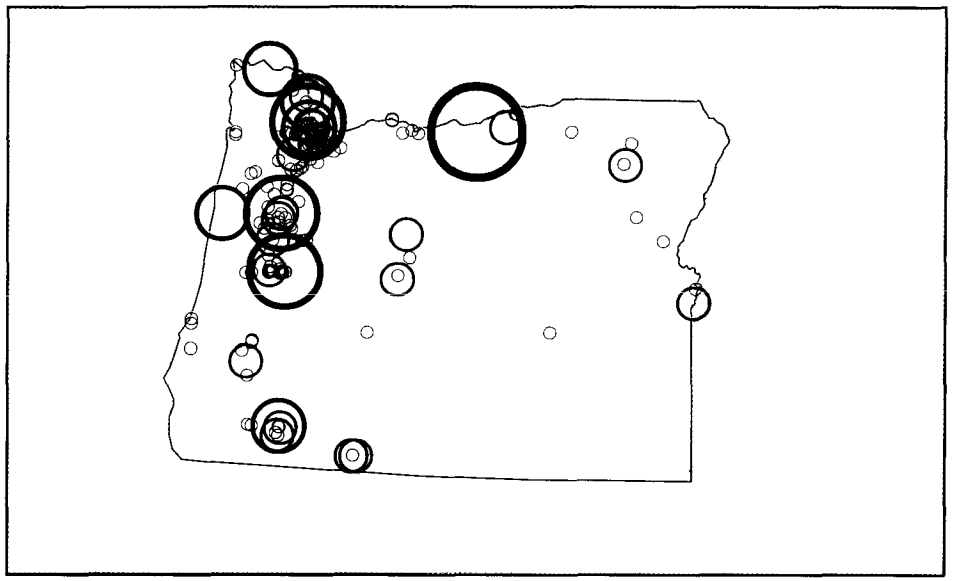
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Bob Albers
4760 Portland Road, Northeast
Salem, OR 97305-1760
(503) 378-3473, ext. 262
Fax: (503) 373-1825
Bob.Albers@state.or.us

EPA Regional Contact
Christina Colt
USEPA Region 10 (WCM-128)
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-4016
colt.christina@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Oregon All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	3,473,441
Square Miles	96,003
Total Facilities	307
Total Forms	1,015
Form As	118

	Total
National Rank for Total On- and Off-site Releases*	
Rank	33
Pounds	37,576,517
National Rank for Total On-site Releases**	
Rank	29
Pounds	36,428,289
National Rank for Total Releases within State***	
Rank	31
Pounds	37,980,401
National Rank for Production-related Waste Managed	
Rank	33
Pounds	151,363,993

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

OREGON

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
1332-21-4	**Asbestos (friable)**	**0**	**0**	**0**	**13,527,863**	**113**	**13,527,976**	**0**	**113**	**0**
—	Zinc compounds	20,045	17,770	0	70,153	7,195,718	7,303,686	10,995	101,236	7,103,881
67-56-1	**Methanol**	**5,735,183**	**243,085**	**0**	**4,302**	**6,748**	**5,989,318**	**0**	**6,743**	**5**
—	Manganese compounds	14,161	108,529	0	1,883,894	1,188,700	3,195,284	43,648	276,221	912,479
—	**Nitrate compounds**	**10**	**2,456,025**	**0**	**57,699**	**1,292**	**2,515,026**	**11,384**	**1,292**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**6,445.12**	**3,091.24**	**0.00**	**131,306.13**	**728,344.53**	**869,187.01**	**7,313.16**	**38,238.60**	**690,126.43**
7439-92-1	Lead	1,275.50	15.50	0.00	750,930.58	1,363.39	753,584.96	9,713.61	594.32	774.52
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**672,884.68**	**0.00**	**672,884.68**	**0.00**	**0.00**	**0.00**
—	Polycyclic aromatic compounds	3,124.08	62.10	0.00	31,234.80	139.35	34,560.33	370,630.40	139.60	0.00
7439-97-6	**Mercury**	**226.32**	**2.76**	**0.00**	**3,963.10**	**3.20**	**4,195.38**	**0.00**	**3.20**	**0.00**
—	Mercury compounds	260.67	0.74	0.00	72.11	154.35	487.87	293.10	20.31	134.04
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**274.60**	**0.00**	**274.60**	**0.00**	**0.00**	**0.00**
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	166.97	23.65	190.62	0.00	23.65	0.00
76-44-8	**Heptachlor**	**0.00**	**0.00**	**0.00**	**182.69**	**0.00**	**182.69**	**0.00**	**0.00**	**0.00**
72-43-5	Methoxychlor	0.00	0.00	0.00	173.69	0.00	173.69	0.00	0.00	0.00
8001-35-2	**Toxaphene**	**0.00**	**0.00**	**0.00**	**170.80**	**0.00**	**170.80**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	4.16	4.10	0.00	63.00	15.80	87.06	14,194.04	13.80	2.00
—	**Dioxin and dioxin-like compounds**	**0.03**	**0.01**	**0.00**	**0.00**	**0.03**	**0.07**	**0.16**	**0.03**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*11.536*	*2.984*	*0.000*	*1.101*	*14.477*	*30.098*	*70.800*	*14.477*	*0.000*
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

OREGON

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	**2,316**	**0**	**0**	**0**	**3,998,387**	**13,682,585**	**17,683,287**	**0**	**331**
Oregon Steel Mills Inc., Portland, Multnomah	17,114	1,509	0	0	0	1,884,060	1,902,684	0	2,635,276
Weyerhaeuser Co., Springfield, Lane	**1,472,846**	**84,855**	**0**	**0**	**0**	**0**	**1,557,701**	**0**	**0**
TDY Ind. Inc. (Dba Wah Chang), Albany, Linn	436,515	959,212	0	0	0	0	1,395,727	21,224	6,195
Boise Cascade Corp., Saint Helens, Columbia	**1,058,256**	**0**	**0**	**0**	**0**	**0**	**1,058,256**	**63,928**	**0**
Eastman Kodak Co., White City, Jackson	938,205	10	0	0	0	610	938,825	765	10
Wacker Siltronic Corp., Portland, Multnomah	**5,505**	**918,800**	**0**	**0**	**0**	**0**	**924,305**	**0**	**0**
Georgia-Pacific West Inc., Toledo, Lincoln	723,039	27,916	0	0	0	112,068	863,023	0	0
Fort James Operating Co. Wauna Mill, Clatskanie, Clatsop	**674,186**	**33,808**	**0**	**0**	**0**	**56,426**	**764,420**	**0**	**0**
Pope & Talbot Inc. Halsey Pulp Mill, Halsey, Linn	539,195	36,456	0	0	0	0	575,651	3,901	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	0.03	0.00	0.00	0.00	1,459,146.57	60,398.51	1,519,545.11	0.00	2.84
Oregon Steel Mills Inc., Portland, Multnomah	1,409.04	9.03	0.00	0.00	0.00	54,290.48	55,708.55	0.00	173,916.49
Georgia-Pacific West Inc., Toledo, Lincoln	139.00	1,900.00	0.00	0.00	0.00	10,406.00	12,445.00	0.00	0.00
Cascade Steel Rolling Mills Inc., Mc Minnville, Yamhill	4,153.01	2.00	0.00	0.00	0.00	0.00	4,155.01	0.00	511,278.00
Boardman Plant, Boardman, Morrow	1,263.41	0.00	0.00	0.00	0.00	2,678.60	3,942.01	0.00	0.00
SP Newsprint Co. Newberg Mill, Newberg, Yamhill	1,527.30	541.90	0.00	0.00	0.00	0.00	2,069.20	36,117.00	0.00
Boise Cascade Elgin Complex, Elgin, Union	52.20	0.00	0.00	0.00	0.00	1,815.00	1,867.20	0.00	0.00
Boise Cascade Medford Ops., Medford, Jackson	4.40	8.00	0.00	0.00	0.00	749.00	761.40	0.00	0.00
Fort James Operating Co. Wauna Mill, Clatskanie, Clatsop	116.50	177.90	0.00	0.00	0.00	426.10	720.50	0.00	0.00
Collins Prods. L.L.C., Klamath Falls, Klamath	663.00	0.00	0.00	0.00	0.00	0.00	663.00	0.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	**0**	**0**	**0**	**1,168**	**19,975**	**970**	**17,722,298**	**17,744,411**	**100**
Cascade Steel Rolling Mills Inc., Mc Minnville, Yamhill	0	81,104	0	0	0	0	6,203,899	6,285,003	0
Oregon Steel Mills Inc., Portland, Multnomah	**0**	**0**	**0**	**0**	**0**	**0**	**4,536,125**	**4,536,125**	**0**
Weyerhaeuser Co., Springfield, Lane	0	64	3,005,727	1	1,726,873	0	1,533,295	6,265,960	0
TDY Ind. Inc. (Dba Wah Chang), Albany, Linn	**13,575,000**	**0**	**0**	**0**	**1,235,000**	**114,008**	**1,416,774**	**16,340,782**	**1,199**
Boise Cascade Corp., Saint Helens, Columbia	0	0	1,101,480	0	407,438	6,507,861	1,064,810	9,081,589	0
Eastman Kodak Co., White City, Jackson	**3,025,000**	**125,260**	**3,507,000**	**623,000**	**6,514,800**	**192,750**	**937,724**	**14,925,534**	**774**
Wacker Siltronic Corp., Portland, Multnomah	0	18,200	0	0	1,508,500	49,700	923,780	2,500,180	0
Georgia-Pacific West Inc., Toledo, Lincoln	**0**	**0**	**0**	**0**	**1,333,600**	**0**	**865,471**	**2,199,071**	**0**
Fort James Operating Co. Wauna Mill, Clatskanie, Clatsop	0	0	31,930	0	8,298,791	0	770,171	9,100,892	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	**0.00**	**0.00**	**0.00**	**2.00**	**3.00**	**140.00**	**1,519,548.00**	**1,519,693.00**	**0.00**
Cascade Steel Rolling Mills Inc., Mc Minnville, Yamhill	0.00	6,691.00	0.00	0.00	0.00	0.00	515,433.00	522,124.00	0.00
Oregon Steel Mills Inc., Portland, Multnomah	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**229,625.00**	**229,625.00**	**0.00**
SP Newsprint Co. Newberg Mill, Newberg, Yamhill	0.00	0.00	0.00	0.00	0.00	0.00	38,176.00	38,176.00	0.00
Kerr - McGee Chemical L.L.C., The Dalles, Wasco	**0.00**	**0.00**	**0.00**	**13,900.00**	**0.00**	**0.00**	**13,900.00**	**27,800.00**	**0.00**
Georgia-Pacific West Inc., Toledo, Lincoln	0.00	0.00	0.00	0.00	0.00	0.00	12,445.00	12,445.00	0.00
Boardman Plant, Boardman, Morrow	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,942.00**	**3,942.00**	**0.00**
Owens-Brockway Glass Container Inc. Plant #21, Portland, Multnomah	0.00	0.00	0.00	0.00	0.00	0.00	3,092.00	3,093.00	0.00
Boise Cascade Elgin Complex, Elgin, Union	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,867.00**	**1,867.00**	**0.00**
Country Coach Inc., Junction City, Lane	0.00	1,227.00	0.00	0.00	0.00	0.00	1,227.00	2,454.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

PENNSYLVANIA

Reported Releases and Other Waste Management Activities (in pounds)

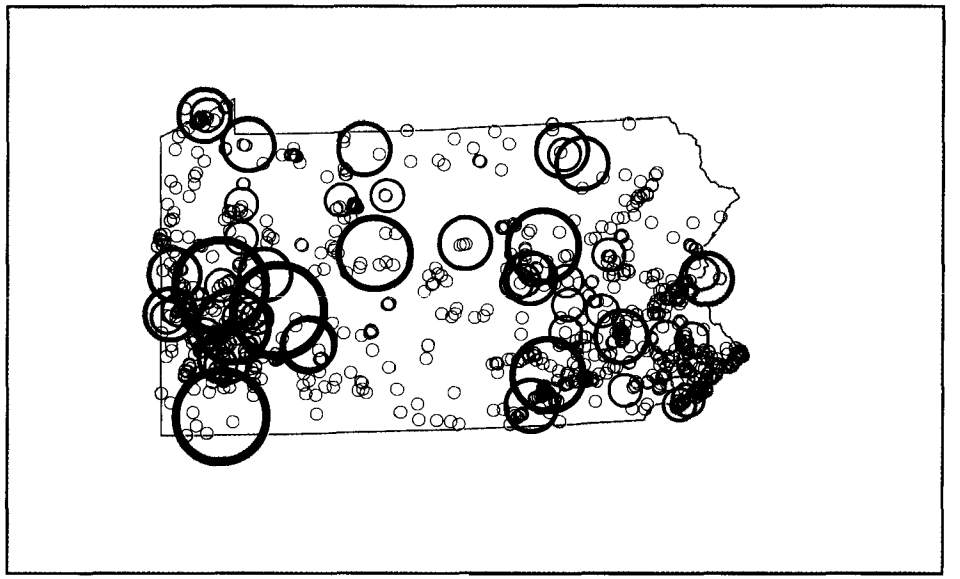
	Total
On-site Releases	119,303,278
Air Emissions	89,034,059
Surface Water Discharges	18,741,435
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	339,536
Other On-site Land Releases	11,188,248
Off-site Releases (Transfers Off-site to Disposal)*	88,180,766
Total On- and Off-site Releases	**207,484,044**
Recycled On-site	477,399,211
Recycled Off-site	158,199,932
Energy Recovery On-site	131,904,573
Energy Recovery Off-site	17,269,580
Treated On-site	197,111,878
Treated Off-site**	22,515,192
Quantity Released On- and Off-site***	185,454,422
Total Production-related Waste Managed	**1,189,854,789**
Non-production-related Waste Managed	**1,116,636**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	154,702,943
Energy Recovery	17,241,863
Treatment	14,364,889
Publicly Owned Treatment Works (POTWs)	7,451,970
Metals and Metal Category Compounds*	70,521
Non-metal TRI Chemicals**	7,381,449
Other Off-site Transfers****	2,186
Transfers Off-site to Disposal *(not including metals to POTWs)*	89,713,380
Total Transfers Off-site for Further Waste Management, including Disposal	**283,477,232**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions

**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Pennsylvania. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	12,303,104
Square Miles	44,820
Total Facilities	1,436
Total Forms	5,308
Form As	669

	Total
National Rank for Total On- and Off-site Releases*	
Rank	7
Pounds	207,484,044
National Rank for Total On-site Releases**	
Rank	12
Pounds	119,303,278
National Rank for Total Releases within State***	
Rank	7
Pounds	196,713,752
National Rank for Production-related Waste Managed	
Rank	5
Pounds	1,189,854,789

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Thomas J. Ward, Jr.
P.O. Box 68571
Harrisburg, PA 17106-8571
(717) 783-2071
Fax: (717) 783-5099
pennsafe@dli.state.pa.us

EPA Regional Contact
William Reilly
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814- 2072
reilly.william@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

PENNSYLVANIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**47,964,092**	**250**	**0**	**5**	**2,862**	**47,967,209**	**0**	**0**	**2,862**
—	Zinc compounds	1,294,230	47,185	0	1,331,395	33,136,033	35,808,843	8,358,435	31,754,171	1,381,862
7439-96-5	**Manganese**	**22,517**	**6,321**	**0**	**13,523**	**24,513,872**	**24,556,233**	**1,046**	**828,884**	**23,684,988**
—	Nitrate compounds	654	18,125,538	0	9,130	175,513	18,310,835	35,152	126,657	48,856
7664-93-9	**Sulfuric acid**	**10,381,162**	**0**	**0**	**5**	**0**	**10,381,167**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**66,758.02**	**5,172.82**	**0.00**	**1,136,105.35**	**3,279,754.46**	**4,487,790.65**	**3,939,351.75**	**2,578,635.27**	**1,547,232.92**
7439-92-1	Lead	20,616.38	1,145.34	0.00	8,309.99	269,483.19	299,554.91	50,921.67	132,785.48	137,302.87
—	**Polycyclic aromatic compounds**	**40,913.57**	**143.29**	**0.00**	**5,145.33**	**31,972.56**	**78,174.74**	**1,938.65**	**8,120.01**	**23,852.55**
—	Mercury compounds	8,621.98	67.20	0 00	5,554.69	16,865.40	31,109.27	510.81	4,317.45	12,637.73
191-24-2	**Benzo(g,h,i)perylene**	**2,240.70**	**0.20**	**0.00**	**2.60**	**1,080.43**	**3,323.92**	**174.64**	**423.75**	**656.68**
7439-97-6	Mercury	466.96	0.10	0.00	0.30	708.14	1,175.50	452.83	274.43	433.71
118-74-1	**Hexachlorobenzene**	**245.00**	**0.00**	**0.00**	**0.00**	**156.00**	**401.00**	**492.00**	**76.00**	**80.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	17.32	0.00	0.00	0.00	171.63	188.95	0.00	76.00	95.63
79-94-7	**Tetrabromobisphenol A**	**24.00**	**0.00**	**0.00**	**0.00**	**0.00**	**24.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.45	0.00	0.00	0.01	0.37	0.84	0.07	0.14	0.23
—	***Dioxin and dioxin-like compounds (in grams)***	***205.462***	***0.951***	***0.000***	***5.056***	***168.754***	***380.223***	***33.821***	***65.181***	***103.573***
8001-35-2	Toxaphene	0.10	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**39.00**	**0.00**	**0.00**
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72-43-5	**Methoxychlor**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

PENNSYLVANIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	**17,332,975**	**19,673**	**0**	**0**	**0**	**849,465**	**18,202,113**	**0**	**0**
AK Steel Corp. Butler Works (Rte. 8 S.), Butler, Butler	126,035	8,442,554	0	0	0	2,373,297	10,941,887	26,879	66,065
Allegheny Energy Inc. Hatfield Power Station, Masontown, Greene	**8,702,550**	**367**	**0**	**0**	**0**	**810,100**	**9,513,017**	**0**	**0**
Montour Steam Electric Station, Danville, Montour	5,269,259	0	0	0	0	104,066	5,373,325	0	0
Cheswick Power Plant, Cheswick, Allegheny	**3,751,719**	**779**	**0**	**0**	**0**	**5**	**3,752,503**	**439,873**	**0**
Brunner Island Steam Electric Station, York Haven, York	3,444,363	0	0	0	18,840	0	3,463,203	0	18,840
Reliant Energies Inc. Shawville Station, Shawville, Clearfield	**2,872,079**	**2,912**	**0**	**0**	**9,485**	**339,769**	**3,224,245**	**0**	**0**
Reliant Energies Inc. Conemaugh Power Plant, New Florence, Indiana	1,414,703	17,344	0	0	0	1,199,860	2,631,906	0	0
Allegheny Energy Inc. Armstrong Power Station, Kittanning, Armstrong	**2,444,979**	**427**	**0**	**0**	**0**	**180,068**	**2,625,474**	**0**	**0**
Taylor Packing Co. Inc., Wyalusing, Bradford	0	2,421,856	0	0	0	144	2,422,000	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Max Environmental Yukon Facility, Yukon, Westmoreland	**760.00**	**3.30**	**0.00**	**0.00**	**215,600.00**	**635,300.00**	**851,663.30**	**14,900.00**	**0.00**
PBS Coals Shade Creek Preparation Plant, Central City, Somerset	9.65	0.05	0.00	0.00	0.00	51,130.00	51,139.70	0.00	0.00
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	**2,550.20**	**18.20**	**0.00**	**0.00**	**0.00**	**32,250.00**	**34,818.40**	**0.00**	**0.00**
Reliant Energies Inc. Conemaugh Power Plant, New Florence, Indiana	1,012.50	43.50	0.00	0.00	0.00	32,554.60	33,610.60	0.00	0.00
WPS Westwood Generation L.L.C., Tremont, Schuylkill	**168.60**	**0.00**	**0.00**	**0.00**	**0.00**	**21,090.10**	**21,258.70**	**0.00**	**0.00**
Allegheny Energy Inc. Hatfield Power Station, Masontown, Greene	2,212.00	0.00	0.00	0.00	0.00	18,100.00	20,312.00	0.00	0.00
Brunner Island Steam Electric Station, York Haven, York	**1,188.01**	**0.00**	**0.00**	**0.00**	**18,840.00**	**0.00**	**20,028.01**	**0.00**	**18,840.00**
Northeastern Power Co., Mc Adoo, Schuylkill	25.00	0.00	0.00	0.00	0.00	18,665.00	18,690.00	0.00	0.00
New Castle Power Plant, West Pittsburg, Lawrence	**382.10**	**2.69**	**0.00**	**0.00**	**0.00**	**14,878.00**	**15,262.79**	**0.00**	**0.00**
U.S. Army Letterkenny Army Depot, Chambersburg, Franklin	0.00	0.00	0.00	0.00	0.00	12,064.00	12,064.00	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Zinc Corp. of America Monaca Smelter, Monaca, Beaver	**0**	**0**	**0**	**0**	**0**	**0**	**27,538,394**	**27,538,394**	**0**
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	0	0	0	0	3,405,000	0	18,193,118	21,598,118	0
AK Steel Corp. Butler Works (Rte. 8 S.), Butler, Butler	**0**	**5,852,022**	**0**	**0**	**20,636,000**	**1,470**	**11,020,219**	**37,509,711**	**0**
Allegheny Energy Inc. Hatfield Power Station, Masontown, Greene	0	0	0	0	0	0	9,500,780	9,500,780	0
USS Mon Valley Works Edgar Thomson Plant, Braddock, Allegheny	**628,771**	**42,692**	**0**	**0**	**0**	**0**	**5,540,904**	**6,212,367**	**0**
Bruce Mansfield, Shippingport, Beaver	0	0	0	0	12,831,100	0	5,536,625	18,367,725	0
Montour Steam Electric Station, Danville, Montour	**0**	**600**	**0**	**0**	**0**	**0**	**5,372,976**	**5,373,576**	**0**
Cheswick Power Plant, Cheswick, Allegheny	0	0	0	0	300,058	0	4,191,677	4,491,735	0
Brunner Island Steam Electric Station, York Haven, York	**0**	**794**	**0**	**0**	**0**	**18,840**	**3,463,173**	**3,482,807**	**0**
Reliant Energies Inc. Shawville Station, Shawville, Clearfield	0	95	0	0	855,000	0	3,222,115	4,077,210	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Exide Corp. Reading Smelter Div., Reading, Berks	**12,859,774.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,181,143.00**	**14,040,917.00**	**0.00**
Zinc Corp. of America, Palmerton, Carbon	25.00	0.00	0.00	0.00	0.00	0.00	890,000.00	890,025.00	0.00
Max Environmental Yukon Facility, Yukon, Westmoreland	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**865,800.00**	**865,800.00**	**0.00**
Zinc Corp. of America Monaca Smelter, Monaca, Beaver	0.00	0.00	0.00	0.00	0.00	0.00	399,067.00	399,067.00	0.00
Corning Asahi Video Prods. Co., State College, Centre	**18,393,890.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**338,212.00**	**18,732,102.00**	**0.00**
Envirite of Pennsylvania Inc., York, York	0.00	140.00	0.00	0.00	0.00	0.00	140,020.00	140,160.00	0.00
East Penn Mfg. Co. Inc., Lyon Station, Berks	**149,172.00**	**12.00**	**0.00**	**0.00**	**0.00**	**0.00**	**131,109.00**	**280,293.00**	**0.00**
Schott Glass Techs. Inc., Duryea, Luzerne	19,000.00	0.00	0.00	0.00	0.00	0.00	130,000.00	149,000.00	0.00
Ferro Glass & Color Corp., Washington, Washington	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**120,000.00**	**120,000.00**	**0.00**
GE Co. Bridgeville Glass Plant, Bridgeville, Allegheny	70,294.00	0.00	0.00	0.00	0.00	0.00	98,132.00	168,426.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

