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2000 Toxics Release Inventory (TRI)

Public Data Release

State Fact Sheets

Public Access to the Toxics Release Inventory (TRI)

TRI Data Products

Data Product	Point of Access	Contact Information
2000 TRI Executive Summary (reference EPA 260-S-02-001) 2000 TRI Public Data Release Report (reference EPA 260-R-02-003)	U.S. Environmental Protection Agency Ariel Rios Building, MC 2844T 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460 Attn: TRI Documents	(202) 564-9554 E-mail: tridoc@epa.gov
2000 State Fact Sheets Report (reference EPA 260-F-02-004)	U.S. EPA Toxics Release Inventory (TRI) Website — 2000 Data Release	http://www.epa.gov/tri/tridata/tri00
2000 State Data Files in Dbase format	U.S. EPA Toxics Release Inventory (TRI) Website	http://www.epa.gov/tri/tridata/tri00
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 2000 data release page	http://www.epa.gov/tri http://www.epa.gov/tri/tridata/tri00
U.S. EPA Envirofacts provides access to TRI data via U.S. Epa's Envirofacts Data Warhouse 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/

2000 Toxics Release Inventory State Fact Sheets

U.S. Environmental Protection Agency

Office of Environmental Information (2810)

Washington. D.C. 20460

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INTRODUCTION

The fact sheets in this document summarize the basic 2000 Toxics Release Inventory (TRI) data for each state. This document serves as a companion volume to EPA's *2000 Toxics Release Inventory Public Data Release* (EPA 260-R-02-003), a more detailed examination of TRI data for 2000 and previous years.

The TRI is a publicly available database containing information about releases and other waste management of toxic chemicals by reporting facilities. The TRI was established by section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986. EPCRA was passed to promote planning for chemical emergencies and to provide information to the public about the presence and release of toxic and hazardous 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 a rule (64 FR 58666) finalized on October 29, 1999, EPA added six PBT chemicals and one PBT chemical compound category. Two of the chemicals were added to the Polycyclic Aromatic Compounds (PACs) category. The rule also lowered reporting thresholds for 15 PBT chemicals and three PBT chemical categories. Chapter 3 of the companion volume 2000 Toxics Release Inventory Public Data Release (EPA 260-R-02-003) presents detailed information on and TRI data for the PBT chemicals.

In a separate action, as part of this same rulemaking, 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 facilities (SIC code 5171), and
- Solvent recovery services (SIC code 7389).

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

By July 1 each year, facilities must report their estimated amounts of releases and other waste management of toxic chemicals for the preceding calendar year. Facilities provide this information to EPA and to the state in which they are located. For 2000, 23,484 facilities filed 91,513 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 2000 TRI reporting by state. For 2000, individual tables rank states and summarize their data for:

- **on- and off-site releases** (includes transfers out-of-state for disposal and, for tables with all industries, 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** — 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 compounds) and non-metals to POTWs.

Additional tables summarize on-site and off-site releases, as well as on-site releases, separately for new and original reporting industries. Whereas the tables for all industries and the individual state fact sheet pages exclude transfers to disposal sent to other TRI facilities that reported the amount as an on-site release, the tables showing on-site and off-site releases for original and new industries separately for 1998, 1999 and 2000 do not. These include Tables 6, 8, 11, 12, 14, 15, 17 and 18.

Tables 10 through 12 present 2000 data for the subset of chemicals that do not include 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 and vanadium compounds was also added. Therefore, amounts reported for 2000 for these chemicals are not comparable to amounts reported in prior years.

The final tables supply totals for on- and off-site releases for the six-year period, 1995-2000 and for 1988 and 1995-2000. 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)

Data are presented for the original industries (those which have been required to report to TRI since its inception and federal facilities), new industries reporting for the first time in 1998, and the total for all industries.

- **Reported Releases and Waste Management Activities:**
  - **On- and Off-site Releases:** The amounts of toxic chemicals released to air, water, and land and 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 al TRI chemicals plus transfers of metals and metal compounds to solidification/stabilization, to wastewater treatment (excluding POTWs), and to POTWs. 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/Disposal:** Amounts of TRI chemicals sent off-site whether for further waste management — recycling, energy recovery, treatment, POTWs — or for disposal (off-site releases). For amounts transferred to POTWs, metals and metal compounds are identified separately from non-metals.
- **State map** with triangles and squares marking the location of each facility reporting to the TRI in 2000, specifically squares for new industries and triangles for original industries. Triangles and squares 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 2000 U.S. Census estimates as of July 1, 2000; the 2000 U.S. Census estimates for American Samoa, Guam, the Northern Marianas, Puerto Rico, and the Virgin Islands are estimates 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 exclude 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 sate (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, and fax numbers for the state TRI coordinator and for the EPA TRI coordinator for the region in which the state is located.

[illegible] Section 5 of Form R plus off-site releases (transfers off-site for disposal or treatment, including metals and metal 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. Furthermore, facilities may round off the quantities reported in Section 8 to two significant digits.

In 2000, some facilities reported transfers of metals and metal 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 *2000 TRI Public Data Release* and the *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 largest Amounts (Second through Fourth Pages for Each State)

Chemicals and facilities are ranked separately for all chemicals and for 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 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 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, 2000, All Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	1,578,813	1,742,162	121,808	1,050	1,002,437,400	1,005,881,234	2,388,480	1,008,269,713
Utah	2,458,570	46,865,159	999,338	0	903,988,120	954,311,188	1,630,610	955,941,798
Arizona	1,303,975	3,885,185	9,238	0	737,242,453	742,440,850	2,279,299	744,720,149
Alaska	805,276	2,048,107	103,653	36,790,623	495,737,280	535,484,939	4,332	535,489,271
Texas	41,264,963	61,938,766	33,064,455	94,832,009	40,519,292	271,619,486	29,899,472	301,518,958
Ohio	15,427,991	129,421,294	7,670,188	30,288,567	46,810,886	229,618,927	53,401,069	283,019,996
Pennsylvania	9,043,939	87,854,709	43,260,726	0	14,787,090	154,946,464	70,966,313	225,912,777
Indiana	13,574,182	76,090,720	17,951,843	1,026,106	32,735,290	141,378,141	62,718,928	204,097,069
Tennessee	14,144,723	89,984,407	3,271,969	5	46,980,819	154,381,922	8,473,965	162,855,887
North Carolina	6,749,221	118,911,764	9,165,369	0	11,280,855	146,107,209	11,172,601	157,279,810
Louisiana	13,640,028	56,717,935	12,868,235	51,703,983	14,542,019	149,472,201	5,050,434	154,522,635
Alabama	9,250,929	71,914,676	6,858,252	154,024	47,000,566	135,178,446	15,458,258	150,636,704
Illinois	12,596,483	55,451,896	6,856,204	500	44,712,893	119,617,977	30,722,933	150,340,910
Florida	6,765,763	80,996,597	1,797,794	34,849,655	14,671,634	139,081,443	4,575,652	143,657,096
Michigan	6,109,076	65,087,057	1,134,859	2,057,816	33,039,616	107,428,425	32,761,569	140,189,994
Missouri	5,027,915	33,348,995	1,946,686	2	84,687,284	125,010,882	5,946,365	130,957,247
New Mexico	367,855	893,014	45,398	895	121,181,868	122,489,030	2,720,183	125,209,213
Georgia	8,280,436	87,844,209	6,504,826	0	14,860,845	117,490,316	4,718,475	122,208,791
Montana	587,858	5,687,349	47,461	0	110,675,133	116,997,802	5,151,637	122,149,439
Kentucky	6,895,154	61,652,328	3,467,850	3,092	21,296,114	93,314,537	8,116,395	101,430,933
West Virginia	4,052,580	69,320,815	4,667,332	14,409	13,494,319	91,549,456	6,164,147	97,713,602
Virginia	6,654,998	52,562,797	8,212,342	0	6,215,803	73,645,939	8,548,264	82,194,202
Oregon	2,507,747	13,921,324	3,607,695	0	55,402,779	75,439,546	6,720,116	82,159,662
Mississippi	6,825,215	38,204,988	13,541,571	12,591,718	8,217,749	79,381,241	1,702,199	81,083,440
South Carolina	6,843,159	48,899,922	2,962,485	0	5,126,299	63,831,865	15,536,959	79,368,824
Idaho	1,975,035	3,565,125	6,221,090	0	64,430,860	76,192,110	476,035	76,668,144
California	6,207,923	17,630,822	6,094,176	58,794	34,411,538	64,403,254	11,206,092	75,609,346
New York	3,895,299	29,429,992	8,992,560	250	8,329,309	50,647,409	9,888,859	60,536,268
Arkansas	4,834,079	21,459,615	2,289,707	1,464,573	6,824,038	36,872,013	14,562,449	51,434,462
Wisconsin	3,130,174	25,897,723	3,563,174	0	1,918,981	34,510,051	15,168,668	49,678,719
Maryland	1,111,832	34,950,730	3,564,265	54,434	3,925,048	43,606,310	1,587,983	45,194,293
Iowa	4,106,641	19,673,379	5,597,894	0	6,410,943	35,788,857	7,636,681	43,425,537
Kansas	2,969,065	14,022,471	1,248,496	487,909	8,604,056	27,331,997	11,015,386	38,347,383
Minnesota	2,896,541	12,270,762	1,361,628	0	9,841,615	26,370,545	6,632,672	33,003,217
Oklahoma	3,900,627	14,824,745	2,518,989	2,460,937	5,340,409	29,045,708	3,957,158	33,002,867
Washington	3,218,950	16,683,720	2,777,130	0	4,235,025	26,914,824	4,793,051	31,707,875
Colorado	879,193	2,952,001	3,171,556	0	17,754,944	24,757,694	5,842,812	30,600,506
Nebraska	1,331,861	7,037,043	10,830,967	0	5,543,497	24,743,369	5,318,015	30,061,384
New Jersey	2,996,001	14,169,150	5,547,375	4	195,513	22,908,043	6,102,406	29,010,449
North Dakota	347,407	2,939,922	125,839	0	10,676,965	14,090,132	10,110,286	24,200,419
Wyoming	557,530	1,483,357	24,521	9,365,405	8,466,185	19,896,998	1,234,450	21,131,448
Puerto Rico	2,508,703	14,978,229	111,380	2	12,085	17,610,399	1,004,589	18,614,988
Delaware	772,988	7,032,950	866,313	0	1,105,457	9,777,708	3,823,298	13,601,006
Massachusetts	1,007,887	8,277,984	199,958	0	370,712	9,856,540	3,140,087	12,996,627
Maine	709,704	5,685,113	2,149,436	0	899,300	9,443,553	1,153,850	10,597,403
South Dakota	609,362	1,440,284	2,316,585	822,600	4,294,224	9,483,056	122,697	9,605,753
Connecticut	1,624,965	3,937,441	815,903	0	49,441	6,427,750	2,318,852	8,746,602
New Hampshire	279,226	5,131,809	95,776	0	64,866	5,571,677	589,184	6,160,861
Rhode Island	289,439	703,376	1,348	0	26	994,189	281,361	1,275,550
Hawaii	210,823	846,262	1,224	7,284	31,833	1,097,425	176,546	1,273,971
Virgin Islands	152,082	433,782	78,726	0	7,091	671,681	14,109	685,790
Vermont	47,437	73,129	178,519	0	255	299,340	102,616	401,956
Guam	2,999	220,798	0	0	486	224,283	0	224,283
District of Columbia	0	53,008	272	0	12,978	66,258	7	66,265
American Samoa	16,780	0	0	0	0	16,780	0	16,780
Northern Marianas	798	7,192	0	0	0	7,990	0	7,990
Total	**255,348,200**	**1,649,058,093**	**260,882,385**	**279,036,646**	**4,131,402,086**	**6,575,727,410**	**525,088,854**	**7,100,816,264**

* 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, 2000, All Industries (Ordered by Total On-site Releases)

State	On-site Releases					Total On-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds
Nevada	**1,578,813**	**1,742,162**	**121,808**	**1,050**	**1,002,437,400**	**1,005,881,234**
Utah	**2,458,570**	**46,865,159**	**999,338**	**0**	**903,988,120**	**954,311,188**
Arizona	**1,303,975**	**3,885,185**	**9,238**	**0**	**737,242,453**	**742,440,850**
Alaska	**805,276**	**2,048,107**	**103,653**	**36,790,623**	**495,737,280**	**535,484,939**
Texas	**41,264,963**	**61,938,766**	**33,064,455**	**94,832,009**	**40,519,292**	**271,619,486**
Ohio	15,427,991	129,421,294	7,670,188	30,288,567	46,810,886	229,618,927
Pennsylvania	9,043,939	87,854,709	43,260,726	0	14,787,090	154,946,464
Tennessee	14,144,723	89,984,407	3,271,969	5	46,980,819	154,381,922
Louisiana	13,640,028	56,717,935	12,868,235	51,703,983	14,542,019	149,472,201
North Carolina	6,749,221	118,911,764	9,165,369	0	11,280,855	146,107,209
Indiana	**13,574,182**	**76,090,720**	**17,951,843**	**1,026,106**	**32,735,290**	**141,378,141**
Florida	**6,765,763**	**80,996,597**	**1,797,794**	**34,849,655**	**14,671,634**	**139,081,443**
Alabama	**9,250,929**	**71,914,676**	**6,858,252**	**154,024**	**47,000,566**	**135,178,446**
Missouri	**5,027,915**	**33,348,995**	**1,946,686**	**2**	**84,687,284**	**125,010,882**
New Mexico	**367,855**	**893,014**	**45,398**	**895**	**121,181,868**	**122,489,030**
Illinois	12,596,483	55,451,896	6,856,204	500	44,712,893	119,617,977
Georgia	8,280,436	87,844,209	6,504,826	0	14,860,845	117,490,316
Montana	587,858	5,687,349	47,461	0	110,675,133	116,997,802
Michigan	6,109,076	65,087,057	1,134,859	2,057,816	33,039,616	107,428,425
Kentucky	6,895,154	61,652,328	3,467,850	3,092	21,296,114	93,314,537
West Virginia	**4,052,580**	**69,320,815**	**4,667,332**	**14,409**	**13,494,319**	**91,549,456**
Mississippi	**6,825,215**	**38,204,988**	**13,541,571**	**12,591,718**	**8,217,749**	**79,381,241**
Idaho	**1,975,035**	**3,565,125**	**6,221,090**	**0**	**64,430,860**	**76,192,110**
Oregon	**2,507,747**	**13,921,324**	**3,607,695**	**0**	**55,402,779**	**75,439,546**
Virginia	**6,654,998**	**52,562,797**	**8,212,342**	**0**	**6,215,803**	**73,645,939**
California	6,207,923	17,630,822	6,094,176	58,794	34,411,538	64,403,254
South Carolina	6,843,159	48,899,922	2,962,485	0	5,126,299	63,831,865
New York	3,895,299	29,429,992	8,992,560	250	8,329,309	50,647,409
Maryland	1,111,832	34,950,730	3,564,265	54,434	3,925,048	43,606,310
Arkansas	4,834,079	21,459,615	2,289,707	1,464,573	6,824,038	36,872,013
Iowa	**4,106,641**	**19,673,379**	**5,597,894**	**0**	**6,410,943**	**35,788,857**
Wisconsin	**3,130,174**	**25,897,723**	**3,563,174**	**0**	**1,918,981**	**34,510,051**
Oklahoma	**3,900,627**	**14,824,745**	**2,518,989**	**2,460,937**	**5,340,409**	**29,045,708**
Kansas	**2,969,065**	**14,022,471**	**1,248,496**	**487,909**	**8,604,056**	**27,331,997**
Washington	**3,218,950**	**16,683,720**	**2,777,130**	**0**	**4,235,025**	**26,914,824**
Minnesota	2,896,541	12,270,762	1,361,628	0	9,841,615	26,370,545
Colorado	879,193	2,952,001	3,171,556	0	17,754,944	24,757,694
Nebraska	1,331,861	7,037,043	10,830,967	0	5,543,497	24,743,369
New Jersey	2,996,001	14,169,150	5,547,375	4	195,513	22,908,043
Wyoming	557,530	1,483,357	24,521	9,365,405	8,466,185	19,896,998
Puerto Rico	**2,508,703**	**14,978,229**	**111,380**	**2**	**12,085**	**17,610,399**
North Dakota	**347,407**	**2,939,922**	**125,839**	**0**	**10,676,965**	**14,090,132**
Massachusetts	**1,007,887**	**8,277,984**	**199,958**	**0**	**370,712**	**9,856,540**
Delaware	**772,988**	**7,032,950**	**866,313**	**0**	**1,105,457**	**9,777,708**
South Dakota	**609,362**	**1,440,284**	**2,316,585**	**822,600**	**4,294,224**	**9,483,056**
Maine	709,704	5,685,113	2,149,436	0	899,300	9,443,553
Connecticut	1,624,965	3,937,441	815,903	0	49,441	6,427,750
New Hampshire	279,226	5,131,809	95,776	0	64,866	5,571,677
Hawaii	210,823	846,262	1,224	7,284	31,833	1,097,425
Rhode Island	289,439	703,376	1,348	0	26	994,189
Virgin Islands	**152,082**	**433,782**	**78,726**	**0**	**7,091**	**671,681**
Vermont	**47,437**	**73,129**	**178,519**	**0**	**255**	**299,340**
Guam	**2,999**	**220,798**	**0**	**0**	**486**	**224,283**
District of Columbia	**0**	**53,008**	**272**	**0**	**12,978**	**66,258**
American Samoa	**16,780**	**0**	**0**	**0**	**0**	**16,780**
Northern Marianas	798	7,192	0	0	0	7,990
Total	**255,348,200**	**1,649,058,093**	**260,882,385**	**279,036,646**	**4,131,402,086**	**6,575,727,410**

Table 3. TRI Releases Within the State, 2000, All Industries (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
	Fugitive or Nonpoint Air Emissions	Stack or Point Air Emissions	Surface Water Discharges	Underground Injection	Releases to Land		Transferred Into State	Transferred Within State	
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Nevada	**1,578,813**	**1,742,162**	**121,808**	**1,050**	**1,002,437,400**	**1,005,881,234**	**1,975,226**	**2,344,503**	**1,010,200,962**
Utah	**2,458,570**	**46,865,159**	**999,338**	**0**	**903,988,120**	**954,311,188**	**5,673,653**	**421,900**	**960,406,741**
Arizona	**1,303,975**	**3,885,185**	**9,238**	**0**	**737,242,453**	**742,440,850**	**1,255,789**	**894,699**	**744,591,339**
Alaska	**805,276**	**2,048,107**	**103,653**	**36,790,623**	**495,737,280**	**535,484,939**	**4,351**	**4,328**	**535,493,618**
Ohio	**15,427,991**	**129,421,294**	**7,670,188**	**30,288,567**	**46,810,886**	**229,618,927**	**53,317,644**	**43,377,951**	**326,314,522**
Texas	41,264,963	61,938,766	33,064,455	94,832,009	40,519,292	271,619,486	7,056,251	21,560,809	300,236,545
Pennsylvania	9,043,939	87,854,709	43,260,726	0	14,787,090	154,946,464	13,461,959	63,391,248	231,799,672
Indiana	13,574,182	76,090,720	17,951,843	1,026,106	32,735,290	141,378,141	3,647,940	38,100,246	183,126,327
Illinois	12,596,483	55,451,896	6,856,204	500	44,712,893	119,617,977	28,110,501	25,124,417	172,852,895
Louisiana	13,640,028	56,717,935	12,868,235	51,703,983	14,542,019	149,472,201	17,312,779	3,910,690	170,695,670
Tennessee	**14,144,723**	**89,984,407**	**3,271,969**	**5**	**46,980,819**	**154,381,922**	**596,131**	**6,671,493**	**161,649,546**
Michigan	**6,109,076**	**65,087,057**	**1,134,859**	**2,057,816**	**33,039,616**	**107,428,425**	**20,663,190**	**30,990,302**	**159,081,917**
North Carolina	**6,749,221**	**118,911,764**	**9,165,369**	**0**	**11,280,855**	**146,107,209**	**582,232**	**7,692,728**	**154,382,169**
Alabama	**9,250,929**	**71,914,676**	**6,858,252**	**154,024**	**47,000,566**	**135,178,446**	**5,433,016**	**5,386,156**	**145,997,618**
Florida	**6,765,763**	**80,996,597**	**1,797,794**	**34,849,655**	**14,671,634**	**139,081,443**	**386,796**	**3,598,702**	**143,066,942**
Missouri	5,027,915	33,348,995	1,946,686	2	84,687,284	125,010,882	787,662	4,651,069	130,449,612
New Mexico	367,855	893,014	45,398	895	121,181,868	122,489,030	47,459	2,705,839	125,242,328
Georgia	8,280,436	87,844,209	6,504,826	0	14,860,845	117,490,316	1,673,191	2,892,105	122,055,612
Montana	587,858	5,687,349	47,461	0	110,675,133	116,997,802	0	148,542	117,146,344
Idaho	1,975,035	3,565,125	6,221,090	0	64,430,860	76,192,110	30,184,477	300,727	106,677,313
Kentucky	**6,895,154**	**61,652,328**	**3,467,850**	**3,092**	**21,296,114**	**93,314,537**	**3,095,831**	**5,724,774**	**102,135,142**
West Virginia	**4,052,580**	**69,320,815**	**4,667,332**	**14,409**	**13,494,319**	**91,549,456**	**193,356**	**4,150,996**	**95,893,807**
Virginia	**6,654,998**	**52,562,797**	**8,212,342**	**0**	**6,215,803**	**73,645,939**	**258,912**	**7,580,381**	**81,485,232**
Mississippi	**6,825,215**	**38,204,988**	**13,541,571**	**12,591,718**	**8,217,749**	**79,381,241**	**245,627**	**887,819**	**80,514,688**
Oregon	**2,507,747**	**13,921,324**	**3,607,695**	**0**	**55,402,779**	**75,439,546**	**2,595,051**	**1,142,609**	**79,177,205**
South Carolina	6,843,159	48,899,922	2,962,485	0	5,126,299	63,831,865	1,261,863	4,736,163	69,829,892
California	6,207,923	17,630,822	6,094,176	58,794	34,411,538	64,403,254	302,638	4,524,984	69,230,876
New York	3,895,299	29,429,992	8,992,560	250	8,329,309	50,647,409	1,267,463	4,229,932	56,144,805
Wisconsin	3,130,174	25,897,723	3,563,174	0	1,918,981	34,510,051	4,002,336	11,350,195	49,862,582
Maryland	1,111,832	34,950,730	3,564,265	54,434	3,925,048	43,606,310	416,946	1,251,808	45,275,064
Oklahoma	**3,900,627**	**14,824,745**	**2,518,989**	**2,460,937**	**5,340,409**	**29,045,708**	**12,875,223**	**1,861,846**	**43,782,777**
Arkansas	**4,834,079**	**21,459,615**	**2,289,707**	**1,464,573**	**6,824,038**	**36,872,013**	**1,745,207**	**1,001,127**	**39,618,347**
Iowa	**4,106,641**	**19,673,379**	**5,597,894**	**0**	**6,410,943**	**35,788,857**	**86,933**	**3,024,035**	**38,899,824**
Colorado	**879,193**	**2,952,001**	**3,171,556**	**0**	**17,754,944**	**24,757,694**	**219,486**	**4,837,566**	**29,814,745**
Minnesota	**2,896,541**	**12,270,762**	**1,361,628**	**0**	**9,841,615**	**26,370,545**	**92,537**	**2,810,867**	**29,273,949**
Washington	3,218,950	16,683,720	2,777,130	0	4,235,025	26,914,824	66,694	2,133,945	29,115,463
Kansas	2,969,065	14,022,471	1,248,496	487,909	8,604,056	27,331,997	261,196	1,150,612	28,743,805
Nebraska	1,331,861	7,037,043	10,830,967	0	5,543,497	24,743,369	1,948,114	1,468,159	28,159,642
New Jersey	2,996,001	14,169,150	5,547,375	4	195,513	22,908,043	771,128	3,714,675	27,393,847
North Dakota	347,407	2,939,922	125,839	0	10,676,965	14,090,132	205	10,104,198	24,194,535
Wyoming	**557,530**	**1,483,357**	**24,521**	**9,365,405**	**8,466,185**	**19,896,998**	**21**	**805,261**	**20,702,280**
Puerto Rico	**2,508,703**	**14,978,229**	**111,380**	**2**	**12,085**	**17,610,399**	**0**	**609,966**	**18,220,365**
Delaware	**772,988**	**7,032,950**	**866,313**	**0**	**1,105,457**	**9,777,708**	**8,212**	**3,609,212**	**13,395,132**
Massachusetts	**1,007,887**	**8,277,984**	**199,958**	**0**	**370,712**	**9,856,540**	**614,762**	**1,912,224**	**12,383,526**
Maine	**709,704**	**5,685,113**	**2,149,436**	**0**	**.899,300**	**9,443,553**	**260,991**	**993,200**	**10,697,745**
South Dakota	609,362	1,440,284	2,316,585	822,600	4,294,224	9,483,056	366	106,893	9,590,315
Connecticut	1,624,965	3,937,441	815,903	0	49,441	6,427,750	457,676	602,372	7,487,798
New Hampshire	279,226	5,131,809	95,776	0	64,866	5,571,677	274,531	231,007	6,077,216
Rhode Island	289,439	703,376	1,348	0	26	994,189	162,254	54,574	1,211,016
Hawaii	210,823	846,262	1,224	7,284	31,833	1,097,425	0	60,624	1,158,049
Virgin Islands	**152,082**	**433,782**	**78,726**	**0**	**7,091**	**671,681**	**0**	**0**	**671,681**
Vermont	**47,437**	**73,129**	**178,519**	**0**	**255**	**299,340**	**20,943**	**8,586**	**328,869**
Guam	**2,999**	**220,798**	**0**	**0**	**486**	**224,283**	**0**	**0**	**224,283**
District of Columbia	**0**	**53,008**	**272**	**0**	**12,978**	**66,258**	**459**	**0**	**66,717**
American Samoa	**16,780**	**0**	**0**	**0**	**0**	**16,780**	**0**	**0**	**16,780**
Northern Marianas	798	7,192	0	0	0	7,990	0	0	7,990
Other**	0	0	0	0	0	0	7,884,096	0	7,884,096
Total	**255,348,200**	**1,649,058,093**	**260,882,385**	**279,036,646**	**4,131,402,086**	**6,575,727,410**	**233,561,305**	**350,849,064**	**7,160,137,778**