PUERTO RICO

Reported Releases and Other Waste Management Activities (in pounds)

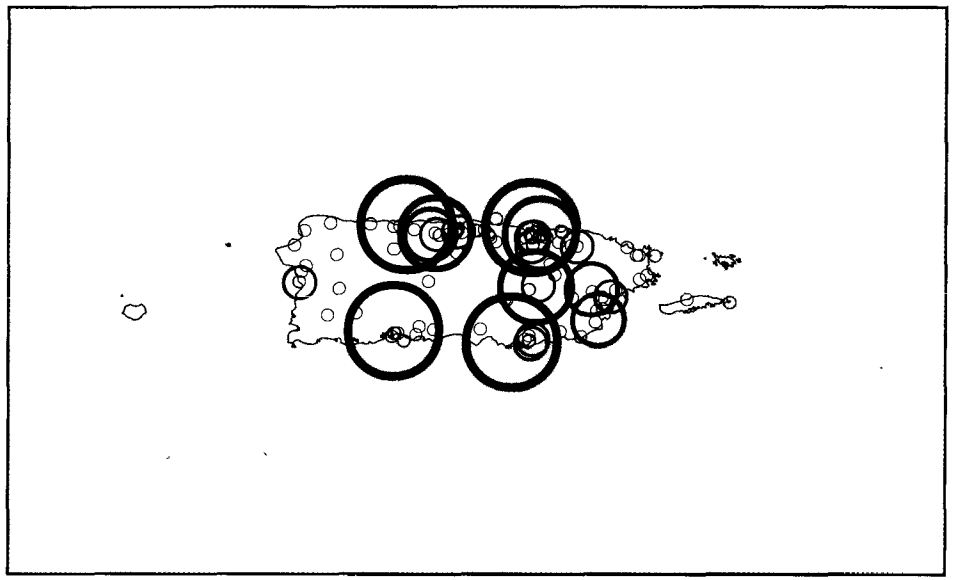
	Total
On-site Releases	14,605,814
Air Emissions	14,556,276
Surface Water Discharges	35,624
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	250
Other On-site Land Releases	13,664
Off-site Releases (Transfers Off-site to Disposal)*	1,000,785
Total On- and Off-site Releases	**15,606,599**
Recycled On-site	19,669,024
Recycled Off-site	13,442,118
Energy Recovery On-site	65,813
Energy Recovery Off-site	37,125,971
Treated On-site	30,653,787
Treated Off-site**	13,442,163
Quantity Released On- and Off-site***	15,581,867
Total Production-related Waste Managed	**129,980,743**
Non-production-related Waste Managed	**26,548**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	12,963,854
Energy Recovery	37,469,365
Treatment	12,089,978
Publicly Owned Treatment Works (POTWs)	961,079
Metals and Metal Category Compounds*	646
Non-metal TRI Chemicals**	960,433
Other Off-site Transfers****	1,392
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,010,506
Total Transfers Off-site for Further Waste Management, including Disposal	**64,496,174**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code



The largest circle in the map represents the largest facility for on-site releases in Puerto Rico All circles are proportionally-sized to represent the on-site releases at each facility within this territory.

State/TRI Data	
Population	3,838,361
Square Miles	3,427
Total Facilities	161
Total Forms	554
Form As	68

	Total
National Rank for Total On- and Off-site Releases*	
Rank	42
Pounds	15,606,599
National Rank for Total On-site Releases**	
Rank	42
Pounds	14,605,814
National Rank for Total Releases within State***	
Rank	42
Pounds	15,240,069
National Rank for Production-related Waste Managed	
Rank	36
Pounds	129,980,743

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Genaro Torres
P.O. Box 11488
Santurce, PR 00910
(787) 766-2823
Fax: (787) 766-0150
jcaemer@prtc.net

EPA Regional Contact
Nora Lopez
USEPA Region 2 (MS- 105)
2890 Woodbridge Avenue Bldg 10
Edison, NJ 08837-3679
(732) 906- 6890
lopez.nora@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

PUERTO RICO

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7664-93-9	**Sulfuric acid**	**8,251,346**	**0**	**0**	**0**	**0**	**8,251,346**	**0**	**0**	**0**
7664-41-7	Ammonia	1,938,727	306	0	0	600	1,939,633	0	0	600
75-09-2	**Dichloromethane**	**1,610,666**	**0**	**0**	**0**	**42,282**	**1,652,948**	**0**	**0**	**42,282**
67-56-1	Methanol	1,373,810	0	0	0	182,068	1,555,878	0	4	182,064
—	**Zinc compounds**	**1,166**	**555**	**0**	**0**	**318,750**	**320,471**	**0**	**318,750**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**4,093.10**	**424.30**	**0.00**	**0.50**	**12,317.24**	**16,835.14**	**250.00**	**291.49**	**12,063.45**
7439-92-1	Lead	5,811.50	0.00	0.00	8,669.00	1,069.61	15,550.11	0.00	119.11	950.50
—	**Polycyclic aromatic compounds**	**802.18**	**3.10**	**0.00**	**0.00**	**0.00**	**805.28**	**0.00**	**0.00**	**0.00**
—	Mercury compounds	417.78	22.80	0.00	0.00	1.80	442.38	0.00	1.80	0.00
191-24-2	**Benzo(g,h,i)perylene**	**8.14**	**2.10**	**0.00**	**0.00**	**0.00**	**10.24**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	0 26	0.00	0.00	0 00	0.00	0.26	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**0.03**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*13.227*	*0 003*	*0.000*	*0.000*	*0.424*	*13.653*	*0.000*	*0.424*	*0.000*
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

PUERTO RICO

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Prepa South Coast Power Plant, Guayanilla, Guayanilla	**2,421,397**	**227**	**0**	**0**	**0**	**0**	**2,421,624**	**59,559**	**0**
Prepa Palo Seco Power Plant, Toa Baja, Toa Baja	2,368,394	9,928	0	0	0	0	2,378,322	16,580	0
Prepa Aguirre Power Generation Complex, Aguirre, Salinas	**2,205,246**	**750**	**0**	**0**	**0**	**0**	**2,205,996**	**16,395**	**0**
Prepa Cambalache Combustion Turbine Plant, Arecibo, Arecibo	1,919,241	0	0	0	0	0	1,919,241	22	600
Prepa San Juan Steam Power Plant, Puerto Nuevo, San Juan	**1,379,346**	**1,026**	**0**	**0**	**0**	**0**	**1,380,372**	**13,868**	**0**
Chemsource Corp., Guayama, Guayama	1,169,123	0	0	0	0	0	1,169,123	0	307,179
Abbott Health Prods. Inc., Barceloneta, Barceloneta	**1,133,587**	**0**	**0**	**0**	**0**	**0**	**1,133,587**	**0**	**0**
Schering-Plough Prods. L.L.C., Las Piedras, Las Piedras	313,586	0	0	0	0	0	313,586	0	0
Pharmacia & Upjohn Caribe Inc., Arecibo, Arecibo	**221,567**	**0**	**0**	**0**	**0**	**0**	**221,567**	**0**	**0**
Shell Chemical Yabucoa Inc., Yabucoa, Yabucoa	150,339	19,432	0	0	0	0	169,771	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Navy Naval Station Roosevelt Roads Small Arms Range, Ceiba, Ceiba	0.00	0.00	0.00	0.00	0.00	8,133.00	8,133.00	0.00	0.00
Smart Modular Techs. of PR, Aguada, Aguada	5,856.00	0.00	0.00	0.00	0.00	0.00	5,856.00	0.00	925.00
Prepa Aguirre Power Generation Complex, Aguirre, Salinas	930.11	422.80	0.00	0.00	0.00	0.00	1,352.91	169.50	0.00
Puerto Rican Cement Co. Inc., Ponce, Ponce	1,082.00	0.00	0.00	0.00	0.00	0.00	1,082.00	0.00	0.00
Coatings Inc. & Co., Bayamon, Bayamon	735.00	0.00	0.00	0.00	0.00	0.00	735.00	0.00	0.00
Prepa South Coast Power Plant, Guayanilla, Guayanilla	598.21	20.10	0.00	0.00	0.00	0.00	618.31	34.10	0.00
U.S. Navy AFWTF Live Impact Area, Vieques, Vieques	0.00	0.00	0.00	0.00	0.00	536.00	536.00	0.00	0.00
Solectron of Puerto Rico Aguadilla Plant, Aguadilla, Aguadilla	500.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00	0.00
Prepa Palo Seco Power Plant, Toa Baja, Toa Baja	431.31	2.10	0.00	0.00	0.00	0.00	433.41	27.00	0.00
Safety-Kleen Envirosystems Co. of Puerto Rico Inc., Manati, Manati	250.60	0.00	0.00	0.00	0.00	0.00	250.60	0.00	2,638.20

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Prepa South Coast Power Plant, Guayanilla, Guayanilla	**0**	**0**	**0**	**0**	**0**	**0**	**2,480,461**	**2,480,461**	**0**
Prepa Palo Seco Power Plant, Toa Baja, Toa Baja	0	0	0	0	0	0	2,394,424	2,394,424	0
Prepa Aguirre Power Generation Complex, Aguirre, Salinas	**0**	**0**	**0**	**0**	**0**	**0**	**2,221,890**	**2,221,890**	**0**
Prepa Cambalache Combustion Turbine Plant, Arecibo, Arecibo	0	0	0	0	0	0	1,919,382	1,919,382	0
Chemsource Corp., Guayama, Guayama	**1,767,619**	**104,357**	**0**	**0**	**3,757,915**	**1,322,758**	**1,474,438**	**8,427,087**	**0**
Prepa San Juan Steam Power Plant, Puerto Nuevo, San Juan	0	0	0	0	0	0	1,394,237	1,394,237	0
Abbott Health Prods. Inc., Barceloneta, Barceloneta	**10,721,061**	**0**	**0**	**2,988,872**	**4,887,084**	**14,290**	**1,135,467**	**19,746,774**	**5,849**
Schering-Plough Prods. L.L.C., Las Piedras, Las Piedras	0	383,936	0	163,792	0	0	366,845	914,573	0
Cutler-Hammer de P.R. Co. Arecibo Plant, Arecibo, Arecibo	**0**	**1,089,264**	**0**	**0**	**0**	**4,450**	**309,403**	**1,403,117**	**0**
Pharmacia & Upjohn Caribe Inc., Arecibo, Arecibo	0	3,260,585	0	3,200,338	0	2,219,888	221,567	8,902,379	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Solectron of Puerto Rico Aguadilla Plant, Aguadilla, Aguadilla	**0.00**	**24,953.00**	**0.00**	**0.00**	**0.00**	**0.00**	**25,403.00**	**50,356.00**	**0.00**
U.S. Navy Naval Station Roosevelt Roads Small Arms Range, Ceiba, Ceiba	0.00	0.00	0.00	0.00	0.00	0.00	8,133.00	8,133.00	0.00
Smart Modular Techs. of PR, Aguada, Aguada	**0.00**	**24,736.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,781.00**	**31,517.00**	**0.00**
Du Pont Electronics Microcircuits Inds. Ltd., Manati, Manati	0.00	0.00	0.00	0.00	0.00	0.00	6,274.00	6,274.00	0.00
Safety-Kleen Envirosystems Co. of Puerto Rico Inc., Manati, Manati	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,889.00**	**2,889.00**	**0.00**
Storage Tech. de PR, Ponce, Ponce	0.00	2,000.00	0.00	0.00	0.00	0.00	2,629.00	4,629.00	0.00
Prepa Aguirre Power Generation Complex, Aguirre, Salinas	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,522.00**	**1,522.00**	**0.00**
Puerto Rican Cement Co. Inc., Ponce, Ponce	0.00	0.00	0.00	0.00	0.00	0.00	1,082.00	1,082.00	0.00
Coatings Inc. & Co., Bayamon, Bayamon	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**735.00**	**735.00**	**0.00**
Owens-Illinois De Puerto Rico, Vega Alta, Vega Alta	0.00	0.00	0.00	0.00	0.00	0.00	685.00	685.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases

2001 Toxics Release Inventory

RHODE ISLAND

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	835,111
Air Emissions	824,582
Surface Water Discharges	10,171
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	250
Other On-site Land Releases	108
Off-site Releases (Transfers Off-site to Disposal)*	262,989
Total On- and Off-site Releases	**1,098,100**
Recycled On-site	12,481,984
Recycled Off-site	10,014,959
Energy Recovery On-site	422,570
Energy Recovery Off-site	476,133
Treated On-site	5,071,277
Treated Off-site**	1,305,442
Quantity Released On- and Off-site***	1,192,889
Total Production-related Waste Managed	**30,965,255**
Non-production-related Waste Managed	**12,835**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	9,997,176
Energy Recovery	447,193
Treatment	999,152
Publicly Owned Treatment Works (POTWs)	428,196
Metals and Metal Category Compounds*	4,124
Non-metal TRI Chemicals**	424,072
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	259,719
Total Transfers Off-site for Further Waste Management, including Disposal	**12,131,435**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g. releases due to catastrophic events or remedial actions

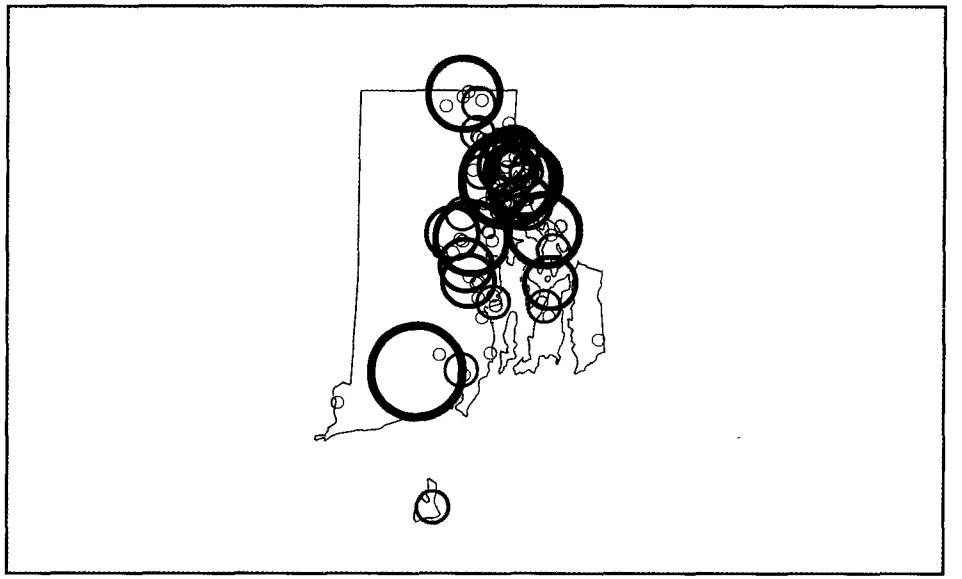
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Karen Slattery
235 Promenade Street, Suite 230
Providence, RI 02908
(401) 222-2808, ext. 7030
Fax: (401) 222-2017
kslatter@dem.state.ri.us

EPA Regional Contact
Dwight Peavey
USEPA Region 1 (SPT)
1 Congress Street, Suite 11000
Boston, MA 02114-2023
(617) 918-1829
peavey.dwight@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Rhode Island All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	1,059,659
Square Miles	1,045
Total Facilities	160
Total Forms	435
Form As	61

	Total
National Rank for Total On- and Off-site Releases*	
Rank	50
Pounds	1,098,100
National Rank for Total On-site Releases**	
Rank	51
Pounds	835,111
National Rank for Total Releases within State***	
Rank	51
Pounds	980,748
National Rank for Production-related Waste Managed	
Rank	47
Pounds	30,965,255

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

RHODE ISLAND

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
108-88-3	**Toluene**	**211,493**	**4**	**0**	**0**	**25,063**	**236,560**	**8,648**	**0**	**25,063**
78-93-3	Methyl ethyl ketone	189,477	0	0	0	4,802	194,279	456	0	4,802
7664-41-7	**Ammonia**	**84,982**	**3,573**	**0**	**0**	**0**	**88,555**	**6**	**0**	**0**
—	Zinc compounds	187	0	0	0	80,777	80,964	2,200	10,555	70,222
100-42-5	**Styrene**	**78,807**	**0**	**0**	**0**	**0**	**78,807**	**2,704**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**81.03**	**2.00**	**0.00**	**0.00**	**9,907.22**	**9,990.25**	**3,112.10**	**1,684.62**	**8,222.60**
7439-92-1	Lead	383.43	12.00	0.00	0.00	2,478.41	2,873.84	1,325.57	231.07	2,247.34
—	**Polycyclic aromatic compounds**	**990.74**	**5.09**	**0.00**	**0.00**	**71.90**	**1,067.73**	**2.80**	**2.90**	**69.00**
7439-97-6	Mercury	0.10	0.00	0.00	0.00	3.35	3.45	0.00	2.85	0.50
191-24-2	**Benzo(g,h,i)perylene**	**0.02**	**0.00**	**0.00**	**0.00**	**0.93**	**0.95**	**0.00**	**0.23**	**0.70**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.83	0.83	0.00	0.82	0.01
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*0.012*	*0.000*	*0.000*	*0.000*	*0 001*	*0 013*	*0.080*	*0.001*	*0.000*
—	**Mercury compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

RHODE ISLAND

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Fibermark DSI, Johnston, Providence	**104,635**	**0**	**0**	**0**	**0**	**0**	**104,635**	**0**	**0**
Kenyon Ind. Inc., Shannock, Washington	89,500	0	0	0	0	0	89,500	0	0
Facile Holdings Inc., Rumford, Providence	**56,033**	**0**	**0**	**0**	**0**	**0**	**56,033**	**0**	**0**
Tech. Inds. Inc., Woonsocket, Providence	52,876	0	0	0	0	0	52,876	0	0
Soluol Chemical Co. Inc., West Warwick, Kent	**46,977**	**0**	**0**	**0**	**0**	**0**	**46,977**	**0**	**0**
TPI Composites Inc., Warren, Bristol	41,213	0	0	0	0	0	41,213	0	0
Pawtucket Power Associates, Pawtucket, Providence	**35,733**	**0**	**0**	**0**	**0**	**0**	**35,733**	**0**	**0**
Osram Sylvania Prods. Inc., Central Falls, Providence	34,164	0	0	0	0	0	34,164	14	197
Cooley Inc., Pawtucket, Providence	**32,890**	**0**	**0**	**0**	**0**	**0**	**32,890**	**7,754**	**33,132**
Stanley Fastening Sys., East Greenwich, Kent	30,384	0	0	0	0	0	30,384	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Tech. Inds. Inc., Woonsocket, Providence	621.00	0.00	0.00	0.00	0.00	0.00	621.00	0.00	0.00
Raytheon Co., Portsmouth, Newport	360.20	0.00	0.00	0.00	0.00	0.00	360.20	0.00	0.00
New England Union Co. Inc., West Warwick, Kent	339.00	0.00	0.00	0.00	0.00	0.00	339.00	0.00	0.00
Teknor Apex Co., Pawtucket, Providence	47.10	0.00	0.00	0.00	0.00	0.00	47.10	19.00	0.00
C & J Jewelry Co. Inc., Providence, Providence	12.00	12.00	0.00	0.00	0.00	0.00	24.00	0.00	12.00
Geib Refining Corp., Warwick, Kent	17.60	0.00	0.00	0.00	0.00	0.00	17.60	0.00	0.00
Sprague Providence RI, Providence, Providence	6.70	5.09	0.00	0.00	0.00	0.00	11.79	0.00	0.00
Antaya Techs. Corp., Cranston, Providence	10.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	250.00
Technical Materials Inc., Lincoln, Providence	10.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	25.00
Osram Sylvania Prods. Inc., Central Falls, Providence	9.30	0.00	0.00	0.00	0.00	0.00	9.30	13.50	196.70

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Fibermark DSI, Johnston, Providence	**0**	**0**	**0**	**3,350**	**0**	**1,403**	**104,635**	**109,388**	**0**
Kenyon Ind. Inc., Shannock, Washington	277,000	27,200	0	0	930,000	0	93,500	1,327,700	0
Cooley Inc., Pawtucket, Providence	**0**	**0**	**0**	**0**	**0**	**0**	**86,452**	**86,452**	**0**
Stanley Fastening Sys., North Kingstown, Washington	0	0	0	0	25,805	25,393	59,789	110,987	0
Semiconductor Components Inds.of RI Inc., East Greenwich, Kent	**0**	**0**	**0**	**0**	**22,424**	**46,393**	**57,250**	**126,067**	**0**
Facile Holdings Inc., Rumford, Providence	0	0	0	3,351	0	594	56,033	59,978	0
Tech. Inds. Inc., Woonsocket, Providence	**0**	**0**	**0**	**0**	**0**	**0**	**52,876**	**52,876**	**0**
Soluol Chemical Co. Inc., West Warwick, Kent	0	0	0	107,666	0	0	46,977	154,643	0
TPI Composites Inc., Warren, Bristol	**0**	**0**	**0**	**0**	**0**	**0**	**41,213**	**41,213**	**0**
Brookwood Laminating, Peace Dale, Washington	0	30,000	0	0	100,000	0	40,500	170,500	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Okonite Co., Ashton, Providence	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,384.00**	**5,384.00**	**0.00**
Pease & Curren Inc., Warwick, Kent	0.00	0.00	0.00	0.00	0.00	0.00	2,565.00	2,565.00	0.00
General Cable Inds. L.L.C., Lincoln, Providence	**0.00**	**1,027.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,100.00**	**2,126.00**	**0.00**
Tech. Inds. Inc., Woonsocket, Providence	0.00	0.00	0.00	0.00	0.00	0.00	621.00	621.00	0.00
Microfin Corp., Providence, Providence	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**450.00**	**450.00**	**0.00**
Raytheon Co., Portsmouth, Newport	0.00	0.00	0.00	26.00	0.00	0.00	365.00	391.00	0.00
New England Union Co. Inc., West Warwick, Kent	**338,860.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**339.00**	**339,199.00**	**0.00**
Brown & Sharpe Inc., North Kingstown, Washington	0.00	266.00	0.00	0.00	0.00	0.00	266.00	532.00	0.00
Antaya Techs. Corp., Cranston, Providence	**0.00**	**20,533.00**	**0.00**	**0.00**	**0.00**	**0.00**	**260.00**	**20,793.00**	**0.00**
Handy & Harman Electronic Materials, East Providence, Providence	0.00	103.00	0.00	0.00	0.00	0.00	230.00	333.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

SOUTH CAROLINA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	63,072,746
Air Emissions	54,977,393
Surface Water Discharges	2,778,925
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	16,281
Other On-site Land Releases	5,300,147
Off-site Releases (Transfers Off-site to Disposal)*	18,188,165
Total On- and Off-site Releases	**81,260,912**
Recycled On-site	393,865,233
Recycled Off-site	79,100,303
Energy Recovery On-site	109,669,239
Energy Recovery Off-site	31,907,639
Treated On-site	156,322,777
Treated Off-site**	10,506,996
Quantity Released On- and Off-site***	92,460,423
Total Production-related Waste Managed	**873,832,609**
Non-production-related Waste Managed	**561,487**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	77,339,641
Energy Recovery	31,987,806
Treatment	4,809,405
Publicly Owned Treatment Works (POTWs)	5,136,608
Metals and Metal Category Compounds*	56,904
Non-metal TRI Chemicals**	5,079,704
Other Off-site Transfers****	45,740
Transfers Off-site to Disposal *(not including metals to POTWs)*	21,230,981
Total Transfers Off-site for Further Waste Management, including Disposal	**140,550,181**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g. releases due to catastrophic events or remedial actions.

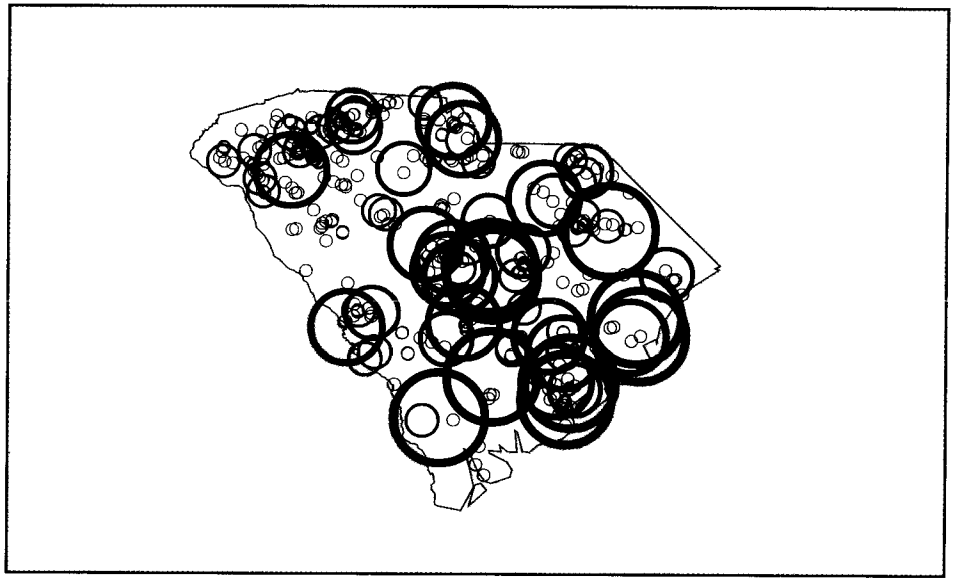
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Michael Juras
2600 Bull Street
Columbia, SC 29201
(803) 898-4385
Fax: (803) 898-4487
jurasms@dhec.state.sc.us

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of South Carolina All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	4,062,125
Square Miles	30,111
Total Facilities	561
Total Forms	2,280
Form As	293

	Total
National Rank for Total On- and Off-site Releases*	
Rank	20
Pounds	81,260,912
National Rank for Total On-site Releases**	
Rank	24
Pounds	63,072,746
National Rank for Total Releases within State***	
Rank	24
Pounds	67,954,074
National Rank for Production-related Waste Managed	
Rank	10
Pounds	873,832,609

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

SOUTH CAROLINA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**17,790,654**	**0**	**0**	**0**	**0**	**17,790,654**	**0**	**0**	**0**
—	Zinc compounds	91,961	42,668	0	798,294	15,489,738	16,422,661	90,968	732,482	14,757,256
67-56-1	**Methanol**	**11,140,992**	**43,962**	**0**	**180,260**	**13,741**	**11,378,955**	**12,834**	**2,129**	**11,612**
—	Manganese compounds	22,250	304,392	0	1,306,799	2,081,179	3,714,620	1,139,726	370,800	1,710,379
108-88-3	**Toluene**	**3,265,046**	**731**	**0**	**5,907**	**13,071**	**3,284,755**	**93**	**272**	**12,799**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**15,395.76**	**782.70**	**0.00**	**280,156.32**	**885,241.45**	**1,181,576.23**	**122,429.12**	**62,638.09**	**822,603.36**
—	Polycyclic aromatic compounds	95,327.05	64.00	0.00	234.90	60,476.27	156,102.22	2,201.63	60,466.27	10.00
7439-92-1	**Lead**	**6,261.44**	**952.12**	**0.00**	**32,535.00**	**54,097.13**	**93,845.69**	**45,592.10**	**27,903.86**	**26,193.27**
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	6,040.00	7,912.00	13,952.00	109.00	7,912.00	0.00
—	**Mercury compounds**	**2,129.00**	**78.91**	**0.00**	**1,340.62**	**1,573.16**	**5,121.68**	**68.00**	**79.50**	**1,493.66**
191-24-2	Benzo(g,h,i)perylene	1,042.07	6.96	0.00	17.04	12.49	1,078.56	0.00	12.49	0.00
7439-97-6	**Mercury**	**133.54**	**20.26**	**0.00**	**71.25**	**29.85**	**254.90**	**27.00**	**0.85**	**29.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	21.01	0.00	0.00	0.00	0.00	21.01	39.80	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.20**	**0.01**	**0.00**	**0.03**	**0.01**	**0.26**	**87.29**	**0.01**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*92.150*	*4.787*	*0.000*	*14.431*	*4.769*	*116.137*	*39,586.070*	*4.533*	*0.236*
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**375.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

SOUTH CAROLINA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
International Paper, Hampton, Hampton	**3,708,601**	**8**	**0**	**0**	**0**	**0**	**3,708,609**	**0**	**0**
Wateree Station - S C.E.& G., Eastover, Richland	3,614,934	17	0	0	0	46	3,614,997	0	125
Williams Station - Genco, Goose Creek, Berkeley	**3,277,652**	**892**	**0**	**0**	**0**	**0**	**3,278,544**	**135,980**	**32**
Winyah Generating Station, Georgetown, Georgetown	2,068,312	5	0	0	0	669,338	2,737,655	0	0
International Paper Georgetown Mill, Georgetown, Georgetown	**2,005,129**	**88,749**	**0**	**0**	**0**	**546,900**	**2,640,778**	**287,750**	**0**
Stone Container Corp., Florence, Florence	2,337,608	36,331	0	0	0	252,883	2,626,821	0	0
Scana Canadys Station, Canadys, Colleton	**2,017,320**	**9,552**	**0**	**0**	**0**	**327,087**	**2,353,958**	**0**	**0**
Westvaco Corp. Packaging Resources Group, North Charleston, Charleston	2,159,664	120,121	0	0	0	0	2,279,785	72,874	72
International Paper, Eastover, Richland	**1,566,402**	**190,168**	**0**	**0**	**0**	**479,439**	**2,236,009**	**0**	**0**
Intertape Polymer Group Columbia Div., Columbia, Richland	1,930,024	0	0	0	0	0	1,930,024	1,130	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army USATC & Fort Jackson (Ranges), Fort Jackson, Richland	**294.00**	**0.00**	**0.00**	**0.00**	**0.00**	**108,098.00**	**108,392.00**	**0.00**	**0.00**
U.S. Marine Corps Recruit Depot Parris Island/Training Range, Parris Island, Beaufort	87.00	0.00	0.00	0.00	0.00	44,243.00	44,330.00	0.00	0.00
Gold Kist Sumter Processing Plant, Sumter, Sumter	**33,382.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**33,382.00**	**0.00**	**0.00**
Winyah Generating Station, Georgetown, Georgetown	399.00	0.00	0.00	0.00	0.00	24,427.50	24,826.50	0.00	0.00
Cross Generating Station, Pineville, Berkeley	**438.00**	**0.00**	**0.00**	**0.00**	**0.00**	**22,723.00**	**23,161.00**	**0.00**	**0.00**
Santee Print Works Inc., Sumter, Sumter	15,566.00	0.00	0.00	0.00	0.00	0.00	15,566.00	0.00	0.00
U.S. DOE Savannah River Ops., Aiken, Aiken	**3,520.71**	**46.12**	**0.00**	**0.00**	**0.00**	**11,390.88**	**14,957.71**	**0.00**	**1,190.67**
South Carolina Electric & Gas Co. Cope Station, Cope, Orangeburg	54.40	1.40	0.00	0.00	0.00	14,102.90	14,158.70	0.00	0.00
Scana Canadys Station, Canadys, Colleton	**479.50**	**112.60**	**0.00**	**0.00**	**0.00**	**13,378.30**	**13,970.40**	**0.00**	**0.00**
Holcim (US) Inc. Holly Hill, Holly Hill, Orangeburg	280.16	0.00	0.00	0.00	0.00	13,220.00	13,500.16	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Nucor Steel, Huger, Berkeley	**0**	**219,574**	**0**	**0**	**0**	**0**	**16,412,261**	**16,631,835**	**0**
International Paper, Hampton, Hampton	2,137	0	0	23,648	0	52,244	3,706,732	3,784,760	0
Wateree Station - S.C.E.& G., Eastover, Richland	**0**	**0**	**0**	**0**	**621,335**	**0**	**3,615,122**	**4,236,457**	**0**
Williams Station - Genco, Goose Creek, Berkeley	0	0	0	0	565,013	0	3,414,555	3,979,568	0
Enersys Inc., Sumter, Sumter	**0**	**3,230,071**	**0**	**0**	**0**	**0**	**3,239,167**	**6,469,238**	**0**
International Paper Georgetown Mill, Georgetown, Georgetown	0	0	0	0	12,476,463	0	2,908,293	15,384,756	0
Winyah Generating Station, Georgetown, Georgetown	**0**	**9,828**	**0**	**0**	**3,649,541**	**0**	**2,737,657**	**6,397,026**	**0**
Stone Container Corp., Florence, Florence	0	0	0	0	4,273,624	0	2,626,641	6,900,265	0
Pirelli Power Cables & Sys. USA L.L.C., Abbeville, Abbeville	**324,000**	**2,293,017**	**0**	**977**	**0**	**8,686**	**2,357,079**	**4,983,759**	**0**
Scana Canadys Station, Canadys, Colleton	0	0	0	0	580,644	0	2,353,958	2,934,602	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Enersys Inc., Sumter, Sumter	**0.00**	**3,230,071.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,239,167.00**	**6,469,238.00**	**0.00**
Nucor Steel, Huger, Berkeley	0.00	1,165.00	0.00	0.00	0.00	0.00	705,820.00	706,985.00	0.00
Owen Electric Steel Co. of South Carolina, Cayce, Lexington	**0.00**	**250,015.00**	**0.00**	**0.00**	**0.00**	**0.00**	**240,015.00**	**490,030.00**	**0.00**
U.S. Army USATC & Fort Jackson (Ranges), Fort Jackson, Richland	0.00	0.00	0.00	0.00	0.00	0.00	108,392.00	108,392.00	0.00
Nucor Steel, Darlington, Darlington	**0.00**	**336,583.00**	**0.00**	**0.00**	**0.00**	**0.00**	**49,777.00**	**386,360.00**	**26,242.00**
U.S. Marine Corps Recruit Depot Parris Island/Training Range, Parris Island, Beaufort	0.00	0.00	0.00	0.00	0.00	0.00	44,330.00	44,330.00	0.00
Hitachi Electronic Devices (USA) Inc., Greenville, Greenville	**0.00**	**7,700.00**	**0.00**	**0.00**	**0.00**	**0.00**	**34,000.00**	**41,700.00**	**0.00**
Pirelli Power Cables & Sys. USA L.L.C., Abbeville, Abbeville	0.00	11,902.00	0.00	0.00	0.00	0.00	33,909.00	45,811.00	0.00
Gold Kist Sumter Processing Plant, Sumter, Sumter	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**33,382.00**	**33,382.00**	**0.00**
Winyah Generating Station, Georgetown, Georgetown	0.00	0.00	0.00	0.00	0.00	0.00	24,827.00	24,827.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

SOUTH DAKOTA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	13,450,214
Air Emissions	1,799,135
Surface Water Discharges	2,413,621
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	704,700
On-site Land Releases to RCRA Subtitle C Landfills	12,380
Other On-site Land Releases	8,520,378
Off-site Releases (Transfers Off-site to Disposal)*	77,038
Total On- and Off-site Releases	**13,527,252**
Recycled On-site	409,644
Recycled Off-site	1,303,774
Energy Recovery On-site	447,276
Energy Recovery Off-site	264,391
Treated On-site	7,213,388
Treated Off-site**	237,900
Quantity Released On- and Off-site***	13,419,785
Total Production-related Waste Managed	**23,296,158**
Non-production-related Waste Managed	**107,756**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	1,297,529
Energy Recovery	183,242
Treatment	180,704
Publicly Owned Treatment Works (POTWs)	78,711
Metals and Metal Category Compounds*	685
Non-metal TRI Chemicals**	78,026
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	76,605
Total Transfers Off-site for Further Waste Management, including Disposal	**1,816,790**

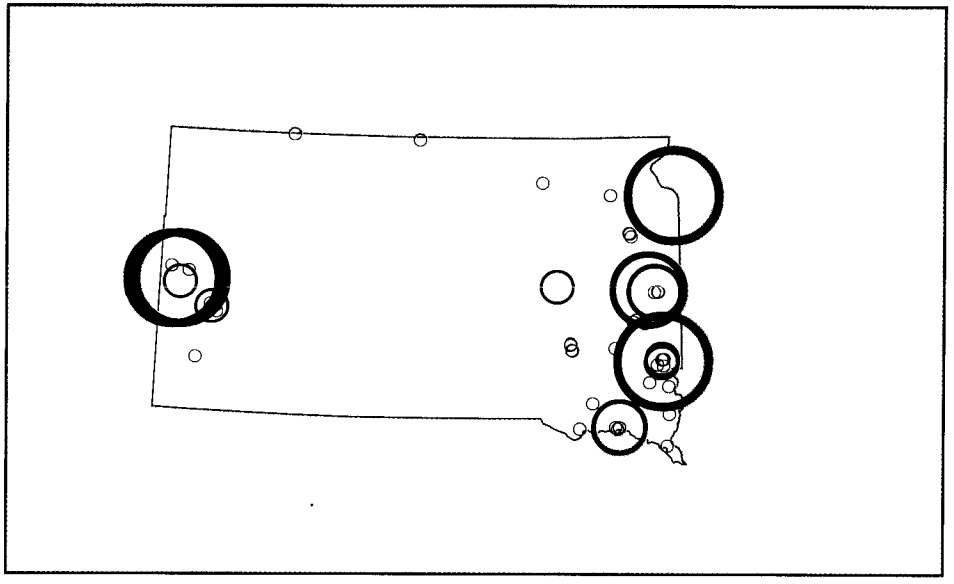
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Lee Ann Smith
523 East Capitol
Pierre, SD 57501-3181
(605) 773-3296
Fax: (605) 773-6035
leeann.smith@state.sd.us

EPA Regional Contact
Joyel Dhieux
USEPA Region 8 (8P- P3T)
999 18th Street, Suite 500
Denver, CO 80202
(303) 312-6447
dhieux.joyel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of South Dakota All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	758,324
Square Miles	75,896
Total Facilities	91
Total Forms	222
Form As	35

	Total
National Rank for Total On- and Off-site Releases*	
Rank	43
Pounds	13,527,252
National Rank for Total On-site Releases**	
Rank	43
Pounds	13,450,214
National Rank for Total Releases within State***	
Rank	43
Pounds	13,526,614
National Rank for Production-related Waste Managed	
Rank	50
Pounds	23,296,158

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

SOUTH DAKOTA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**1,476**	**626**	**8,700**	**2,974,767**	**821**	**2,986,389**	**0**	**306**	**515**
—	Nitrate compounds	0	2,403,647	0	308,759	64	2,712,470	0	59	5
—	**Arsenic compounds**	**10**	**439**	**696,000**	**1,900,000**	**0**	**2,596,449**	**0**	**0**	**0**
—	Zinc compounds	5,041	0	0	2,100,000	32,085	2,137,126	0	31,335	750
—	**Barium compounds**	**3,053**	**46**	**0**	**790,000**	**0**	**793,099**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**1,475.80**	**626.00**	**8,700.00**	**2,974,766.50**	**821.15**	**2,986,389.45**	**0.00**	**306.00**	**515.15**
7439-92-1	Lead	110.55	5.61	0.00	11,937.00	551.31	12,604.47	383.00	36.31	515.00
—	**Polycyclic aromatic compounds**	**8.05**	**0.90**	**0.00**	**0.00**	**492.50**	**501.45**	**0.00**	**492.50**	**0.00**
—	Mercury compounds	200.40	0.00	0.00	40.00	0.00	240.40	0.00	0.00	0.00
7439-97-6	**Mercury**	**29.02**	**0.02**	**0.00**	**6.60**	**0.00**	**35.64**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	0.10	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.01**	**0.00**	**0.00**	**0.06**	**0.07**	**0.00**	**0.06**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*0.304*	*3.801*	*0.000*	*0.000*	*28.975*	*33.080*	*0.000*	*28.975*	*0.000*
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

SOUTH DAKOTA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Wharf Resources (U.S.A.) Inc., Lead, Lawrence	**33,435**	**16,260**	**0**	**0**	**0**	**3,366,000**	**3,415,695**	**0**	**5**
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	176,388	0	0	0	0	3,063,038	3,239,426	0	0
Homestake Mine, Lead, Lawrence	**63,012**	**211,075**	**0**	**704,700**	**0**	**1,933,420**	**2,912,207**	**0**	**0**
John Morrell & Co., Sioux Falls, Minnehaha	67,111	2,184,875	0	0	0	1,826	2,253,812	29,322	0
South Dakota Soybean Processors, Volga, Brookings	**587,246**	**0**	**0**	**0**	**0**	**0**	**587,246**	**0**	**0**
3M Brookings, Brookings, Brookings	211,507	0	0	0	0	0	211,507	0	1
Alcoa Extrusions Inc., Yankton, Yankton	**155,080**	**0**	**0**	**0**	**0**	**0**	**155,080**	**25**	**0**
U.S. EPA Fund-Lead Superfund Site/Gilt Edge Mine, Deadwood, Lawrence	5,900	1,340	0	0	0	88,000	95,240	0	0
Alamo SMC, Sioux Falls, Minnehaha	**83,089**	**0**	**0**	**0**	**0**	**0**	**83,089**	**0**	**0**
GCC Dacotah, Rapid City, Pennington	6,831	0	0	0	0	67,826	74,657	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Wharf Resources (U.S.A.) Inc., Lead, Lawrence	1,230.00	0.00	0.00	0.00	0.00	2,932,650.00	2,933,880.00	0.00	0.00
Homestake Mine, Lead, Lawrence	2.00	2.00	0.00	8,700.00	0.00	31,800.00	40,504.00	0.00	0 00
GCC Dacotah, Rapid City, Pennington	81.30	0.00	0.00	0 00	0.00	11,943.60	12,024.90	0.00	0.00
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	329.30	0.00	0.00	0.00	0.00	10,038.00	10,367.30	0.00	0.00
John Morrell & Co., Sioux Falls, Minnehaha	8.10	624.00	0.00	0.00	0.00	49.50	681.60	0.00	40.00
Pete Lien & Sons Inc., Rapid City, Pennington	0.60	0.00	0.00	0.00	0.00	147.00	147.60	0.00	0.00
U.S. Natl. Park Service Wind Cave Natl. Park, Hot Springs, Fall River	0.00	0.00	0.00	0.00	0.00	122.00	122.00	0.00	0.00
Daktronics Inc., Brookings, Brookings	98.00	0.00	0.00	0.00	0.00	0.00	98.00	0.00	0.00
Black Hills Corp. Ben French Power Plant, Rapid City, Pennington	30.39	4.63	0.00	0.00	0.00	0.00	35.02	0.00	0.00
Sanmina-SCI Corp., Rapid City, Pennington	20.00	1.00	0.00	0.00	0.00	0.00	21.00	0.00	5.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

2001 Toxics Release Inventory

SOUTH DAKOTA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Wharf Resources (U.S.A.) Inc., Lead, Lawrence	**0**	**69,300**	**0**	**0**	**1,998,000**	**3**	**3,415,314**	**5,482,617**	**0**
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	0	0	0	0	526,000	0	3,235,243	3,761,243	0
Homestake Mine, Lead, Lawrence	**0**	**6**	**0**	**0**	**3,127,500**	**0**	**2,913,854**	**6,041,360**	**11,385**
John Morrell & Co., Sioux Falls, Minnehaha	0	0	0	0	220,784	2,798	2,283,129	2,506,711	0
South Dakota Soybean Processors, Volga, Brookings	**0**	**0**	**0**	**0**	**0**	**0**	**587,246**	**587,246**	**0**
3M Brookings, Brookings, Brookings	0	0	447,276	1,101	154,981	157,435	211,508	972,301	0
Alcoa Extrusions Inc., Yankton, Yankton	**0**	**4,500**	**0**	**236,275**	**503,650**	**0**	**153,520**	**897,945**	**0**
Alamo SMC, Sioux Falls, Minnehaha	0	0	0	0	0	150	83,089	83,239	0
GCC Dacotah, Rapid City, Pennington	**0**	**0**	**0**	**0**	**0**	**0**	**74,200**	**74,200**	**0**
Sioux Steel Co., Sioux Falls, Minnehaha	540	0	0	0	0	0	54,069	54,609	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Wharf Resources (U.S.A.) Inc., Lead, Lawrence	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,933,880.00**	**2,933,880.00**	**0.00**
Homestake Mine, Lead, Lawrence	0.00	0.00	0.00	0.00	0.00	0.00	39,800.00	39,800.00	712.00
GCC Dacotah, Rapid City, Pennington	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12,025.00**	**12,025.00**	**0.00**
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	0.00	0.00	0.00	0.00	0.00	0.00	10,243.00	10,243.00	0.00
Electronic Sys. Inc., Sioux Falls, Minnehaha	**0.00**	**1,277.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,279.00**	**2,556.00**	**0.00**
Star Circuits Inc., Brookings, Brookings	20.00	3,728.00	0.00	0.00	0.00	0.00	1,060.00	4,808.00	0.00
John Morrell & Co., Sioux Falls, Minnehaha	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**722.00**	**722.00**	**0.00**
Wheeler Lumber L.L.C., Whitewood, Lawrence	0.00	0.00	0.00	0.00	0.00	1,170.00	496.00	1,666.00	0.00
Pope & Talbot Spearfish, Spearfish, Lawrence	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**488.00**	**488.00**	**0.00**
Terex Telelect Inc. FGI Div., Watertown, Codington	0.00	201.00	0.00	0.00	0.00	0.00	212.00	412.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