* 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 and Disposal by State, 2000, All Industries (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	**139,276,846**	**123,915,191**	**50,200,511**	**43,045**	**43,129,994**	**10,711**	**33,223,896**	**389,800,194**
Ohio	**181,795,664**	**46,832,212**	**16,176,694**	**313,339**	**22,756,509**	**32,604**	**60,224,616**	**328,131,639**
Pennsylvania	**195,712,498**	**16,421,630**	**15,077,984**	**107,764**	**8,274,745**	**22,897**	**73,136,021**	**308,753,539**
Michigan	**113,026,127**	**118,115,703**	**21,011,522**	**211,516**	**19,032,096**	**552**	**33,139,353**	**304,536,868**
Indiana	**149,904,406**	**14,542,242**	**8,059,447**	**110,833**	**6,807,988**	**49,360**	**67,688,108**	**247,162,384**
Illinois	111,769,705	38,081,226	10,572,194	140,560	11,612,036	638	42,684,676	214,861,034
California	82,037,135	29,879,059	9,287,102	72,973	27,666,722	1,290	14,044,419	162,988,701
New Jersey	30,504,441	60,414,892	13,219,528	55,383	37,494,569	50	6,202,131	147,890,993
South Carolina	79,042,422	35,940,833	5,767,385	158,721	6,027,140	0	17,921,968	144,858,470
Arkansas	56,636,294	53,008,904	3,111,104	15,088	1,535,595	500	27,019,095	141,326,580
Alabama	**44,311,103**	**31,937,069**	**17,353,555**	**17,463**	**5,103,683**	**208,300**	**20,416,776**	**119,347,949**
Wisconsin	**54,302,858**	**29,235,142**	**10,056,615**	**61,822**	**6,141,099**	**321**	**15,569,828**	**115,367,684**
New York	**82,739,616**	**3,937,023**	**5,229,011**	**188,504**	**10,918,015**	**613,966**	**10,999,040**	**114,625,175**
Kentucky	**50,540,732**	**31,837,473**	**8,743,336**	**80,797**	**7,583,418**	**0**	**8,542,283**	**107,328,039**
North Carolina	**75,635,902**	**8,967,267**	**6,580,529**	**146,697**	**3,316,446**	**0**	**11,476,997**	**106,123,838**
Tennessee	63,060,745	7,458,404	2,085,919	54,972	4,498,013	9,502,481	8,974,894	95,635,429
Missouri	55,774,740	12,109,937	4,161,179	88,324	6,856,232	93,932	5,909,592	84,993,936
Georgia	47,501,649	14,607,193	3,786,159	410,687	4,489,885	599	7,930,721	78,726,893
Louisiana	32,891,263	18,844,855	14,806,726	9,633	553,522	58,212	5,271,075	72,435,286
Iowa	41,103,717	3,961,777	3,061,934	114,370	7,914,299	0	14,766,378	70,922,476
Virginia	**26,294,109**	**9,161,405**	**1,516,627**	**65,113**	**16,621,338**	**0**	**8,524,016**	**62,182,608**
Kansas	**42,740,150**	**3,248,760**	**288,183**	**55,918**	**2,484,118**	**0**	**13,224,780**	**62,041,909**
Puerto Rico	**12,220,175**	**26,889,805**	**15,439,637**	**3,768**	**2,149,063**	**2,982**	**1,005,773**	**57,711,203**
Minnesota	**21,020,473**	**10,725,129**	**1,255,172**	**196,898**	**14,379,510**	**0**	**6,511,815**	**54,088,998**
Massachusetts	**23,580,571**	**7,365,018**	**4,889,652**	**39,481**	**10,464,735**	**4,705**	**3,119,613**	**49,463,775**
Arizona	37,602,909	2,296,661	1,072,859	3,631	2,194,551	671	2,838,806	46,010,088
Connecticut	30,121,963	3,031,134	6,790,455	49,328	2,453,109	5	2,386,326	44,832,321
Mississippi	26,027,812	5,760,277	2,732,831	7,218	3,546,851	500	1,722,481	39,797,969
Florida	22,040,028	3,149,946	1,604,026	78,684	7,889,126	0	4,743,005	39,504,816
Oregon	13,868,177	1,296,279	568,498	66,047	11,194,564	5	10,974,169	37,967,740
Colorado	**24,818,983**	**3,189,835**	**2,154,954**	**3,030**	**1,305,380**	**17,000**	**6,339,067**	**37,828,249**
Nebraska	**25,563,664**	**387,226**	**380,961**	**11,332**	**868,830**	**750**	**9,951,710**	**37,164,472**
West Virginia	**7,091,305**	**13,099,011**	**4,404,441**	**4,253**	**2,480,837**	**0**	**6,240,473**	**33,320,319**
Oklahoma	**21,813,419**	**1,187,940**	**484,862**	**12,680**	**1,380,229**	**1,371**	**4,039,075**	**28,919,576**
Washington	**11,930,563**	**1,808,412**	**1,002,124**	**3,703**	**4,190,310**	**2**	**5,359,082**	**24,294,196**
Maryland	5,352,259	987,285	5,696,303	70,308	4,386,035	0	1,555,898	18,048,088
New Hampshire	14,845,769	1,616,991	121,531	4,227	815,664	0	590,809	17,994,991
Delaware	8,206,544	2,827,677	907,176	9,708	2,190,104	0	3,815,121	17,956,329
Rhode Island	13,570,730	985,426	1,171,873	4,837	456,578	9,906	279,109	16,478,459
North Dakota	720,988	41,999	4,115	526	467,328	0	10,109,768	11,344,724
Utah	**3,940,061**	**154,566**	**670,408**	**1,809**	**957,441**	**0**	**5,420,288**	**11,144,573**
New Mexico	**2,410,526**	**158,676**	**77,312**	**831**	**643,923**	**0**	**5,132,876**	**8,424,144**
Nevada	**3,674,195**	**33,134**	**62,060**	**35**	**34,798**	**0**	**2,445,580**	**6,249,802**
Maine	**3,588,832**	**371,806**	**49,425**	**92,238**	**638,982**	**12**	**1,063,652**	**5,804,947**
Montana	**122,578**	**23,341**	**20,571**	**10**	**8,365**	**750**	**5,531,267**	**5,706,883**
Idaho	1,539,908	113,205	32,318	705	929,057	0	500,832	3,116,025
Wyoming	406,410	3,206	1,570	15	265	124	1,754,698	2,166,288
Vermont	1,346,083	2,013	223,930	317	401,975	0	103,319	2,077,637
South Dakota	781,260	375,171	177,023	854	147,174	0	121,843	1,603,326
Hawaii	183,662	2,092	2,441	0	0	0	214,207	402,402
Virgin Islands	**132,102**	**7,896**	**8,256**	**0**	**0**	**0**	**14,154**	**162,408**
Alaska	**111**	**1,804**	**2,588**	**4,203**	**25,015**	**0**	**879**	**34,601**
District of Columbia	**7,933**	**0**	**70**	**0**	**0**	**0**	**7**	**8,010**
Guam	**0**	**0**	**1,831**	**0**	**0**	**0**	**0**	**1,831**
American Samoa	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Northern Marianas	0	0	0	0	0	0	0	0
Total	**2,095,132,118**	**800,351,157**	**282,164,520**	**3,194,199**	**337,417,260**	**10,635,195**	**610,776,366**	**4,139,670,815**

* Transfers reported without a valid waste management code

** Excludes metals and metal compounds sent to POTWs.

Table 5 TRI Transfers to POTWs by State, 2000, All Industries
(Ordered by Total Transfers to POTWs)

State	Transfers of Metals and Metal Compounds Pounds	Transfers of Non-metal TRI Chemicals Pounds	Total Transfers to POTWs Pounds
Texas	**43,045**	**43,129,994**	**43,173,039**
New Jersey	**55,383**	**37,494,569**	**37,549,952**
California	**72,973**	**27,666,722**	**27,739,695**
Ohio	**313,339**	**22,756,509**	**23,069,848**
Michigan	**211,516**	**19,032,096**	**19,243,612**
Virginia	65,113	16,621,338	16,686,451
Minnesota	196,898	14,379,510	14,576,408
Illinois	140,560	11,612,036	11,752,596
Oregon	66,047	11,194,564	11,260,611
New York	188,504	10,918,015	11,106,518
Massachusetts	**39,481**	**10,464,735**	**10,504,216**
Pennsylvania	**107,764**	**8,274,745**	**8,382,509**
Iowa	**114,370**	**7,914,299**	**8,028,669**
Florida	**78,684**	**7,889,126**	**7,967,811**
Kentucky	**80,797**	**7,583,418**	**7,664,215**
Missouri	88,324	6,856,232	6,944,555
Indiana	110,833	6,807,988	6,918,822
Wisconsin	61,822	6,141,099	6,202,920
South Carolina	158,721	6,027,140	6,185,861
Alabama	17,463	5,103,683	5,121,146
Georgia	**410,687**	**4,489,885**	**4,900,572**
Tennessee	**54,972**	**4,498,013**	**4,552,985**
Maryland	**70,308**	**4,386,035**	**4,456,343**
Washington	**3,703**	**4,190,310**	**4,194,013**
Mississippi	**7,218**	**3,546,851**	**3,554,069**
North Carolina	146,697	3,316,446	3,463,143
Kansas	55,918	2,484,118	2,540,036
Connecticut	49,328	2,453,109	2,502,437
West Virginia	4,253	2,480,837	2,485,090
Delaware	9,708	2,190,104	2,199,812
Arizona	**3,631**	**2,194,551**	**2,198,182**
Puerto Rico	**3,768**	**2,149,063**	**2,152,831**
Arkansas	**15,088**	**1,535,595**	**1,550,683**
Oklahoma	**12,680**	**1,380,229**	**1,392,909**
Colorado	**3,030**	**1,305,380**	**1,308,410**
Utah	1,809	957,441	959,250
Idaho	705	929,057	929,762
Nebraska	11,332	868,830	880,162
New Hampshire	4,227	815,664	819,891
Maine	92,238	638,982	731,220
New Mexico	**831**	**643,923**	**644,754**
Louisiana	**9,633**	**553,522**	**563,155**
North Dakota	**526**	**467,328**	**467,854**
Rhode Island	**4,837**	**456,578**	**461,415**
Vermont	**317**	**401,975**	**402,292**
South Dakota	854	147,174	148,028
Nevada	35	34,798	34,833
Alaska	4,203	25,015	29,218
Montana	10	8,365	8,375
Wyoming	15	265	280
American Samoa	**0**	**0**	**0**
District of Columbia	**0**	**0**	**0**
Guam	**0**	**0**	**0**
Hawaii	**0**	**0**	**0**
Northern Marianas	**0**	**0**	**0**
Virgin Islands	0	0	0
Total	**3,194,199**	**337,417,260**	**340,611,459**

2000 Toxics Release Inventory

Table 6 TRI On-site and Off-site Releases by State, 2000, Original (Manufacturing) Industries (Ordered by Total Releases)*,**

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal Pounds	Pounds
Texas	**41,043,190**	**56,120,859**	**33,012,868**	**89,397,332**	**7,181,203**	**226,755,453**	**21,271,598**	**248,027,050**
Ohio	**15,279,555**	**43,863,044**	**7,505,742**	**13,355,827**	**15,503,977**	**95,508,146**	**48,426,012**	**143,934,158**
Pennsylvania	**8,913,740**	**25,235,717**	**43,183,701**	**0**	**5,117,039**	**82,450,197**	**59,062,702**	**141,512,899**
Indiana	**13,500,923**	**33,837,937**	**17,770,796**	**1,026,106**	**13,253,281**	**79,389,044**	**59,005,044**	**138,394,088**
Louisiana	**13,602,050**	**55,295,931**	**12,785,742**	**42,556,468**	**6,098,176**	**130,338,368**	**5,045,866**	**135,384,234**
Utah	2,337,220	44,799,436	990,717	0	56,545,243	104,672,616	5,178,010	109,850,626
Illinois	12,518,559	33,385,795	6,778,914	500	16,887,342	69,571,110	36,123,093	105,694,204
Tennessee	14,091,530	56,901,745	2,510,426	5	17,741,844	91,245,550	8,250,940	99,496,490
Alabama	9,210,090	38,199,526	6,634,821	5	8,436,393	62,480,835	19,812,057	82,292,892
Florida	6,655,662	26,272,709	1,745,477	34,849,655	2,107,551	71,631,053	2,849,561	74,480,614
Georgia	**8,252,367**	**40,281,654**	**6,368,873**	**0**	**2,085,387**	**56,988,280**	**8,336,829**	**65,325,109**
Mississippi	**6,820,579**	**24,387,830**	**13,537,742**	**12,591,718**	**5,457,106**	**62,794,975**	**1,634,767**	**64,429,741**
North Carolina	**6,647,456**	**33,664,408**	**9,037,887**	**0**	**1,855,528**	**51,205,279**	**11,085,032**	**62,290,311**
South Carolina	**6,834,637**	**31,874,238**	**2,942,081**	**0**	**2,130,790**	**43,781,746**	**17,808,643**	**61,590,389**
Michigan	**6,077,431**	**27,777,485**	**1,031,658**	**2,057,816**	**1,837,166**	**38,781,556**	**21,757,858**	**60,539,414**
Arkansas	4,815,584	20,414,777	2,267,154	1,464,573	4,318,767	33,280,856	26,560,897	59,841,753
Missouri	4,848,835	21,753,735	1,793,807	2	24,186,006	52,582,386	5,886,712	58,469,098
Virginia	6,607,258	33,947,601	8,052,505	0	1,714,370	50,321,733	7,511,117	57,832,851
Montana	471,869	4,777,010	47,436	0	41,555,356	46,851,672	5,392,760	52,244,432
California	5,986,924	16,788,127	6,090,338	58,794	4,648,813	33,572,997	8,992,959	42,565,956
Kentucky	**6,858,619**	**20,396,752**	**2,474,726**	**3,092**	**3,673,690**	**33,406,880**	**7,753,358**	**41,160,238**
Iowa	**3,997,731**	**15,591,188**	**5,595,938**	**0**	**1,358,651**	**26,543,509**	**14,285,346**	**40,828,855**
Arizona	**770,467**	**1,893,759**	**7,164**	**0**	**35,734,216**	**38,405,606**	**1,184,064**	**39,589,669**
Wisconsin	**3,102,589**	**19,657,022**	**3,541,861**	**0**	**985,722**	**27,287,195**	**11,093,110**	**38,380,305**
New York	**3,828,613**	**12,045,834**	**8,626,031**	**250**	**389,845**	**24,890,573**	**6,796,733**	**31,687,306**
Oregon	2,492,857	13,779,916	3,607,214	0	394,694	20,274,682	11,035,849	31,310,531
Kansas	2,944,725	11,769,872	1,246,046	487,909	1,656,778	18,105,330	12,849,055	30,954,385
Washington	3,082,302	15,616,486	2,776,004	0	406,111	21,880,903	4,735,421	26,616,325
Nebraska	1,304,214	3,215,181	10,830,702	0	659,106	16,009,204	9,780,730	25,789,933
Idaho	1,959,769	3,554,550	6,212,329	0	13,098,401	24,825,049	501,529	25,326,578
Oklahoma	**3,883,091**	**13,421,174**	**2,508,227**	**72,393**	**785,474**	**20,670,359**	**3,103,160**	**23,773,519**
Minnesota	**2,890,154**	**11,159,383**	**1,341,693**	**0**	**230,147**	**15,621,378**	**3,987,390**	**19,608,767**
New Jersey	**2,800,691**	**4,704,469**	**5,534,296**	**4**	**194,388**	**13,233,848**	**5,365,107**	**18,598,955**
West Virginia	**2,962,817**	**6,879,513**	**3,851,047**	**10**	**24,035**	**13,717,422**	**3,893,078**	**17,610,499**
Maryland	**1,074,680**	**6,640,671**	**3,381,011**	**0**	**3,769,755**	**14,866,118**	**894,673**	**15,760,791**
Wyoming	557,411	739,670	11,086	9,365,405	11,202	10,684,775	950,265	11,635,039
Maine	698,478	5,530,777	2,149,184	0	899,300	9,277,739	1,095,898	10,373,638
Delaware	772,049	2,383,744	828,150	0	724,467	4,708,410	3,533,674	8,242,084
Colorado	852,356	1,542,367	3,153,805	0	276,230	5,824,758	1,174,518	6,999,276
Connecticut	1,595,199	2,594,842	815,660	0	49,441	5,055,141	1,411,281	6,466,422
Puerto Rico	**2,482,024**	**3,028,474**	**40,764**	**2**	**12,085**	**5,563,349**	**843,032**	**6,406,381**
Massachusetts	**938,412**	**2,656,040**	**139,065**	**0**	**9,723**	**3,743,240**	**1,938,101**	**5,681,342**
Nevada	**1,002,787**	**387,165**	**0**	**0**	**879,195**	**2,269,148**	**2,189,241**	**4,458,389**
South Dakota	**515,870**	**1,246,658**	**2,073,645**	**0**	**64,094**	**3,900,268**	**77,496**	**3,977,765**
New Hampshire	**267,721**	**1,865,990**	**94,538**	**0**	**46,849**	**2,275,098**	**585,764**	**2,860,862**
North Dakota	340,569	1,807,156	42,346	0	2,864	2,192,935	36,036	2,228,971
Alaska	189,315	1,680,489	101,707	256	4,672	1,976,439	752	1,977,191
Rhode Island	263,890	656,065	1,218	0	26	921,198	280,119	1,201,317
New Mexico	291,657	290,187	37,297	895	124,694	744,730	94,665	839,395
Virgin Islands	151,918	402,782	78,716	0	7,091	640,507	14,154	654,661
Hawaii	**159,287**	**185,049**	**1,224**	**7,284**	**31,833**	**384,677**	**154,148**	**538,824**
Vermont	**47,437**	**73,129**	**178,519**	**0**	**255**	**299,340**	**103,636**	**402,976**
American Samoa	**16,780**	**0**	**0**	**0**	**0**	**16,780**	**0**	**16,780**
District of Columbia	**0**	**0**	**272**	**0**	**12,978**	**13,250**	**7**	**13,257**
Guam	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Northern Marianas	0	0	0	0	0	0	0	0
Total	**249,611,942**	**856,975,920**	**255,370,170**	**207,296,301**	**305,179,352**	**1,874,433,686**	**491,733,848**	**2,366,167,533**

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis

** This table includes all off-site releases reported, including off-site transfers to disposal sent to other facilities that reported that amount as an on-site release Such off-site transfers are only excluded where the table presents amounts for all TRI facilities, for example in Table 1 For amounts of off-site releases which exclude transfers to disposal to other TRI facilities reporting that amount as an on-site release see the individual state fact sheets

Table 7 TRI On-site Releases by State, 2000, Original (Manufacturing) Industries
(Ordered by Total On-site Releases)*

State	On-site Releases					Total On-site Releases
	Fugitive or Nonpoint Air Emissions	Stack or Point Air Emissions	Surface Water Discharges	Underground Injection	Releases to Land	
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Texas	**41,043,190**	**56,120,859**	**33,012,868**	**89,397,332**	**7,181,203**	**226,755,453**
Louisiana	**13,602,050**	**55,295,931**	**12,785,742**	**42,556,468**	**6,098,176**	**130,338,368**
Utah	**2,337,220**	**44,799,436**	**990,717**	**0**	**56,545,243**	**104,672,616**
Ohio	**15,279,555**	**43,863,044**	**7,505,742**	**13,355,827**	**15,503,977**	**95,508,146**
Tennessee	**14,091,530**	**56,901,745**	**2,510,426**	**5**	**17,741,844**	**91,245,550**
Pennsylvania	8,913,740	25,235,717	43,183,701	0	5,117,039	82,450,197
Indiana	13,500,923	33,837,937	17,770,796	1,026,106	13,253,281	79,389,044
Florida	6,655,662	26,272,709	1,745,477	34,849,655	2,107,551	71,631,053
Illinois	12,518,559	33,385,795	6,778,914	500	16,887,342	69,571,110
Mississippi	6,820,579	24,387,830	13,537,742	12,591,718	5,457,106	62,794,975
Alabama	**9,210,090**	**38,199,526**	**6,634,821**	**5**	**8,436,393**	**62,480,835**
Georgia	**8,252,367**	**40,281,654**	**6,368,873**	**0**	**2,085,387**	**56,988,280**
Missouri	**4,848,835**	**21,753,735**	**1,793,807**	**2**	**24,186,006**	**52,582,386**
North Carolina	**6,647,456**	**33,664,408**	**9,037,887**	**0**	**1,855,528**	**51,205,279**
Virginia	**6,607,258**	**33,947,601**	**8,052,505**	**0**	**1,714,370**	**50,321,733**
Montana	471,869	4,777,010	47,436	0	41,555,356	46,851,672
South Carolina	6,834,637	31,874,238	2,942,081	0	2,130,790	43,781,746
Michigan	6,077,431	27,777,485	1,031,658	2,057,816	1,837,166	38,781,556
Arizona	770,467	1,893,759	7,164	0	35,734,216	38,405,606
California	5,986,924	16,788,127	6,090,338	58,794	4,648,813	33,572,997
Kentucky	**6,858,619**	**20,396,752**	**2,474,726**	**3,092**	**3,673,690**	**33,406,880**
Arkansas	**4,815,584**	**20,414,777**	**2,267,154**	**1,464,573**	**4,318,767**	**33,280,856**
Wisconsin	**3,102,589**	**19,657,022**	**3,541,861**	**0**	**985,722**	**27,287,195**
Iowa	**3,997,731**	**15,591,188**	**5,595,938**	**0**	**1,358,651**	**26,543,509**
New York	**3,828,613**	**12,045,834**	**8,626,031**	**250**	**389,845**	**24,890,573**
Idaho	1,959,769	3,554,550	6,212,329	0	13,098,401	24,825,049
Washington	3,082,302	15,616,486	2,776,004	0	406,111	21,880,903
Oklahoma	3,883,091	13,421,174	2,508,227	72,393	785,474	20,670,359
Oregon	2,492,857	13,779,916	3,607,214	0	394,694	20,274,682
Kansas	2,944,725	11,769,872	1,246,046	487,909	1,656,778	18,105,330
Nebraska	**1,304,214**	**3,215,181**	**10,830,702**	**0**	**659,106**	**16,009,204**
Minnesota	**2,890,154**	**11,159,383**	**1,341,693**	**0**	**230,147**	**15,621,378**
Maryland	**1,074,680**	**6,640,671**	**3,381,011**	**0**	**3,769,755**	**14,866,118**
West Virginia	**2,962,817**	**6,879,513**	**3,851,047**	**10**	**24,035**	**13,717,422**
New Jersey	**2,800,691**	**4,704,469**	**5,534,296**	**4**	**194,388**	**13,233,848**
Wyoming	557,411	739,670	11,086	9,365,405	11,202	10,684,775
Maine	698,478	5,530,777	2,149,184	0	899,300	9,277,739
Colorado	852,356	1,542,367	3,153,805	0	276,230	5,824,758
Puerto Rico	2,482,024	3,028,474	40,764	2	12,085	5,563,349
Connecticut	1,595,199	2,594,842	815,660	0	49,441	5,055,141
Delaware	**772,049**	**2,383,744**	**828,150**	**0**	**724,467**	**4,708,410**
South Dakota	**515,870**	**1,246,658**	**2,073,645**	**0**	**64,094**	**3,900,268**
Massachusetts	**938,412**	**2,656,040**	**139,065**	**0**	**9,723**	**3,743,240**
New Hampshire	**267,721**	**1,865,990**	**94,538**	**0**	**46,849**	**2,275,098**
Nevada	**1,002,787**	**387,165**	**0**	**0**	**879,195**	**2,269,148**
North Dakota	340,569	1,807,156	42,346	0	2,864	2,192,935
Alaska	189,315	1,680,489	101,707	256	4,672	1,976,439
Rhode Island	263,890	656,065	1,218	0	26	921,198
New Mexico	291,657	290,187	37,297	895	124,694	744,730
Virgin Islands	151,918	402,782	78,716	0	7,091	640,507
Hawaii	**159,287**	**185,049**	**1,224**	**7,284**	**31,833**	**384,677**
Vermont	**47,437**	**73,129**	**178,519**	**0**	**255**	**299,340**
American Samoa	**16,780**	**0**	**0**	**0**	**0**	**16,780**
District of Columbia	**0**	**0**	**272**	**0**	**12,978**	**13,250**
Total	**249,611,942**	**856,975,920**	**255,370,170**	**207,296,301**	**305,179,352**	**1,874,433,686**