TENNESSEE

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	141,943,517
Air Emissions	79,573,558
Surface Water Discharges	3,067,358
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	5
On-site Land Releases to RCRA Subtitle C Landfills	341,993
Other On-site Land Releases	58,960,603
Off-site Releases (Transfers Off-site to Disposal)*	7,017,705
Total On- and Off-site Releases	**148,961,221**
Recycled On-site	164,851,023
Recycled Off-site	79,017,354
Energy Recovery On-site	96,119,122
Energy Recovery Off-site	7,158,004
Treated On-site	178,291,980
Treated Off-site**	5,560,004
Quantity Released On- and Off-site***	162,366,020
Total Production-related Waste Managed	**693,363,507**
Non-production-related Waste Managed	**162,870**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	79,460,905
Energy Recovery	6,956,764
Treatment	1,542,447
Publicly Owned Treatment Works (POTWs)	3,852,873
Metals and Metal Category Compounds*	51,000
Non-metal TRI Chemicals**	3,801,873
Other Off-site Transfers****	281,720
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,322,661
Total Transfers Off-site for Further Waste Management, including Disposal	**99,417,370**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions

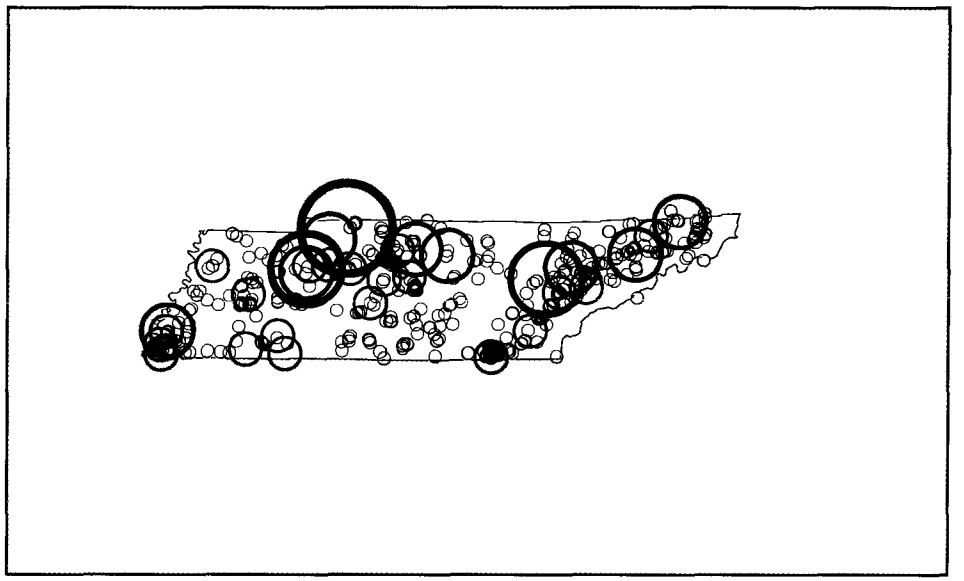
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Betty Eaves
3041 Sidco Drive
Nashville, TN 37204
(615) 741-2986
Fax: (615) 242-9635
beaves@tnema.org

EPA Regional Contact
Ezequiel Velez
USEPA Region 4
61 Forsyth Street, S. W.
Atlanta, GA 30303
(404) 562-9191
velez.ezequiel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Tennessee All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	5,749,398
Square Miles	41,220
Total Facilities	692
Total Forms	2,622
Form As	374

	Total
National Rank for Total On- and Off-site Releases*	
Rank	9
Pounds	148,961,221
National Rank for Total On-site Releases**	
Rank	7
Pounds	141,943,517
National Rank for Total Releases within State***	
Rank	11
Pounds	147,661,681
National Rank for Production-related Waste Managed	
Rank	12
Pounds	693,363,507

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

TENNESSEE

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	23,185,394	750	0	0	0	23,186,144	7,287	0	0
—	Zinc compounds	350,666	84,221	5	16,734,935	1,691,322	18,861,149	97,000	1,048,403	642,919
—	Manganese compounds	67,179	192,469	0	11,479,755	439,446	12,178,849	65,736	385,948	53,498
—	Copper compounds	17,676	20,876	0	11,178,079	338,279	11,554,910	12,742	208,348	129,931
108-88-3	Toluene	8,093,196	108	0	5	12,039	8,105,348	7,345	9,088	3,573

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	Lead compounds	24,322.55	5,322.97	0.00	6,222,608.40	227,627.99	6,479,881.91	11,448.65	147,976.36	79,651.63
7439-92-1	Lead	13,171.28	583.25	0.00	8,367.88	550,370.33	572,492.74	45,504.62	464,845.87	85,524.46
—	Polycyclic aromatic compounds	26,878.31	169.68	0.00	31,481.87	1,388.88	59,918.75	907.30	752.35	636.53
—	Mercury compounds	2,685.29	99.27	0.00	1,774.53	17,783.60	22,342.70	124.68	16,093.10	1,690.50
191-24-2	Benzo(g,h,i)perylene	2,797.34	20.74	0.00	3,598.57	34.37	6,451.02	14.30	34.36	0.01
7439-97-6	Mercury	1,376.54	9.70	0.00	998.20	84.30	2,468.74	0.00	81.30	3.00
1336-36-3	Polychlorinated biphenyls (PCBs)	1.24	0.00	0.00	1,823.00	335.03	2,159.27	0.00	0.00	335.03
118-74-1	Hexachlorobenzene	69.87	164.00	0.00	1,091.00	272.00	1,596.87	0.00	0.00	272.00
608-93-5	Pentachlorobenzene	0.00	117.00	0.00	1,000.00	0.00	1,117.00	0.00	0.00	0.00
29082-74-4	Octachlorostyrene	0.00	0.00	0.00	27.00	0.00	27.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.08	0.05	0.00	19.71	5.55	25.39	0.01	5.30	0.26
—	*Dioxin and dioxin-like compounds (in grams)*	*37.460*	*22.022*	*0 000*	*8,937.283*	*2,518.996*	*11,515.761*	*4.000*	*2,401.572*	*117.424*
79-94-7	Tetrabromobisphenol A	5.34	0.00	0.00	0.00	0.00	5.34	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

TENNESSEE

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Pasminco Zinc Inc., Clarksville, Montgomery	**147,586**	**68,611**	**0**	**0**	**0**	**23,803,372**	**24,019,569**	**0**	**0**
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	1,832,359	20,997	0	0	0	9,973,138	11,826,493	0	0
U.S. TVA Johnsonville Fossil Plant, New Johnsonville, Humphreys	**8,969,060**	**32,152**	**0**	**0**	**0**	**1,960,872**	**10,962,084**	**3,062**	**2,165**
U.S. TVA Kingston Fossil Plant, Harriman, Roane	5,926,225	46,641	0	0	0	1,651,816	7,624,681	10	100
Eastman Tennessee Ops., Kingsport, Sullivan	**4,735,421**	**395,036**	**0**	**0**	**75,595**	**975,747**	**6,181,799**	**0**	**64,703**
U.S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	1,468,808	476,127	0	0	0	3,352,157	5,297,092	7,267	0
Pasminco Zinc Inc. Gordonsville Mine, Gordonsville, Smith	**4,467**	**2,525**	**0**	**0**	**0**	**4,946,105**	**4,953,097**	**0**	**0**
U.S. TVA Bull Run Fossil Plant, Clinton, Anderson	4,305,815	16,984	0	0	0	415,241	4,738,040	493,100	0
Erachem Comilog, New Johnsonville, Humphreys	**20,802**	**3,295**	**0**	**0**	**0**	**4,614,184**	**4,638,281**	**0**	**0**
U.S. TVA Gallatin Fossil Plant, Gallatin, Sumner	1,890,522	19,771	0	0	0	1,656,881	3,567,174	5,191	6,710

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Pasminco Zinc Inc., Clarksville, Montgomery	68.00	194.00	0.00	0.00	0.00	5,362,143.00	5,362,405.00	0.00	0.00
Pasminco Zinc Inc. Gordonsville Mine, Gordonsville, Smith	71.10	88.80	0.00	0.00	0.00	209,110.00	209,269.90	0.00	0.00
U.S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	843.01	172.00	0.00	0.00	0.00	188,256.60	189,271.61	202.00	0.00
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	0.61	297.03	0.00	0.00	0.00	150,012.69	150,310.33	0.00	0.00
U.S. TVA Johnsonville Fossil Plant, New Johnsonville, Humphreys	709.90	52.00	0.00	0.00	0.00	68,272.20	69,034.10	27.30	665.00
U.S. TVA Kingston Fossil Plant, Harriman, Roane	719.90	40.80	0.00	0.00	0.00	55,215.60	55,976.30	0.00	100.00
Ameristeel, Jackson, Madison	7,345.99	415.00	0.00	0.00	0.00	45,786.00	53,546.99	0.00	15,610.01
UCAR Carbon Co. Inc., Columbia, Maury	18,262.39	162.97	0.00	0.00	0.00	33,533.50	51,958.86	0.00	0.00
Eastman Tennessee Ops., Kingsport, Sullivan	2,542.01	1,481.00	0.00	0.00	161.00	39,046.01	43,230.02	0.00	0.00
U.S. TVA Gallatin Fossil Plant, Gallatin, Sumner	601.90	71.00	0.00	0.00	0.00	26,130.75	26,803.65	2,121.40	2,910.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Pasminco Zinc Inc., Clarksville, Montgomery	**20,861,000**	**0**	**0**	**0**	**0**	**0**	**24,078,920**	**44,939,920**	**0**
Lenzing Fibers Corp , Lowland, Hamblen	6,300,000	0	0	0	364,260	0	16,682,471	23,346,731	0
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	**0**	**0**	**0**	**0**	**28,750,000**	**0**	**11,826,485**	**40,576,485**	**8**
U.S. TVA Johnsonville Fossil Plant, New Johnsonville, Humphreys	0	37,000	0	0	1,281,000	0	10,985,481	12,303,481	0
U.S. TVA Kingston Fossil Plant, Harriman, Roane	**0**	**153**	**0**	**0**	**1,951,000**	**0**	**7,629,825**	**9,580,978**	**0**
Eastman Tennessee Ops., Kingsport, Sullivan	0	31,372	2,739,159	0	19,553,508	9,706	6,238,333	28,572,078	0
U.S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	**0**	**34,000**	**0**	**0**	**16,553,000**	**0**	**5,288,977**	**21,875,977**	**0**
U.S. TVA Bull Run Fossil Plant, Clinton, Anderson	0	0	0	0	848,000	0	5,234,544	6,082,544	0
Pasminco Zinc Inc. Gordonsville Mine, Gordonsville, Smith	**0**	**0**	**0**	**0**	**0**	**0**	**4,952,655**	**4,952,655**	**0**
Erachem Comilog, New Johnsonville, Humphreys	0	0	0	0	0	0	4,634,977	4,634,977	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Pasminco Zinc Inc., Clarksville, Montgomery	**2,400,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,400,070.00**	**7,800,070.00**	**0.00**
Metalico-College Grove, College Grove, Williamson	130,000.00	0.00	0.00	0.00	0.00	0.00	460,000.00	590,000.00	0.00
Pasminco Zinc Inc. Gordonsville Mine, Gordonsville, Smith	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**209,270.00**	**209,270.00**	**0.00**
U.S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	0.00	0.00	0.00	0.00	0.00	0.00	190,757.00	190,757.00	0.00
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**150,310.00**	**150,310.00**	**0.00**
U.S. TVA Johnsonville Fossil Plant, New Johnsonville, Humphreys	0.00	0.00	0.00	0.00	0.00	0.00	69,281.00	69,281.00	0.00
Ameristeel, Jackson, Madison	**475,072.00**	**160,165.00**	**0.00**	**0.00**	**0.00**	**0.00**	**69,159.00**	**704,396.00**	**0.00**
Pollution Control Inds. of Tennessee L.L.C., Millington, Shelby	0.00	0.00	0.00	0.00	0.00	0.00	63,785.00	63,785.00	0.00
U.S. TVA Kingston Fossil Plant, Harriman, Roane	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**56,805.00**	**56,805.00**	**0.00**
UCAR Carbon Co. Inc., Columbia, Maury	0.00	18,551.00	2,454,371.00	0.00	433,134.00	0.00	51,989.00	2,958,045.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

TEXAS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	236,256,913
Air Emissions	102,748,862
Surface Water Discharges	26,007,896
Underground Injection Class I Wells	77,648,758
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	1,454,403
Other On-site Land Releases	28,396,993
Off-site Releases (Transfers Off-site to Disposal)*	34,278,163
Total On- and Off-site Releases	**270,535,075**
Recycled On-site	689,703,872
Recycled Off-site	136,892,811
Energy Recovery On-site	875,947,403
Energy Recovery Off-site	141,426,391
Treated On-site	1,747,035,703
Treated Off-site**	97,450,247
Quantity Released On- and Off-site***	274,862,593
Total Production-related Waste Managed	**3,963,319,020**
Non-production-related Waste Managed	**12,156,179**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	136,898,041
Energy Recovery	143,041,520
Treatment	56,643,370
Publicly Owned Treatment Works (POTWs)	37,168,984
Metals and Metal Category Compounds*	40,347
Non-metal TRI Chemicals**	37,128,637
Other Off-site Transfers****	41,322
Transfers Off-site to Disposal *(not including metals to POTWs)*	35,821,346
Total Transfers Off-site for Further Waste Management, including Disposal	**409,614,582**

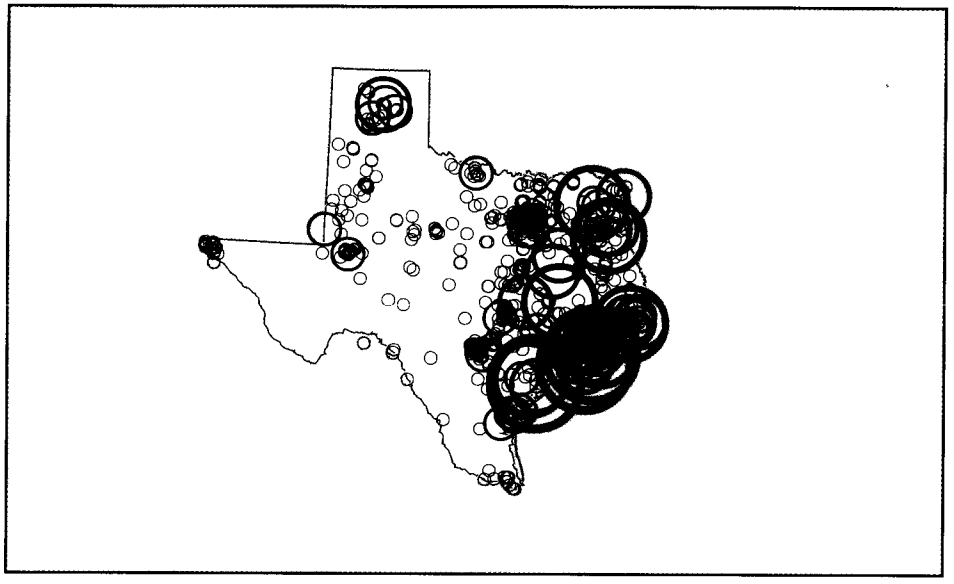
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Blake Kidd
P.O. Box 13087
Austin, Texas 78711-3087
(512) 239-1441
Fax (512) 239-1555
toxic@tnrcc.state.tx.us

EPA Regional Contact
Morton Wakeland
USEPA Region 6 (6PDT)
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733
(214) 665-8116
wakeland.morton@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Texas All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	21,370,983
Square Miles	261,914
Total Facilities	1,556
Total Forms	8,359
Form As	975

	Total
National Rank for Total On- and Off-site Releases*	
Rank	5
Pounds	270,535,075
National Rank for Total On-site Releases**	
Rank	5
Pounds	236,256,913
National Rank for Total Releases within State***	
Rank	6
Pounds	271,986,562
National Rank for Production-related Waste Managed	
Rank	1
Pounds	3,963,319,020

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

TEXAS

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Nitrate compounds**	**30**	**24,238,860**	**9,811,282**	**150,220**	**59,380**	**34,259,772**	**79,250**	**33,449**	**25,931**
7664-41-7	Ammonia	5,206,675	518,396	15,014,390	199,710	415,440	21,354,611	79,090	453,860	1,150
—	**Barium compounds**	**114,553**	**64,632**	**0**	**12,492,959**	**4,240,962**	**16,913,106**	**2,154**	**4,148,646**	**126,051**
67-56-1	Methanol	9,063,480	115,872	6,598,109	94,380	356,512	16,228,353	1,050,606	461,240	17,450
74-85-1	**Ethylene**	**13,833,993**	**0**	**6,682**	**0**	**1**	**13,840,676**	**0**	**1**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**83,294.62**	**2,200.42**	**1,274.00**	**1,238,183.55**	**12,386,852.11**	**13,711,804.71**	**108,584.59**	**12,042,976.49**	**344,391.37**
7439-92-1	Lead	17,897.68	2,746.02	0.00	389,934.94	343,849.54	754,428.18	7,961.16	236,906.55	109,385.49
—	**Polycyclic aromatic compounds**	**56,410.29**	**4,394.27**	**1.10**	**1,081.37**	**16,790.50**	**78,677.53**	**192.85**	**15,636.50**	**1,154.00**
—	Mercury compounds	12,211.46	35.56	76.00	5,679.91	5,094.57	23,097.50	1,732.49	2,176.58	2,919.99
118-74-1	**Hexachlorobenzene**	**69.14**	**30.50**	**2.02**	**11.00**	**13,576.00**	**13,688.65**	**0.00**	**6,613.00**	**6,963.00**
191-24-2	Benzo(g,h,i)perylene	3,338.06	461.02	1.00	8 89	839.76	4,648.72	0.00	784.76	55.00
7439-97-6	**Mercury**	**2,553.90**	**15.01**	**460.40**	**576.61**	**629.57**	**4,235.49**	**66.85**	**477.27**	**153.30**
1336-36-3	Polychlorinated biphenyls (PCBs)	7.05	2.00	0.00	616.00	47.64	672.69	3.00	46.33	1.31
—	**Dioxin and dioxin-like compounds**	**0.74**	**1.61**	**0.18**	**29.46**	**30.71**	**62.70**	**0.30**	**7.17**	**23.54**
—	*Dioxin and dioxin-like compounds (in grams)*	*336.645*	*730.188*	*83.820*	*13,359.430*	*13,925.662*	*28,435.746*	*138.027*	*3,249.680*	*10,675.984*
8001-35-2	**Toxaphene**	**0.00**	**6.19**	**0.14**	**0.00**	**0.60**	**6.93**	**0.00**	**0.00**	**0.60**
608-93-5	Pentachlorobenzene	3.50	0.00	1.48	0.00	0.00	4.98	0.00	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**2.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**	**496,872.00**	**0.00**	**0.00**
57-74-9	Chlordane	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
1582-09-8	**Trifluralin**	**0.00**	**0.00**	**0.00**	**1.00**	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76-44-8	**Heptachlor**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

TEXAS

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection: Class I Wells Pounds	On-site Releases: Underground Injection: Class II-V Wells Pounds	On-site Releases to Land: RCRA Subtitle C Landfills Pounds	On-site Releases to Land: Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Within State Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Out of State Pounds
BASF Corp., Freeport, Brazoria	**264,587**	**15,644,870**	**1,794,799**	**0**	**0**	**0**	**17,704,256**	**16,480**	**19**
Solutia Chocolate Bayou, Alvin, Brazoria	209,927	3,200	17,362,108	0	10,000	0	17,585,235	0	0
BP Chemicals Green Lake Facility, Port Lavaca, Calhoun	**106,535**	**1,026**	**14,479,282**	**0**	**0**	**0**	**14,586,843**	**9,244**	**0**
Du Pont Victoria Plant, Victoria, Victoria	482,584	540,106	8,862,504	0	775	8,606	9,894,575	5,980	6
Du Pont Beaumont Plant, Beaumont, Jefferson	**176,601**	**3,482**	**9,150,971**	**0**	**0**	**0**	**9,331,055**	**17,376**	**78,798**
Gibbons Creek Steam Electric Station, Carlos, Grimes	8,351,131	0	0	0	0	72,503	8,423,634	0	0
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	**1,171,875**	**525**	**0**	**0**	**0**	**4,392,678**	**5,565,078**	**0**	**0**
BP Texas City Business Unit, Texas City, Galveston	3,558,674	210,435	1,785,346	0	0	0	5,554,455	132,086	0
Martin Lake Steam Electric Station & Lignite Mine, Tatum, Rusk	**322,176**	**765**	**0**	**0**	**0**	**5,003,549**	**5,326,491**	**0**	**0**
Lyondell Chemical Co., Channelview, Harris	574,395	1	4,039,724	0	0	0	4,614,120	42,008	107,329

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection: Class I Wells Pounds	On-site Releases: Underground Injection: Class II-V Wells Pounds	On-site Releases to Land: RCRA Subtitle C Landfills Pounds	On-site Releases to Land: Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Within State Pounds	Off-site Releases (Transfers Off-site to Disposal): Transferred Out of State Pounds
Sherwin Alumina L.P., Gregory, San Patricio	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**396,938.41**	**396,938.41**	**0.00**	**0.00**
Tyler Pipe Co., Tyler, Smith	6,741.50	816.90	0.00	0.00	242,270.70	0.00	249,829.10	0.00	0.00
Exide Techs , Frisco, Collin	**2,684.00**	**4.73**	**0.00**	**0.00**	**0.00**	**153,022.00**	**155,710.73**	**0.00**	**122.88**
Alcoa World Alumina Atlantic, Point Comfort, Calhoun	973.56	8.50	0.00	0.00	0.00	148,016.90	148,998.96	0.00	0.60
U.S. Army Fort Hood - Range Facility, Fort Hood, Bell	**1,097.00**	**0.00**	**0.00**	**0.00**	**0.00**	**111,527.00**	**112,624.00**	**0.00**	**0.00**
Waste Control Specialists L.L.C., Andrews, Andrews	0.00	0.00	0.00	0.00	82,535.00	0.00	82,535.00	0.00	0.00
U.S. Army Camp Bullis Training Site, San Antonio, Bexar	**149.00**	**0.00**	**0.00**	**0.00**	**0.00**	**77,388.00**	**77,537.00**	**0.00**	**0.00**
Martin Lake Steam Electric Station & Lignite Mine, Tatum, Rusk	1,160.33	7.40	0.00	0.00	0.00	63,045.00	64,212.73	0.00	0.00
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	**1,473.32**	**0.00**	**0.00**	**0.00**	**0.00**	**51,998.00**	**53,471.32**	**0.00**	**0.00**
ASARCO Inc. Amarillo Copper Refy., Amarillo, Potter	48,599.00	0.00	769.00	0.00	0.00	0.00	49,368.00	0.00	1,367.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
BASF Corp., Freeport, Brazoria	**50,000**	**141,818**	**47,218,900**	**30,600**	**23,355,420**	**23,022**	**17,748,569**	**88,568,329**	**0**
Solutia Chocolate Bayou, Alvin, Brazoria	840,000	0	0	0	34,378,300	0	17,595,708	52,814,008	0
BP Chemicals Green Lake Facility, Port Lavaca, Calhoun	**0**	**0**	**53,197,700**	**0**	**1,675,133**	**21,434**	**14,600,205**	**69,494,472**	**4,226**
Structural Metals Inc., Seguin, Guadalupe	0	6,219,320	0	0	0	0	12,620,940	18,840,260	11,072,000
Du Pont Victoria Plant, Victoria, Victoria	**0**	**0**	**24,889,290**	**0**	**52,642,433**	**755,637**	**9,900,561**	**88,187,921**	**0**
Du Pont Beaumont Plant, Beaumont, Jefferson	3,027,300	123,050	7,549,600	0	12,055,278	3,351,808	9,427,229	35,534,265	912
Gibbons Creek Steam Electric Station, Carlos, Grimes	**0**	**0**	**0**	**0**	**1,175,473**	**0**	**8,423,627**	**9,599,100**	**0**
BP Texas City Business Unit, Texas City, Galveston	3,400	487,131	0	656	5,006,800	6,703	5,954,116	11,458,806	0
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	**0**	**0**	**0**	**0**	**67,596**	**0**	**5,565,077**	**5,632,673**	**0**
Martin Lake Steam Electric Station & Lignite Mine, Tatum, Rusk	0	0	0	0	645,943	0	5,326,493	5,972,436	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Structural Metals Inc., Seguin, Guadalupe	**0.00**	**520,120.00**	**0.00**	**0.00**	**0.00**	**0.00**	**12,000,940.00**	**12,521,060.00**	**11,000,000.00**
Sherwin Alumina L.P., Gregory, San Patricio	0.00	0.00	0.00	0.00	0.00	0.00	396,938.00	396,938.00	0.00
Tyler Pipe Co., Tyler, Smith	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**249,829.00**	**249,829.00**	**0.00**
Exide Techs., Frisco, Collin	260,000.00	0.00	0.00	0.00	0.00	0.00	155,000.00	415,000.00	0.00
Alcoa World Alumina Atlantic, Point Comfort, Calhoun	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**147,905.00**	**147,905.00**	**1,094.00**
Teris L.L.C. (Dba Heat Treatment Services), Dallas, Dallas	0.00	0.00	0.00	0.00	0.00	0.00	134,200.00	134,200.00	0.00
Advanced Micro Devices Inc.Fab 25, Austin, Travis	**0.00**	**17,024.00**	**0.00**	**0.00**	**0.00**	**0.00**	**131,708.00**	**148,732.00**	**0.00**
U.S. Army Fort Hood - Range Facility, Fort Hood, Bell	0.00	0.00	0.00	0.00	0.00	0.00	112,624.00	112,624.00	0.00
Chevron Phillips Chemical Co. L.P., Baytown, Harris	**0.00**	**0.00**	**0.00**	**0.00**	**161.00**	**0.00**	**102,204.00**	**102,365.00**	**0.00**
Waste Management Inc., Port Arthur, Jefferson	0.00	0.00	0.00	0.00	1,505,813.00	0.00	101,388.00	1,607,201.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

UTAH

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	766,215,034
Air Emissions	19,220,667
Surface Water Discharges	1,215,070
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	5,266,999
Other On-site Land Releases	740,512,297
Off-site Releases (Transfers Off-site to Disposal)*	982,691
Total On- and Off-site Releases	**767,197,725**
Recycled On-site	146,169,795
Recycled Off-site	2,710,383
Energy Recovery On-site	2,719,020
Energy Recovery Off-site	73,466
Treated On-site	78,768,765
Treated Off-site**	1,226,624
Quantity Released On- and Off-site***	764,952,754
Total Production-related Waste Managed	**996,620,807**
Non-production-related Waste Managed	**10,579,265**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	2,695,980
Energy Recovery	43,134
Treatment	425,083
Publicly Owned Treatment Works (POTWs)	1,143,894
Metals and Metal Category Compounds*	2,777
Non-metal TRI Chemicals**	1,141,117
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	8,621,816
Total Transfers Off-site for Further Waste Management, including Disposal	**12,929,907**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases, e g. releases due to catastrophic events or remedial actions

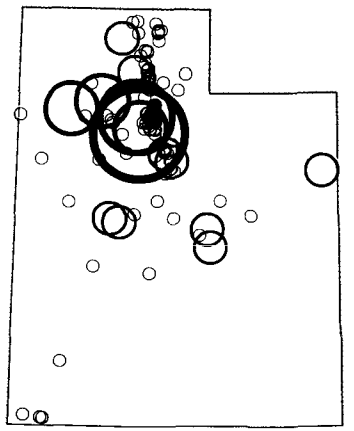
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Michael Zucker
168 North 1950 West
Salt Lake City, UT 84116
(801) 536-4143
Fax: (801) 536-4242
mzucker@utah.gov

EPA Regional Contact
Joyel Dhieux
USEPA Region 8 (8P- P3T)
999 18th Street, Suite 500
Denver, CO 80202
(303) 312-6447
dhieux.joyel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Utah All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,278,712
Square Miles	82,168
Total Facilities	179
Total Forms	799
Form As	77

	Total
National Rank for Total On- and Off-site Releases*	
Rank	2
Pounds	767,197,725
National Rank for Total On-site Releases**	
Rank	2
Pounds	766,215,034
National Rank for Total Releases within State***	
Rank	2
Pounds	769,554,188
National Rank for Production-related Waste Managed	
Rank	8
Pounds	996,620,807

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

UTAH

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Copper compounds**	**63,960**	**2,860**	**0**	**424,682,491**	**139,638**	**424,888,949**	**207,678**	**40,565**	**103,230**
—	Lead compounds	7,791	256	0	94,823,839	606,855	95,438,741	563,446	128,471	496,009
—	**Zinc compounds**	**9,496**	**8,672**	**0**	**75,447,094**	**6,357,325**	**81,822,587**	**869,817**	**202,697**	**6,350,580**
—	Manganese compounds	7,532	510	0	46,918,461	609,097	47,535,600	25,425	36,290	606,002
—	**Chromium compounds**	**2,869**	**500**	**0**	**44,307,998**	**116,229**	**44,427,596**	**9,985**	**71,531**	**64,827**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**7,791.29**	**255.70**	**0.00**	**94,823,839.21**	**606,854.73**	**95,438,740.93**	**563,446.18**	**128,470.63**	**496,009.20**
7439-92-1	Lead	385.38	184.00	0.00	252,728.59	19,977.91	273,275.88	306,870.39	19,591.41	749.40
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**4.00**	**0.00**	**0.00**	**183,582.00**	**1,173.10**	**184,759.10**	**45,170.31**	**1,173.10**	**0.00**
—	Mercury compounds	999.46	5.00	0.00	44,187.26	792.10	45,983.81	1,857.10	788.78	3.62
—	**Polycyclic aromatic compounds**	**4,895.14**	**67.00**	**0.00**	**10.00**	**4,031.52**	**9,003.66**	**24.01**	**4,031.52**	**0.00**
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	736.00	268.94	1,004.94	272.00	268.94	0.00
191-24-2	**Benzo(g,h,i)perylene**	**121.03**	**6.50**	**0.00**	**0.00**	**0.00**	**127.53**	**25.40**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.45	0.00	0.00	5.06	0.01	5.52	0.00	0.00	0.01
—	***Dioxin and dioxin-like compounds (in grams)***	***204.983***	***0.000***	***0.000***	***2,295.444***	***2.640***	***2,503.068***	***0.000***	***0.030***	***2.610***
7439-97-6	Mercury	2.56	0.00	0.00	0.20	0.00	2.76	43.65	0.10	0.00
8001-35-2	**Toxaphene**	**0.00**	**0.00**	**0.00**	**0.00**	**1.00**	**1.00**	**0.00**	**1.00**	**0.00**
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	0.00	0.23	0.23	0.00	0.23	0.00
1582-09-8	**Trifluralin**	**0.00**	**0.00**	**0.00**	**0.00**	**0.09**	**0.09**	**0.00**	**0.09**	**0.00**
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
40487-42-1	Pendimethalin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

UTAH

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	**25,195**	**22,894**	**0**	**0**	**0**	**695,881,360**	**695,929,448**	**0**	**255**
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	99,101	8,833	0	0	0	27,722,175	27,830,109	0	36,691
Magnesium Corp. of America, Rowley, Tooele	**14,354,000**	**0**	**0**	**0**	**0**	**7,947**	**14,361,947**	**0**	**0**
Kennecott Barneys Canyon Mining Co., Bingham Canyon, Salt Lake	10,503	0	0	0	0	6,760,150	6,770,653	0	0
Safety Kleen (Lone & Grassy), Grantsville, Tooele	**233**	**0**	**0**	**0**	**5,266,998**	**469,286**	**5,736,517**	**7,332**	**0**
Pacificorp Huntington Plant, Huntington, Emery	858,644	0	0	0	0	1,067,579	1,926,223	28	0
Intermountain Power Generating Station, Delta, Millard	**137,138**	**0**	**0**	**0**	**0**	**1,470,174**	**1,607,312**	**0**	**0**
Bonanza Power Plant, Vernal, Uintah	78,280	0	0	0	0	1,501,111	1,579,391	0	4,781
Western Zirconium, Ogden, Weber	**51,682**	**0**	**0**	**0**	**0**	**1,461,020**	**1,512,702**	**0**	**0**
Geneva Steel L.L.C., Vineyard, Utah	92,746	933,451	0	0	0	331,900	1,358,098	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	**704.80**	**63.50**	**0.00**	**0.00**	**0.00**	**91,131,000.00**	**91,131,768.30**	**0.00**	**0.20**
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	4,316.03	182.50	0.00	0.00	0.00	2,876,620.02	2,881,118.55	0.00	8,281.10
Safety Kleen (Lone & Grassy), Grantsville, Tooele	**28.20**	**0.00**	**0.00**	**0.00**	**629,367.00**	**184,732.00**	**814,127.20**	**1,911.00**	**0.00**
Pacific States Cast Iron Pipe Co., Provo, Utah	175 00	0.00	0.00	0.00	0.00	236,066.00	236,241.00	0.00	0.00
Kennecott Barneys Canyon Mining Co., Bingham Canyon, Salt Lake	**2.76**	**0.00**	**0.00**	**0.00**	**0.00**	**59,400.00**	**59,402.76**	**0.00**	**0.00**
Intermountain Power Generating Station, Delta, Millard	478.20	0.00	0.00	0.00	0.00	51,824.11	52,302.32	0.00	0.00
Bonanza Power Plant, Vernal, Uintah	**135.13**	**0.00**	**0.00**	**0.00**	**0.00**	**40,178.65**	**40,313.78**	**0.00**	**116.52**
Pacificorp Hunter Plant, Castle Dale, Emery	413.50	0.00	0.00	0.00	0.00	24,654.20	25,067.70	0.30	0.00
Ash Grove Cement Co., Leamington, Juab	**92.70**	**0.00**	**0.00**	**0.00**	**0.00**	**20,516.20**	**20,608.90**	**1.50**	**0.00**
Pacificorp Huntington Plant, Huntington, Emery	285.20	0.00	0.00	0.00	0.00	20,139.90	20,425.10	27.50	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	**0**	**0**	**0**	**0**	**0**	**0**	**696,350,305**	**696,350,305**	**0**
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	0	0	0	0	1,500	0	17,641,485	17,642,985	10,234,850
Magnesium Corp. of America, Rowley, Tooele	**141,000,000**	**0**	**0**	**0**	**33,000,000**	**89**	**14,207,948**	**188,208,037**	**0**
Nucor Corp. Nucor Steel Div., Plymouth, Box Elder	0	19	0	0	0	0	7,878,620	7,878,639	50,803
Kennecott Barneys Canyon Mining Co., Bingham Canyon, Salt Lake	**0**	**0**	**0**	**0**	**0**	**0**	**6,770,150**	**6,770,150**	**0**
Safety Kleen (Lone & Grassy), Grantsville, Tooele	0	0	0	0	337,426	0	5,743,868	6,081,294	0
Pacificorp Huntington Plant, Huntington, Emery	**0**	**1**	**0**	**0**	**1,720,000**	**0**	**1,925,454**	**3,645,455**	**0**
Intermountain Power Generating Station, Delta, Millard	0	0	0	0	4,190,000	0	1,622,802	5,812,802	0
Bonanza Power Plant, Vernal, Uintah	**0**	**0**	**0**	**0**	**1,381,590**	**0**	**1,569,271**	**2,950,861**	**0**
Western Zirconium, Ogden, Weber	140,000	0	0	0	6,423,000	509	1,513,310	8,076,819	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**91,031,000.00**	**91,031,000.00**	**0.00**
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	0.00	0.00	0.00	0.00	0.00	0.00	1,900,970.00	1,900,970.00	975,700.00
Safety Kleen (Lone & Grassy), Grantsville, Tooele	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**816,057.00**	**816,057.00**	**0.00**
Nucor Corp. Nucor Steel Div., Plymouth, Box Elder	0.00	1.00	0.00	0.00	0.00	0.00	499,257.00	499,258.00	5,796.00
Pacific States Cast Iron Pipe Co., Provo, Utah	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**236,241.00**	**236,241.00**	**0.00**
Edo Corp. Western Div., Salt Lake City, Salt Lake	0.00	0.00	0.00	0.00	0.00	0.00	99,000.00	99,000.00	0.00
Kennecott Barneys Canyon Mining Co., Bingham Canyon, Salt Lake	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**59,400.00**	**59,400.00**	**0.00**
Intermountain Power Generating Station, Delta, Millard	0.00	0.00	0.00	0.00	0.00	0.00	52,302.00	52,302.00	0.00
Bonanza Power Plant, Vernal, Uintah	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**40,429.00**	**40,429.00**	**0.00**
Pacificorp Hunter Plant, Castle Dale, Emery	0.00	0.00	0.00	0.00	0.00	0.00	25,068.00	25,068.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

VERMONT

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	212,542
Air Emissions	136,536
Surface Water Discharges	75,573
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	178
Other On-site Land Releases	255
Off-site Releases (Transfers Off-site to Disposal)*	150,460
Total On- and Off-site Releases	**363,002**
Recycled On-site	145,571
Recycled Off-site	1,582,246
Energy Recovery On-site	0
Energy Recovery Off-site	291,536
Treated On-site	1,228,475
Treated Off-site**	680,982
Quantity Released On- and Off-site***	314,782
Total Production-related Waste Managed	**4,243,592**
Non-production-related Waste Managed	**20,208**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	1,524,928
Energy Recovery	280,780
Treatment	82,678
Publicly Owned Treatment Works (POTWs)	588,665
Metals and Metal Category Compounds*	840
Non-metal TRI Chemicals**	587,825
Other Off-site Transfers****	250
Transfers Off-site to Disposal *(not including metals to POTWs)*	149,627
Total Transfers Off-site for Further Waste Management, including Disposal	**2,626,929**

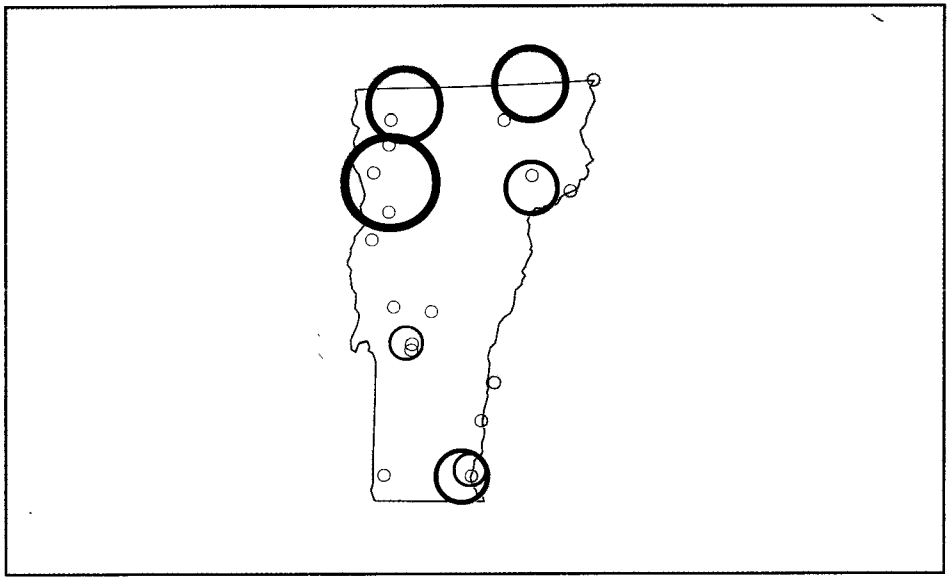
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Paul Van Hollebeke
103 South Main Street
Waterbury, VT 05671-0411
(802) 241-3629
Fax: (802) 241-3273
paulv@dec.anr.state.vt.us

EPA Regional Contact
Dwight Peavey
USEPA Region 1 (SPT)
1 Congress Street, Suite 11000
Boston, MA 02114-2023
(617) 918-1829
peavey.dwight@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Vermont All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	612,978
Square Miles	9,249
Total Facilities	47
Total Forms	113
Form As	11

	Total
National Rank for Total On- and Off-site Releases*	
Rank	52
Pounds	363,002
National Rank for Total On-site Releases**	
Rank	52
Pounds	212,542
National Rank for Total Releases within State***	
Rank	52
Pounds	281,359
National Rank for Production-related Waste Managed	
Rank	51
Pounds	4,243,592

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

VERMONT

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Nitrate compounds**	**0**	**70,614**	**0**	**0**	**85,501**	**156,115**	**0**	**50,501**	**35,000**
7664-41-7	Ammonia	47,582	4,450	0	0	0	52,032	171	0	0
108-88-3	**Toluene**	**26,399**	**0**	**0**	**0**	**0**	**26,399**	**0**	**0**	**0**
—	Zinc compounds	0	0	0	0	22,917	22,917	980	750	22,167
7439-92-1	**Lead**	**252**	**2**	**0**	**0**	**17,869**	**18,123**	**620**	**24**	**17,845**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**252.03**	**2.00**	**0.00**	**0.00**	**17,869.20**	**18,123.23**	**619.65**	**24.40**	**17,844.80**
—	Lead compounds	43.55	0.00	0.00	178.30	4,860.39	5,082.24	440.80	504.09	4,356.30
—	**Polycyclic aromatic compounds**	**267.61**	**0.00**	**0.00**	**0.00**	**0.00**	**267.61**	**0.30**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	17 00	0.00	0.00	0.00	0.00	17.00	0.07	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*0.858*	*0.000*	*0.000*	*0.000*	*0.000*	*0.858*	*0.223*	*0.000*	*0.000*
7439-97-6	**Mercury**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
—	**Mercury compounds**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

VERMONT

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
IBM Corp., Essex Junction, Chittenden	**31,906**	**74,940**	**0**	**0**	**0**	**0**	**106,846**	**0**	**13,909**
Tivoly Inc., Derby Line, Orleans	26,709	0	0	0	0	0	26,709	0	0
Rock-Tenn Co., Sheldon Springs, Franklin	**20,643**	**122**	**0**	**0**	**0**	**0**	**20,765**	**2**	**0**
G.S. Precision Inc., Brattleboro, Windham	15,308	0	0	0	0	0	15,308	0	0
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	**14,214**	**0**	**0**	**0**	**0**	**0**	**14,214**	**0**	**0**
US Samica Inc., Rutland, Rutland	8,200	0	0	0	0	0	8,200	0	0
Rutland Plywood Corp., Rutland, Rutland	**7,439**	**0**	**0**	**0**	**0**	**0**	**7,439**	**0**	**0**
C. E. Bradley Labs. Inc., North Brattleboro, Windham	7,285	0	0	0	0	0	7,285	0	0
Winter Panel Corp., Brattleboro, Windham	**2,920**	**0**	**0**	**0**	**0**	**0**	**2,920**	**0**	**0**
GE Co., North Clarendon, Rutland	1,020	0	0	0	0	0	1,020	285	11,231

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Tivoly Inc., Derby Line, Orleans	**264.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**264.00**	**0.00**	**0.00**
Stanley Tools, Pittsfield, Rutland	248.00	0.00	0.00	0.00	0.00	0.00	248.00	0.00	0.00
Fuel & Utility Sys. Goodrich Corp., Vergennes, Addison	**0.00**	**0.00**	**0.00**	**0.00**	**178.00**	**0.30**	**178.30**	**0.00**	**178.55**
American Paper Mills of Vermont, Gilman, Essex	22.00	0.00	0.00	0.00	0.00	0.00	22.00	0.00	0.00
Putney Paper Co., Putney, Windham	**20.60**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20.60**	**0.00**	**0.00**
Ethan Allen Inc. Beecher Falls Div., Beecher Falls, Essex	11.40	0.00	0.00	0.00	0.00	0.00	11.40	0.00	0.00
Ethan Allen Inc. Orleans Div., Orleans, Orleans	**7.80**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**7.80**	**0.00**	**0.00**
Rock-Tenn Co., Sheldon Springs, Franklin	3.20	0.00	0.00	0.00	0.00	0.00	3.20	2.00	0.00
IBM Corp., Essex Junction, Chittenden	**0.00**	**2.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**	**0.00**	**13,908.80**
Nexus Custom Electronics Inc., Brandon, Rutland	1.55	0.00	0.00	0.00	0.00	0.00	1.55	234.04	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

2001 Toxics Release Inventory

VERMONT

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
IBM Corp., Essex Junction, Chittenden	**0**	**118,960**	**0**	**92,474**	**300,259**	**769**	**120,755**	**633,217**	**0**
Cabot Creamery, Cabot, Washington	0	0	0	0	35,000	0	35,000	70,000	0
Tivoly Inc., Derby Line, Orleans	**0**	**0**	**0**	**199,062**	**0**	**0**	**26,709**	**225,771**	**0**
Fulflex of Vermont Inc., Brattleboro, Windham	0	0	0	0	0	0	22,167	22,167	0
Rock-Tenn Co., Sheldon Springs, Franklin	**0**	**0**	**0**	**0**	**0**	**0**	**20,767**	**20,767**	**0**
G.S. Precision Inc., Brattleboro, Windham	0	0	0	0	0	16,524	15,308	31,832	0
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	**0**	**0**	**0**	**0**	**0**	**0**	**14,214**	**14,214**	**0**
GE Co., North Clarendon, Rutland	0	111,900	0	0	228,400	192,250	12,496	545,046	0
GE Co., Rutland, Rutland	**0**	**989,738**	**0**	**0**	**0**	**0**	**8,549**	**998,287**	**0**
US Samica Inc., Rutland, Rutland	0	0	0	0	164,686	34,500	8,200	207,386	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
IBM Corp., Essex Junction, Chittenden	**0.00**	**72,760.00**	**0.00**	**3.00**	**0.00**	**0.00**	**13,911.00**	**86,674.00**	**0.00**
GE Co., North Clarendon, Rutland	0.00	0.00	0.00	0.00	0.00	0.00	4,202.00	4,202.00	0.00
GE Co., Rutland, Rutland	**0.00**	**779,638.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,954.00**	**783,592.00**	**0.00**
Whitney Blake Co., Bellows Falls, Windham	0.00	536.00	0.00	0.00	0.00	0.00	536.00	1,072.00	0.00
Tivoly Inc., Derby Line, Orleans	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**264.00**	**264.00**	**0.00**
Stanley Tools, Pittsfield, Rutland	0.00	8.00	0.00	0.00	0.00	0.00	248.00	256.00	0.00
Nexus Custom Electronics Inc., Brandon, Rutland	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**236.00**	**236.00**	**0.00**
Belden Electronic Wire & Cable, Essex Junction, Chittenden	636.00	1,138.00	0.00	0.00	0.00	0.00	218.00	1,992.00	0.00
American Paper Mills of Vermont, Gilman, Essex	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**22.00**	**22.00**	**0.00**
Putney Paper Co., Putney, Windham	0.00	0.00	0.00	0.00	0.00	0.00	21.00	21.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