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis

Table 8 TRI On-site and Off-site Releases by State, 2000, New Industries (Ordered by Total Releases)*,**

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal Pounds	Pounds
Nevada	**576,026**	**1,354,997**	**121,808**	**1,050**	**1,001,558,205**	**1,003,612,086**	**256,374**	**1,003,868,460**
Utah	**121,350**	**2,065,723**	**8,621**	**0**	**847,442,878**	**849,638,572**	**244,087**	**849,882,659**
Arizona	**533,508**	**1,991,426**	**2,074**	**0**	**701,508,237**	**704,035,245**	**1,658,373**	**705,693,618**
Alaska	**615,961**	**367,618**	**1,946**	**36,790,367**	**495,732,608**	**533,508,500**	**4,330**	**533,512,831**
Ohio	**148,436**	**85,558,250**	**164,446**	**16,932,740**	**31,306,909**	**134,110,781**	**12,111,943**	**146,222,725**
New Mexico	76,198	602,827	8,101	0	121,057,174	121,744,300	5,039,042	126,783,342
North Carolina	101,765	85,247,357	127,482	0	9,425,327	94,901,930	538,662	95,440,592
Pennsylvania	130,199	62,618,992	77,025	0	9,670,051	72,496,267	14,181,083	86,677,351
Michigan	31,645	37,309,572	103,201	0	31,202,450	68,646,869	11,593,011	80,239,879
West Virginia	1,089,763	62,441,303	816,286	14,399	13,470,284	77,832,034	2,351,648	80,183,682
Alabama	**40,839**	**33,715,150**	**223,431**	**154,019**	**38,564,173**	**72,697,611**	**622,182**	**73,319,793**
Missouri	**179,080**	**11,595,260**	**152,879**	**0**	**60,501,278**	**72,428,496**	**111,204**	**72,539,700**
Indiana	**73,259**	**42,252,783**	**181,047**	**0**	**19,482,009**	**61,989,097**	**8,793,896**	**70,782,994**
Montana	**115,989**	**910,339**	**25**	**0**	**69,119,778**	**70,146,130**	**138,517**	**70,284,647**
Florida	**110,101**	**54,723,888**	**52,318**	**0**	**12,564,083**	**67,450,390**	**1,972,129**	**69,422,519**
Tennessee	53,192	33,082,662	761,543	0	29,238,975	63,136,372	778,926	63,915,298
Kentucky	36,535	41,255,575	993,125	0	17,622,423	59,907,658	869,722	60,777,380
Georgia	28,069	47,562,555	135,954	0	12,775,458	60,502,036	4,579	60,506,615
Texas	221,773	5,817,907	51,588	5,434,677	33,338,088	44,864,033	11,995,344	56,859,377
Illinois	77,924	22,066,101	77,290	0	27,825,551	50,046,866	6,702,142	56,749,009
Oregon	**14,890**	**141,408**	**481**	**0**	**55,008,085**	**55,164,864**	**4,367**	**55,169,231**
Idaho	**15,266**	**10,575**	**8,761**	**0**	**51,332,459**	**51,367,061**	**8**	**51,367,069**
California	**220,999**	**842,695**	**3,839**	**0**	**29,762,725**	**30,830,257**	**5,124,434**	**35,954,691**
New York	**66,686**	**17,384,158**	**366,529**	**0**	**7,939,464**	**25,756,836**	**4,390,810**	**30,147,647**
Maryland	**37,152**	**28,310,059**	**183,253**	**54,434**	**155,293**	**28,740,192**	**731,533**	**29,471,725**
Virginia	47,740	18,615,196	159,837	0	4,501,433	23,324,206	1,078,011	24,402,217
Colorado	26,837	1,409,634	17,751	0	17,478,713	18,932,936	5,167,580	24,100,516
North Dakota	6,837	1,132,766	83,493	0	10,674,101	11,897,197	10,074,258	21,971,456
South Carolina	8,522	17,025,684	20,404	0	2,995,509	20,050,119	272,047	20,322,166
Louisiana	37,978	1,422,005	82,493	9,147,515	8,443,843	19,133,833	234,842	19,368,675
Mississippi	**4,636**	**13,817,159**	**3,829**	**0**	**2,760,643**	**16,586,267**	**94,932**	**16,681,199**
Minnesota	**6,386**	**1,111,379**	**19,935**	**0**	**9,611,467**	**10,749,167**	**2,721,324**	**13,470,491**
Puerto Rico	**26,679**	**11,949,755**	**70,616**	**0**	**0**	**12,047,050**	**166,508**	**12,213,558**
Wisconsin	**27,585**	**6,240,700**	**21,312**	**0**	**933,259**	**7,222,856**	**4,538,540**	**11,761,396**
New Jersey	**195,311**	**9,464,681**	**13,079**	**0**	**1,125**	**9,674,195**	**892,407**	**10,566,603**
Wyoming	118	743,686	13,435	0	8,454,984	9,212,223	804,448	10,016,671
Iowa	108,910	4,082,190	1,956	0	5,052,292	9,245,348	595,402	9,840,750
Kansas	24,341	2,252,599	2,450	0	6,947,278	9,226,667	431,643	9,658,310
Oklahoma	17,536	1,403,572	10,762	2,388,544	4,554,935	8,375,349	948,595	9,323,944
Nebraska	27,647	3,821,862	265	0	4,884,391	8,734,165	182,312	8,916,477
Massachusetts	**69,475**	**5,621,944**	**60,893**	**0**	**360,988**	**6,113,300**	**1,220,992**	**7,334,291**
Washington	**136,647**	**1,067,234**	**1,125**	**0**	**3,828,914**	**5,033,921**	**627,363**	**5,661,284**
South Dakota	**93,492**	**193,625**	**242,940**	**822,600**	**4,230,130**	**5,582,787**	**45,201**	**5,627,988**
Delaware	**939**	**4,649,206**	**38,163**	**0**	**380,990**	**5,069,298**	**291,155**	**5,360,453**
Arkansas	**18,495**	**1,044,838**	**22,553**	**0**	**2,505,271**	**3,591,157**	**473,286**	**4,064,443**
New Hampshire	11,505	3,265,819	1,238	0	18,017	3,296,579	9,272	3,305,851
Connecticut	29,766	1,342,600	243	0	0	1,372,609	1,024,374	2,396,983
Hawaii	51,536	661,212	0	0	0	712,748	60,059	772,808
Maine	11,226	154,335	252	0	0	165,814	59,992	225,806
Guam	2,999	220,798	0	0	486	224,283	0	224,283
Rhode Island	**25,549**	**47,311**	**131**	**0**	**0**	**72,991**	**3,827**	**76,818**
District of Columbia	**0**	**53,008**	**0**	**0**	**0**	**53,008**	**0**	**53,008**
Virgin Islands	**164**	**31,000**	**10**	**0**	**0**	**31,174**	**0**	**31,174**
Northern Marianas	**798**	**7,192**	**0**	**0**	**0**	**7,990**	**0**	**7,990**
American Samoa	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Vermont	0	0	0	0	0	0	0	0
Total	**5,736,258**	**792,082,173**	**5,512,215**	**71,740,345**	**3,826,222,733**	**4,701,293,724**	**122,236,717**	**4,823,530,441**

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis

** This table includes all off-site releases reported, including off-site transfers to disposal sent to other facilities that reported that amount as an on-site release. Such off-site transfers are only excluded where the table presents amounts for all TRI facilities, for example in Table 1 For amounts of off-site releases which exclude transfers to disposal to other TRI facilities reporting that amount as an on-site release see the individual state fact sheets

Table 9 TRI On-site Releases by State, 2000, New Industries (Ordered by Total On-site Releases)*

State	On-site Releases					Total On-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds
Nevada	576,026	1,354,997	121,808	1,050	1,001,558,205	1,003,612,086
Utah	121,350	2,065,723	8,621	0	847,442,878	849,638,572
Arizona	533,508	1,991,426	2,074	0	701,508,237	704,035,245
Alaska	615,961	367,618	1,946	36,790,367	495,732,608	533,508,500
Ohio	148,436	85,558,250	164,446	16,932,740	31,306,909	134,110,781
New Mexico	76,198	602,827	8,101	0	121,057,174	121,744,300
North Carolina	101,765	85,247,357	127,482	0	9,425,327	94,901,930
West Virginia	1,089,763	62,441,303	816,286	14,399	13,470,284	77,832,034
Alabama	40,839	33,715,150	223,431	154,019	38,564,173	72,697,611
Pennsylvania	130,199	62,618,992	77,025	0	9,670,051	72,496,267
Missouri	179,080	11,595,260	152,879	0	60,501,278	72,428,496
Montana	115,989	910,339	25	0	69,119,778	70,146,130
Michigan	31,645	37,309,572	103,201	0	31,202,450	68,646,869
Florida	110,101	54,723,888	52,318	0	12,564,083	67,450,390
Tennessee	53,192	33,082,662	761,543	0	29,238,975	63,136,372
Indiana	73,259	42,252,783	181,047	0	19,482,009	61,989,097
Georgia	28,069	47,562,555	135,954	0	12,775,458	60,502,036
Kentucky	36,535	41,255,575	993,125	0	17,622,423	59,907,658
Oregon	14,890	141,408	481	0	55,008,085	55,164,864
Idaho	15,266	10,575	8,761	0	51,332,459	51,367,061
Illinois	77,924	22,066,101	77,290	0	27,825,551	50,046,866
Texas	221,773	5,817,907	51,588	5,434,677	33,338,088	44,864,033
California	220,999	842,695	3,839	0	29,762,725	30,830,257
Maryland	37,152	28,310,059	183,253	54,434	155,293	28,740,192
New York	66,686	17,384,158	366,529	0	7,939,464	25,756,836
Virginia	47,740	18,615,196	159,837	0	4,501,433	23,324,206
South Carolina	8,522	17,025,684	20,404	0	2,995,509	20,050,119
Louisiana	37,978	1,422,005	82,493	9,147,515	8,443,843	19,133,833
Colorado	26,837	1,409,634	17,751	0	17,478,713	18,932,936
Mississippi	4,636	13,817,159	3,829	0	2,760,643	16,586,267
Puerto Rico	26,679	11,949,755	70,616	0	0	12,047,050
North Dakota	6,837	1,132,766	83,493	0	10,674,101	11,897,197
Minnesota	6,386	1,111,379	19,935	0	9,611,467	10,749,167
New Jersey	195,311	9,464,681	13,079	0	1,125	9,674,195
Iowa	108,910	4,082,190	1,956	0	5,052,292	9,245,348
Kansas	24,341	2,252,599	2,450	0	6,947,278	9,226,667
Wyoming	118	743,686	13,435	0	8,454,984	9,212,223
Nebraska	27,647	3,821,862	265	0	4,884,391	8,734,165
Oklahoma	17,536	1,403,572	10,762	2,388,544	4,554,935	8,375,349
Wisconsin	27,585	6,240,700	21,312	0	933,259	7,222,856
Massachusetts	69,475	5,621,944	60,893	0	360,988	6,113,300
South Dakota	93,492	193,625	242,940	822,600	4,230,130	5,582,787
Delaware	939	4,649,206	38,163	0	380,990	5,069,298
Washington	136,647	1,067,234	1,125	0	3,828,914	5,033,921
Arkansas	18,495	1,044,838	22,553	0	2,505,271	3,591,157
New Hampshire	11,505	3,265,819	1,238	0	18,017	3,296,579
Connecticut	29,766	1,342,600	243	0	0	1,372,609
Hawaii	51,536	661,212	0	0	0	712,748
Guam	2,999	220,798	0	0	486	224,283
Maine	11,226	154,335	252	0	0	165,814
Rhode Island	25,549	47,311	131	0	0	72,991
District of Columbia	0	53,008	0	0	0	53,008
Virgin Islands	164	31,000	10	0	0	31,174
Northern Marianas	798	7,192	0	0	0	7,990
Total	**5,736,258**	**792,082,173**	**5,512,215**	**71,740,345**	**3,826,222,733**	**4,701,293,724**

* One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis

2000 Toxics Release Inventory

Table 10 TRI On-site and Off-site Releases by State, 2000, All Industries and 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
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	**1,576,544**	**1,727,940**	**121,807**	**1,050**	**965,317,712**	**968,745,053**	**2,385,768**	**971,130,821**
Utah	**2,457,081**	**46,860,913**	**998,797**	**0**	**893,614,426**	**943,931,217**	**1,604,624**	**945,535,840**
Arizona	**1,302,660**	**3,877,668**	**9,238**	**0**	**736,577,423**	**741,766,989**	**2,277,913**	**744,044,902**
Alaska	**805,276**	**2,047,928**	**103,633**	**36,781,256**	**495,730,432**	**535,468,525**	**4,326**	**535,472,851**
Texas	**41,239,075**	**61,877,951**	**33,050,807**	**94,803,062**	**38,321,284**	**269,292,179**	**28,899,340**	**298,191,519**
Ohio	15,406,773	128,615,745	7,666,270	30,285,027	45,274,435	227,248,250	52,467,664	279,715,914
Pennsylvania	9,023,925	87,558,522	43,259,441	0	13,480,159	153,322,048	69,290,494	222,612,542
Indiana	13,570,338	75,136,903	17,951,443	1,026,106	30,915,076	138,599,866	62,301,228	200,901,093
Tennessee	14,141,896	89,950,095	3,222,052	5	43,022,981	150,337,029	7,851,283	158,188,312
North Carolina	6,724,539	118,844,215	9,158,766	0	10,173,832	144,901,352	11,078,625	155,979,977
Louisiana	**13,627,145**	**56,623,505**	**12,753,745**	**51,703,538**	**14,242,094**	**148,950,027**	**4,816,543**	**153,766,570**
Illinois	**12,581,992**	**55,420,333**	**6,827,372**	**500**	**44,409,798**	**119,239,995**	**30,412,841**	**149,652,836**
Alabama	**9,240,328**	**71,874,591**	**6,847,329**	**154,005**	**44,365,101**	**132,481,354**	**15,364,820**	**147,846,174**
Florida	**6,763,593**	**80,522,046**	**1,796,107**	**34,779,577**	**12,873,273**	**136,734,597**	**4,464,096**	**141,198,692**
Michigan	**6,102,263**	**64,994,941**	**1,133,799**	**2,057,816**	**32,129,978**	**106,418,796**	**32,569,108**	**138,987,905**
Missouri	5,027,759	33,336,405	1,946,631	2	84,080,278	124,391,075	5,944,316	130,335,391
New Mexico	367,550	890,905	45,397	895	120,745,312	122,050,059	2,648,565	124,698,624
Montana	550,469	5,679,833	47,446	0	110,457,829	116,735,577	5,149,898	121,885,474
Georgia	8,279,494	87,802,718	6,496,722	0	13,310,438	115,889,372	4,717,927	120,607,299
Kentucky	6,893,859	61,577,749	3,370,632	2,837	18,896,815	90,741,892	8,044,297	98,786,189
West Virginia	**4,035,182**	**69,304,617**	**4,667,088**	**14,409**	**11,628,490**	**89,649,786**	**5,435,248**	**95,085,034**
Oregon	**2,505,194**	**13,866,606**	**3,607,619**	**0**	**55,083,074**	**75,062,493**	**6,653,416**	**81,715,909**
Virginia	**6,654,736**	**52,533,219**	**8,208,824**	**0**	**5,483,028**	**72,879,807**	**8,340,674**	**81,220,481**
Mississippi	**6,823,775**	**38,174,126**	**13,537,979**	**11,491,637**	**8,063,857**	**78,091,374**	**1,602,739**	**79,694,113**
South Carolina	**6,842,884**	**48,834,078**	**2,958,992**	**0**	**4,977,499**	**63,613,453**	**15,461,520**	**79,074,972**
California	6,205,814	17,622,914	6,090,868	48,794	33,941,558	63,909,948	11,095,203	75,005,151
Idaho	1,970,514	3,562,992	6,219,860	0	62,179,809	73,933,175	473,134	74,406,309
New York	3,880,926	29,362,450	8,988,271	250	7,827,274	50,059,171	9,333,838	59,393,010
Arkansas	4,826,832	21,353,998	2,226,387	1,464,573	5,747,825	35,619,615	14,042,938	49,662,553
Wisconsin	3,128,988	25,890,124	3,562,854	0	1,821,496	34,403,462	14,910,843	49,314,305
Maryland	**1,110,881**	**34,917,859**	**3,553,025**	**54,300**	**3,894,625**	**43,530,690**	**1,307,137**	**44,837,827**
Iowa	**4,105,628**	**19,632,257**	**5,597,893**	**0**	**6,410,797**	**35,746,575**	**7,611,375**	**43,357,950**
Kansas	**2,966,426**	**14,011,559**	**1,248,475**	**487,900**	**8,405,224**	**27,119,584**	**11,013,093**	**38,132,677**
Oklahoma	**3,898,276**	**14,818,927**	**2,518,356**	**2,460,937**	**5,213,715**	**28,910,211**	**3,844,951**	**32,755,162**
Minnesota	**2,891,866**	**12,236,746**	**1,360,398**	**0**	**9,636,238**	**26,125,248**	**6,370,044**	**32,495,292**
Colorado	879,053	2,950,031	3,171,064	0	17,572,303	24,572,451	5,690,972	30,263,423
Nebraska	1,331,836	7,030,549	10,830,967	0	5,424,888	24,618,240	5,317,687	29,935,927
Washington	3,183,054	16,619,260	2,776,722	0	3,832,231	26,411,267	3,052,238	29,463,505
New Jersey	2,994,750	14,164,805	5,527,761	3	192,423	22,879,742	6,056,762	28,936,504
North Dakota	346,992	2,883,044	125,839	0	10,442,707	13,798,582	10,008,539	23,807,121
Wyoming	**556,435**	**1,479,322**	**24,519**	**9,365,405**	**8,242,893**	**19,668,574**	**1,197,527**	**20,866,101**
Puerto Rico	**2,508,594**	**14,921,181**	**49,723**	**2**	**12,085**	**17,491,585**	**939,178**	**18,430,763**
Delaware	**771,681**	**7,019,208**	**864,686**	**0**	**500,395**	**9,155,970**	**3,717,634**	**12,873,604**
Massachusetts	**1,007,759**	**8,156,307**	**146,676**	**0**	**214,493**	**9,525,235**	**2,688,736**	**12,213,972**
Maine	**709,412**	**5,614,010**	**2,148,587**	**0**	**898,708**	**9,370,717**	**1,087,488**	**10,458,205**
South Dakota	609,360	1,439,789	2,316,563	822,600	4,266,183	9,454,495	122,197	9,576,692
Connecticut	1,617,450	3,889,385	815,862	0	49,403	6,372,100	2,236,787	8,608,887
New Hampshire	279,214	5,130,233	95,465	0	60,136	5,565,048	584,836	6,149,884
Rhode Island	289,434	688,812	1,341	0	18	979,605	280,940	1,260,545
Hawaii	210,821	843,641	1,200	7,278	31,833	1,094,773	160,070	1,254,843
Virgin Islands	**151,313**	**431,194**	**38,423**	**0**	**1,003**	**621,933**	**14,068**	**636,001**
Vermont	**47,436**	**72,238**	**178,519**	**0**	**255**	**298,448**	**99,016**	**397,464**
Guam	**2,691**	**220,796**	**0**	**0**	**405**	**223,892**	**0**	**223,892**
District of Columbia	**0**	**53,000**	**272**	**0**	**12,978**	**66,250**	**7**	**66,257**
American Samoa	**16,780**	**0**	**0**	**0**	**0**	**16,780**	**0**	**16,780**
Northern Marianas	798	7,192	0	0	0	7,990	0	7,990
Total	**255,045,346**	**1,644,957,375**	**260,268,510**	**277,813,764**	**4,050,008,524**	**6,488,093,519**	**513,044,508**	**7,001,138,027**

Note: This table is for comparison with 1998 and 1999 data Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