VIRGIN ISLANDS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	1,032,199
Air Emissions	892,660
Surface Water Discharges	132,256
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	7,283
Off-site Releases (Transfers Off-site to Disposal)*	6,419
Total On- and Off-site Releases	**1,038,618**
Recycled On-site	796,297
Recycled Off-site	121,886
Energy Recovery On-site	0
Energy Recovery Off-site	2,894
Treated On-site	22,964,543
Treated Off-site**	713
Quantity Released On- and Off-site***	1,035,223
Total Production-related Waste Managed	**24,921,556**
Non-production-related Waste Managed	**3,651**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	121,916
Energy Recovery	2,894
Treatment	713
Publicly Owned Treatment Works (POTWs)	0
Metals and Metal Category Compounds*	0
Non-metal TRI Chemicals**	0
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	6,682
Total Transfers Off-site for Further Waste Management, including Disposal	**132,205**

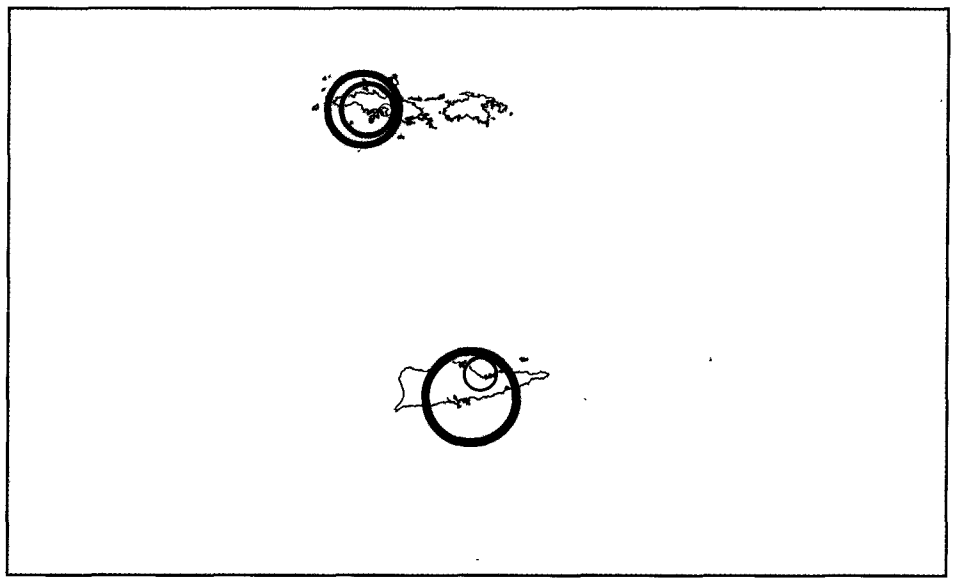
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Hollis L. Griffin
Cyril E. King Airport, Terminal Bldg.
St. Thomas, VI 00802
(340) 773-0565 (St. Croix)
(340) 774-3320 (St. Thomas)
Fax: (340) 773-9310/(340) 774-9549
hlgrif12@viaccess.net

EPA Regional Contact
Nora Lopez
USEPA Region 2 (MS- 105)
2890 Woodbridge Avenue Bldg. 10
Edison, NJ 08837-3679
(732) 906- 6890
Email: lopez.nora@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the map represents the largest facility for on-site releases in the Virgin Islands. All circles are proportionally-sized to represent the on-site releases at each facility within this territory.

State/TRI Data	
Population	108,612
Square Miles	134
Total Facilities	5
Total Forms	68
Form As	6

	Total
National Rank for Total On- and Off-site Releases*	
Rank	51
Pounds	1,038,618
National Rank for Total On-site Releases**	
Rank	50
Pounds	1,032,199
National Rank for Total Releases within State***	
Rank	50
Pounds	1,032,199
National Rank for Production-related Waste Managed	
Rank	49
Pounds	24,921,556

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

VIRGIN ISLANDS

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
463-58-1	**Carbonyl sulfide**	**422,074**	**0**	**0**	**0**	**0**	**422,074**	**0**	**0**	**0**
7664-41-7	Ammonia	77,675	42,154	0	0	0	119,829	0	0	0
108-95-2	**Phenol**	**76,793**	**2,186**	**0**	**0**	**0**	**78,979**	**0**	**0**	**0**
1330-20-7	Xylene (mixed isomers)	72,615	0	0	343	70	73,028	0	0	70
—	**Nitrate compounds**	**0**	**47,231**	**0**	**0**	**0**	**47,231**	**0**	**0**	**0**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Polycyclic aromatic compounds**	**2,460.03**	**1.00**	**0.00**	**0.00**	**2.00**	**2,463.03**	**0.00**	**0.00**	**2.00**
7439-92-1	Lead	140.00	0.00	0.00	53.00	398.00	591.00	0.00	0.00	398.00
—	**Lead compounds**	**463.00**	**0.00**	**0.00**	**0.00**	**0.00**	**463.00**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	10.00	0.00	0.00	50.00	141.00	201.00	0.00	0.00	141.00
—	**Mercury compounds**	**166.00**	**0.00**	**0.00**	**0.00**	**0.00**	**166.00**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	79.00	0.00	0.00	0.00	0.00	79.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*1.120*	*0.034*	*0.000*	*0.000*	*0.000*	*1.154*	*0.000*	*0.000*	*0.000*
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

VIRGIN ISLANDS

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Hovensa L.L.C., Christiansted, St Croix	**889,511**	**132,246**	**0**	**0**	**0**	**7,283**	**1,029,040**	**0**	**6,682**
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	1,504	0	0	0	0	0	1,504	0	0
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	**739**	**5**	**0**	**0**	**0**	**0**	**744**	**0**	**0**
Virgin Islands Water & Power Authority, Christiansted, St Croix	625	5	0	0	0	0	630	0	0
Texaco Carribean Inc. St. Thomas Bulk Terminal., Saint Thomas, St Thomas	**281**	**0**	**0**	**0**	**0**	**0**	**281**	**0**	**0**
—									
—									
—									
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—									

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Hovensa L.L.C., Christiansted, St Croix	2,062.00	1.00	0.00	0.00	0.00	103.00	2,166.00	0.00	541.00
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	689.00	0.00	0.00	0.00	0.00	0.00	689.00	0.00	0.00
Virgin Islands Water & Power Authority, Christiansted, St Croix	567.00	0.00	0.00	0.00	0.00	0.00	567.00	0.00	0.00
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	0.03	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
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* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

2001 Toxics Release Inventory

VIRGIN ISLANDS

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Hovensa L.L.C., Christiansted, St Croix	**796,297**	**121,886**	**0**	**2,894**	**22,934,533**	**713**	**1,032,069**	**24,888,392**	**3,651**
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	0	0	0	0	0	0	1,504	1,504	0
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	**0**	**0**	**0**	**0**	**19,685**	**0**	**740**	**20,425**	**0**
Virgin Islands Water & Power Authority, Christiansted, St Croix	0	0	0	0	10,325	0	626	10,951	0
Texaco Carribean Inc. St. Thomas Bulk Terminal., Saint Thomas, St Thomas	**0**	**0**	**0**	**0**	**0**	**0**	**284**	**284**	**0**
—									
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—									

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Hovensa L.L.C., Christiansted, St Croix	**0.00**	**131.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,706.00**	**2,837.00**	**0.00**
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	0.00	0.00	0.00	0.00	0.00	0.00	689.00	689.00	0.00
Virgin Islands Water & Power Authority, Christiansted, St Croix	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**567.00**	**567.00**	**0.00**
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

VIRGINIA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	70,615,561
Air Emissions	57,216,768
Surface Water Discharges	6,963,083
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	5
On-site Land Releases to RCRA Subtitle C Landfills	1,076
Other On-site Land Releases	6,434,629
Off-site Releases (Transfers Off-site to Disposal)*	9,168,292
Total On- and Off-site Releases	**79,783,853**
Recycled On-site	94,850,493
Recycled Off-site	27,992,872
Energy Recovery On-site	27,825,485
Energy Recovery Off-site	8,615,846
Treated On-site	140,163,993
Treated Off-site**	20,535,606
Quantity Released On- and Off-site***	79,923,229
Total Production-related Waste Managed	**399,907,524**
Non-production-related Waste Managed	**89,462**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	28,052,142
Energy Recovery	8,599,641
Treatment	2,840,108
Publicly Owned Treatment Works (POTWs)	17,805,646
Metals and Metal Category Compounds*	53,822
Non-metal TRI Chemicals**	17,751,825
Other Off-site Transfers****	505
Transfers Off-site to Disposal *(not including metals to POTWs)*	9,174,635
Total Transfers Off-site for Further Waste Management, including Disposal	**66,472,678**

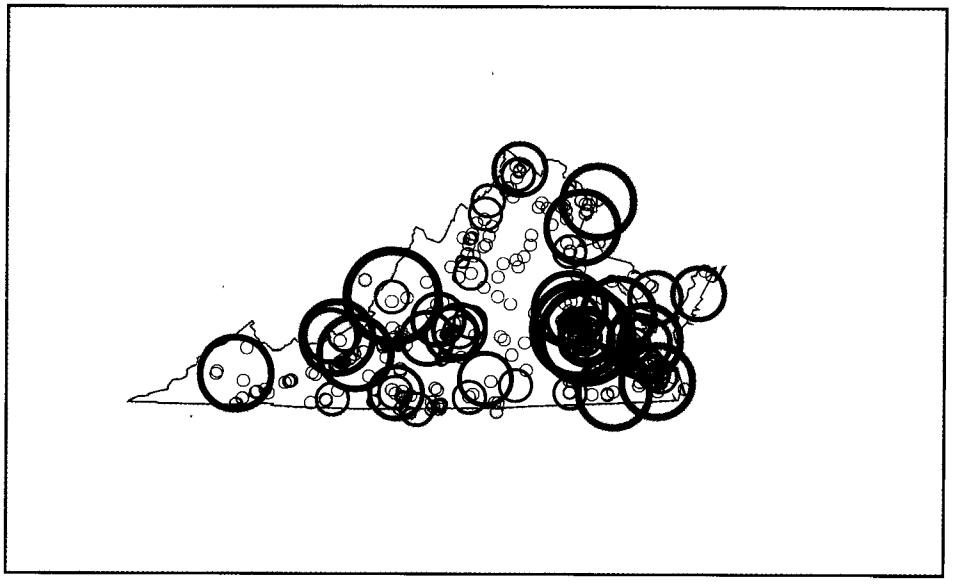
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code.

For More Information . . .

State Contact
Dona Huang
P.O. Box 10009
Richmond, VA 23240-0009
(804) 698-4489
Fax: (804) 698-4264
drhuang@deq.state.va.us

EPA Regional Contact
William Reilly
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814- 2072
reilly.william@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Virginia. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	7,196,750
Square Miles	39,598
Total Facilities	507
Total Forms	2,020
Form As	233

	Total
National Rank for Total On- and Off-site Releases*	
Rank	22
Pounds	79,783,853
National Rank for Total On-site Releases**	
Rank	22
Pounds	70,615,561
National Rank for Total Releases within State***	
Rank	22
Pounds	78,063,914
National Rank for Production-related Waste Managed	
Rank	22
Pounds	399,907,524

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

VIRGINIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**18,921,197**	**0**	**0**	**0**	**0**	**18,921,197**	**0**	**0**	**0**
67-56-1	Methanol	8,945,573	22,895	0	14,250	41,250	9,023,968	1,835	41,250	0
7664-41-7	**Ammonia**	**7,866,819**	**93,001**	**0**	**35,707**	**146,356**	**8,141,883**	**8,977**	**12,432**	**133,924**
—	Nitrate compounds	2,259	6,450,212	0	65,523	16,478	6,534,472	0	10,012	6,466
—	**Zinc compounds**	**112,681**	**25,675**	**0**	**1,021,023**	**3,917,713**	**5,077,092**	**88,754**	**3,828,867**	**88,846**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7439-92-1	**Lead**	**8,086.01**	**309.64**	**0.00**	**136,568.63**	**413,363.01**	**558,327.29**	**1.33**	**284,816.68**	**128,546.33**
—	Lead compounds	36,841.12	5,424.05	0.00	232,350.22	159,301.30	433,916.69	4,444.91	133,753.53	25,547.77
—	**Polycyclic aromatic compounds**	**9,105.33**	**43.94**	**0.00**	**7.18**	**163.04**	**9,319.49**	**7,365.10**	**162.29**	**0.75**
—	Mercury compounds	2,877.37	22.10	0.00	704.70	1,194.83	4,799.00	142.90	1,154.12	40.71
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**1.24**	**0.00**	**0.00**	**0.00**	**294.70**	**295.94**	**0.00**	**60.70**	**234.00**
7439-97-6	Mercury	40.20	0.00	0.00	3.00	42.83	86.02	0.00	32.76	10.07
191-24-2	**Benzo(g,h,i)perylene**	**35.03**	**5.00**	**0.00**	**0.32**	**17.57**	**57.91**	**16.00**	**11.97**	**5.60**
—	Dioxin and dioxin-like compounds	0.26	0.00	0.00	0.00	0.10	0.36	0.00	0.10	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***116.781***	***0.714***	***0.000***	***1.381***	***43.633***	***162.509***	***0.000***	***43.633***	***0.000***
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	**Methoxychlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	**Pendimethalin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

VIRGINIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chesterfield Power Station, Chester, Chesterfield	**4,889,638**	**23,983**	**0**	**0**	**0**	**1,375,009**	**6,288,630**	**0**	**0**
Westvaco of Virginia. Inc., Covington, Covington City	4,516,606	63,740	0	0	0	302,015	4,882,361	0	0
Honeywell Intl. Inc. Hopewell Plant, Hopewell, Hopewell City	**4,684,302**	**123,888**	**0**	**0**	**0**	**0**	**4,808,190**	**10,630**	**1,120**
Chesapeake Energy Center, Chesapeake, Chesapeake City	2,470,655	11,751	0	0	0	736,000	3,218,406	0	0
U.S. Army Radford Army Ammunition Plant, Radford, Radford City	**251,822**	**2,910,218**	**0**	**0**	**0**	**0**	**3,162,040**	**0**	**252**
International Paper-Franklin Mill, Franklin, Franklin City	2,793,629	84,065	0	0	0	0	2,877,694	533,938	0
Potomac River Generating Station, Alexandria, Alexandria City	**2,647,979**	**2,794**	**0**	**0**	**0**	**0**	**2,650,774**	**18**	**367,204**
Celanese Acetate Celco Plant, Narrows, Giles	2,374,649	79,383	0	0	0	71,182	2,525,214	0	541
American Electric Power Clinch River Plant, Cleveland, Russell	**2,152,283**	**2,081**	**0**	**0**	**0**	**335,592**	**2,489,956**	**0**	**4,487**
Yorktown Power Station, Yorktown, York	1,724,084	33,009	0	0	0	489,023	2,246,116	9,109	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Intermet Archer Creek Fndy., Lynchburg, Lynchburg City	**80.00**	**0.00**	**0.00**	**0.00**	**0.00**	**107,617.00**	**107,697.00**	**142,578.00**	**0.00**
U.S. Marine Corps Base Quantico Range Complex, Quantico, Prince William	540.00	0.00	0.00	0.00	0.00	51,942.00	52,482.00	0.00	0.00
Chesterfield Power Station, Chester, Chesterfield	**6,913.50**	**43.00**	**0.00**	**0.00**	**0.00**	**41,009.00**	**47,965.50**	**0.00**	**0.00**
Clover Power Station, Clover, Halifax	5,014.00	21.00	0.00	0.00	0.00	33,450.00	38,485.00	0.00	0.00
Chesapeake Energy Center, Chesapeake, Chesapeake City	**3,690.00**	**2.00**	**0.00**	**0.00**	**0.00**	**22,000.00**	**25,692.00**	**0.00**	**0.00**
U.S. Army Fort A.P. Hill Training Ranges DPTMS FAPH, Bowling Green, Caroline	675.00	59.58	0.00	0.00	0.00	22,224.63	22,959.20	0.00	0.00
Yorktown Power Station, Yorktown, York	**2,114.31**	**380.00**	**0.00**	**0.00**	**0.00**	**13,023.00**	**15,517.31**	**239.00**	**0.00**
American Electric Power Clinch River Plant, Cleveland, Russell	251.56	0.00	0.00	0.00	0.00	14,055.00	14,306.56	0.00	206.00
Possum Point Power Station, Dumfries, Prince William	**1,991.00**	**31.00**	**0.00**	**0.00**	**0.00**	**12,012.00**	**14,034.00**	**0.00**	**0.00**
Westvaco of Virginia. Inc., Covington, Covington City	706.70	470.20	0.00	0.00	0.00	12,078.30	13,255.21	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chesterfield Power Station, Chester, Chesterfield	**0**	**0**	**0**	**0**	**0**	**0**	**6,289,304**	**6,289,304**	**0**
Westvaco of Virginia. Inc., Covington, Covington City	0	0	573,800	0	20,089,560	0	4,862,316	25,525,676	0
Honeywell Intl. Inc. Hopewell Plant, Hopewell, Hopewell City	**1,757,485**	**0**	**2,004,738**	**14,380**	**1,285,840**	**594,526**	**4,819,690**	**10,476,659**	**0**
International Paper-Franklin Mill, Franklin, Franklin City	0	10	6,674,000	0	34,150,103	0	3,399,671	44,223,784	0
Roanoke Electric Steel Corp., Roanoke, Roanoke City	**0**	**0**	**0**	**0**	**0**	**0**	**3,253,855**	**3,253,855**	**0**
Chesapeake Energy Center, Chesapeake, Chesapeake City	0	0	0	0	520,000	0	3,222,290	3,742,290	0
U.S. Army Radford Army Ammunition Plant, Radford, Radford City	**37,000,000**	**771**	**0**	**0**	**2,890,036**	**0**	**3,162,292**	**43,053,099**	**1**
Potomac River Generating Station, Alexandria, Alexandria City	0	0	0	0	0	0	3,017,995	3,017,995	0
Celanese Acetate Celco Plant, Narrows, Giles	**0**	**11**	**975,962**	**1,674**	**115,923**	**134**	**2,525,420**	**3,619,124**	**0**
American Electric Power Clinch River Plant, Cleveland, Russell	0	18,600	0	0	427,000	0	2,498,202	2,943,802	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Intermet Archer Creek Fndy., Lynchburg, Lynchburg City	**2,638.00**	**18,507.00**	**0.00**	**0.00**	**0.00**	**0.00**	**250,408.00**	**271,553.00**	**0.00**
Roanoke Electric Steel Corp., Roanoke, Roanoke City	0.00	0.00	0.00	0.00	0.00	0.00	136,072.00	136,072.00	0.00
GE Winchester Lamp Plant, Winchester, Winchester City	**0.00**	**87,477.00**	**0.00**	**0.00**	**0.00**	**0.00**	**70,695.00**	**158,172.00**	**0.00**
Griffin Pipe Prods. Co., Lynchburg, Lynchburg City	0.00	282.00	0.00	0.00	0.00	0.00	56,274.00	56,556.00	0.00
U.S. Marine Corps Base Quantico Range Complex, Quantico, Prince William	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**52,482.00**	**52,482.00**	**0.00**
Chesterfield Power Station, Chester, Chesterfield	0.00	0.00	0.00	0.00	0.00	0.00	49,304.00	49,304.00	0.00
Clover Power Station, Clover, Halifax	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**38,470.00**	**38,470.00**	**0.00**
Chesapeake Energy Center, Chesapeake, Chesapeake City	0.00	0.00	0.00	0.00	0.00	0.00	26,290.00	26,290.00	0.00
Emporia Fndy. Inc., Emporia, Emporia City	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**25,860.00**	**25,860.00**	**0.00**
Times Fiber Communications Inc., Chatham, Pittsylvania	0.00	845.00	0.00	0.00	0.00	0.00	25,146.00	25,991.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

WASHINGTON

Reported Releases and Other Waste Management Activities (in pounds)

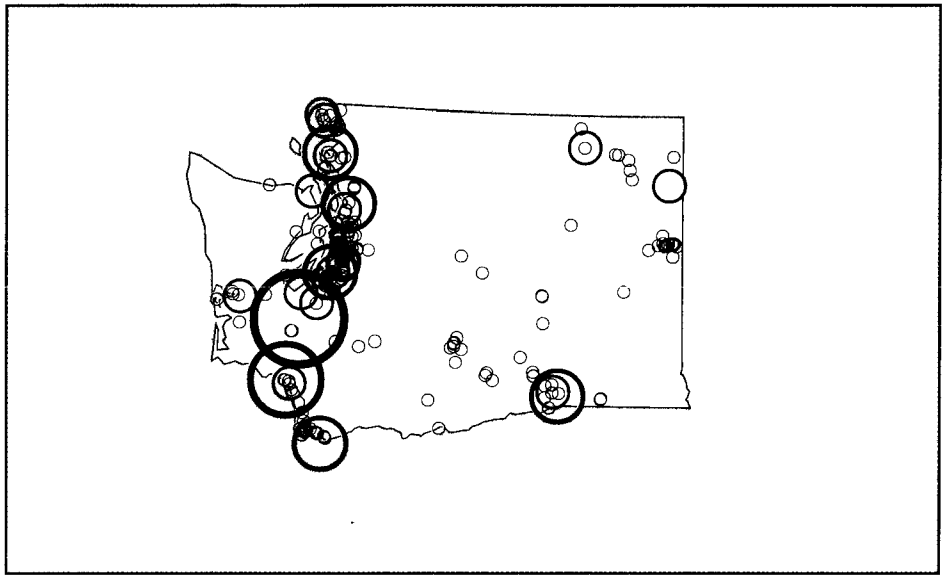
	Total
On-site Releases	21,521,207
Air Emissions	14,295,076
Surface Water Discharges	2,123,223
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	6
On-site Land Releases to RCRA Subtitle C Landfills	6,109
Other On-site Land Releases	5,096,793
Off-site Releases (Transfers Off-site to Disposal)*	2,371,067
Total On- and Off-site Releases	**23,892,274**
Recycled On-site	12,662,851
Recycled Off-site	9,974,266
Energy Recovery On-site	11,916,690
Energy Recovery Off-site	2,561,137
Treated On-site	64,744,283
Treated Off-site**	4,485,227
Quantity Released On- and Off-site***	26,302,988
Total Production-related Waste Managed	**132,647,442**
Non-production-related Waste Managed	**250,693**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	9,863,465
Energy Recovery	3,231,992
Treatment	1,262,050
Publicly Owned Treatment Works (POTWs)	3,718,514
Metals and Metal Category Compounds*	2,091
Non-metal TRI Chemicals**	3,716,423
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	2,712,137
Total Transfers Off-site for Further Waste Management, including Disposal	**20,788,158**

* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site

** Transfers to POTWs of non-metals are included in treated off-site waste management activity

*** Excludes non-production-related releases; e g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code



The largest circle in the state map represents the largest facility for on-site releases in the state of Washington All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,993,390
Square Miles	66,581
Total Facilities	347
Total Forms	1,218
Form As	158

	Total
National Rank for Total On- and Off-site Releases*	
Rank	40
Pounds	23,892,274
National Rank for Total On-site Releases**	
Rank	38
Pounds	21,521,207
National Rank for Total Releases within State***	
Rank	40
Pounds	23,344,943
National Rank for Production-related Waste Managed	
Rank	35
Pounds	132,647,442

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility Excludes amounts transferred to other sites

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

For More Information . . .