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

Table 11 TRI On-site and Off-site Releases by State, 2000, Original (Manufacturing) Industries and 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
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal Pounds	Pounds
Texas	**41,017,985**	**56,078,298**	**32,999,276**	**89,369,100**	**6,838,655**	**226,303,314**	**21,025,226**	**247,328,540**
Ohio	**15,259,702**	**43,099,200**	**7,505,321**	**13,353,027**	**15,468,797**	**94,686,047**	**47,974,373**	**142,660,420**
Pennsylvania	**8,895,090**	**25,198,951**	**43,182,622**	**0**	**5,074,066**	**82,350,730**	**58,909,349**	**141,260,079**
Indiana	**13,497,132**	**33,828,609**	**17,770,411**	**1,026,106**	**13,143,603**	**79,265,861**	**58,810,514**	**138,076,375**
Louisiana	**13,589,178**	**55,204,294**	**12,671,504**	**42,556,458**	**6,018,839**	**130,040,273**	**4,793,944**	**134,834,217**
Utah	2,336,125	44,798,904	990,430	0	56,497,234	104,622,693	5,157,920	109,780,613
Illinois	12,504,166	33,366,040	6,753,447	500	16,806,460	69,430,613	35,989,699	105,420,313
Tennessee	14,089,474	56,877,230	2,508,577	5	14,902,872	88,378,158	7,725,459	96,103,617
Alabama	9,207,246	38,179,949	6,632,771	5	8,149,027	62,168,998	19,725,732	81,894,730
Florida	6,653,523	26,262,144	1,744,607	34,779,577	2,028,932	71,468,784	2,848,798	74,317,582
Georgia	**8,251,428**	**40,254,370**	**6,360,772**	**0**	**1,855,960**	**56,722,530**	**8,336,262**	**65,058,792**
Mississippi	**6,819,139**	**24,385,136**	**13,534,153**	**11,491,637**	**5,447,802**	**61,677,867**	**1,630,238**	**63,308,105**
North Carolina	**6,622,811**	**33,611,205**	**9,033,504**	**0**	**1,837,537**	**51,105,057**	**10,991,313**	**62,096,370**
South Carolina	**6,834,486**	**31,809,964**	**2,938,767**	**0**	**2,094,526**	**43,677,743**	**17,753,340**	**61,431,083**
Michigan	**6,070,708**	**27,763,280**	**1,031,617**	**2,057,816**	**1,836,996**	**38,760,416**	**21,750,894**	**60,511,310**
Missouri	4,848,684	21,747,374	1,793,785	2	24,185,863	52,575,708	5,884,666	58,460,374
Arkansas	4,808,686	20,312,426	2,203,837	1,464,573	3,246,741	32,036,263	26,037,657	58,073,920
Virginia	6,607,223	33,927,516	8,049,706	0	1,675,149	50,259,594	7,502,286	57,761,880
Montana	434,707	4,773,301	47,426	0	41,554,773	46,810,207	5,391,311	52,201,518
California	5,985,110	16,780,760	6,087,128	48,794	4,648,206	33,549,998	8,834,875	42,384,872
Kentucky	**6,857,607**	**20,339,891**	**2,474,680**	**2,837**	**3,673,443**	**33,348,458**	**7,739,512**	**41,087,970**
Iowa	**3,996,770**	**15,554,330**	**5,595,938**	**0**	**1,358,619**	**26,505,657**	**14,278,229**	**40,783,886**
Arizona	**770,465**	**1,888,720**	**7,164**	**0**	**35,637,239**	**38,303,588**	**1,183,784**	**39,487,372**
Wisconsin	**3,101,489**	**19,655,503**	**3,541,547**	**0**	**920,801**	**27,219,340**	**11,044,231**	**38,263,571**
New York	**3,814,285**	**12,022,288**	**8,626,002**	**250**	**389,777**	**24,852,602**	**6,778,880**	**31,631,482**
Oregon	2,490,318	13,725,750	3,607,138	0	391,627	20,214,833	10,969,149	31,183,982
Kansas	2,942,432	11,768,536	1,246,043	487,900	1,646,525	18,091,436	12,846,908	30,938,344
Nebraska	1,304,204	3,215,013	10,830,702	0	658,994	16,008,913	9,780,501	25,789,414
Washington	3,046,418	15,552,797	2,775,676	0	405,477	21,780,368	2,840,546	24,620,913
Oklahoma	3,880,759	13,418,283	2,507,594	72,393	771,230	20,650,259	3,039,876	23,690,135
Idaho	**1,955,261**	**3,552,499**	**6,211,101**	**0**	**10,873,912**	**22,592,773**	**498,628**	**23,091,401**
Minnesota	**2,885,520**	**11,135,716**	**1,341,693**	**0**	**230,147**	**15,593,076**	**3,984,986**	**19,578,062**
New Jersey	**2,799,734**	**4,702,991**	**5,514,957**	**3**	**191,298**	**13,208,983**	**5,345,964**	**18,554,947**
West Virginia	**2,945,457**	**6,874,437**	**3,850,965**	**10**	**23,985**	**13,694,854**	**3,451,052**	**17,145,906**
Maryland	**1,073,999**	**6,620,211**	**3,380,027**	**0**	**3,769,223**	**14,843,460**	**868,687**	**15,712,147**
Wyoming	556,320	739,127	11,085	9,365,405	11,055	10,682,992	944,396	11,627,388
Maine	698,223	5,469,378	2,148,373	0	898,708	9,214,682	1,084,536	10,299,218
Delaware	770,742	2,372,464	826,523	0	194,448	4,164,177	3,478,840	7,643,017
Colorado	852,319	1,541,511	3,153,737	0	276,171	5,823,738	1,174,403	6,998,141
Connecticut	1,587,684	2,570,238	815,619	0	49,403	5,022,944	1,393,205	6,416,149
Puerto Rico	**2,481,915**	**3,006,062**	**40,764**	**2**	**12,085**	**5,540,828**	**842,732**	**6,383,560**
Massachusetts	**938,357**	**2,552,156**	**139,065**	**0**	**9,408**	**3,638,987**	**1,937,580**	**5,576,566**
Nevada	**1,002,787**	**387,133**	**0**	**0**	**879,165**	**2,269,085**	**2,186,641**	**4,455,726**
South Dakota	**515,870**	**1,246,501**	**2,073,623**	**0**	**64,083**	**3,900,077**	**77,002**	**3,977,079**
New Hampshire	**267,711**	**1,865,109**	**94,227**	**0**	**46,831**	**2,273,878**	**585,328**	**2,859,206**
North Dakota	340,419	1,807,071	42,346	0	2,863	2,192,699	36,025	2,228,724
Alaska	189,315	1,680,458	101,687	256	4,645	1,976,361	750	1,977,111
Rhode Island	263,890	641,503	1,218	0	18	906,629	279,698	1,186,327
New Mexico	291,634	290,078	37,296	895	124,686	744,589	94,651	839,240
Virgin Islands	151,149	400,958	38,413	0	1,003	591,523	14,113	605,636
Hawaii	**159,287**	**185,041**	**1,200**	**7,278**	**31,833**	**384,639**	**154,116**	**538,755**
Vermont	**47,436**	**72,238**	**178,519**	**0**	**255**	**298,448**	**100,036**	**398,484**
American Samoa	**16,780**	**0**	**0**	**0**	**0**	**16,780**	**0**	**16,780**
District of Columbia	**0**	**0**	**272**	**0**	**12,978**	**13,250**	**7**	**13,257**
Guam	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Northern Marianas	0	0	0	0	0	0	0	0
Total	**249,329,161**	**855,112,942**	**255,054,853**	**206,084,829**	**296,873,973**	**1,862,455,758**	**486,108,846**	**2,348,564,604**

Note: This table is for comparison with 1998 and 1999 data Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed

2000 Toxics Release Inventory

Table 12 TRI On-site and Off-site Releases by State, 2000, New Industries and 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
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal Pounds	Pounds
Nevada	573,757	1,340,807	121,807	1,050	964,438,547	966,475,968	256,209	966,732,177
Utah	120,956	2,062,009	8,367	0	837,117,192	839,308,524	219,081	839,527,605
Arizona	532,195	1,988,948	2,074	0	700,940,184	703,463,401	1,657,267	705,120,668
Alaska	615,961	367,470	1,946	36,781,000	495,725,787	533,492,164	4,326	533,496,490
Ohio	147,071	85,516,545	160,949	16,932,000	29,805,638	132,562,203	11,624,042	144,186,245
New Mexico	75,916	600,827	8,101	0	120,620,626	121,305,470	4,766,918	126,072,388
North Carolina	101,728	85,233,010	125,262	0	8,336,295	93,796,295	534,492	94,330,787
Pennsylvania	128,835	62,359,571	76,819	0	8,406,093	70,971,318	12,632,540	83,603,858
Michigan	31,555	37,231,661	102,182	0	30,292,982	67,658,380	11,407,457	79,065,837
West Virginia	1,089,725	62,430,180	816,123	14,399	11,604,505	75,954,932	2,064,761	78,019,693
Missouri	179,075	11,589,031	152,846	0	59,894,415	71,815,367	111,182	71,926,549
Alabama	33,082	33,694,642	214,558	154,000	36,216,074	70,312,356	614,518	70,926,874
Montana	115,762	906,532	20	0	68,903,056	69,925,370	137,745	70,063,115
Indiana	73,206	41,308,294	181,032	0	17,771,473	59,334,005	8,564,134	67,898,139
Florida	110,070	54,259,902	51,500	0	10,844,341	65,265,813	1,861,333	67,127,146
Tennessee	52,422	33,072,865	713,475	0	28,120,109	61,958,871	676,967	62,635,838
Georgia	28,066	47,548,348	135,950	0	11,454,478	59,166,842	4,579	59,171,421
Kentucky	36,252	41,237,858	895,952	0	15,223,372	57,393,434	810,988	58,204,422
Illinois	77,826	22,054,293	73,925	0	27,603,338	49,809,382	6,513,320	56,322,702
Oregon	14,876	140,856	481	0	54,691,447	54,847,660	4,367	54,852,027
Texas	221,090	5,799,653	51,531	5,433,962	31,482,629	42,988,865	11,208,219	54,197,084
Idaho	15,253	10,493	8,759	0	51,305,897	51,340,402	8	51,340,410
California	220,704	842,154	3,740	0	29,293,352	30,359,950	5,106,895	35,466,845
Maryland	36,882	28,297,648	172,998	54,300	125,402	28,687,230	476,665	29,163,895
New York	66,641	17,340,162	362,269	0	7,437,497	25,206,569	3,852,566	29,059,135
Colorado	26,734	1,408,520	17,327	0	17,296,132	18,748,713	5,015,807	23,764,520
Virginia	47,513	18,605,703	159,118	0	3,807,879	22,620,213	879,203	23,499,416
North Dakota	6,573	1,075,973	83,493	0	10,439,844	11,605,883	9,972,522	21,578,405
South Carolina	8,398	17,024,114	20,225	0	2,882,973	19,935,710	251,906	20,187,616
Louisiana	37,967	1,419,211	82,241	9,147,080	8,223,255	18,909,754	233,768	19,143,522
Mississippi	4,636	13,788,990	3,826	0	2,616,055	16,413,507	0	16,413,507
Minnesota	6,346	1,101,030	18,705	0	9,406,091	10,532,172	2,461,094	12,993,266
Puerto Rico	26,679	11,915,119	8,959	0	0	11,950,757	101,397	12,052,154
Wisconsin	27,499	6,234,621	21,307	0	900,695	7,184,122	4,329,269	11,513,391
New Jersey	195,016	9,461,814	12,804	0	1,125	9,670,759	862,722	10,533,481
Iowa	108,858	4,077,927	1,955	0	5,052,178	9,240,918	576,729	9,817,647
Wyoming	115	740,195	13,434	0	8,231,838	8,985,582	773,393	9,758,975
Kansas	23,994	2,243,023	2,432	0	6,758,699	9,028,148	422,587	9,450,735
Oklahoma	17,517	1,400,644	10,762	2,388,544	4,442,485	8,259,952	899,670	9,159,622
Nebraska	27,632	3,815,536	265	0	4,765,894	8,609,327	182,210	8,791,537
Massachusetts	69,402	5,604,151	7,611	0	205,085	5,886,249	770,161	6,656,410
South Dakota	93,490	193,288	242,940	822,600	4,202,100	5,554,418	45,195	5,599,613
Delaware	939	4,646,744	38,163	0	305,947	4,991,793	239,044	5,230,837
Washington	136,636	1,066,463	1,046	0	3,426,754	4,630,899	596,617	5,227,516
Arkansas	18,146	1,041,572	22,550	0	2,501,084	3,583,352	472,842	4,056,194
New Hampshire	11,503	3,265,124	1,238	0	13,305	3,291,170	5,360	3,296,530
Connecticut	29,766	1,319,147	243	0	0	1,349,156	960,356	2,309,512
Hawaii	51,534	658,600	0	0	0	710,134	43,614	753,748
Guam	2,691	220,796	0	0	405	223,892	0	223,892
Maine	11,189	144,632	214	0	0	156,035	4,992	161,027
Rhode Island	25,544	47,309	123	0	0	72,976	3,827	76,803
District of Columbia	0	53,000	0	0	0	53,000	0	53,000
Virgin Islands	164	30,236	10	0	0	30,410	0	30,410
Northern Marianas	798	7,192	0	0	0	7,990	0	7,990
Total	**5,716,185**	**789,844,433**	**5,213,657**	**71,728,935**	**3,753,134,552**	**4,625,637,761**	**115,214,864**	**4,740,852,625**

Note: This table is for comparison with 1998 and 1999 data Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed

Table 13 TRI On-site and Off-site Releases by State, 1999, All Industries (Ordered by Total Releases)

State	On-site Releases: Fugitive or Nonpoint Air Emissions Pounds	On-site Releases: Stack or Point Air Emissions Pounds	On-site Releases: Surface Water Discharges Pounds	On-site Releases: Underground Injection Pounds	On-site Releases: Releases to Land Pounds	Total On-site Releases Pounds	Off-site Releases: Transfers Off-site to Disposal* Pounds	Total On- and Off-site Releases Pounds
Nevada	**2,578,097**	**2,181,422**	**136,432**	**2,797**	**1,167,095,137**	**1,171,993,885**	**136,854**	**1,172,130,739**
Utah	**2,391,460**	**50,439,614**	**1,053,308**	**3,850**	**1,104,646,819**	**1,158,535,051**	**1,439,381**	**1,159,974,432**
Arizona	**2,056,776**	**3,779,610**	**6,850**	**15**	**956,333,075**	**962,176,326**	**1,471,352**	**963,647,678**
Alaska	**840,372**	**1,863,871**	**96,222**	**34,946,256**	**372,601,895**	**410,348,616**	**4,457**	**410,353,073**
Texas	**41,208,715**	**70,368,734**	**32,653,746**	**90,752,865**	**54,284,973**	**289,269,033**	**25,965,153**	**315,234,186**
Ohio	17,733,801	131,218,226	6,976,450	27,645,086	70,624,072	254,197,635	46,815,916	301,013,551
Pennsylvania	10,423,035	99,354,696	49,055,195	0	14,253,763	173,086,688	57,991,230	231,077,918
Indiana	15,510,849	83,928,863	7,237,519	890,265	32,189,031	139,756,527	55,497,790	195,254,317
New Mexico	652,578	1,006,509	60,245	315	167,793,464	169,513,111	2,410,530	171,923,641
Illinois	13,200,350	72,766,100	6,712,078	1,200	46,450,705	139,130,433	29,116,430	168,246,863
North Carolina	**7,038,773**	**116,592,020**	**8,779,888**	**0**	**18,987,514**	**151,398,195**	**6,795,617**	**158,193,812**
Tennessee	**14,718,285**	**93,799,953**	**2,925,716**	**2**	**36,849,411**	**148,293,367**	**7,316,112**	**155,609,480**
Louisiana	**13,532,011**	**54,792,408**	**15,186,689**	**48,038,209**	**18,938,044**	**150,487,361**	**3,553,761**	**154,041,122**
Florida	**6,208,903**	**88,010,322**	**2,325,746**	**32,769,162**	**12,402,059**	**141,716,192**	**4,649,480**	**146,365,672**
Michigan	**7,144,531**	**71,438,725**	**1,191,332**	**2,571,942**	**16,766,342**	**99,112,872**	**46,589,690**	**145,702,562**
Alabama	10,716,389	72,348,205	6,972,061	126,505	36,365,518	126,528,678	7,930,404	134,459,082
Georgia	7,287,670	96,757,482	7,712,221	0	13,155,566	124,912,939	3,776,351	128,689,290
Montana	650,911	5,848,185	36,051	0	120,320,836	126,855,983	491,047	127,347,030
Missouri	5,759,837	35,946,289	3,498,287	0	74,951,378	120,155,791	4,716,435	124,872,226
Kentucky	8,542,398	67,218,930	2,723,601	0	15,484,497	93,969,426	7,598,261	101,567,687
West Virginia	**4,016,585**	**73,215,238**	**7,909,873**	**10**	**11,032,961**	**96,174,667**	**3,964,022**	**100,138,689**
Idaho	**2,160,502**	**4,262,059**	**9,139,534**	**0**	**71,595,748**	**87,157,843**	**391,445**	**87,549,288**
Virginia	**7,561,701**	**53,990,699**	**6,156,183**	**0**	**5,360,760**	**73,069,343**	**10,605,723**	**83,675,066**
South Carolina	**6,622,785**	**51,907,386**	**3,500,225**	**0**	**12,399,732**	**74,430,128**	**8,308,218**	**82,738,346**
Mississippi	**6,821,699**	**38,041,012**	**14,625,400**	**8,326,762**	**6,696,173**	**74,511,046**	**1,451,426**	**75,962,472**
New York	3,761,978	32,775,415	9,834,596	250	14,025,757	60,397,996	9,748,851	70,146,847
Oregon	4,404,433	12,991,567	3,283,113	0	41,253,101	61,932,214	4,539,889	66,472,103
California	7,908,467	18,388,563	4,848,876	47,992	25,381,670	56,575,568	8,596,803	65,172,371
Wisconsin	3,731,824	33,365,663	3,543,140	0	2,593,588	43,234,215	14,923,398	58,157,613
Iowa	4,855,888	26,808,658	3,974,969	0	7,730,483	43,369,998	7,782,589	51,152,587
Kansas	**3,325,030**	**14,948,224**	**1,208,171**	**1,170,464**	**8,806,657**	**29,458,546**	**15,392,549**	**44,851,095**
Maryland	**1,063,823**	**36,556,833**	**2,849,576**	**34,700**	**2,446,164**	**42,951,096**	**1,035,397**	**43,986,493**
Arkansas	**5,396,794**	**22,723,070**	**1,866,285**	**775,088**	**5,248,389**	**36,009,626**	**7,908,075**	**43,917,701**
Oklahoma	**3,960,193**	**14,529,391**	**3,063,852**	**2,566,726**	**9,017,997**	**33,138,159**	**4,219,801**	**37,357,960**
Minnesota	**3,117,686**	**12,931,390**	**1,756,278**	**0**	**9,229,426**	**27,034,780**	**4,536,686**	**31,571,466**
New Jersey	3,188,077	13,845,077	5,347,900	4	572,724	22,953,782	5,500,425	28,454,207
Washington	3,193,606	17,211,093	3,120,633	0	2,447,059	25,972,391	1,653,660	27,626,051
Nebraska	1,611,915	7,012,307	11,347,161	0	5,046,888	25,018,271	2,369,495	27,387,766
Colorado	1,031,536	3,110,960	3,188,231	143,612	13,546,132	21,020,471	5,893,872	26,914,343
North Dakota	439,393	3,347,416	225,149	0	9,165,021	13,176,979	10,492,060	23,669,039
Wyoming	**809,585**	**1,584,833**	**18,447**	**8,082,205**	**8,289,061**	**18,784,131**	**1,025,369**	**19,809,500**
Puerto Rico	**2,473,077**	**15,099,264**	**80,784**	**0**	**169,867**	**17,822,992**	**741,628**	**18,564,620**
South Dakota	**609,422**	**1,791,884**	**1,582,993**	**0**	**7,649,242**	**11,633,541**	**457,939**	**12,091,480**
Massachusetts	**1,162,803**	**7,665,616**	**168,010**	**0**	**7,132**	**9,003,561**	**2,959,372**	**11,962,933**
Delaware	**747,950**	**5,912,242**	**1,197,813**	**0**	**462,571**	**8,320,576**	**3,071,199**	**11,391,775**
Maine	723,848	6,836,076	910,405	0	787,171	9,257,500	932,188	10,189,688
Connecticut	1,471,020	3,327,313	1,014,158	0	21,202	5,833,693	2,143,600	7,977,293
New Hampshire	313,109	4,911,569	125,582	0	74,237	5,424,497	482,864	5,907,361
Hawaii	201,525	1,383,284	2,721	5,070	38,163	1,630,763	50,338	1,681,101
Rhode Island	334,569	736,657	1,376	0	5	1,072,607	321,954	1,394,561
Virgin Islands	**244,839**	**474,000**	**45,857**	**0**	**1,791**	**766,487**	**1,744**	**768,231**
Vermont	**61,064**	**92,352**	**179,767**	**0**	**1,010**	**334,193**	**240,847**	**575,040**
Guam	**121,003**	**380,013**	**25**	**0**	**67**	**501,108**	**0**	**501,108**
District of Columbia	**0**	**79,000**	**44**	**0**	**0**	**79,044**	**18,052**	**97,096**
American Samoa	**10,515**	**5,612**	**1**	**0**	**0**	**16,128**	**0**	**16,128**
Northern Marianas	848	2,539	25	0	0	3,412	0	3,412
Total	**275,654,833**	**1,761,904,439**	**261,456,790**	**258,901,352**	**4,631,592,048**	**7,189,509,462**	**456,027,728**	**7,645,537,190**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

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

Table 14. TRI On-site and Off-site Releases by State, 1999, Original (Manufacturing) Industries
(Ordered by Total Releases)

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal Pounds	Pounds
Texas	**40,786,720**	**62,483,393**	**32,551,064**	**86,572,912**	**19,447,259**	**241,841,348**	**19,912,868**	**261,754,216**
Ohio	**17,480,049**	**45,579,690**	**6,775,706**	**14,285,086**	**19,526,170**	**103,646,701**	**47,875,698**	**151,522,399**
Pennsylvania	**10,338,058**	**26,670,513**	**48,992,193**	**0**	**4,979,676**	**90,980,439**	**49,884,156**	**140,864,595**
Louisiana	**13,508,002**	**53,344,255**	**15,108,339**	**45,230,834**	**7,394,566**	**134,585,996**	**3,665,308**	**138,251,304**
Indiana	**15,319,815**	**37,001,443**	**7,092,122**	**890,265**	**15,574,438**	**75,878,083**	**58,935,588**	**134,813,671**
Illinois	13,075,871	38,112,441	6,459,438	1,200	19,302,528	76,951,478	31,842,507	108,793,985
Tennessee	14,680,957	60,540,207	2,205,292	2	15,787,535	93,213,993	11,000,553	104,214,546
Utah	2,292,593	48,357,844	1,037,763	3,850	30,693,684	82,385,734	6,442,616	88,828,350
Alabama	10,696,715	39,625,739	6,755,205	5	10,750,126	67,827,790	12,151,447	79,979,237
Florida	6,096,343	27,392,647	2,271,201	32,769,162	1,991,956	70,521,309	4,255,829	74,777,138
Michigan	**7,095,432**	**30,688,303**	**1,051,635**	**2,571,942**	**2,351,990**	**43,759,302**	**29,706,902**	**73,466,204**
Georgia	**7,262,869**	**42,165,069**	**7,598,249**	**0**	**1,929,321**	**58,955,508**	**9,360,820**	**68,316,328**
North Carolina	**6,949,804**	**35,144,409**	**8,700,137**	**0**	**9,779,784**	**60,574,134**	**6,980,250**	**67,554,384**
South Carolina	**6,616,186**	**36,628,379**	**3,462,246**	**0**	**3,695,811**	**50,402,622**	**16,682,692**	**67,085,314**
Mississippi	**6,819,273**	**26,076,005**	**14,622,025**	**8,326,762**	**5,323,415**	**61,167,480**	**1,476,692**	**62,644,172**
Virginia	7,524,278	35,127,072	6,094,765	0	2,162,510	50,908,625	9,977,162	60,885,787
Missouri	5,542,302	23,364,649	3,343,918	0	19,508,624	51,759,493	4,758,297	56,517,790
Arkansas	5,384,228	21,688,062	1,841,520	775,088	2,492,240	32,181,138	18,988,069	51,169,207
Arizona	1,435,133	1,767,705	5,452	15	46,860,267	50,068,572	824,148	50,892,720
Montana	466,590	4,880,184	36,041	0	43,140,420	48,523,235	1,468,486	49,991,721
Kentucky	**8,511,254**	**22,449,582**	**1,736,361**	**0**	**2,159,645**	**34,856,842**	**8,318,049**	**43,174,891**
Wisconsin	**3,712,404**	**21,868,906**	**3,523,115**	**0**	**1,197,062**	**30,301,487**	**11,636,832**	**41,938,319**
California	**7,587,283**	**17,252,362**	**4,845,724**	**47,992**	**4,123,301**	**33,856,662**	**7,693,741**	**41,550,403**
Iowa	**4,844,012**	**17,675,340**	**3,968,412**	**0**	**3,119,675**	**29,607,439**	**11,446,109**	**41,053,548**
Kansas	**3,266,233**	**12,862,575**	**1,201,781**	**1,170,464**	**1,937,670**	**20,438,723**	**16,377,696**	**36,816,419**
New York	3,639,418	13,262,227	9,465,223	250	355,481	26,722,599	9,537,695	36,260,294
Oregon	4,389,503	12,753,124	3,283,053	0	478,097	20,903,777	10,296,518	31,200,295
Idaho	2,143,745	4,245,523	9,128,008	0	12,199,726	27,717,002	504,904	28,221,906
Washington	3,179,413	15,962,995	3,118,991	0	185,081	22,446,480	1,759,373	24,205,853
Oklahoma	3,942,339	12,984,238	3,047,274	52,827	626,609	20,653,287	2,844,261	23,497,548
Nebraska	**1,588,243**	**3,548,721**	**11,294,646**	**0**	**729,937**	**17,161,547**	**6,218,715**	**23,380,262**
West Virginia	**3,451,537**	**8,105,169**	**7,606,558**	**10**	**125,383**	**19,288,657**	**2,279,516**	**21,568,173**
Minnesota	**3,109,429**	**11,983,596**	**1,735,706**	**0**	**317,866**	**17,146,597**	**3,512,947**	**20,659,544**
New Mexico	**538,644**	**435,592**	**52,043**	**315**	**19,279,439**	**20,306,033**	**200,826**	**20,506,859**
New Jersey	**2,980,844**	**5,779,893**	**5,333,034**	**4**	**189,024**	**14,282,799**	**4,765,815**	**19,048,614**
Maryland	1,030,480	6,965,630	2,625,929	0	2,345,404	12,967,443	674,304	13,641,747
Wyoming	807,191	772,526	6,099	8,082,205	12,553	9,680,574	754,118	10,434,692
Maine	711,404	6,726,708	910,012	0	787,171	9,135,295	926,466	10,061,761
Delaware	744,514	2,510,738	1,185,991	0	278,311	4,719,554	3,005,591	7,725,145
Colorado	989,580	1,743,579	3,167,507	0	105,002	6,005,668	1,501,025	7,506,693
Puerto Rico	**2,442,987**	**3,597,803**	**70,474**	**0**	**3,911**	**6,115,175**	**607,578**	**6,722,753**
Connecticut	**1,449,130**	**2,691,864**	**1,013,893**	**0**	**21,202**	**5,176,089**	**1,405,804**	**6,581,893**
Nevada	**1,311,148**	**977,838**	**0**	**0**	**3,404,963**	**5,693,949**	**33,577**	**5,727,526**
Massachusetts	**1,059,781**	**2,770,494**	**166,691**	**0**	**2,044**	**3,999,010**	**1,699,100**	**5,698,110**
South Dakota	**484,280**	**1,587,903**	**1,354,662**	**0**	**11,742**	**3,438,587**	**88,157**	**3,526,744**
New Hampshire	313,057	2,198,458	125,582	0	53,937	2,691,034	469,525	3,160,559
North Dakota	432,625	1,857,039	162,418	0	2,756	2,454,838	156,491	2,611,329
Alaska	324,257	1,299,171	94,126	256	577	1,718,387	0	1,718,387
Rhode Island	322,047	670,689	1,335	0	5	994,076	324,866	1,318,942
Virgin Islands	243,964	406,403	45,847	0	1,791	698,005	1,179	699,184
Vermont	**61,064**	**92,352**	**179,767**	**0**	**1,010**	**334,193**	**241,957**	**576,150**
Hawaii	**159,278**	**194,190**	**2,429**	**5,065**	**38,098**	**399,060**	**1,893**	**400,953**
District of Columbia	**0**	**0**	**44**	**0**	**0**	**44**	**18,052**	**18,096**
American Samoa	**10,500**	**0**	**0**	**0**	**0**	**10,500**	**0**	**10,500**
Guam	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Northern Marianas	0	0	0	0	0	0	0	0
Total	**269,152,806**	**914,871,237**	**256,457,046**	**200,786,511**	**336,786,793**	**1,978,054,393**	**455,492,768**	**2,433,547,161**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed

Table 15 TRI On-site and Off-site Releases by State, 1999, New Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	**1,266,949**	**1,203,584**	**136,432**	**2,797**	**1,163,690,174**	**1,166,299,936**	**584,497**	**1,166,884,433**
Utah	**98,867**	**2,081,770**	**15,545**	**0**	**1,073,953,135**	**1,076,149,317**	**354,699**	**1,076,504,016**
Arizona	**621,643**	**2,011,905**	**1,398**	**0**	**909,472,808**	**912,107,754**	**738,905**	**912,846,659**
Alaska	**516,115**	**564,700**	**2,096**	**34,946,000**	**372,601,318**	**408,630,229**	**4,457**	**408,634,686**
Ohio	**253,752**	**85,638,536**	**200,744**	**13,360,000**	**51,097,902**	**150,550,934**	**12,587,926**	**163,138,860**
New Mexico	113,934	570,917	8,202	0	148,514,025	149,207,078	4,315,610	153,522,688
Pennsylvania	84,977	72,684,183	63,002	0	9,274,087	82,106,249	10,236,297	92,342,546
North Carolina	88,969	81,447,611	79,751	0	9,207,730	90,824,061	549,990	91,374,051
West Virginia	565,048	65,110,069	303,315	0	10,907,578	76,886,010	1,844,370	78,730,380
Montana	184,321	968,001	10	0	77,180,416	78,332,748	376,802	78,709,550
Michigan	**49,099**	**40,750,422**	**139,697**	**0**	**14,414,352**	**55,353,570**	**17,358,390**	**72,711,960**
Florida	**112,560**	**60,617,675**	**54,545**	**0**	**10,410,103**	**71,194,883**	**1,101,789**	**72,296,672**
Indiana	**191,034**	**46,927,420**	**145,397**	**0**	**16,614,593**	**63,878,444**	**8,226,775**	**72,105,219**
Illinois	**124,479**	**34,653,659**	**252,640**	**0**	**27,148,177**	**62,178,955**	**7,515,320**	**69,694,275**
Missouri	**217,535**	**12,581,640**	**154,369**	**0**	**55,442,754**	**68,396,298**	**411**	**68,396,709**
Georgia	24,801	54,592,413	113,972	0	11,226,245	65,957,431	19,643	65,977,074
Kentucky	31,144	44,769,348	987,240	0	13,324,852	59,112,584	997,471	60,110,055
Idaho	16,757	16,536	11,526	0	59,396,022	59,440,841	49	59,440,890
Alabama	19,674	32,722,466	216,856	126,500	25,615,392	58,700,888	330,921	59,031,809
Texas	421,995	7,885,341	102,682	4,179,953	34,837,714	47,427,685	9,403,053	56,830,738
Tennessee	**37,328**	**33,259,746**	**720,424**	**0**	**21,061,876**	**55,079,374**	**320,710**	**55,400,084**
Oregon	**14,930**	**238,443**	**60**	**0**	**40,775,004**	**41,028,437**	**18,791**	**41,047,228**
New York	**122,560**	**19,513,188**	**369,373**	**0**	**13,670,276**	**33,675,397**	**793,585**	**34,468,982**
Maryland	**33,343**	**29,591,203**	**223,647**	**34,700**	**100,760**	**29,983,653**	**373,312**	**30,356,965**
California	**321,184**	**1,136,201**	**3,152**	**0**	**21,258,369**	**22,718,906**	**3,522,129**	**26,241,035**
South Carolina	6,599	15,279,007	37,979	0	8,703,921	24,027,506	274,750	24,302,256
Virginia	37,423	18,863,627	61,418	0	3,198,250	22,160,718	1,005,308	23,166,026
North Dakota	6,768	1,490,377	62,731	0	9,162,265	10,722,141	10,338,610	21,060,751
Colorado	41,956	1,367,381	20,724	143,612	13,441,130	15,014,803	4,689,602	19,704,405
Wisconsin	19,420	11,496,757	20,025	0	1,396,526	12,932,728	4,609,842	17,542,570
Louisiana	**24,009**	**1,448,153**	**78,350**	**2,807,375**	**11,543,478**	**15,901,365**	**126,690**	**16,028,055**
Iowa	**11,876**	**9,133,318**	**6,557**	**0**	**4,610,808**	**13,762,559**	**364,340**	**14,126,899**
Oklahoma	**17,854**	**1,545,153**	**16,578**	**2,513,899**	**8,391,388**	**12,484,872**	**1,570,761**	**14,055,633**
Mississippi	**2,426**	**11,965,007**	**3,375**	**0**	**1,372,758**	**13,343,566**	**16**	**13,343,582**
Puerto Rico	**30,090**	**11,501,461**	**10,310**	**0**	**165,956**	**11,707,817**	**150,694**	**11,858,511**
Minnesota	8,257	947,794	20,572	0	8,911,560	9,888,183	1,233,338	11,121,521
Wyoming	2,394	812,307	12,348	0	8,276,508	9,103,557	637,629	9,741,186
Kansas	58,797	2,085,649	6,390	0	6,868,987	9,019,823	483,993	9,503,816
New Jersey	207,233	8,065,184	14,866	0	383,700	8,670,983	805,895	9,476,878
South Dakota	125,142	203,981	228,331	0	7,637,500	8,194,954	369,782	8,564,736
Nebraska	**23,672**	**3,463,586**	**52,515**	**0**	**4,316,951**	**7,856,724**	**415,643**	**8,272,367**
Massachusetts	**103,022**	**4,895,122**	**1,319**	**0**	**5,088**	**5,004,551**	**1,415,963**	**6,420,514**
Arkansas	**12,566**	**1,035,008**	**24,765**	**0**	**2,756,149**	**3,828,488**	**396,756**	**4,225,244**
Washington	**14,193**	**1,248,098**	**1,642**	**0**	**2,261,978**	**3,525,911**	**256,300**	**3,782,211**
Delaware	**3,436**	**3,401,504**	**11,822**	**0**	**184,260**	**3,601,022**	**71,152**	**3,672,174**
New Hampshire	52	2,713,111	0	0	20,300	2,733,463	24,070	2,757,533
Connecticut	21,890	635,449	265	0	0	657,604	882,561	1,540,165
Hawaii	42,247	1,189,094	292	5	65	1,231,703	48,445	1,280,148
Guam	121,003	380,013	25	0	67	501,108	0	501,108
Maine	12,444	109,368	393	0	0	122,205	7,804	130,009
Rhode Island	**12,522**	**65,968**	**41**	**0**	**0**	**78,531**	**16,498**	**95,029**
District of Columbia	**0**	**79,000**	**0**	**0**	**0**	**79,000**	**0**	**79,000**
Virgin Islands	**875**	**67,597**	**10**	**0**	**0**	**68,482**	**1,010**	**69,492**
American Samoa	**15**	**5,612**	**1**	**0**	**0**	**5,628**	**0**	**5,628**
Northern Marianas	**848**	**2,539**	**25**	**0**	**0**	**3,412**	**0**	**3,412**
Total	**6,502,027**	**847,033,202**	**4,999,744**	**58,114,841**	**4,294,805,255**	**5,211,455,069**	**111,773,354**	**5,323,228,423**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed

2000 Toxics Release Inventory

Table 16 TRI On-site and Off-site Releases by State, 1998, All Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal* Pounds	Pounds
Nevada	**1,880,986**	**2,481,713**	**241,523**	**1,404**	**1,305,386,310**	**1,309,991,936**	**92,603**	**1,310,084,539**
Arizona	**4,296,136**	**5,833,853**	**6,236**	**4**	**1,058,551,905**	**1,068,688,134**	**971,393**	**1,069,659,527**
Utah	**2,149,103**	**62,570,523**	**1,146,781**	**0**	**506,092,279**	**571,958,686**	**896,918**	**572,855,604**
Ohio	**18,089,129**	**142,663,434**	**6,273,156**	**28,770,724**	**94,508,480**	**290,304,923**	**48,166,517**	**338,471,440**
Texas	**44,098,617**	**77,768,123**	**31,829,690**	**93,204,877**	**52,339,860**	**299,241,167**	**24,666,992**	**323,908,159**
Alaska	1,055,721	1,967,500	97,777	29,024,256	284,396,015	316,541,269	5,082	316,546,351
New Mexico	1,065,124	1,514,536	57,999	0	256,151,227	258,788,886	5,693,525	264,482,411
Pennsylvania	11,105,789	85,913,764	48,619,870	80,401	12,031,798	157,751,622	58,179,593	215,931,215
Indiana	17,606,408	80,502,877	3,002,263	1,040,393	33,923,634	136,075,575	55,214,699	191,290,274
Illinois	14,182,449	77,437,074	7,153,809	250	49,681,178	148,454,760	27,884,951	176,339,711
Louisiana	**16,357,217**	**61,530,643**	**9,984,484**	**54,817,278**	**16,500,114**	**159,189,736**	**3,983,502**	**163,173,238**
North Carolina	**8,482,715**	**109,487,426**	**7,897,062**	**0**	**19,289,228**	**145,156,431**	**5,345,854**	**150,502,285**
Tennessee	**14,256,479**	**92,498,463**	**3,544,413**	**3,830,800**	**27,867,093**	**141,997,248**	**6,473,048**	**148,470,296**
Michigan	**7,777,084**	**69,616,724**	**865,684**	**3,459,889**	**19,822,548**	**101,541,929**	**40,435,249**	**141,977,178**
Florida	**6,354,280**	**85,133,549**	**2,094,330**	**27,505,379**	**14,923,452**	**136,010,990**	**4,368,624**	**140,379,614**
Alabama	12,237,079	71,238,684	6,163,048	45,005	41,380,693	131,064,509	8,621,102	139,685,611
Missouri	6,655,821	36,636,670	5,047,335	0	79,590,524	127,930,350	4,599,044	132,529,394
Montana	792,089	4,452,565	94,168	0	118,638,755	123,977,577	2,939,650	126,917,227
Idaho	2,288,705	4,341,489	6,540,072	0	108,094,963	121,265,229	549,080	121,814,309
Georgia	6,552,603	89,016,047	7,357,935	0	13,313,843	116,240,428	2,438,468	118,678,896
West Virginia	**4,001,716**	**71,840,613**	**7,800,433**	**38**	**11,680,203**	**95,323,003**	**8,293,530**	**103,616,533**
Kentucky	**9,137,738**	**67,465,847**	**2,791,706**	**8,613**	**17,993,054**	**97,396,958**	**5,572,411**	**102,969,369**
South Carolina	**6,958,151**	**52,681,447**	**4,572,058**	**0**	**33,467,789**	**97,679,445**	**4,753,264**	**102,432,709**
Virginia	**9,217,549**	**54,290,731**	**5,719,948**	**0**	**4,374,229**	**73,602,457**	**8,097,319**	**81,699,776**
Mississippi	**8,081,266**	**37,190,881**	**14,058,367**	**6,892,506**	**7,542,991**	**73,766,011**	**1,249,377**	**75,015,388**
New York	4,710,995	33,732,467	11,594,710	250	16,600,241	66,638,663	5,818,532	72,457,195
California	9,218,762	19,530,021	3,941,961	81,905	26,149,377	58,922,027	8,452,876	67,374,903
Wisconsin	3,965,047	35,184,302	5,627,278	0	3,234,605	48,011,232	14,835,305	62,846,537
Iowa	6,196,311	28,732,609	3,709,015	0	7,020,941	45,658,876	7,902,342	53,561,218
Oregon	3,982,042	12,579,028	3,597,715	0	26,705,630	46,864,415	2,768,832	49,633,247
Kansas	**4,330,816**	**20,400,007**	**848,125**	**1,352,672**	**8,146,066**	**35,077,686**	**9,188,819**	**44,266,505**
Arkansas	**5,977,813**	**21,492,109**	**1,843,503**	**1,248,950**	**4,366,173**	**34,928,548**	**7,811,556**	**42,740,104**
Oklahoma	**4,778,147**	**15,450,875**	**2,308,848**	**4,473,550**	**9,286,713**	**36,298,133**	**4,339,262**	**40,637,395**
Maryland	**1,297,316**	**31,760,557**	**2,553,054**	**45,000**	**2,142,319**	**37,798,246**	**1,162,566**	**38,960,812**
Washington	**4,034,764**	**19,225,651**	**3,126,558**	**0**	**4,254,483**	**30,641,456**	**3,568,539**	**34,209,995**
Colorado	1,342,235	3,636,359	2,392,817	3,975,708	15,478,671	26,825,790	5,513,847	32,339,637
Minnesota	3,275,947	13,886,141	1,424,465	0	9,668,127	28,254,680	3,844,381	32,099,061
Nebraska	2,000,655	8,540,545	10,669,938	0	4,201,003	25,412,141	5,233,680	30,645,821
New Jersey	3,373,486	14,173,663	6,499,934	4	652,942	24,700,029	4,573,869	29,273,898
North Dakota	929,755	2,621,390	102,291	0	8,784,273	12,437,709	11,450,410	23,888,119
Wyoming	**823,108**	**3,184,820**	**18,972**	**7,656,805**	**9,932,166**	**21,615,871**	**1,212,012**	**22,827,883**
South Dakota	**712,904**	**1,959,316**	**1,022,862**	**0**	**18,717,562**	**22,412,644**	**222,230**	**22,634,874**
Puerto Rico	**2,790,863**	**13,875,038**	**80,698**	**0**	**164,298**	**16,910,897**	**1,000,966**	**17,911,863**
Delaware	**722,809**	**9,034,679**	**1,126,652**	**0**	**937,927**	**11,822,067**	**3,910,967**	**15,733,034**
Massachusetts	**1,476,899**	**7,477,112**	**202,319**	**0**	**43,682**	**9,200,012**	**4,009,391**	**13,209,403**
Connecticut	1,973,551	4,335,906	995,835	0	38,106	7,343,398	3,185,218	10,528,616
Maine	1,026,035	5,752,382	1,120,939	0	861,519	8,760,875	1,176,231	9,937,106
New Hampshire	286,265	6,038,710	127,644	0	103,787	6,556,406	481,169	7,037,575
Rhode Island	607,444	1,357,610	1,880	0	505	1,967,439	343,318	2,310,757
Hawaii	201,233	1,794,453	2,057	3,849	33,634	2,035,226	85,903	2,121,129
Virgin Islands	**653,318**	**420,306**	**37,913**	**0**	**1,502**	**1,113,039**	**29,001**	**1,142,040**
Vermont	**75,523**	**115,141**	**152,219**	**0**	**1,005**	**343,888**	**191,129**	**535,017**
District of Columbia	**2,950**	**66,000**	**6**	**0**	**8,800**	**77,756**	**5**	**77,761**
American Samoa	**8,765**	**5,131**	**1**	**0**	**0**	**13,897**	**0**	**13,897**
Guam	**8,476**	**1,307**	**1,275**	**0**	**0**	**11,058**	**0**	**11,058**
Northern Marianas	2,585	481	20	0	0	3,086	0	3,086
Total	**305,466,773**	**1,782,439,292**	**248,091,651**	**267,520,510**	**4,365,078,222**	**6,968,596,449**	**441,804,147**	**7,410,400,596**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed

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

Table 17 TRI On-site and Off-site Releases by State, 1998, Original (Manufacturing) Industries
(Ordered by Total Releases)

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal Pounds	Pounds
Texas	**43,632,295**	**69,932,494**	**31,783,507**	**86,749,236**	**20,863,420**	**252,960,952**	**18,830,498**	**271,791,450**
Ohio	**17,828,215**	**47,208,092**	**5,884,324**	**13,329,724**	**30,062,795**	**114,313,150**	**45,305,731**	**159,618,881**
Louisiana	**16,324,216**	**57,311,699**	**9,905,234**	**54,307,033**	**8,184,456**	**146,032,638**	**4,120,482**	**150,153,120**
Pennsylvania	**11,010,730**	**28,198,389**	**47,976,137**	**0**	**2,182,224**	**89,367,480**	**58,394,722**	**147,762,202**
Indiana	**17,481,683**	**36,094,911**	**2,686,750**	**1,039,913**	**16,192,998**	**73,496,255**	**50,333,621**	**123,829,876**
Illinois	14,098,065	45,149,957	7,107,273	250	20,387,394	86,742,939	30,981,014	117,723,953
Utah	2,011,107	59,274,082	1,131,846	0	36,146,610	98,563,645	7,764,597	106,328,242
Tennessee	14,213,659	65,626,323	2,329,386	3,830,800	9,512,432	95,512,600	7,838,914	103,351,514
Michigan	7,685,033	34,006,508	664,017	3,459,889	2,098,002	47,913,449	35,787,572	83,701,021
Alabama	12,213,169	42,628,063	5,911,527	5	12,127,004	72,879,768	9,464,581	82,344,349
Florida	**6,236,726**	**28,704,716**	**2,044,465**	**27,505,379**	**4,074,193**	**68,565,479**	**2,520,973**	**71,086,452**
North Carolina	**8,443,755**	**36,628,017**	**7,796,240**	**0**	**10,984,353**	**63,852,365**	**5,899,368**	**69,751,733**
Georgia	**6,533,170**	**41,754,789**	**7,220,026**	**0**	**2,177,321**	**57,685,306**	**10,304,306**	**67,989,612**
Mississippi	**8,066,734**	**27,897,389**	**14,053,619**	**6,892,506**	**5,514,461**	**62,424,709**	**1,345,977**	**63,770,686**
South Carolina	**6,882,772**	**38,302,576**	**4,537,517**	**0**	**2,169,616**	**51,892,481**	**11,104,373**	**62,996,854**
Virginia	9,183,836	36,743,118	5,441,555	0	1,566,194	52,934,703	8,110,668	61,045,371
Missouri	6,471,753	23,654,083	4,887,437	0	19,722,963	54,736,236	4,667,237	59,403,473
Arizona	3,842,597	2,069,186	5,088	4	47,286,302	53,203,177	1,170,716	54,373,893
Arkansas	5,963,695	20,210,793	1,822,695	1,248,950	2,300,762	31,546,895	19,950,239	51,497,134
Montana	620,871	3,503,149	94,158	0	42,130,849	46,349,027	4,846,224	51,195,251
Wisconsin	**3,942,708**	**21,337,736**	**5,601,370**	**0**	**1,540,063**	**32,421,877**	**13,648,901**	**46,070,778**
California	**8,680,428**	**18,649,231**	**3,920,066**	**81,905**	**2,279,049**	**33,610,679**	**10,588,321**	**44,199,000**
Kentucky	**9,087,455**	**22,609,967**	**1,273,818**	**8,613**	**4,143,079**	**37,122,932**	**6,299,625**	**43,422,557**
Iowa	**6,178,837**	**19,536,711**	**3,692,798**	**0**	**2,255,674**	**31,664,020**	**9,320,349**	**40,984,369**
New York	**4,586,600**	**17,306,652**	**11,421,142**	**250**	**210,258**	**33,524,902**	**5,883,824**	**39,408,726**
Oregon	3,961,214	12,383,350	3,597,677	0	2,390,727	22,332,968	11,648,450	33,981,418
Kansas	4,288,261	15,433,284	840,590	1,352,672	1,759,847	23,674,654	9,209,614	32,884,268
Washington	3,979,019	18,023,429	3,125,695	0	320,859	25,449,002	5,850,756	31,299,758
West Virginia	3,563,501	8,908,295	7,429,646	20	43,562	19,945,024	6,399,492	26,344,516
Oklahoma	4,767,927	12,341,863	2,246,974	3,363,799	805,622	23,526,185	2,753,387	26,279,572
New Mexico	**830,560**	**718,706**	**49,523**	**0**	**23,285,554**	**24,884,343**	**109,396**	**24,993,739**
Nebraska	**1,975,272**	**4,480,670**	**10,549,178**	**0**	**541,002**	**17,546,122**	**6,798,293**	**24,344,415**
Idaho	**2,262,444**	**4,298,749**	**6,532,148**	**0**	**10,235,212**	**23,328,553**	**596,183**	**23,924,736**
Minnesota	**3,267,819**	**12,821,741**	**1,407,078**	**0**	**287,772**	**17,784,410**	**2,857,212**	**20,641,622**
New Jersey	**3,177,891**	**6,373,510**	**6,462,172**	**4**	**341,042**	**16,354,619**	**4,228,510**	**20,583,129**
Maryland	1,261,496	6,944,048	2,420,279	0	1,994,661	12,620,484	674,973	13,295,457
Maine	1,015,415	5,666,696	1,120,839	0	861,519	8,664,469	1,161,429	9,825,898
Wyoming	819,909	917,401	6,325	7,656,805	40,649	9,441,089	345,911	9,787,000
Delaware	717,317	3,539,220	1,066,912	0	347,348	5,670,797	3,730,574	9,401,371
Connecticut	1,900,271	2,965,298	995,751	0	38,106	5,899,426	2,174,937	8,074,363
Massachusetts	**1,329,585**	**3,541,048**	**192,316**	**0**	**4,347**	**5,067,296**	**2,363,593**	**7,430,889**
Puerto Rico	**2,561,158**	**3,938,799**	**18,575**	**0**	**9,557**	**6,528,089**	**741,419**	**7,269,508**
Colorado	**1,168,521**	**1,812,926**	**2,387,311**	**0**	**78,414**	**5,447,172**	**1,098,162**	**6,545,334**
Nevada	**579,806**	**1,188,485**	**0**	**0**	**2,419,871**	**4,188,162**	**22,772**	**4,210,934**
South Dakota	**609,781**	**1,783,002**	**808,061**	**0**	**13,807**	**3,214,651**	**125,225**	**3,339,876**
New Hampshire	286,217	2,012,075	127,644	0	82,087	2,508,023	438,995	2,947,018
North Dakota	909,158	1,376,918	43,280	0	2,506	2,331,862	148,217	2,480,079
Alaska	478,945	1,361,325	96,453	256	157	1,937,136	11,086	1,948,222
Rhode Island	596,911	864,356	1,519	0	505	1,463,291	327,783	1,791,074
Virgin Islands	653,038	362,229	37,903	0	1,502	1,054,672	29,138	1,083,810
Vermont	**75,523**	**115,141**	**152,219**	**0**	**1,005**	**343,888**	**195,395**	**539,283**
Hawaii	**161,163**	**214,953**	**2,057**	**3,849**	**33,634**	**415,656**	**20,175**	**435,831**
District of Columbia	**2,700**	**0**	**6**	**0**	**8,800**	**11,506**	**5**	**11,511**
American Samoa	**8,750**	**0**	**0**	**0**	**0**	**8,750**	**0**	**8,750**
Guam	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Northern Marianas	0	0	0	0	0	0	0	0
Total	**298,429,681**	**978,726,148**	**240,910,126**	**210,831,862**	**352,062,146**	**2,080,959,963**	**448,543,915**	**2,529,503,878**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed.