State Contact
Idell Hansen
P.O. Box 47659
Olympia, WA 98504-7659
(360) 407-6727
Fax: (360) 407-6715
ihan461@ecy.wa.gov

EPA Regional Contact
Christina Colt
USEPA Region 10 (WCM-128)
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-4016
colt.christina@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov

2001 Toxics Release Inventory

WASHINGTON

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
67-56-1	Methanol	3,330,327	275,015	0	13,310	1,290	3,619,942	0	1,290	0
—	Barium compounds	426	9,842	0	2,373,027	293,251	2,676,546	0	184,340	108,911
7664-93-9	Sulfuric acid	1,819,635	0	0	0	0	1,819,635	0	0	0
7647-01-0	Hydrochloric acid	1,747,776	0	0	0	0	1,747,776	0	0	0
—	Manganese compounds	7,587	215,721	0	1,061,589	365,374	1,650,271	0	300,772	64,602

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	Polycyclic aromatic compounds	22,044.72	277.90	0.00	452.07	370,809.21	393,583.90	4.70	175.91	370,633.30
—	Lead compounds	6,548.44	5,527.52	0.00	204,248.72	126,345.86	342,670.53	2,393.94	69,809.37	56,536.49
7439-92-1	Lead	1,245.38	1,403.34	6.10	40,551.63	96,300.39	139,506.85	21,918.08	66,886.89	29,413.70
191-24-2	Benzo(g,h,i)perylene	767.40	14.10	0.00	12.30	14,201.13	14,994.93	2.00	7.09	14,194.04
79-94-7	Tetrabromobisphenol A	956.00	0.00	0.00	0.00	673.00	1,629.00	0.00	0.00	673.00
—	Mercury compounds	174.88	9.72	0.00	203.05	547.79	935.45	158.97	193.64	354.15
7439-97-6	Mercury	344.83	0.36	0.00	156.01	10.20	511.40	0.00	10.10	0.10
—	Dioxin and dioxin-like compounds	0.08	0.06	0.00	0.05	0.20	0.39	0.00	0.19	0.01
—	*Dioxin and dioxin-like compounds (in grams)*	*37.062*	*27.922*	*0.000*	*21.268*	*91.243*	*177.496*	*0.000*	*84.563*	*6.680*
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

WASHINGTON

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Transalta Centralia Generation/Mining, Centralia, Lewis	**523,640**	**655**	**0**	**0**	**0**	**4,398,692**	**4,922,987**	**156,937**	**0**
Weyerhaeuser Co., Longview, Cowlitz	2,247,429	96,263	0	0	0	0	2,343,692	106,501	0
Tesoro Refining & Marketing Co., Anacortes, Skagit	**1,439,176**	**1,751**	**0**	**0**	**0**	**1,697**	**1,442,624**	**6**	**99**
Fort James Camas L.L.C., Camas, Clark	1,078,979	88,517	0	0	1,255	43,050	1,211,801	0	38,011
Boise Cascade Paper Div., Wallula, Walla Walla	**913,841**	**101,965**	**0**	**0**	**0**	**20,024**	**1,035,831**	**0**	**7**
Kimberly-Clark Corp., Everett, Snohomish	460,702	510,178	0	0	0	32,162	1,003,043	97,004	0
Simpson Tacoma Kraft Co., Tacoma, Pierce	**687,330**	**106,400**	**0**	**0**	**0**	**0**	**793,730**	**566**	**0**
Agrium Kennewick Fertilizer Ops., Kennewick, Benton**	670,865	32,200	0	0	0	86,405	789,470	0	125,090
Longview Fibre Co., Longview, Cowlitz	**503,650**	**167,423**	**0**	**0**	**0**	**0**	**671,073**	**149,902**	**0**
Port Townsend Paper Corp., Port Townsend, Jefferson	510,571	36,620	0	0	0	68,476	615,667	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
U.S. Army Fort Lewis Range Facility, Fort Lewis, Pierce	**235.00**	**0.00**	**0.00**	**0.00**	**0.00**	**82,726.00**	**82,961.00**	**0.00**	**0.00**
Transalta Centralia Generation/Mining, Centralia, Lewis	270.18	4.90	0.00	0.00	0.00	56,272.22	56,547.30	389.00	0.00
Kettle River Ops. Mill, Republic, Ferry	**1.60**	**0.00**	**0.00**	**0.00**	**0.00**	**43,000.00**	**43,001.60**	**0.00**	**0.00**
U.S. Navy Puget Sound Naval Shipyard, Bremerton, Kitsap	2.00	589.00	0.00	0.00	0.00	17,468.00	18,059.00	62,831.00	25,161.00
U.S. Army Yakima Training Center Range Ops., Yakima, Yakima	**360.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14,114.00**	**14,474.00**	**0.00**	**0.00**
U.S. DOE Hanford Site, Richland, Benton	5.00	0.50	0.00	0.00	3,880.00	7,600.00	11,485.50	0.00	197.90
Northwest Alloys Inc., Addy, Stevens	**13.00**	**0.00**	**0.00**	**0.00**	**0.00**	**9,367.00**	**9,380.00**	**0.00**	**37.00**
Longview Aluminum L.L.C., Longview, Cowlitz	7,989.40	118.70	0.00	0.00	0.00	0.00	8,108.10	9.10	367,111.00
Kimberly-Clark Corp., Everett, Snohomish	**8.30**	**4,417.24**	**0.00**	**0.00**	**0.00**	**617.02**	**5,042.55**	**1,860.35**	**0.00**
Lamefoot Mine, Republic, Ferry	0.10	0.00	0.00	0.00	0.00	4,247.90	4,248.00	0.00	0.00

* *The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.*

** The reports for one facility, Agrium Kennewick Fertilizer Ops. in Kennewick, were omitted from the database due to an EPA data processing error. They have been included in this table, but not in the other tables in this report.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Transalta Centralia Generation/Mining, Centralia, Lewis	**0**	**0**	**0**	**0**	**73,921**	**0**	**5,446,118**	**5,520,039**	**0**
Weyerhaeuser Co., Longview, Cowlitz	1,000	0	0	0	7,856,450	0	2,413,426	10,270,876	100
Emerald Services Inc., Tacoma, Pierce	**307,710**	**0**	**0**	**1,976,707**	**0**	**0**	**2,284,417**	**4,568,834**	**0**
Tesoro Refining & Marketing Co., Anacortes, Skagit	345,167	0	2,377,256	0	680,202	606	1,434,672	4,837,903	0
Fort James Camas L.L.C., Camas, Clark	**0**	**0**	**0**	**0**	**11,914,000**	**116**	**1,325,081**	**13,239,197**	**0**
Boise Cascade Paper Div., Wallula, Walla Walla	0	0	29,000	0	9,621,269	0	1,143,974	10,794,243	0
Kimberly-Clark Corp., Everett, Snohomish	**0**	**0**	**190,904**	**0**	**5,951,692**	**0**	**1,100,007**	**7,242,603**	**0**
Agrium Kennewick Fertilizer Ops., Kennewick, Benton**	0	0	0	0	0	0	829,590	829,590	0
Longview Fibre Co., Longview, Cowlitz	**14,000**	**0**	**200,420**	**0**	**8,136,400**	**0**	**821,411**	**9,172,231**	**0**
Simpson Tacoma Kraft Co., Tacoma, Pierce	0	0	313,000	0	5,013,679	0	793,567	6,120,246	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Longview Aluminum L.L.C., Longview, Cowlitz	**0.00**	**165.00**	**0.00**	**0.00**	**0.00**	**272.00**	**375,227.00**	**375,664.00**	**0.00**
U.S. Navy Puget Sound Naval Shipyard, Bremerton, Kitsap	0.00	0.00	0.00	0.00	0.00	0.00	88,583.00	88,583.00	17,468.00
U.S. Army Fort Lewis Range Facility, Fort Lewis, Pierce	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**82,961.00**	**82,961.00**	**0.00**
Transalta Centralia Generation/Mining, Centralia, Lewis	0.00	0.00	0.00	0.00	0.00	0.00	56,944.00	56,944.00	0.00
Bay Zinc Co. Inc., Moxee City, Yakima	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**48,742.00**	**48,742.00**	**0.00**
Kettle River Ops. Mill, Republic, Ferry	0.00	0.00	0.00	0.00	0.00	0.00	43,000.00	43,000.00	0.00
Burlington Environmental Inc., Seattle, King	**0.00**	**390,717.00**	**0.00**	**0.00**	**0.00**	**0.00**	**35,464.00**	**426,181.00**	**0.00**
City of Tacoma Steam Plant No. 2, Tacoma, Pierce	0.00	0.00	0.00	0.00	0.00	0.00	18,112.00	18,112.00	0.00
ETNW Corp., Redmond, King	**0.00**	**15,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**15,000.00**	**30,000.00**	**0.00**
U.S. Army Yakima Training Center Range Ops., Yakima, Yakima	0.00	0.00	0.00	0.00	0.00	0.00	14,474.00	14,474.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

** The reports for one facility, Agrium Kennewick Fertilizer Ops. in Kennewick, were omitted from the database due to an EPA data processing error. They have been included in this table, but not in the other tables in this report.

2001 Toxics Release Inventory

WEST VIRGINIA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	74,723,651
Air Emissions	59,430,131
Surface Water Discharges	3,788,537
Underground Injection Class I Wells	14,397
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	5,484
Other On-site Land Releases	11,485,102
Off-site Releases (Transfers Off-site to Disposal)*	5,416,357
Total On- and Off-site Releases	**80,140,007**
Recycled On-site	39,403,298
Recycled Off-site	7,317,538
Energy Recovery On-site	33,525,628
Energy Recovery Off-site	11,401,247
Treated On-site	168,522,361
Treated Off-site**	6,481,176
Quantity Released On- and Off-site***	80,107,693
Total Production-related Waste Managed	**346,758,940**
Non-production-related Waste Managed	**1,226,288**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	7,235,428
Energy Recovery	11,475,188
Treatment	3,560,682
Publicly Owned Treatment Works (POTWs)	2,874,212
Metals and Metal Category Compounds*	58,406
Non-metal TRI Chemicals**	2,815,806
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,486,759
Total Transfers Off-site for Further Waste Management, including Disposal	**30,632,270**

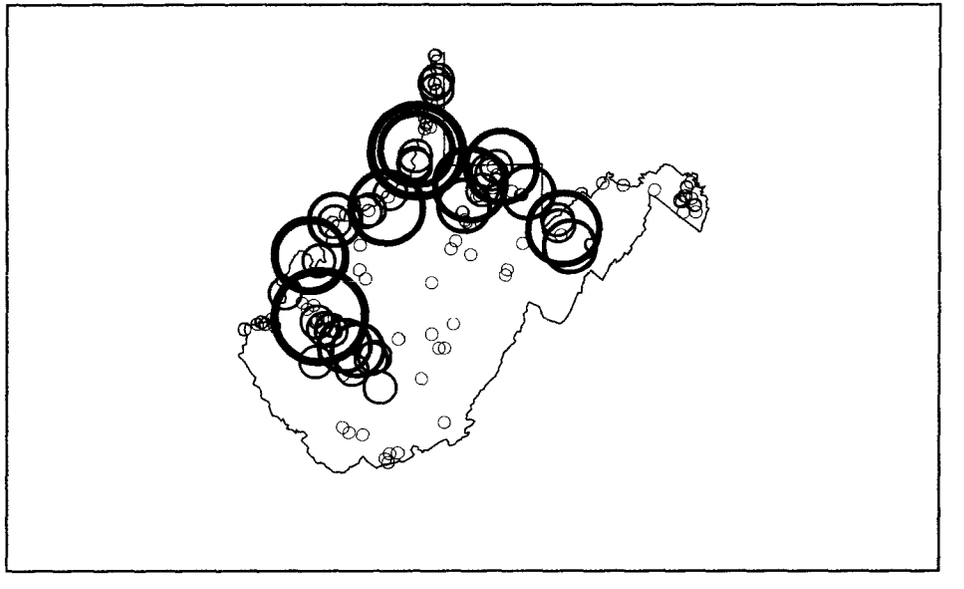
* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
*** Excludes non-production-related releases, e.g. releases due to catastrophic events or remedial actions.
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Stephen Kappa
1900 Kanawha Blvd., Building 1,
Room EB-80
Charleston, WV 25305-0360
(304) 558-5380
skappa1@wvoes.state.wv.us

EPA Regional Contact
William Reilly
USEPA Region 3 (3WC33)
1650 Arch Street
Philadelphia, PA 19103-2029
(215) 814- 2072
reilly.william@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of West Virginia All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	1,800,975
Square Miles	24,087
Total Facilities	188
Total Forms	1,058
Form As	55

	Total
National Rank for Total On- and Off-site Releases*	
Rank	21
Pounds	80,140,007
National Rank for Total On-site Releases**	
Rank	20
Pounds	74,723,651
National Rank for Total Releases within State***	
Rank	21
Pounds	79,825,086
National Rank for Production-related Waste Managed	
Rank	27
Pounds	346,758,940

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
** Includes amounts released at the facility. Excludes amounts transferred to other sites.
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

WEST VIRGINIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	42,836,845	1,280	0	0	142,174	42,980,299	2,862	0	142,174
7664-93-9	Sulfuric acid	5,057,462	0	0	0	0	5,057,462	0	0	0
—	Barium compounds	62,139	25,779	0	3,432,783	974,133	4,494,834	5,907	909,421	64,712
7664-39-3	Hydrogen fluoride	3,722,619	19,090	0	0	0	3,741,709	0	0	0
—	Nitrate compounds	0	2,443,433	0	3,696	0	2,447,129	0	0	0

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	Lead compounds	11,215.39	1,963.31	0.00	1,365,667.42	156,955.03	1,535,801.15	2,388.84	147,089.53	9,865.50
7439-92-1	Lead	4,098.98	26,023.30	0.00	495,943.00	4,685.48	530,750.76	169.00	1,937.48	2,748.00
—	Polycyclic aromatic compounds	21,416.25	72.23	0.00	0.00	282,692.70	304,181.18	0.10	271,903.70	10,789.00
191-24-2	Benzo(g,h,i)perylene	844.71	0.15	0.00	0.00	36,735.89	37,580.75	0.00	36,573.69	162.20
7439-97-6	Mercury	1,475.17	160.01	0.00	2,553.91	16,677.56	20,866.65	0.00	19.21	16,658.35
—	Mercury compounds	4,806.42	5.00	0.00	2,628.22	1,067.70	8,507.34	136.40	755.80	311.90
79-94-7	Tetrabromobisphenol A	2.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.12	0.01	0.00	0.00	0.00	0.13	0.00	0.00	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*52.237*	*2.806*	*0.000*	*0.000*	*2.134*	*57.178*	*0.000*	*1.714*	*0.420*
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

WEST VIRGINIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
American Electric Power John E. Amos Plant, Winfield, Putnam	**10,343,078**	**5,999**	**0**	**0**	**0**	**587,825**	**10,936,902**	**1,255,621**	**802**
American Electric Power Mitchell Plant, Moundsville, Marshall	9,166,044	12,770	0	0	0	1,267,933	10,446,747	4,972	0
Allegheny Energy Inc. Fort Martin Power Station, Maidsville, Monongalia	**5,758,425**	**645**	**0**	**0**	**0**	**47,032**	**5,806,102**	**0**	**0**
Mt. Storm Power Station, Mount Storm, Grant	3,907,869	1,636	0	0	0	1,631,090	5,540,595	0	22,810
American Electric Power Mountaineer Plant, New Haven, Mason	**4,022,973**	**3,433**	**0**	**0**	**0**	**826,903**	**4,853,309**	**20,042**	**1,187**
American Electric Power. Philip Sporn Plant, New Haven, Mason	3,813,053	5,224	0	0	0	956,978	4,775,255	0	2,561
American Electric Power Kammer Plant, Moundsville, Marshall	**3,787,408**	**42,400**	**0**	**0**	**0**	**291,217**	**4,121,025**	**1,872**	**1,900**
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	2,401,439	8,868	0	0	0	1,441,640	3,851,947	0	0
American Bituminous Power Partners L.P., Grant Town, Marion	**1,126,378**	**0**	**0**	**0**	**0**	**2,384,170**	**3,510,548**	**901,100**	**0**
American Electric Power Kanawha River Plant, Glasgow, Kanawha	2,091,402	6,750	0	0	0	40	2,098,192	340,774	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases							Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Total On-site Releases* Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
American Bituminous Power Partners L.P., Grant Town, Marion	**120.12**	**0.00**	**0.00**	**0.00**	**0.00**	**1,000,170.00**	**1,000,290.12**	**62,100.00**	**0.00**
Patriot Mining Co. Inc. Guston Run Mine, Pursglove, Monongalia	0.00	12,578.00	0.00	0.00	0.00	251,562.00	264,140.00	0.00	0.00
Patriot Mining Co. Inc. Metz Mine, Star City, Monongalia	**1.00**	**13,570.00**	**0.00**	**0.00**	**0.00**	**233,397.00**	**246,968.00**	**0.00**	**0.00**
U.S. Steel Mining Co. L.L.C. Pinnacle Sys., Pineville, Wyoming	1.80	0.00	0.00	0.00	0.00	110,560.00	110,561.80	0.00	0.00
Mt. Storm Power Station, Mount Storm, Grant	**8,304.00**	**10.00**	**0.00**	**0.00**	**0.00**	**48,090.00**	**56,404.00**	**0.00**	**212.00**
American Electric Power Mitchell Plant, Moundsville, Marshall	593.10	10.00	0.00	0.00	0.00	45,732.00	46,335.10	3,305.00	0.00
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	**658.00**	**7.40**	**0.00**	**0.00**	**0.00**	**34,440.00**	**35,105.40**	**0.00**	**0.00**
American Electric Power. Philip Sporn Plant, New Haven, Mason	622.10	0.00	0.00	0.00	0.00	32,483.00	33,105.10	0.00	900.00
American Electric Power Mountaineer Plant, New Haven, Mason	**542.30**	**0.00**	**0.00**	**0.00**	**0.00**	**30,642.00**	**31,184.30**	**2.00**	**67.00**
American Electric Power John E. Amos Plant, Winfield, Putnam	904.89	36.00	0.00	0.00	0.00	21,553.00	22,493.89	48,601.00	642.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
American Electric Power John E. Amos Plant, Winfield, Putnam	**0**	**244,000**	**0**	**0**	**2,077,000**	**0**	**12,188,205**	**14,509,205**	**0**
American Electric Power Mitchell Plant, Moundsville, Marshall	0	66,507	0	0	974,000	0	10,446,393	11,486,900	0
Allegheny Energy Inc. Fort Martin Power Station, Maidsville, Monongalia	**0**	**0**	**0**	**0**	**0**	**0**	**5,799,680**	**5,799,680**	**0**
Mt. Storm Power Station, Mount Storm, Grant	0	0	0	0	3,680,184	0	5,575,504	9,255,688	0
American Electric Power Mountaineer Plant, New Haven, Mason	**0**	**34,400**	**0**	**0**	**560,000**	**0**	**4,862,002**	**5,456,402**	**0**
American Electric Power. Philip Sporn Plant, New Haven, Mason	0	34,407	0	0	1,237,000	0	4,781,702	6,053,109	0
American Electric Power Kammer Plant, Moundsville, Marshall	**0**	**29,406**	**0**	**0**	**1,523,000**	**0**	**4,122,742**	**5,675,148**	**0**
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	0	0	0	0	8,990,000	0	3,854,280	12,844,280	0
American Bituminous Power Partners L.P., Grant Town, Marion	**0**	**0**	**0**	**0**	**497,200**	**0**	**3,515,300**	**4,012,500**	**0**
American Electric Power Kanawha River Plant, Glasgow, Kanawha	0	15,930	0	0	776,000	0	2,436,231	3,228,161	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Koppers Inds. Follansbee Tar Plant, Follansbee, Brooke	**3,460.00**	**0.00**	**0.00**	**0.00**	**1,900.00**	**0.00**	**306,000.00**	**311,360.00**	**0.00**
Patriot Mining Co. Inc. Guston Run Mine, Pursglove, Monongalia	0.00	0.00	0.00	0.00	0.00	0.00	264,139.00	264,139.00	0.00
Patriot Mining Co. Inc. Metz Mine, Star City, Monongalia	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**233,398.00**	**233,398.00**	**0.00**
American Bituminous Power Partners L.P., Grant Town, Marion	0.00	0.00	0.00	0 00	0.00	0.00	160,300.00	160,300.00	0.00
U.S. Steel Mining Co. L.L.C. Pinnacle Sys., Pineville, Wyoming	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**110,560.00**	**110,560.00**	**0.00**
American Electric Power John E. Amos Plant, Winfield, Putnam	0.00	0.00	0.00	0.00	0.00	0.00	72,305.00	72,305.00	0.00
Mt. Storm Power Station, Mount Storm, Grant	**0.00**	**0.00**	**0.00**	**0.00**	**184.00**	**0.00**	**56,504.00**	**56,688.00**	**0.00**
American Electric Power Mitchell Plant, Moundsville, Marshall	0.00	7.00	0.00	0.00	0.00	0.00	49,593.00	49,600.00	0.00
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**34,780.00**	**34,780.00**	**0.00**
American Electric Power. Philip Sporn Plant, New Haven, Mason	0.00	5.00	0.00	0.00	0.00	0.00	33,602.00	33,607.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases.