Table 18 TRI On-site and Off-site Releases by State, 1998, New Industries (Ordered by Total Releases)

State	On-site Releases					Total On-site Releases	Off-site Releases	Total On- and Off-site Releases
	Fugitive or Nonpoint Air Emissions Pounds	Stack or Point Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	Releases to Land Pounds	Pounds	Transfers Off-site to Disposal Pounds	Pounds
Nevada	**1,301,180**	**1,293,228**	**241,523**	**1,404**	**1,302,966,439**	**1,305,803,774**	**309,452**	**1,306,113,226**
Arizona	**453,539**	**3,764,667**	**1,148**	**0**	**1,011,265,603**	**1,015,484,957**	**73,605**	**1,015,558,562**
Utah	**137,996**	**3,296,441**	**14,935**	**0**	**469,945,669**	**473,395,041**	**368,146**	**473,763,187**
Alaska	**576,776**	**606,175**	**1,324**	**29,024,000**	**284,395,858**	**314,604,133**	**4,801**	**314,608,934**
New Mexico	**234,564**	**795,830**	**8,476**	**0**	**232,865,673**	**233,904,543**	**5,584,140**	**239,488,683**
Ohio	260,914	95,455,342	388,832	15,441,000	64,445,685	175,991,773	13,682,632	189,674,405
Idaho	26,261	42,740	7,924	0	97,859,751	97,936,676	73	97,936,749
North Carolina	38,960	72,859,409	100,822	0	8,304,875	81,304,066	688,889	81,992,955
Pennsylvania	95,059	57,715,375	643,733	80,401	9,849,574	68,384,142	10,804,992	79,189,134
Montana	171,218	949,416	10	0	76,507,906	77,628,550	246,350	77,874,900
West Virginia	**438,215**	**62,932,318**	**370,787**	**18**	**11,636,641**	**75,377,979**	**1,959,041**	**77,337,020**
Indiana	**124,725**	**44,407,966**	**315,513**	**480**	**17,730,636**	**62,579,320**	**12,621,776**	**75,201,096**
Missouri	**184,068**	**12,982,587**	**159,898**	**0**	**59,867,561**	**73,194,114**	**4,223**	**73,198,337**
Florida	**117,554**	**56,428,833**	**49,865**	**0**	**10,849,259**	**67,445,511**	**2,531,777**	**69,977,288**
Illinois	**84,384**	**32,287,117**	**46,536**	**0**	**29,293,784**	**61,711,821**	**5,399,481**	**67,111,302**
Kentucky	50,283	44,855,880	1,517,888	0	13,849,975	60,274,026	649,251	60,923,277
Michigan	92,051	35,610,216	201,667	0	17,724,546	53,628,480	5,718,204	59,346,684
Alabama	23,910	28,610,621	251,521	45,000	29,253,689	58,184,741	531,501	58,716,242
Georgia	19,433	47,261,258	137,909	0	11,136,522	58,555,122	2,544	58,557,666
Texas	466,322	7,835,629	46,183	6,455,641	31,476,440	46,280,215	11,946,266	58,226,481
Tennessee	**42,820**	**26,872,140**	**1,215,027**	**0**	**18,354,661**	**46,484,648**	**577,195**	**47,061,843**
South Carolina	**75,379**	**14,378,871**	**34,541**	**0**	**31,298,173**	**45,786,964**	**275,042**	**46,062,006**
New York	**124,395**	**16,425,815**	**173,568**	**0**	**16,389,983**	**33,113,761**	**555,836**	**33,669,597**
Colorado	**173,714**	**1,823,433**	**5,506**	**3,975,708**	**15,400,257**	**21,378,618**	**4,797,683**	**26,176,301**
Maryland	**35,820**	**24,816,509**	**132,775**	**45,000**	**147,658**	**25,177,762**	**509,326**	**25,687,088**
California	538,334	880,791	21,895	0	23,870,328	25,311,348	341,137	25,652,485
Oregon	20,828	195,678	38	0	24,314,903	24,531,447	21,657	24,553,104
North Dakota	20,597	1,244,472	59,011	0	8,781,767	10,105,847	11,302,469	21,408,316
Virginia	33,713	17,547,613	278,393	0	2,808,035	20,667,754	370,603	21,038,357
South Dakota	103,123	176,314	214,801	0	18,703,755	19,197,993	97,005	19,294,998
Wisconsin	**22,339**	**13,846,566**	**25,908**	**0**	**1,694,542**	**15,589,355**	**2,297,025**	**17,886,380**
Iowa	**17,474**	**9,195,898**	**16,217**	**0**	**4,765,267**	**13,994,856**	**1,040,966**	**15,035,822**
Oklahoma	**10,220**	**3,109,012**	**61,874**	**1,109,751**	**8,481,091**	**12,771,948**	**1,760,195**	**14,532,143**
Wyoming	**3,199**	**2,267,419**	**12,647**	**0**	**9,891,517**	**12,174,782**	**1,169,392**	**13,344,174**
Louisiana	**33,001**	**4,218,944**	**79,250**	**510,245**	**8,315,658**	**13,157,098**	**154,129**	**13,311,227**
Minnesota	8,128	1,064,400	17,387	0	9,380,355	10,470,270	1,156,994	11,627,264
Kansas	42,555	4,966,723	7,535	0	6,386,219	11,403,032	109,640	11,512,672
Mississippi	14,532	9,293,492	4,748	0	2,028,530	11,341,302	751	11,342,053
Puerto Rico	229,705	9,936,239	62,123	0	154,741	10,382,808	271,514	10,654,322
New Jersey	195,595	7,800,153	37,762	0	311,900	8,345,410	414,419	8,759,829
Nebraska	**25,383**	**4,059,875**	**120,760**	**0**	**3,660,001**	**7,866,019**	**190,056**	**8,056,075**
Washington	**55,745**	**1,202,222**	**863**	**0**	**3,933,624**	**5,192,454**	**1,813,895**	**7,006,349**
Delaware	**5,492**	**5,495,459**	**59,740**	**0**	**590,579**	**6,151,270**	**264,462**	**6,415,732**
Massachusetts	**147,314**	**3,936,064**	**10,003**	**0**	**39,335**	**4,132,716**	**1,811,579**	**5,944,295**
New Hampshire	**48**	**4,026,635**	**0**	**0**	**21,700**	**4,048,383**	**49,870**	**4,098,253**
Arkansas	14,118	1,281,316	20,808	0	2,065,411	3,381,653	432,623	3,814,276
Connecticut	73,280	1,370,608	84	0	0	1,443,972	1,162,485	2,606,457
Hawaii	40,070	1,579,500	0	0	0	1,619,570	82,635	1,702,205
Rhode Island	10,533	493,254	361	0	0	504,148	36,656	540,804
Maine	10,620	85,686	100	0	0	96,406	17,164	113,570
District of Columbia	**250**	**66,000**	**0**	**0**	**0**	**66,250**	**0**	**66,250**
Virgin Islands	**280**	**58,077**	**10**	**0**	**0**	**58,367**	**35**	**58,402**
Guam	**8,476**	**1,307**	**1,275**	**0**	**0**	**11,058**	**0**	**11,058**
American Samoa	**15**	**5,131**	**1**	**0**	**0**	**5,147**	**0**	**5,147**
Northern Marianas	**2,585**	**481**	**20**	**0**	**0**	**3,086**	**0**	**3,086**
Total	**7,037,092**	**803,713,145**	**7,181,525**	**56,688,648**	**4,013,016,076**	**4,887,636,486**	**106,211,582**	**4,993,848,068**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed

Table 19 TRI On-site and Off-site Releases by State, 1995-2000 (Ordered by Total Releases, 2000)

State	Total On-site and Off-site Releases					
	1995 Pounds	1996 Pounds	1997 Pounds	1998* Pounds	1999* Pounds	2000* Pounds
Texas	**310,738,357**	**270,134,217**	**266,425,833**	**271,791,450**	**261,754,216**	**247,328,540**
Ohio	**155,679,025**	**161,252,220**	**163,302,282**	**159,618,881**	**151,522,399**	**142,660,420**
Pennsylvania	**131,648,994**	**121,775,015**	**147,042,294**	**147,762,202**	**140,864,595**	**141,260,079**
Indiana	**116,513,413**	**121,176,972**	**130,878,009**	**123,829,876**	**134,813,671**	**138,076,375**
Louisiana	**159,168,910**	**160,928,158**	**152,790,690**	**150,153,120**	**138,251,304**	**134,834,217**
Utah	79,904,280	88,102,563	103,937,970	106,328,242	88,828,350	109,780,613
Illinois	122,359,451	117,285,959	127,574,024	117,723,953	108,793,985	105,420,313
Tennessee	118,089,095	117,965,834	108,328,716	103,351,514	104,214,546	96,103,617
Alabama	116,065,659	106,161,444	97,005,811	82,344,349	79,979,237	81,894,730
Florida	58,466,339	69,822,895	71,114,509	71,086,452	74,777,138	74,317,582
Georgia	**63,827,604**	**64,928,684**	**75,853,565**	**67,989,612**	**68,316,328**	**65,058,792**
Mississippi	**69,428,922**	**68,225,276**	**71,135,225**	**63,770,686**	**62,644,172**	**63,308,105**
North Carolina	**87,924,230**	**86,652,512**	**78,401,763**	**69,751,733**	**67,554,384**	**62,096,370**
South Carolina	**62,956,450**	**61,939,712**	**63,801,941**	**62,996,854**	**67,085,314**	**61,431,083**
Michigan	**104,111,338**	**95,651,286**	**87,562,656**	**83,701,021**	**73,466,204**	**60,511,310**
Missouri	62,023,427	63,238,282	63,899,455	59,403,473	56,517,790	58,460,374
Arkansas	39,984,677	43,958,677	61,282,386	51,497,134	51,169,207	58,073,920
Virginia	64,344,308	63,126,597	62,617,248	61,045,371	60,885,787	57,761,880
Montana	43,931,034	48,499,594	43,593,544	51,195,251	49,991,721	52,201,518
California	56,897,722	55,034,997	45,441,669	44,199,000	41,550,403	42,384,872
Kentucky	**52,248,223**	**52,172,756**	**49,127,090**	**43,422,557**	**43,174,891**	**41,087,970**
Iowa	**39,935,610**	**36,151,833**	**34,963,545**	**40,984,369**	**41,053,548**	**40,783,886**
Arizona	**40,458,932**	**79,577,238**	**64,570,561**	**54,373,893**	**50,892,720**	**39,487,372**
Wisconsin	**47,844,006**	**46,587,993**	**53,763,205**	**46,070,778**	**41,938,319**	**38,263,571**
New York	**46,747,464**	**42,144,214**	**42,298,795**	**39,408,726**	**36,260,294**	**31,631,482**
Oregon	28,668,682	29,668,710	30,134,113	33,981,418	31,200,295	31,183,982
Kansas	29,597,612	26,959,350	30,145,523	32,884,268	36,816,419	30,938,344
Nebraska	16,985,467	15,568,507	20,020,769	24,344,415	23,380,262	25,789,414
Washington	28,665,204	27,874,480	30,874,070	31,299,758	24,205,853	24,620,913
Oklahoma	31,991,627	27,960,959	27,252,527	26,279,572	23,497,548	23,690,135
Idaho	**16,070,326**	**18,464,681**	**18,972,658**	**23,924,736**	**28,221,906**	**23,091,401**
Minnesota	**25,492,093**	**22,888,759**	**21,184,370**	**20,641,622**	**20,659,544**	**19,578,062**
New Jersey	**22,238,933**	**20,090,573**	**21,866,315**	**20,583,129**	**19,048,614**	**18,554,947**
West Virginia	**33,019,670**	**29,775,361**	**25,021,112**	**26,344,516**	**21,568,173**	**17,145,906**
Maryland	**18,190,447**	**13,162,664**	**14,044,895**	**13,295,457**	**13,641,747**	**15,712,147**
Wyoming	11,276,641	9,666,901	9,279,018	9,787,000	10,434,692	11,627,388
Maine	11,514,875	9,643,377	9,924,859	9,825,898	10,061,761	10,299,218
Delaware	8,565,076	7,853,478	8,586,461	9,401,371	7,725,145	7,643,017
Colorado	5,408,113	6,227,921	6,060,747	6,545,334	7,506,693	6,998,141
Connecticut	12,296,033	9,581,972	10,563,103	8,074,363	6,581,893	6,416,149
Puerto Rico	**10,140,521**	**9,078,094**	**8,057,693**	**7,269,508**	**6,722,753**	**6,383,560**
Massachusetts	**10,281,884**	**8,317,567**	**7,377,443**	**7,430,889**	**5,698,110**	**5,576,566**
Nevada	**3,935,174**	**3,814,669**	**4,475,411**	**4,210,934**	**5,727,526**	**4,455,726**
South Dakota	**4,199,868**	**3,747,281**	**4,243,546**	**3,339,876**	**3,526,744**	**3,977,079**
New Hampshire	**2,925,757**	**2,979,906**	**2,874,895**	**2,947,018**	**3,160,559**	**2,859,206**
North Dakota	2,932,742	2,325,272	2,421,935	2,480,079	2,611,329	2,228,724
Alaska	6,840,330	6,908,783	4,618,294	1,948,222	1,718,387	1,977,111
Rhode Island	3,409,299	2,402,671	2,225,383	1,791,074	1,318,942	1,186,327
New Mexico	45,093,600	44,548,369	41,967,718	24,993,739	20,506,859	839,240
Virgin Islands	1,492,942	1,505,334	1,427,872	1,083,810	699,184	605,636
Hawaii	**656,692**	**540,267**	**450,463**	**435,831**	**400,953**	**538,755**
Vermont	**756,200**	**708,722**	**772,648**	**539,283**	**576,150**	**398,484**
American Samoa	**5,300**	**10,500**	**7,000**	**8,750**	**10,500**	**16,780**
District of Columbia	**56,970**	**9,460**	**6,615**	**11,511**	**18,096**	**13,257**
Guam	**3,100**	**3,000**	**0**	**0**	**0**	**0**
Total	**2,644,008,648**	**2,604,782,516**	**2,631,570,242**	**2,529,503,878**	**2,433,547,161**	**2,348,564,604**

Note: Does not include PBT chemicals, vanadium and vanadium compounds since these chemicals were added in 2000 or their reporting definition changed

* Includes amounts for original industries (Manufacturing) only for 1998, 1999 and 2000 One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis

Table 20 TRI On-site and Off-site Releases by State, 1988, 1995-2000 (Ordered by Total Releases, 2000)

State	Total On-site and Off-site Releases						
	1988 Pounds	1995 Pounds	1996 Pounds	1997 Pounds	1998* Pounds	1999* Pounds	2000* Pounds
Texas	321,577,820	209,429,214	185,682,277	179,961,539	173,496,940	169,060,229	153,353,067
Ohio	205,694,553	124,850,006	129,032,587	132,310,300	128,687,863	118,735,382	111,027,301
Indiana	184,434,062	94,375,620	101,262,969	111,968,149	107,333,901	114,436,479	107,659,883
Utah	123,806,702	69,448,989	77,709,907	96,508,119	99,566,067	82,740,312	103,544,631
Pennsylvania	136,179,383	97,533,140	86,982,838	96,025,520	89,446,253	82,867,297	89,539,344
Tennessee	126,817,343	99,830,267	100,269,808	90,220,240	85,250,264	88,939,475	81,817,775
Louisiana	129,420,427	104,585,037	105,816,139	95,302,222	93,458,891	79,153,978	80,493,561
Illinois	140,573,584	86,651,438	82,933,998	92,386,616	84,464,905	81,387,234	79,081,479
Alabama	110,922,290	100,804,573	90,005,807	80,185,698	66,803,571	63,009,388	56,786,556
Michigan	141,123,476	90,390,844	81,932,475	75,321,503	73,634,263	64,557,147	52,349,598
Missouri	91,070,880	50,604,985	50,177,788	53,103,036	48,656,778	47,782,664	51,612,893
South Carolina	66,039,899	49,929,719	49,602,560	52,597,020	51,284,465	56,793,611	51,231,521
Montana	35,625,165	42,644,621	47,219,566	42,565,595	50,413,720	48,910,116	51,220,963
Arkansas	40,996,723	26,486,070	31,523,129	50,219,350	40,313,189	40,468,391	47,154,825
Georgia	85,765,368	42,851,048	43,157,003	53,405,348	47,124,448	45,961,060	44,010,160
Mississippi	59,651,911	46,611,487	47,130,655	46,567,368	40,907,258	40,057,285	41,797,977
North Carolina	124,100,458	63,685,423	63,434,791	55,387,725	48,868,440	46,318,110	40,452,336
Arizona	66,277,785	38,292,775	77,870,115	63,504,206	53,507,482	50,244,633	38,791,909
Virginia	112,416,988	40,821,801	39,956,357	41,468,713	39,960,002	39,936,289	35,158,990
Florida	33,072,117	28,500,582	34,208,057	31,706,248	30,717,560	29,792,284	31,853,173
Wisconsin	62,274,220	34,815,630	33,178,210	34,087,492	33,859,160	31,899,806	28,857,383
Kentucky	65,721,292	34,300,302	33,347,992	35,180,922	31,196,969	31,114,788	28,001,161
Iowa	42,934,452	22,724,494	19,464,077	20,220,714	25,176,756	25,828,508	25,599,633
Oregon	21,644,797	22,284,500	23,542,120	23,830,178	28,145,143	25,721,830	25,234,485
California	110,115,278	37,678,890	35,676,523	28,195,957	27,820,113	24,741,625	24,613,903
New York	100,843,418	31,621,596	28,555,348	28,308,657	22,502,618	22,597,084	18,011,770
Kansas	30,432,061	17,782,791	17,447,869	18,924,428	17,661,135	20,440,814	16,929,946
Washington	30,580,855	22,674,180	22,173,303	24,717,421	24,383,461	17,283,345	16,899,193
Minnesota	55,926,652	18,495,027	17,196,449	15,641,746	15,104,394	14,702,365	14,693,656
Oklahoma	30,500,648	16,402,187	15,523,156	15,596,041	14,284,615	13,834,077	13,748,552
Idaho	7,322,393	12,031,656	13,788,949	12,910,189	12,781,628	14,807,741	13,040,641
Nebraska	17,118,171	11,329,577	8,869,402	13,931,830	10,239,069	8,971,266	11,743,506
New Jersey	48,348,925	14,720,546	12,856,468	14,173,661	11,837,964	11,839,110	11,624,395
Maryland	20,174,210	11,926,623	9,347,805	9,852,302	8,770,454	9,090,566	10,597,834
West Virginia	39,652,656	19,945,903	17,636,966	15,250,550	16,316,831	11,768,140	10,229,984
Maine	15,545,584	6,963,175	5,607,312	6,300,525	6,596,541	5,929,349	6,285,656
Delaware	8,670,965	5,686,997	4,887,918	5,868,525	5,871,162	5,316,024	5,616,395
Puerto Rico	12,868,595	8,875,886	7,932,881	7,170,123	6,578,349	5,881,742	5,612,529
Massachusetts	32,241,203	8,937,499	7,170,834	6,446,078	6,659,443	5,082,715	4,927,004
Connecticut	38,469,275	9,301,679	7,369,208	8,433,209	6,090,141	4,508,778	4,482,680
Nevada	2,357,318	3,392,483	3,331,244	4,048,209	3,689,730	5,392,857	4,089,052
Colorado	15,722,607	3,287,329	2,974,378	2,757,737	3,254,427	3,089,266	2,838,741
New Hampshire	13,975,968	2,251,591	2,260,437	2,370,165	2,322,755	2,482,914	2,295,567
Wyoming	1,978,542	1,246,678	1,235,602	1,252,171	1,284,341	1,588,687	1,526,965
South Dakota	2,370,743	1,918,587	1,416,920	1,348,332	1,376,713	1,086,971	1,208,263
Rhode Island	7,818,730	3,181,398	2,252,956	2,064,200	1,646,825	1,177,550	1,082,516
North Dakota	1,162,780	1,206,639	773,687	794,419	1,075,999	998,822	761,358
New Mexico	30,426,504	43,452,109	42,795,317	40,106,889	23,801,419	20,035,159	549,985
Virgin Islands	2,592,912	1,235,660	1,232,275	1,184,171	916,521	543,292	471,556
Hawaii	847,805	562,284	448,355	343,620	306,151	267,212	413,374
Alaska	3,714,069	2,158,743	1,683,698	779,835	314,358	208,583	217,560
Vermont	1,661,916	562,610	353,789	346,203	243,959	240,147	170,392
District of Columbia	750	56,970	9,460	6,615	11,511	18,096	13,062
American Samoa	0	0	0	0	0	0	0
Guam	0	3,100	3,000	0	0	0	0
Total	3,211,583,228	1,941,342,958	1,928,252,734	1,943,157,629	1,826,016,915	1,739,640,594	1,661,326,638

Note: Does not include delisted chemicals, chemicals added in 1990, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, PBT chemicals, sulfuric acid, vanadium and vanadium compounds

* Includes amounts for original industries (Manufacturing) only for 1998, 1999 and 2000 One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2000 and previous years has been included in the new industry category SIC code 10 for the purpose of this analysis.

STATE FACT SHEETS

2000 Toxics Release Inventory

ALABAMA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	62,480,835	72,697,611	135,178,446
Air Emissions	47,409,616	33,755,989	81,165,605
Surface Water Discharges	6,634,821	223,431	6,858,252
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	5	154,019	154,024
On-site Land Releases to RCRA Subtitle C Landfills	30,171	20,859,447	20,889,618
Other On-site Land Releases	8,406,222	17,704,726	26,110,948
Off-site Releases (Transfers Off-site to Disposal)*	14,848,750	609,508	15,458,258
Total On- and Off-site Releases	**77,329,585**	**73,307,119**	**150,636,704**
Recycled On-site	2,313,571,322	2,178,285	2,315,749,607
Recycled Off-site	48,441,526	129,154	48,570,680
Energy Recovery On-site	43,936,825	0	43,936,825
Energy Recovery Off-site	29,907,821	761,604	30,669,425
Treated On-site	266,769,665	11,809,739	278,579,404
Treated Off-site**	25,396,583	306,449	25,703,032
Quantity Released On- and Off-site***	80,318,697	73,835,166	154,153,863
Total Production-related Waste Managed	**2,808,342,440**	**89,020,397**	**2,897,362,837**
Non-production-related Waste Managed	**376,182**	**1**	**376,183**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	44,179,803	131,300	44,311,103
Energy Recovery	31,339,506	597,563	31,937,069
Treatment	17,221,846	131,709	17,353,555
Publicly Owned Treatment Works (POTWs)	5,121,145	1	5,121,146
Metals and Metal Compounds*	17,463	0	17,463
Non-metal TRI Chemicals**	5,103,682	1	5,103,683
Other Off-site Transfers****	207,800	500	208,300
Transfers Off-site to Disposal *(not including metals to POTWs)*	19,794,594	622,182	20,416,776
Total Transfers Off-site for Further Waste Management/Disposal	**117,864,694**	**1,483,255**	**119,347,949**

* Transfers to POTWs of metals and metal 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 . . .

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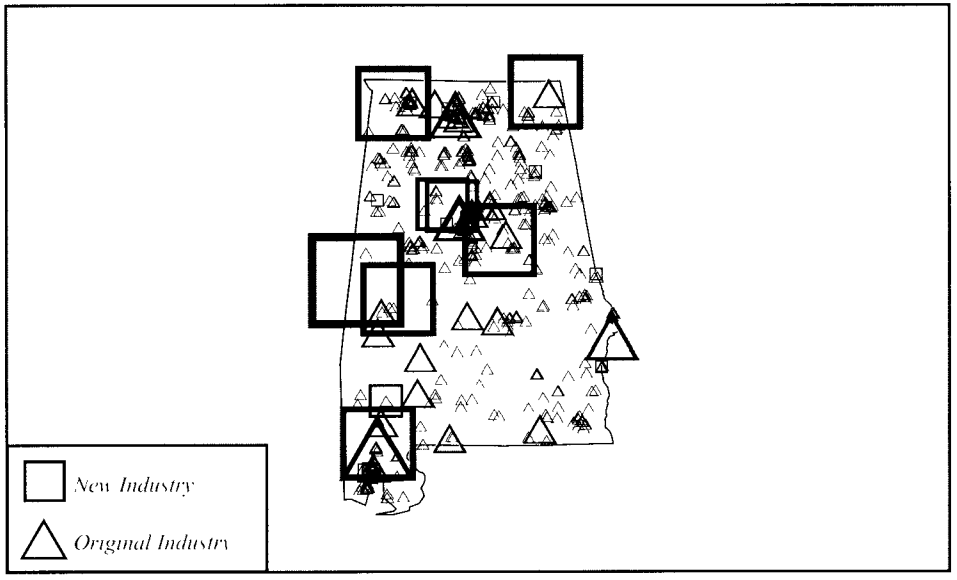
tri.us@epa.gov



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

State/TRI Data	
Population	4,451,493
Square Miles	50,750
Total Facilities	542
Total Forms	2,336
Form As	310

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	9	11	12
Pounds	77,329,585	73,307,119	150,636,704
National Rank for Total On-site Releases**			
Rank	11	9	13
Pounds	62,480,835	72,697,611	135,178,446
National Rank for Total Releases within State***			
Rank	11	12	14
Pounds	72,978,319	73,019,299	145,997,618
National Rank for Production-related Waste Managed			
Rank	3	18	3
Pounds	2,808,342,440	89,020,397	2,897,362,837

* 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.

2000 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**	**28,492,683**	**0**	**0**	**0**	**17,348**	**28,510,031**	**0**	**0**	**17,348**
—	Nitrate compounds	1,810	5,145,106	0	20,040	7,899,386	13,066,342	6	9,328	7,890,058
—	**Copper compounds**	**25,437**	**21,433**	**0**	**12,406,258**	**183,103**	**12,636,231**	**597,263**	**126,961**	**56,363**
—	Barium compounds	101,319	155,749	98,000	11,633,990	298,875	12,287,933	52,976	341,214	14,687
67-56-1	**Methanol**	**10,778,179**	**97,207**	**0**	**93,330**	**853,467**	**11,822,183**	**3,271**	**8,267**	**845,332**

* 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

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
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**167.62**	**0.00**	**0.00**	**530,700.00**	**0.00**	**530,867.62**	**3,775.32**	**48.10**	**0.00**
—	Polycyclic aromatic compounds	20,584.88	503.03	0.00	14,509.27	56,646.17	92,243.35	28.01	34,851.80	21,794.37
—	**Mercury compounds**	**4,887.27**	**48.82**	**19.00**	**33,612.24**	**1,940.40**	**40,507.73**	**7,546.05**	**21.40**	**1,927.00**
1582-09-8	Trifluralin	3.10	0.00	0.00	9,978.00	0.00	9,981.10	170.00	0 00	0.00
57-74-9	**Chlordane**	**2.00**	**0.00**	**0.00**	**6,530.00**	**0.00**	**6,532.00**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	5,570.96	3.91	0.00	760.12	162.56	6,497.55	0.00	145 82	16.74
8001-35-2	**Toxaphene**	**0.00**	**0.00**	**0.00**	**2,766.00**	**0.00**	**2,766.00**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	1,703.96	2.50	0.00	118.41	490.45	2,315.32	548.12	131.65	358.80
79-94-7	**Tetrabromobisphenol A**	**1,136.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,136.00**	**0.00**	**0.00**	**0.00**
118-74-1	Hexachlorobenzene	0.04	0.00	0.00	737.00	22.00	759.04	44.00	8.00	14.00
608-93-5	**Pentachlorobenzene**	**0.00**	**0.00**	**0.00**	**612.00**	**0.00**	**612.00**	**0.00**	**0.00**	**0.00**
72-43-5	Methoxychlor	0.00	0.00	0.00	236.00	0.00	236.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**1.99**	**0.29**	**0.00**	**0.07**	**0.20**	**2.54**	**8.32**	**0.08**	**0.12**
—	*Dioxin and dioxin-like compounds (in grams)*	*902.253*	*130 657*	*0.000*	*31 344*	*89 775*	*1,154.028*	*3,772 346*	*35.504*	*54.271*
309-00-2	**Aldrin**	**—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Chemical Waste Management, Emelle, Sumter	**5,126**	**0**	**0**	**0**	**20,859,447**	**0**	**20,864,573**	**88,852**	**306,287**
Acordis Cellulosic Fibers Inc., Axis, Mobile	11,259,970	21,780	0	0	0	296,000	11,577,750	0	0
Alabama Power Co. Plant Greene County, Forkland, Greene	**9,545,155**	**6,456**	**0**	**0**	**0**	**826,775**	**10,378,386**	**5**	**0**
Alabama Power Co. Plant Gaston, Wilsonville, Shelby	4,025,004	39,614	0	0	0	4,667,103	8,731,721	0	0
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	**5,249,909**	**9,134**	**0**	**0**	**0**	**1,975,859**	**7,234,901**	**1,035**	**0**
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	4,626,792	81,924	0	0	0	2,316,257	7,024,973	41,157	0
Alabama Power Co. Plant Barry, Bucks, Mobile	**4,845,455**	**13,970**	**0**	**0**	**0**	**1,616,802**	**6,476,227**	**0**	**0**
Alabama Power Co. Plant Gorgas, Parrish, Walker	2,711,815	19,195	0	0	0	2,439,386	5,170,396	0	0
Alabama Power Co. Plant Miller, Quinton, Jefferson	**1,311,466**	**8,754**	**0**	**0**	**0**	**3,546,228**	**4,866,447**	**5**	**0**
Solutia Inc., Decatur, Morgan	1,441,483	1,579,942	0	0	0	0	3,021,425	48,440	0

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

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
Chemical Waste Management, Emelle, Sumter	**172.24**	**0.00**	**0.00**	**0.00**	**596,149.02**	**0.00**	**596,321.26**	**52.00**	**1,905.00**
Decatur Transit Inc., Decatur, Morgan	15,144.00	0.00	0.00	0.00	0 00	0.00	15,144.00	0.00	0.00
Russell Corp., Alexander city, Tallapoosa	**3,570.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,570.00**	**0.00**	**0.00**
3M, Decatur, Morgan	2,100.00	0.00	0.00	0.00	0.00	0.00	2,100.00	0.00	0.00
Alabama Power Co. Plant Miller, Quinton, Jefferson	**1,405.50**	**0.00**	**0.00**	**0.00**	**0.00**	**204.80**	**1,610.30**	**0.00**	**0.00**
Koppers Inds. Inc. Woodward Tar Plant, Dolomite, Jefferson	1,391.00	66.00	0.00	0.00	0.00	0.00	1,457.00	0.00	0.00
Alabama Power Co. Plant Gaston, Wilsonville, Shelby	**870.00**	**0.00**	**0.00**	**0.00**	**0.00**	**209.00**	**1,079.00**	**0.00**	**0.00**
Occidental Chemical Corp., Muscle Shoals, Colbert	1,074.70	2.50	0.00	0.00	0.00	0.00	1,077.20	0.00	358.80
Black Warrior Roofing, Tuscaloosa, Tuscaloosa	**274.00**	**0.00**	**0.00**	**0.00**	**0.00**	**564.00**	**838.00**	**564.00**	**0.00**
Elk Corp. of Alabama, Tuscaloosa, Tuscaloosa	3.35	0.00	0.00	0.00	0.00	768.00	771.35	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, Emelle, Sumter	0	0	0	0	0	306,449	21,066,748	21,373,197	0
Acordis Cellulosic Fibers Inc., Axis, Mobile	19,490,000	0	0	0	812,000	0	11,619,000	31,921,000	0
Alabama Power Co. Plant Greene County, Forkland, Greene	0	0	0	0	0	0	10,378,388	10,378,388	0
Alabama Power Co. Plant Gaston, Wilsonville, Shelby	0	0	0	0	0	0	8,731,721	8,731,721	0
UOP L.L.C., Chickasaw, Mobile	0	0	0	0	89,100	0	8,540,490	8,629,590	0
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	0	0	0	0	773,000	0	7,246,392	8,019,392	0
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	0	0	0	0	7,706,000	0	7,048,729	14,754,729	0
Alabama Power Co. Plant Barry, Bucks, Mobile	0	0	0	0	0	0	6,476,227	6,476,227	0
Alabama Power Co. Plant Gorgas, Parrish, Walker	0	0	0	0	0	0	5,170,385	5,170,385	0
Alabama Power Co. Plant Miller, Quinton, Jefferson	0	0	0	0	0	0	4,866,451	4,866,451	0

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

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	0	0	0	0	10,849	608,965	619,814	0
Michelin N.A. Inc., Opelika, Lee	100,000	8,400	0	0	0	0	33,000	141,400	0
Michelin N.A. Inc., Tuscaloosa, Tuscaloosa	82,000	31,000	0	0	0	0	19,000	132,000	0
Decatur Transit Inc., Decatur, Morgan	0	0	0	0	0	0	15,144	15,144	0
Russell Corp., Alexander City, Tallapoosa	0	0	0	0	0	0	3,570	3,570	0
Michelin N.A. Inc., Dothan, Dale	38,000	3,500	0	0	0	0	2,200	43,700	0
3M, Decatur, Morgan	0	0	0	0	0	0	2,100	2,100	0
Alabama Power Co. Plant Miller, Quinton, Jefferson	0	0	0	0	0	0	1,610	1,610	0
Koppers Inds. Inc. Woodward Tar Plant, Dolomite, Jefferson	35,900	0	0	0	13,500	2,852	1,497	53,749	0
Occidental Chemical Corp., Muscle Shoals, Colbert	20,000	0	0	0	0	0	1,436	21,436	0

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

2000 Toxics Release Inventory

ALASKA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	1,976,439	533,508,500	535,484,939
Air Emissions	1,869,804	983,579	2,853,383
Surface Water Discharges	101,707	1,946	103,653
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	256	36,790,367	36,790,623
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	4,672	495,732,608	495,737,280
Off-site Releases (Transfers Off-site to Disposal)*	2	4,330	4,332
Total On- and Off-site Releases	**1,976,440**	**533,512,830**	**535,489,271**
Recycled On-site	96,085	1,335,016	1,431,101
Recycled Off-site	0	1	1
Energy Recovery On-site	450,000	0	450,000
Energy Recovery Off-site	81	1,351	1,432
Treated On-site	1,962,690	500,306	2,462,996
Treated Off-site**	1,362	378	1,740
Quantity Released On- and Off-site***	1,966,329	532,321,010	534,287,339
Total Production-related Waste Managed	**4,476,547**	**534,158,062**	**538,634,609**
Non-production-related Waste Managed	**23,842**	**0**	**23,842**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	12	99	111
Energy Recovery	530	1,274	1,804
Treatment	2,442	146	2,588
Publicly Owned Treatment Works (POTWs)	5	29,213	29,218
Metals and Metal Compounds*	0	4,203	4,203
Non-metal TRI Chemicals**	5	25,010	25,015
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	752	127	879
Total Transfers Off-site for Further Waste Management/Disposal	**3,741**	**30,860**	**34,601**

* Transfers to POTWs of metals and metal 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 . . .

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(202) 566-0250
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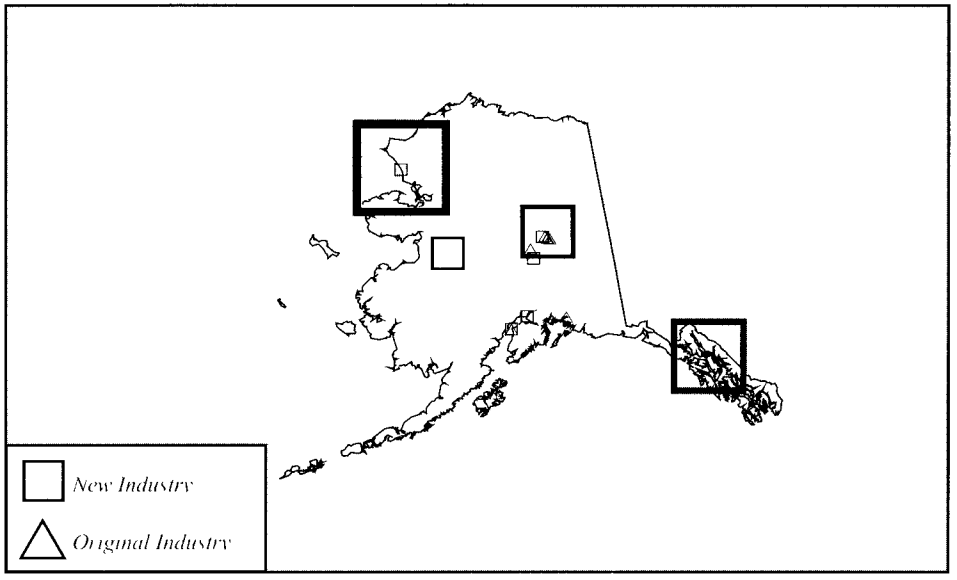

The largest marker in the state map represents the largest facility for on-site releases in the state of Alaska All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	627,601
Square Miles	570,374
Total Facilities	25
Total Forms	133
Form As	16

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	47	4	4
Pounds	1,976,440	533,512,830	535,489,271
National Rank for Total On-site Releases**			
Rank	47	4	4
Pounds	1,976,439	533,508,500	535,484,939
National Rank for Total Releases within State***			
Rank	47	4	4
Pounds	1,978,445	533,515,174	535,493,618
National Rank for Production-related Waste Managed			
Rank	50	4	17
Pounds	4,476,547	534,158,062	538,634,609

* 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

2000 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**	**56,597**	**1,430**	**22,000,000**	**322,913,000**	**1,700**	**344,972,727**	**65**	**1,700**	**0**
—	Lead compounds	9,637	155	8,300,000	128,332,241	0	136,642,033	6	0	0
—	**Manganese compounds**	**37,789**	**101**	**1,200,000**	**25,354,749**	**750**	**26,593,389**	**275**	**750**	**0**
—	Chromium compounds	105	5	49,000	6,437,000	751	6,486,861	0	750	1
—	**Copper compounds**	**470**	**38**	**1,300,000**	**4,856,411**	**750**	**6,157,669**	**92**	**750**	**0**

* 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

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
—	**Mercury compounds**	**114.36**	**0.00**	**9,367.00**	**6,820.80**	**3.40**	**16,305.56**	**0.00**	**3.40**	**0.00**
7439-97-6	Mercury	64.27	0.00	0.00	1.00	3.00	68.27	0.00	0.00	3.00
—	**Polycyclic aromatic compounds**	**0.34**	**19.00**	**0.00**	**13.00**	**0.00**	**32.34**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	0.01	1 00	0 00	13.00	0.00	14.01	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)*	*0 542*	*0 000*	*0 000*	*0.000*	*0.000*	*0.542*	*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

2000 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	521,973	555	0	0	0	444,800,000	445,322,528	0	0
Kennecott Greens Creek Mining Co , Juneau, Juneau	18,011	678	0	36,790,367	0	22,552,781	59,361,837	0	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	90,908	0	0	0	0	19,927,540	20,018,448	4,203	1
Illinois Creek Mine, Anchorage, Anchorage	265	0	0	0	0	8,452,285	8,452,550	0	0
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	1,365,575	90,880	0	256	0	255	1,456,966	0	750
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	388,016	0	0	0	0	0	388,016	0	0
Healy Power Plant, Healy, Denali	211,400	0	0	0	0	0	211,400	0	0
Kenai Pipeline Co. KPL Facility, Kenai, Kenai Peninsula	125,934	0	0	0	0	2	125,936	0	1
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	84,336	1,516	0	0	0	1,157	87,009	0	2
Williams Alaska Petroleum Inc., North Pole, Fairbanks North Star	31,105	765	0	0	0	3,260	35,130	0	0

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

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
Kennecott Greens Creek Mining Co., Juneau, Juneau	6.26	0.00	0.00	9,367.00	0.00	5,781.00	15,154.26	0.00	0.00
Fort Knox Mine, Fairbanks, Fairbanks North Star	108.10	0.00	0.00	0.00	0.00	1,039.80	1,147.90	3.40	0.00
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	3.35	20.00	0.00	0.00	0.00	27.00	50.35	0.00	2.00
Healy Power Plant, Healy, Denali	34.00	0.00	0.00	0.00	0.00	0.00	34.00	0.00	0.00
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	15.90	0.00	0.00	0.00	0.00	0.00	15.90	0.00	0.00
U.S. Air Force Clear Air Force Station, Clear, Denali	11 37	0.00	0.00	0.00	0.00	0.00	11.37	0.00	0.00
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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—									
—									

Note: Facility ranked 7 reported less than 0 01 pounds of on- and off-site releases Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero on- and off-site releases

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

2000 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	**458,347**	**0**	**0**	**0**	**0**	**0**	**444,340,000**	**444,798,347**	**0**
Kennecott Greens Creek Mining Co., Juneau, Juneau	0	0	0	0	0	0	59,157,000	59,157,000	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	**293,575**	**1**	**0**	**0**	**54,000**	**11**	**20,018,448**	**20,366,035**	**0**
Illinois Creek Mine, Anchorage, Anchorage	0	0	0	0	0	0	8,452,370	8,452,370	0
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	**0**	**0**	**450,000**	**0**	**1,947,028**	**0**	**1,456,719**	**3,853,747**	**21,330**
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	0	0	0	0	0	0	388,016	388,016	0
Healy Power Plant, Healy, Denali	**0**	**0**	**0**	**0**	**0**	**0**	**211,400**	**211,400**	**0**
Kenai Pipeline Co KPL Facility, Kenai, Kenai Peninsula	0	0	0	0	437,568	97	125,934	563,599	0
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	**15,825**	**0**	**0**	**0**	**8,320**	**431**	**84,335**	**108,911**	**128**
Williams Alaska Petroleum Inc., North Pole, Fairbanks North Star	80,260	0	0	81	6,613	931	28,474	116,359	2,383

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

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 Greens Creek Mining Co., Juneau, Juneau	**0**	**0**	**0**	**0**	**0**	**0**	**15,000**	**15,000**	**0**
Fort Knox Mine, Fairbanks, Fairbanks North Star	75	0	0	0	0	0	1,148	1,223	0
Healy Power Plant, Healy, Denali	**0**	**0**	**0**	**0**	**0**	**0**	**34**	**34**	**0**
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	0	0	0	0	0	0	16	16	0
U.S. Air Force Clear Air Force Station, Clear, Denali	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**11**	**0**
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	0	0	0	0	0	2	3	5	0
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
—									
—									
—									

Note: Facility ranked 7 reported less than 1 pound of total production-related waste Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero quantity released on- and off-site

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

2000 Toxics Release Inventory

AMERICAN SAMOA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	16,780	0	16,780
Air Emissions	16,780	0	16,780
Surface Water Discharges	0	0	0
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	0	0	0
Off-site Releases (Transfers Off-site to Disposal)*	0	0	0
Total On- and Off-site Releases	**16,780**	**0**	**16,780**
Recycled On-site	0	0	0
Recycled Off-site	0	0	0
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	0	0	0
Treated On-site	0	0	0
Treated Off-site**	0	0	0
Quantity Released On- and Off-site***	16,780	0	16,780
Total Production-related Waste Managed	**16,780**	**0**	**16,780**
Non-production-related Waste Managed	**10**	**0**	**10**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	0	0	0
Energy Recovery	0	0	0
Treatment	0	0	0
Publicly Owned Treatment Works (POTWs)	0	0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	0	0	0
Total Transfers Off-site for Further Waste Management/Disposal	**0**	**0**	**0**

* Transfers to POTWs of metals and metal 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 . . .

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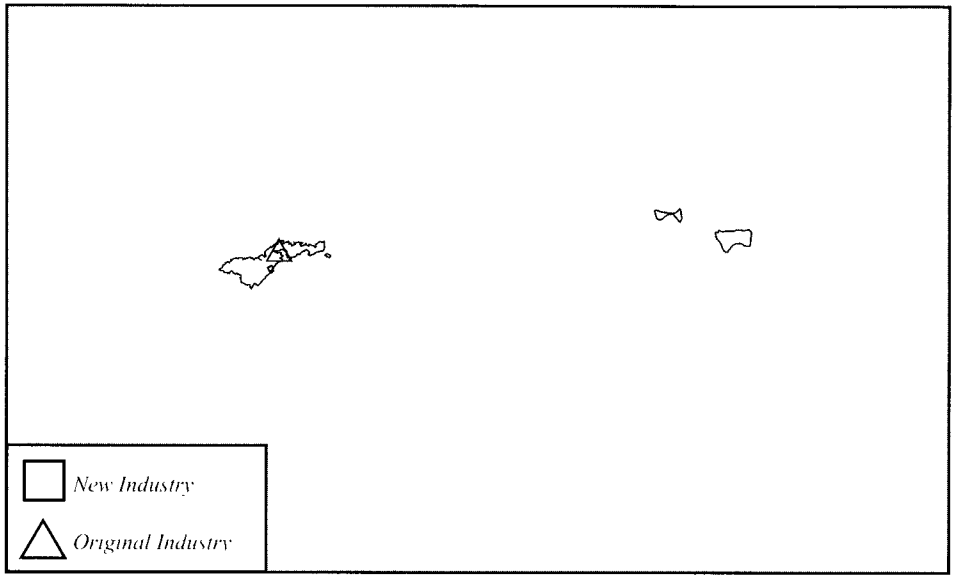

The largest marker in the map represents the largest facility for on-site releases in American Samoa All markers are proportionally-sized to represent the on-site releases at each facility within this territory

State/TRI Data

Population	57,291
Square Miles	77
Total Facilities	1
Total Forms	1
Form As	0

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	53	—	55
Pounds	16,780	0	16,780
National Rank for Total On-site Releases**			
Rank	53	—	55
Pounds	16,780	0	16,780
National Rank for Total Releases within State***			
Rank	53	—	55
Pounds	16,780	0	16,780
National Rank for Production-related Waste Managed			
Rank	54	—	55
Pounds	16,780	0	16,780

* 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

2000 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	16,780	0	0	0	0	16,780	0	0	0
	—									
	—									
	—									
	—									

* 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

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
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	—***	—	—	—	—	—	—	—	—
7439-97-6	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)	—***	—	—	—	—	—	—	—	—
—	Polycyclic aromatic compounds	—***	—	—	—	—	—	—	—	—
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

2000 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	16,780	0	0	0	0	0	16,780	0	0

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

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.