2001 Toxics Release Inventory

WISCONSIN

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	32,087,466
Air Emissions	25,139,472
Surface Water Discharges	4,033,349
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	43,034
Other On-site Land Releases	2,871,611
Off-site Releases (Transfers Off-site to Disposal)*	14,721,061
Total On- and Off-site Releases	**46,808,527**
Recycled On-site	35,376,355
Recycled Off-site	50,653,416
Energy Recovery On-site	12,651,183
Energy Recovery Off-site	19,038,396
Treated On-site	114,303,043
Treated Off-site**	13,600,784
Quantity Released On- and Off-site***	48,914,984
Total Production-related Waste Managed	**294,538,161**
Non-production-related Waste Managed	**124,326**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	50,344,947
Energy Recovery	18,654,747
Treatment	8,224,804
Publicly Owned Treatment Works (POTWs)	5,909,611
Metals and Metal Category Compounds*	47,015
Non-metal TRI Chemicals**	5,862,596
Other Off-site Transfers****	6,882
Transfers Off-site to Disposal *(not including metals to POTWs)*	16,149,098
Total Transfers Off-site for Further Waste Management, including Disposal	**99,290,088**

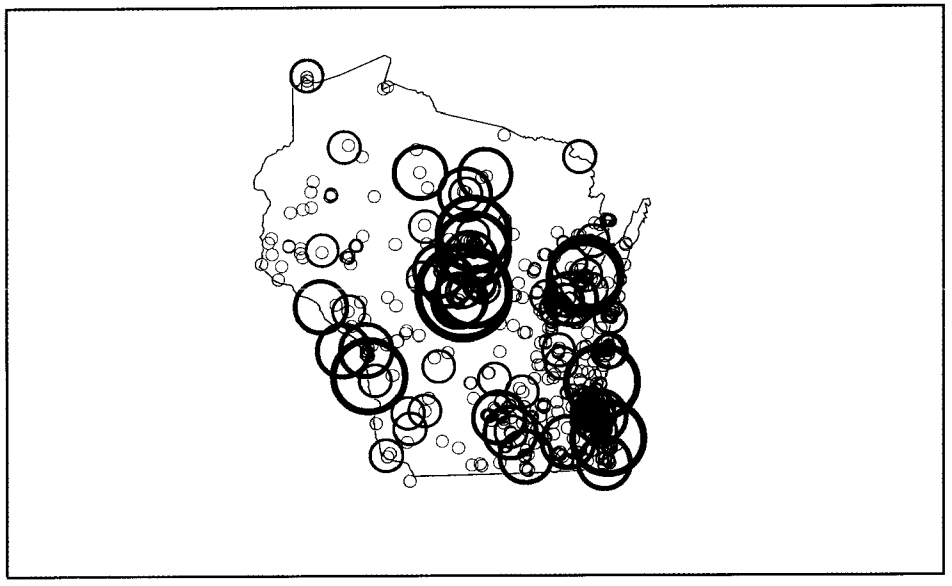
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases; e g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Michael T. Neuman
101 South Webster Street
P.O. Box 7921
Madison, WI 53707-7921
(608) 266-5428
michael.neuman@dnr.state.wi.us

EPA Regional Contact
Thelma Codina
USEPA Region 5 (DT- 8J)
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886- 6219
codina.thelma@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Wisconsin. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,405,947
Square Miles	54,314
Total Facilities	931
Total Forms	3,080
Form As	352

	Total
National Rank for Total On- and Off-site Releases*	
Rank	28
Pounds	46,808,527
National Rank for Total On-site Releases**	
Rank	31
Pounds	32,087,466
National Rank for Total Releases within State***	
Rank	28
Pounds	48,963,278
National Rank for Production-related Waste Managed	
Rank	29
Pounds	294,538,161

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.

2001 Toxics Release Inventory

WISCONSIN

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
7647-01-0	**Hydrochloric acid**	**6,301,534**	**0**	**0**	**0**	**0**	**6,301,534**	**0**	**0**	**0**
67-56-1	Methanol	4,615,486	70,494	0	19,169	4,085	4,709,234	96	4,085	0
—	**Zinc compounds**	**56,022**	**4,975**	**0**	**192,559**	**4,369,991**	**4,623,547**	**947,604**	**3,282,247**	**1,087,744**
—	Nitrate compounds	620	3,681,739	0	255,018	464,707	4,402,084	5,344	464,707	0
—	**Barium compounds**	**42,564**	**8,130**	**0**	**1,493,087**	**2,582,125**	**4,125,906**	**168,108**	**1,653,946**	**928,179**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**25,633.62**	**3,877.82**	**0.00**	**78,219.31**	**284,841.98**	**392,572.73**	**288,961.58**	**233,918.88**	**61,923.52**
7439-92-1	Lead	16,502.46	91.69	0.00	3,990.31	97,166.10	117,750.55	2,956.80	91,598.21	5,567.89
—	**Mercury compounds**	**3,083.39**	**5.60**	**0.00**	**207.39**	**436.16**	**3,732.54**	**1,652.48**	**376.76**	**59.40**
—	Polycyclic aromatic compounds	1,481.11	44.70	0.00	49.62	1,512.65	3,088.08	189.00	1,471 67	40.98
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**635.00**	**635.00**	**1,270.00**	**0.00**	**635.00**	**0.00**
7439-97-6	Mercury	319.72	0.32	0.00	17.90	647.84	985.78	5.12	82.84	565.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**2.15**	**0.00**	**0.00**	**0.00**	**79.00**	**81.15**	**1,295.00**	**79.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	11.80	0.00	0 00	2.06	25.01	38.86	9 27	22.65	2.36
—	**Dioxin and dioxin-like compounds**	**0.11**	**0.01**	**0.00**	**0.01**	**0.02**	**0.15**	**0.01**	**0.02**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*51 997*	*2.763*	*0 000*	*2.354*	*8.726*	*65.839*	*5 036*	*8.726*	*0.000*
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column

*** No reports were submitted for these chemicals

2001 Toxics Release Inventory

WISCONSIN

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	**2,705,037**	**1,400**	**0**	**0**	**0**	**184,542**	**2,890,979**	**95,885**	**0**
Fort James Operating Co., Green Bay, Brown	914,937	460,552	0	0	0	0	1,375,489	62,446	0
Port Washington Power Plant, Port Washington, Ozaukee	**1,264,193**	**82**	**0**	**0**	**0**	**0**	**1,264,275**	**8,781**	**5,455**
Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon	223,671	955,516	0	0	0	0	1,179,187	121	0
Dairyland Power Co-Op. Genoa Site, Genoa, Vernon	**1,103,363**	**17**	**0**	**0**	**0**	**123**	**1,103,503**	**171,014**	**0**
Pulliam Power Plant, Green Bay, Brown	198,141	71	0	0	0	662,339	860,551	0	0
Oak Creek Power Plant, Oak Creek, Milwaukee	**648,911**	**6,301**	**0**	**0**	**0**	**191,663**	**846,875**	**201,652**	**827,630**
Weston Power Plant, Rothschild, Marathon	222,689	8	0	0	0	608,444	831,140	0	0
McCain Foods USA Inc., Plover, Portage	**5,585**	**798,625**	**0**	**0**	**0**	**0**	**804,210**	**0**	**0**
Domtar A.W. Corp Nekoosa Mill, Nekoosa, Wood	455,377	205,710	0	0	0	49,633	710,721	9,233	32,004

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
3M Wausau Greystone, Wausau, Marathon	**8.60**	**20.00**	**0.00**	**0.00**	**0.00**	**25,000.00**	**25,028.60**	**0.00**	**0.00**
U.S. Army Fort McCoy, Fort McCoy, Monroe	153.70	0.00	0.00	0.00	0.00	19,604.00	19,757.70	0.00	0.00
Kohler Co. Cast Iron Div., Kohler, Sheboygan	**8,219.00**	**9.85**	**0.00**	**0.00**	**0.00**	**0.00**	**8,228.85**	**5,987.29**	**1.66**
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	332.20	0.00	0.00	0.00	0.00	7,541.70	7,873 90	6,084.90	0.00
Pulliam Power Plant, Green Bay, Brown	**280.90**	**4.70**	**0.00**	**0.00**	**0.00**	**6,339.20**	**6,624.80**	**0.00**	**0.00**
Western Lime Corp. Green Bay Facility, Green Bay, Brown	6,065.20	0.00	0.00	0.00	0 00	0.00	6,065.20	0.00	0.00
Weston Power Plant, Rothschild, Marathon	**291.80**	**2.60**	**0.00**	**0.00**	**0.00**	**4,943.60**	**5,238.00**	**0.00**	**0.00**
Western Lime Corp. Eden Facility, Eden, Fond du Lac	4,331.47	0 00	0.00	0.00	0.00	0.00	4,331.47	0.00	0.00
International Paper Kaukauna Facility, Kaukauna, Outagamie	**137.40**	**17.91**	**0.00**	**0.00**	**0.00**	**3,945.65**	**4,100.96**	**0.00**	**0.00**
Manitowoc Public Utilities, Manitowoc, Manitowoc	4,080.31	0.00	0.00	0.00	0.00	0.00	4,080.31	1,238 10	22.40

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state

2001 Toxics Release Inventory

WISCONSIN

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	**0**	**0**	**2,067,970**	**0**	**2,200,000**	**6,456,540**	**2,986,309**	**13,710,819**	**0**
Waupaca Fndy. Inc. Plant 2/3, Waupaca, Waupaca	0	685,680	0	0	105,400	6,394	2,154,421	2,951,895	0
Charter Steel - Saukville, Saukville, Ozaukee	**0**	**952,653**	**0**	**0**	**200,000**	**191,000**	**1,937,400**	**3,281,053**	**2,800**
Oak Creek Power Plant, Oak Creek, Milwaukee	0	0	0	0	0	0	1,841,958	1,841,958	0
Fort James Operating Co., Green Bay, Brown	**0**	**0**	**292**	**0**	**273,100**	**0**	**1,437,712**	**1,711,104**	**0**
Neenah Fndy. Co., Neenah, Winnebago	0	0	0	0	0	0	1,349,054	1,349,054	0
Edgewater Generating Station, Sheboygan, Sheboygan	**0**	**0**	**0**	**0**	**15,000**	**0**	**1,327,631**	**1,342,631**	**0**
Port Washington Power Plant, Port Washington, Ozaukee	0	0	0	0	0	0	1,278,511	1,278,511	0
Dairyland Power Co-Op. Genoa Site, Genoa, Vernon	**0**	**0**	**0**	**0**	**0**	**0**	**1,274,777**	**1,274,777**	**0**
Wausau-Mosinee Paper Corp Brokaw Mill, Brokaw, Marathon	0	0	0	0	751,091	0	1,179,307	1,930,398	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Waupaca Fndy. Inc. Plant 2/3, Waupaca, Waupaca	**0.00**	**1,250.00**	**0.00**	**0.00**	**0.00**	**0.00**	**81,150.00**	**82,400.00**	**0.00**
Waupaca Fndy. Inc. Plant 1, Waupaca, Waupaca	0.00	0.00	0.00	0.00	0.00	0.00	62,700.00	62,700.00	0.00
Neenah Fndy. Co., Neenah, Winnebago	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**45,854.00**	**45,854.00**	**0.00**
Charter Steel - Saukville, Saukville, Ozaukee	0.00	3.00	0.00	0.00	0.00	0.00	29,000.00	29,003.00	0.00
3M Wausau Greystone, Wausau, Marathon	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**25,000.00**	**25,000.00**	**0.00**
U.S. Army Fort McCoy, Fort McCoy, Monroe	0.00	0.00	0.00	0.00	0.00	0.00	19,834.00	19,834.00	0.00
Scot Inds., Muscoda, Grant	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**17,984.00**	**17,984.00**	**0.00**
Northern States Power Co. Wisconsin (French Island), La Crosse, La Crosse	0.00	0.00	0.00	0.00	0.00	0.00	15,771.00	15,771.00	0.00
Kohler Co. Cast Iron Div., Kohler, Sheboygan	**36,838.00**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14,218.00**	**51,057.00**	**0.00**
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	0.00	0.00	0.00	0.00	0.00	0 00	13,959.00	13,959.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases

2001 Toxics Release Inventory

WYOMING

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	16,689,653
Air Emissions	1,817,602
Surface Water Discharges	11,395
Underground Injection Class I Wells	6,145,000
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	8,715,656
Off-site Releases (Transfers Off-site to Disposal)*	902,273
Total On- and Off-site Releases	**17,591,926**
Recycled On-site	1,316,993
Recycled Off-site	96,021
Energy Recovery On-site	25,841
Energy Recovery Off-site	14,167
Treated On-site	11,727,681
Treated Off-site**	5,653
Quantity Released On- and Off-site***	18,172,402
Total Production-related Waste Managed	**31,358,758**
Non-production-related Waste Managed	**106**
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	103,021
Energy Recovery	14,794
Treatment	5,284
Publicly Owned Treatment Works (POTWs)	4,427
Metals and Metal Category Compounds*	15
Non-metal TRI Chemicals**	4,412
Other Off-site Transfers****	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,503,337
Total Transfers Off-site for Further Waste Management, including Disposal	**1,630,863**

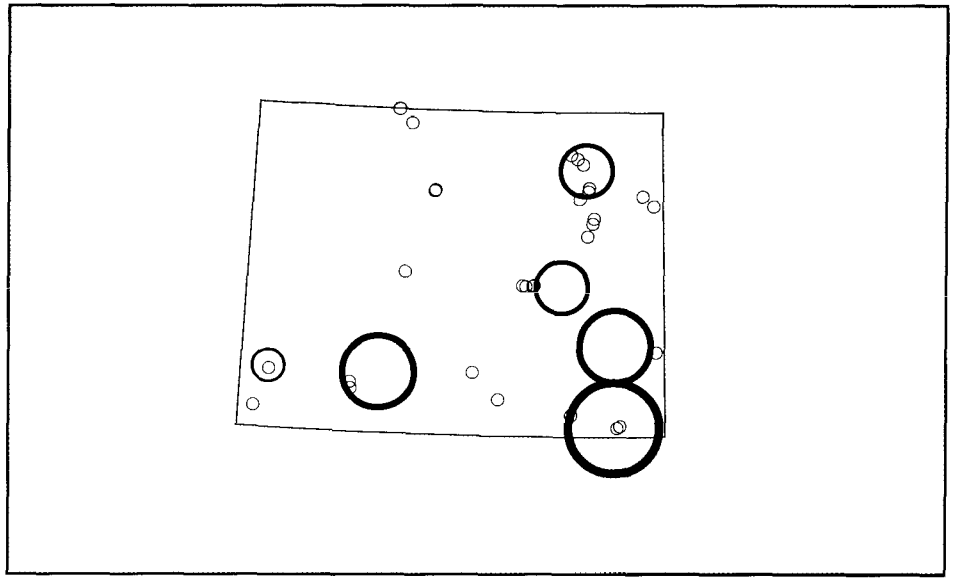
* Transfers to POTWs of metals and metal category compounds are included in off-site releases Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Transfers to POTWs of non-metals are included in treated off-site waste management activity
*** Excludes non-production-related releases, e g releases due to catastrophic events or remedial actions
**** Transfers reported without a valid waste management code

For More Information . . .

State Contact
Bobbi Tenborg,
5500 Bishop Boulevard.
Cheyenne, WY 82009-3302
(307) 777-4910
Fax: (307) 635-6017
btenbo@state.wy.us

EPA Regional Contact
Joyel Dhieux
USEPA Region 8 (8P- P3T)
999 18th Street, Suite 500
Denver, CO 80202
(303) 312-6447
dhieux.joyel@epa.gov

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Wyoming. All circles are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	493,754
Square Miles	97,105
Total Facilities	44
Total Forms	251
Form As	27

	Total
National Rank for Total On- and Off-site Releases*	
Rank	41
Pounds	17,591,926
National Rank for Total On-site Releases**	
Rank	41
Pounds	16,689,653
National Rank for Total Releases within State***	
Rank	41
Pounds	17,583,090
National Rank for Production-related Waste Managed	
Rank	46
Pounds	31,358,758

* Includes transfers out-of-state for disposal Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site
** Includes amounts released at the facility. Excludes amounts transferred to other sites
*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site

2001 Toxics Release Inventory

WYOMING

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Barium compounds**	**41,454**	**489**	**0**	**6,587,828**	**706,870**	**7,336,641**	**0**	**706,870**	**0**
—	Nitrate compounds	0	551	5,864,000	322	0	5,864,873	0	0	0
7664-41-7	**Ammonia**	**587,219**	**8,429**	**239,000**	**6,610**	**0**	**841,258**	**0**	**0**	**0**
—	Manganese compounds	7,739	56	0	673,369	54,962	736,126	0	54,962	0
—	**Zinc compounds**	**4,584**	**224**	**0**	**133,230**	**427,156**	**565,194**	**0**	**28,066**	**399,090**

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases: Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: On-site Releases to Land Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total Releases in the State** Pounds	Off-site Transfers to Disposal: Transferred Into State Pounds	Off-site Transfers to Disposal: Transferred Within State Pounds	Off-site Transfers to Disposal: Transferred Out of State Pounds
—	**Lead compounds**	**4,978.56**	**1,521.18**	**0.00**	**122,029.49**	**218,551.50**	**347,080.73**	**1.70**	**15,943.50**	**202,608.00**
7439-92-1	Lead	66.89	2.99	0.00	20,435.40	1,534.20	22,039.48	0.00	128.10	1,406.10
—	**Mercury compounds**	**1,621.39**	**0.00**	**0.00**	**431.95**	**61.92**	**2,115.26**	**0.00**	**61.82**	**0.10**
7439-97-6	Mercury	79.86	0.10	0.00	191.20	0.00	271.16	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**167.16**	**0.00**	**0.00**	**0.00**	**50.15**	**217.31**	**0.00**	**0.00**	**50.15**
—	Polycyclic aromatic compounds	46.76	1.06	0.00	0.00	68.40	116.22	0.00	46.30	22.10
—	**Dioxin and dioxin-like compounds**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*8.048*	*0.000*	*0.000*	*0.000*	*0 000*	*8 048*	*0.000*	*0.000*	*0.000*
309-00-2	**Aldrin**	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	**Pentachlorobenzene**	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	**Tetrabromobisphenol A**	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	**Trifluralin**	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.

2001 Toxics Release Inventory

WYOMING

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Coastal Chem Inc., Cheyenne, Laramie	**386,758**	**0**	**6,145,000**	**0**	**0**	**0**	**6,531,758**	**0**	**0**
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	87,935	0	0	0	0	2,769,781	2,857,716	0	0
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	**280,355**	**0**	**0**	**0**	**0**	**2,463,192**	**2,743,547**	**0**	**57**
Pacificorp Dave Johnston Plant, Glenrock, Converse	204,717	1,627	0	0	0	1,702,254	1,908,598	0	41
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	**9,510**	**38**	**0**	**0**	**0**	**1,261,351**	**1,270,900**	**0**	**0**
Pacificorp Naughton Plant, Kemmerer, Lincoln	120,417	482	0	0	0	405,939	526,839	0	0
Crown Cork & Seal Co. Inc., Worland, Washakie	**141,000**	**0**	**0**	**0**	**0**	**0**	**141,000**	**255**	**0**
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	118,510	0	0	0	0	21,483	139,993	0	0
Black Hills Corp. Osage Power Plant, Osage, Weston	**853**	**232**	**0**	**0**	**0**	**84,990**	**86,075**	**0**	**0**
Holly Sugar Corp., Worland, Washakie	82,300	0	0	0	0	3,400	85,700	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
			Underground Injection		On-site Releases to Land				
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds	Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	**800.60**	**0.00**	**0.00**	**0.00**	**0.00**	**39,212.00**	**40,012.60**	**0.00**	**57.20**
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	3,710.01	0 00	0.00	0.00	0.00	35,641.00	39,351.01	0.00	0.00
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**21,050.10**	**21,050.10**	**0.00**	**0.00**
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	91.45	1.39	0.00	0.00	0 00	20,554.00	20,646.84	0.00	0.00
Pacificorp Dave Johnston Plant, Glenrock, Converse	**789.50**	**1,500.00**	**0.00**	**0.00**	**0.00**	**16,602.00**	**18,891.50**	**0.00**	**41.40**
Pacificorp Naughton Plant, Kemmerer, Lincoln	477.40	0.00	0.00	0.00	0.00	7,939.40	8,416.80	0.00	0.00
Black Hills Corp. Osage Power Plant, Osage, Weston	**42.37**	**21.18**	**0.00**	**0.00**	**0.00**	**2,036.90**	**2,100.45**	**0.00**	**0.00**
Mountain Cement Co., Laramie, Albany	426.00	0 00	0.00	0.00	0.00	0.00	426.00	0.00	0.00
Pacificorp Wyodak Plant, Gillette, Campbell	**237.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**237.00**	**15,717.00**	**0.30**
Sinclair Oil Corp., Sinclair, Carbon	153.00	0.00	0.00	0.00	0.00	0.00	153.00	0.00	50.00

* The facility ranking is based on the amounts in this column, these quantities exclude transfers out of state.

2001 Toxics Release Inventory

WYOMING

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Coastal Chem Inc., Cheyenne, Laramie	**0**	**0**	**0**	**0**	**0**	**0**	**6,539,036**	**6,539,036**	**0**
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	0	15	0	0	0	0	2,881,950	2,881,965	0
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	**0**	**0**	**0**	**0**	**3,120,000**	**0**	**2,741,070**	**5,861,070**	**0**
Pacificorp Dave Johnston Plant, Glenrock, Converse	0	0	0	0	879,000	0	1,896,784	2,775,784	0
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	**0**	**0**	**0**	**0**	**46,962**	**0**	**1,270,900**	**1,317,862**	**0**
Pacificorp Wyodak Plant, Gillette, Campbell	0	0	0	0	367,000	0	916,917	1,283,917	0
Tetra Micronutrients Inc., Cheyenne, Laramie	**0**	**0**	**0**	**0**	**0**	**0**	**601,079**	**601,079**	**0**
Pacificorp Naughton Plant, Kemmerer, Lincoln	0	1	0	0	680,000	0	531,418	1,211,419	0
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	**0**	**0**	**0**	**0**	**4,763,000**	**0**	**140,068**	**4,903,068**	**0**
Crown Cork & Seal Co. Inc., Worland, Washakie	0	0	0	0	0	7	131,090	131,097	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Tetra Micronutrients Inc., Cheyenne, Laramie	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**201,989.00**	**201,989.00**	**0.00**
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	0.00	0.00	0.00	0.00	0.00	0.00	40,070.00	40,070.00	0.00
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	**0.00**	**15.00**	**0.00**	**0.00**	**0.00**	**0.00**	**39,550.00**	**39,565.00**	**0.00**
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	0.00	0.00	0.00	0.00	0.00	0.00	21,068.00	21,068 00	0.00
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20,647.00**	**20,647.00**	**0.00**
Pacificorp Dave Johnston Plant, Glenrock, Converse	0.00	0.00	0.00	0.00	0.00	0.00	18,806.00	18,806.00	0.00
Pacificorp Wyodak Plant, Gillette, Campbell	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**15,954.00**	**15,954.00**	**0.00**
Pacificorp Naughton Plant, Kemmerer, Lincoln	0.00	1.00	0.00	0.00	0.00	0.00	8,418.00	8,419.00	0.00
Sinclair Oil Corp. Casper Refy., Casper, Natrona	**0.00**	**0.00**	**15,935.00**	**0.00**	**0.00**	**0.00**	**3,935.00**	**19,870.00**	**0.00**
Black Hills Corp. Osage Power Plant, Osage, Weston	0.00	0.00	0.00	0.00	0.00	0.00	2,100.00	2,100.00	0.00

* The facility ranking is based on the amounts in this column, these quantities exclude non-production-related releases