2000 Toxics Release Inventory

AMERICAN SAMOA

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	16,780	16,780	10

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

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

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

2000 Toxics Release Inventory

ARIZONA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	38,405,606	704,035,245	742,440,850
Air Emissions	2,664,226	2,524,934	5,189,160
Surface Water Discharges	7,164	2,074	9,238
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	3,525	0	3,525
Other On-site Land Releases	35,730,691	701,508,237	737,238,928
Off-site Releases (Transfers Off-site to Disposal)*	977,899	1,301,400	2,279,299
Total On- and Off-site Releases	**39,383,505**	**705,336,645**	**744,720,149**
Recycled On-site	86,529,197	4,022,490	90,551,687
Recycled Off-site	33,705,044	3,998,215	37,703,259
Energy Recovery On-site	1,119,561	0	1,119,561
Energy Recovery Off-site	639,769	1,697,534	2,337,303
Treated On-site	7,522,067	6,650,308	14,172,375
Treated Off-site**	2,483,100	1,701,839	4,184,939
Quantity Released On- and Off-site***	41,628,315	704,154,596	745,782,911
Total Production-related Waste Managed	**173,627,053**	**722,224,982**	**895,852,035**
Non-production-related Waste Managed	**140,821**	**3,677**	**144,498**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	33,602,318	4,000,591	37,602,909
Energy Recovery	590,490	1,706,171	2,296,661
Treatment	864,406	208,453	1,072,859
Publicly Owned Treatment Works (POTWs)	2,198,179	3	2,198,182
Metals and Metal Compounds*	3,631	0	3,631
Non-metal TRI Chemicals**	2,194,548	3	2,194,551
Other Off-site Transfers****	0	671	671
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,180,433	1,658,373	2,838,806
Total Transfers Off-site for Further Waste Management/Disposal	**38,435,826**	**7,574,262**	**46,010,088**

* Transfers to POTWs of metals and metal 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

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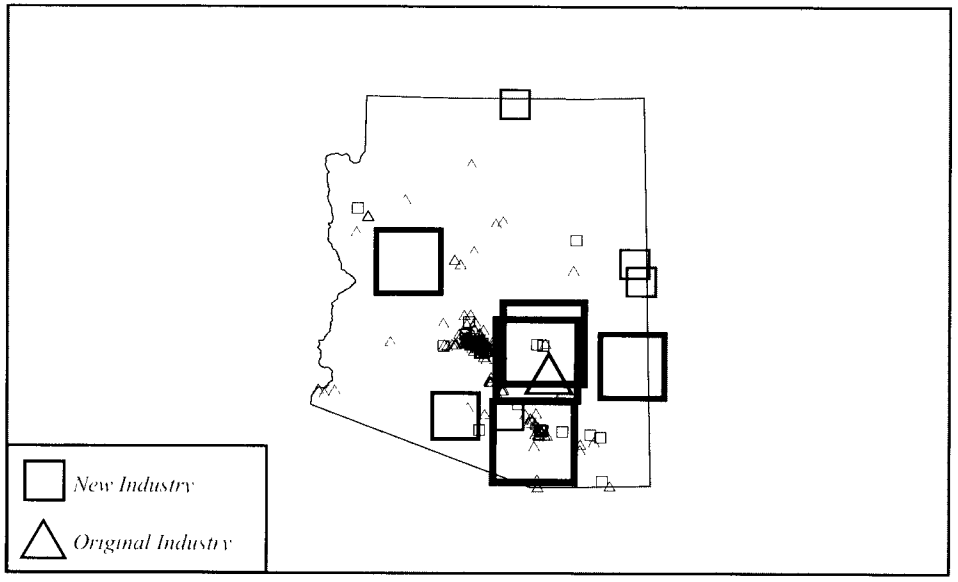

The largest marker in the state map represents the largest facility for on-site releases in the state of Arizona All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,165,274
Square Miles	113,642
Total Facilities	252
Total Forms	903
Form As	133

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	22	3	3
Pounds	39,383,505	705,336,645	744,720,149
National Rank for Total On-site Releases**			
Rank	19	3	3
Pounds	38,405,606	704,035,245	742,440,850
National Rank for Total Releases within State***			
Rank	21	3	3
Pounds	40,310,549	704,280,790	744,591,339
National Rank for Production-related Waste Managed			
Rank	29	2	10
Pounds	173,627,053	722,224,982	895,852,035

* 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

2000 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**	**183,722**	**1,796**	**0**	**579,148,733**	**330,839**	**579,665,090**	**4,834**	**292,522**	**38,317**
—	Barium compounds	29,908	0	0	65,497,430	761	65,528,099	5	255	506
—	**Zinc compounds**	**37,425**	**1,014**	**0**	**53,282,637**	**156,331**	**53,477,407**	**48,384**	**25,358**	**130,973**
—	Manganese compounds	12,420	92	0	18,750,632	85,930	18,849,074	2,015	39,145	46,785
—	**Chromium compounds**	**4,130**	**256**	**0**	**4,626,413**	**112,554**	**4,743,353**	**1,774**	**53,094**	**59,460**

* 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

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
—	**Mercury compounds**	**1,432.18**	**0.00**	**0.00**	**33,590.55**	**204.58**	**35,227.31**	**51.20**	**78.11**	**126.47**
—	Polycyclic aromatic compounds	1,145.52	0.00	0.00	87.00	0.00	1,232.52	0.00	0.00	0.00
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**0.00**	**782.00**	**782.00**	**0.00**	**0.00**	**782.00**
7439-97-6	Mercury	669 01	0.00	0.00	37.00	0.00	706.01	0 00	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**2.00**	**0.00**	**0.00**	**0.00**	**268.00**	**270.00**	**0.00**	**268.00**	**0.00**
8001-35-2	Toxaphene	0.00	0.00	0.00	0.00	121.00	121.00	0.00	0.00	121.00
191-24-2	**Benzo(g,h,i)perylene**	**1.02**	**0.00**	**0.00**	**11.14**	**0.00**	**12.16**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.03	0.00	0.00	0 00	0.00	0 03	0.06	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***14.240***	***0.000***	***0.000***	***0.016***	***0.000***	***14.256***	***26.420***	***0.000***	***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**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
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	—***	—	—	—	—	—	—	—	—
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

2000 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. Ray Complex Ray Ops. Mine, Kearny, Pinal	**10,998**	**282**	**0**	**0**	**0**	**155,098,189**	**155,109,469**	**0**	**0**
Asarco Inc. Mission Complex, Sahuarita, Pima	10,711	0	0	0	0	149,369,447	149,380,158	0	0
Phelps Dodge Miami Inc., Claypool, Gila	**310,109**	**0**	**0**	**0**	**0**	**144,802,010**	**145,112,119**	**2,330**	**0**
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	8,894	5	0	0	0	95,331,167	95,340,066	0	0
Phelps Dodge Morenci Inc., Morenci, Greenlee	**152,031**	**181**	**0**	**0**	**0**	**86,318,604**	**86,470,816**	**175**	**0**
Phelps Dodge Sierrita Inc., Green Valley, Pima	43,842	10	0	0	0	59,207,397	59,251,249	0	0
Asarco Inc. Ray Complex/Hayden Smelter & Concentrator, Hayden, Gila	**160,082**	**0**	**0**	**0**	**0**	**35,327,394**	**35,487,476**	**345**	**0**
Silver Bell Mining L.L.C., Marana, Pima	1,900	5	0	0	0	3,594,000	3,595,905	0	0
Navajo Generating Station, Page, Coconino	**245,385**	**0**	**0**	**0**	**0**	**2,696,802**	**2,942,187**	**0**	**117**
Springerville Generating Station, Springerville, Apache	80,515	0	0	0	0	1,958,024	2,038,539	0	0

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

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
Phelps Dodge Miami Inc., Claypool, Gila	**104.00**	**0.00**	**0.00**	**0.00**	**0.00**	**26,000.00**	**26,104.00**	**70.00**	**0.00**
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	20.60	0.00	0.00	0.00	0.00	5,120.00	5,140.60	0.00	0.00
Phelps Dodge Sierrita Inc., Green Valley, Pima	**22.90**	**0.00**	**0.00**	**0.00**	**0.00**	**2,066.00**	**2,088.90**	**0.00**	**0.00**
Asarco Inc. Ray Complex Ray Ops. Mine, Kearny, Pinal	726.00	0.00	0.00	0.00	0.00	0.00	726.00	0.00	0.00
Navajo Generating Station, Page, Coconino	**358.69**	**0.00**	**0.00**	**0.00**	**0.00**	**289.00**	**647.69**	**0.00**	**108.01**
Springerville Generating Station, Springerville, Apache	520.01	0.00	0.00	0.00	0.00	0.00	520.01	0.00	0.00
Asarco Inc. Mission Complex, Sahuarita, Pima	**391.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**391.00**	**0.00**	**0.00**
North Star Steel Arizona, Kingman, Mohave	375.01	0.00	0.00	0.00	0.00	0.00	375.01	8.11	3.46
Cholla Power Plant, Joseph City, Navajo	**119.06**	**0.00**	**0.00**	**0.00**	**0.00**	**149.14**	**268.20**	**0.00**	**0.00**
Coronado Generating Station, Saint Johns, Apache	259.07	0.00	0.00	0.00	0.00	0.00	259.07	0.00	15.00

* 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. Ray Complex Ray Ops. Mine, Kearny, Pinal	**32,368**	**92,582**	**0**	**0**	**0**	**0**	**155,109,469**	**155,234,419**	**0**
Asarco Inc. Mission Complex, Sahuarita, Pima	0	0	0	0	0	0	149,370,850	149,370,850	0
Phelps Dodge Miami Inc., Claypool, Gila	**0**	**952,075**	**0**	**0**	**0**	**948**	**145,052,401**	**146,005,424**	**0**
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	0	0	0	0	0	0	95,339,880	95,339,880	0
Phelps Dodge Morenci Inc., Morenci, Greenlee	**0**	**720,000**	**0**	**0**	**0**	**0**	**86,613,639**	**87,333,639**	**0**
Phelps Dodge Sierrita Inc., Green Valley, Pima	0	0	0	0	0	0	58,849,705	58,849,705	0
Asarco Inc. Ray Complex/Hayden Smelter & Concentrator, Hayden, Gila	**62,776,803**	**2,137,274**	**0**	**0**	**0**	**0**	**37,050,912**	**101,964,989**	**0**
Silver Bell Mining L.L.C., Marana, Pima	0	0	0	0	6,200	0	3,594,670	3,600,870	0
Navajo Generating Station, Page, Coconino	**0**	**0**	**0**	**0**	**2,366,029**	**0**	**2,942,196**	**5,308,225**	**0**
Springerville Generating Station, Springerville, Apache	0	290,000	0	0	0	0	2,037,420	2,327,420	2,900

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

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 Miami Inc., Claypool, Gila	**0**	**13**	**0**	**0**	**0**	**70**	**26,006**	**26,089**	**0**
Phelps Dodge Bagdad Inc., Bagdad, Yavapai	0	0	0	0	0	0	5,140	5,140	0
Phelps Dodge Sierrita Inc., Green Valley, Pima	**0**	**0**	**0**	**0**	**0**	**0**	**2,090**	**2,090**	**0**
Asarco Inc. Ray Complex Ray Ops. Mine, Kearny, Pinal	0	0	0	0	0	0	726	726	0
Navajo Generating Station, Page, Coconino	**0**	**0**	**0**	**0**	**293,294**	**0**	**648**	**293,942**	**0**
Springerville Generating Station, Springerville, Apache	0	0	0	0	0	0	520	520	0
Coronado Generating Station, Saint Johns, Apache	**0**	**0**	**0**	**0**	**117,056**	**0**	**402**	**117,458**	**0**
Asarco Inc. Mission Complex, Sahuarita, Pima	0	0	0	0	0	0	391	391	0
North Star Steel Arizona, Kingman, Mohave	**0**	**54**	**0**	**0**	**0**	**0**	**387**	**441**	**0**
Isola Laminate Sys., Chandler, Maricopa	0	0	0	345	0	0	270	615	0

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

2000 Toxics Release Inventory

ARKANSAS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	33,280,856	3,591,157	36,872,013
Air Emissions	25,230,361	1,063,333	26,293,694
Surface Water Discharges	2,267,154	22,553	2,289,707
Underground Injection Class I Wells	1,384,568	0	1,384,568
Underground Injection Class II-V Wells	80,005	0	80,005
On-site Land Releases to RCRA Subtitle C Landfills	247,324	45,022	292,346
Other On-site Land Releases	4,071,443	2,460,249	6,531,692
Off-site Releases (Transfers Off-site to Disposal)*	14,283,272	279,177	14,562,449
Total On- and Off-site Releases	**47,564,128**	**3,870,334**	**51,434,462**
Recycled On-site	108,938,512	3,643,310	112,581,822
Recycled Off-site	61,778,876	51,580	61,830,456
Energy Recovery On-site	33,835,925	5,951,285	39,787,210
Energy Recovery Off-site	5,692,814	43,830,533	49,523,347
Treated On-site	105,915,995	26,040,733	131,956,728
Treated Off-site**	7,477,984	281,743	7,759,727
Quantity Released On- and Off-site***	59,151,473	3,999,434	63,150,907
Total Production-related Waste Managed	**382,791,579**	**83,798,618**	**466,590,197**
Non-production-related Waste Managed	**1,185,609**	**59**	**1,185,668**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	56,584,706	51,588	56,636,294
Energy Recovery	9,314,535	43,694,369	53,008,904
Treatment	2,829,567	281,537	3,111,104
Publicly Owned Treatment Works (POTWs)	1,550,683	0	1,550,683
Metals and Metal Compounds*	15,088	0	15,088
Non-metal TRI Chemicals**	1,535,595	0	1,535,595
Other Off-site Transfers****	500	0	500
Transfers Off-site to Disposal *(not including metals to POTWs)*	26,545,809	473,286	27,019,095
Total Transfers Off-site for Further Waste Management/Disposal	**96,825,800**	**44,500,780**	**141,326,580**

* Transfers to POTWs of metals and metal 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 . . .

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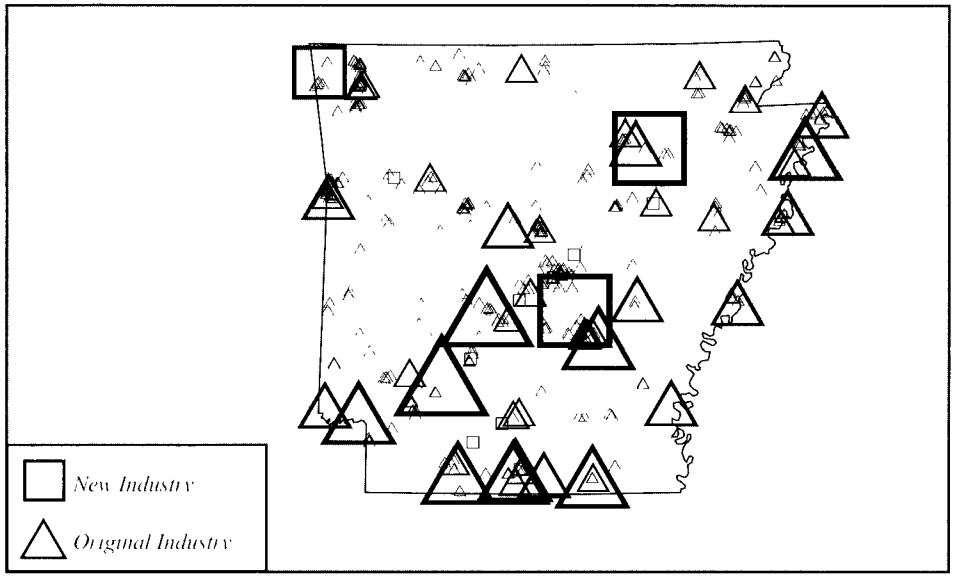

The largest marker in the state map represents the largest facility for on-site releases in the state of Arkansas. All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,678,030
Square Miles	52,075
Total Facilities	387
Total Forms	1,680
Form As	222

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	19	45	29
Pounds	47,564,128	3,870,334	51,434,462
National Rank for Total On-site Releases**			
Rank	22	45	30
Pounds	33,280,856	3,591,157	36,872,013
National Rank for Total Releases within State***			
Rank	24	45	32
Pounds	35,477,482	4,140,865	39,618,347
National Rank for Production-related Waste Managed			
Rank	20	20	20
Pounds	382,791,579	83,798,618	466,590,197

* 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

2000 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**	**95,272**	**54,700**	**829**	**300,269**	**19,213,210**	**19,664,280**	**291,298**	**361,197**	**18,880,716**
67-56-1	Methanol	6,051,613	85,728	1,394,806	34,475	95,095	7,661,717	1,703	320	94,775
7664-41-7	**Ammonia**	**5,112,425**	**225,230**	**0**	**1,394**	**36,940**	**5,375,989**	**41,569**	**34,845**	**2,095**
—	Manganese compounds	37,029	509,821	0	985,820	2,387,685	3,920,355	201,911	179,659	2,208,026
—	**Barium compounds**	**70,867**	**159,664**	**0**	**2,466,877**	**72,946**	**2,770,354**	**244,644**	**7,072**	**67,161**

* 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

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
79-94-7	**Tetrabromobisphenol A**	**57,227.00**	**0.00**	**0.00**	**185,598.00**	**506,709.00**	**749,534.00**	**0.00**	**0.00**	**506,709.00**
—	Mercury compounds	1,442 35	3.30	0.00	141.56	13,148.10	14,735.31	520.55	11.00	13,148.10
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**3,168.00**	**3,168.00**	**6,336.00**	**0.00**	**0.00**	**3,168.00**
—	Polycyclic aromatic compounds	2,328.39	161.70	0.00	1,121.28	614.64	4,226.01	535.90	30.24	584.40
191-24-2	**Benzo(g,h,i)perylene**	**80.13**	**6.90**	**0.00**	**49.41**	**18.80**	**155.24**	**0.30**	**10.00**	**8.80**
7439-97-6	Mercury	121.21	1.29	0.00	5.03	8.30	135.83	96.92	6.00	8.30
72-43-5	**Methoxychlor**	**22.00**	**0.00**	**0.00**	**0.00**	**0.00**	**22.00**	**0.00**	**0.00**	**0.00**
1582-09-8	Trifluralin	2.00	0 00	0.00	0.00	0.00	2.00	872.00	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	0.06	0.03	0.00	0.10	0.06	0.25	0.00	0 06	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***29.064***	***12.089***	***0.000***	***43.756***	***27.221***	***112.130***	***0.023***	***27.221***	***0.000***
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**
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**	**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
608-93-5	**Pentachlorobenzene**	**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

2000 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							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
International Paper Camden Mill, Camden, Ouachita	**3,800,084**	**36,882**	**0**	**0**	**0**	**5,518**	**3,842,484**	**0**	**19,416**
U.S Vanadium Corp , Hot Springs, Garland	1,146,063	92,280	0	0	0	1,777,490	3,015,833	0	0
International Paper Co., Pine Bluff, Jefferson	**1,373,360**	**117,642**	**0**	**0**	**0**	**315,817**	**1,806,820**	**0**	**0**
Entergy Independence Steam Electric Station, Newark, Independence	485,840	3,773	0	0	0	1,162,535	1,652,148	0	0
Great Lakes Chemical Corp. Central Plant, El Dorado, Union	**266,078**	**0**	**1,321,766**	**0**	**0**	**0**	**1,587,844**	**0**	**148,724**
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	801,182	274,867	0	0	0	427,883	1,503,931	0	0
Georgia-Pacific Corp. Ashdown Ops., Ashdown, Little River	**652,626**	**504,646**	**0**	**0**	**0**	**284,952**	**1,442,224**	**0**	**0**
Viskase Corp., Osceola, Mississippi	1,325,005	15,250	0	0	0	0	1,340,255	0	0
Entergy White Bluff Generating Plant, Redfield, Jefferson	**403,806**	**12,705**	**0**	**0**	**0**	**860,074**	**1,276,585**	**0**	**0**
Lion Oil Co., El Dorado, Union	935,766	191,775	0	0	0	0	1,127,541	0	81,445

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

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
Albemarle Corp. South Plant, Magnolia, Columbia	**15,403.00**	**0.00**	**0.00**	**0.00**	**0.00**	**185,598.00**	**201,001.00**	**0.00**	**416,564.00**
Great Lakes Chemical Corp. Central Plant, El Dorado, Union	41,824.00	0.00	0.00	0.00	0.00	0.00	41,824.00	0.00	90,102.00
Robbins Hardwood Flooring Sykes Plant, Warren, Bradley	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,168.00**	**3,168.00**	**0.00**	**3,168.00**
Siplast Inc., Arkadelphia, Clark	312.30	0.00	0.00	0.00	0.00	755.50	1,067.80	8.60	0.00
Lion Oil Co., El Dorado, Union	**650.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**650.00**	**0.00**	**7.00**
International Paper Co., Pine Bluff, Jefferson	580.45	5 39	0.00	0 00	0.00	48.32	634.16	0.00	0.00
Entergy White Bluff Generating Plant, Redfield, Jefferson	**397.34**	**2.00**	**0.00**	**0.00**	**0.00**	**40.00**	**439.34**	**0.00**	**0.00**
Environmental Sys. Co., El Dorado, Union	432 01	0.00	0 00	0.00	0.00	0.00	432.01	0.00	406.00
Apac-Arkansas Inc., Van Buren, Crawford	**337.71**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**337.71**	**0.00**	**0.00**
Entergy Independence Steam Electric Station, Newark, Independence	260.24	1.00	0.00	0.00	0.00	42 00	303.24	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-Yamato Steel Co., Blytheville, Mississippi	0	0	0	0	0	0	17,373,033	17,373,033	1,001,113
Nucor Steel Arkansas, Blytheville, Mississippi	304,841	20,695,897	0	0	450,152	0	5,380,340	26,831,230	0
International Paper Camden Mill, Camden, Ouachita	0	0	0	0	2,455,542	0	3,860,321	6,315,863	0
U.S. Vanadium Corp , Hot Springs, Garland	960,960	0	0	0	0	0	3,015,850	3,976,810	0
International Paper Co., Pine Bluff, Jefferson	0	0	58,200	0	13,286,957	0	1,807,186	15,152,343	0
Great Lakes Chemical Corp. Central Plant, El Dorado, Union	0	0	0	0	0	0	1,762,364	1,762,364	86
Entergy Independence Steam Electric Station, Newark, Independence	0	0	0	0	0	0	1,652,149	1,652,149	0
Albemarle Corp. South Plant, Magnolia, Columbia	9,042,744	290	0	325,361	212,221	0	1,541,277	11,121,893	0
Georgia-Pacific Crossett Paper Ops., Crossett, Ashley	271,596	0	36,355	0	17,250,412	0	1,492,835	19,051,198	0
Georgia-Pacific Corp. Ashdown Ops , Ashdown, Little River	11,700	0	5,020,800	5,900	42,571,160	0	1,447,604	49,057,164	800

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

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
Albemarle Corp. South Plant, Magnolia, Columbia	0	0	0	0	0	0	620,000	620,000	0
Great Lakes Chemical Corp. Central Plant, El Dorado, Union	0	0	0	0	0	0	131,926	131,926	0
Nucor-Yamato Steel Co., Blytheville, Mississippi	0	0	0	0	0	0	11,915	11,915	686
Siplast Inc., Arkadelphia, Clark	0	0	0	0	0	0	1,068	1,068	0
Environmental Sys. Co., El Dorado, Union	0	2,986	329	17,660	376,708	9,121	838	407,642	0
Lion Oil Co., El Dorado, Union	315	0	0	1,598	0	0	657	2,570	0
International Paper Co., Pine Bluff, Jefferson	0	0	0	0	0	0	634	634	0
Entergy White Bluff Generating Plant, Redfield, Jefferson	0	0	0	0	0	0	439	439	0
Apac-Arkansas Inc., Van Buren, Crawford	0	0	0	0	0	0	338	338	0
Entergy Independence Steam Electric Station, Newark, Independence	0	0	0	0	0	0	303	303	0

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

2000 Toxics Release Inventory

CALIFORNIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	33,572,997	30,830,257	64,403,254
Air Emissions	22,775,052	1,063,694	23,838,745
Surface Water Discharges	6,090,338	3,839	6,094,176
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	58,794	0	58,794
On-site Land Releases to RCRA Subtitle C Landfills	1,008,294	27,110,772	28,119,066
Other On-site Land Releases	3,640,519	2,651,953	6,292,472
Off-site Releases (Transfers Off-site to Disposal)*	6,387,266	4,818,825	11,206,092
Total On- and Off-site Releases	**39,960,263**	**35,649,083**	**75,609,346**
Recycled On-site	47,393,001	12,291,383	59,684,384
Recycled Off-site	86,854,367	1,524,193	88,378,559
Energy Recovery On-site	32,215,869	2,335	32,218,204
Energy Recovery Off-site	12,222,625	21,577,350	33,799,975
Treated On-site	136,305,121	4,458,928	140,764,049
Treated Off-site**	23,955,474	3,024,015	26,979,489
Quantity Released On- and Off-site***	46,399,592	42,395,509	88,795,101
Total Production-related Waste Managed	**385,346,048**	**85,273,713**	**470,619,761**
Non-production-related Waste Managed	**3,150,939**	**3,019**	**3,153,958**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	80,415,534	1,621,601	82,037,135
Energy Recovery	10,154,198	19,724,861	29,879,059
Treatment	4,556,851	4,730,252	9,287,102
Publicly Owned Treatment Works (POTWs)	26,347,802	1,391,893	27,739,695
Metals and Metal Compounds*	72,292	681	72,973
Non-metal TRI Chemicals**	26,275,510	1,391,212	27,666,722
Other Off-site Transfers****	540	750	1,290
Transfers Off-site to Disposal *(not including metals to POTWs)*	8,920,667	5,123,753	14,044,419
Total Transfers Off-site for Further Waste Management/Disposal	**130,395,592**	**32,593,109**	**162,988,701**

* Transfers to POTWs of metals and metal 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 . . .

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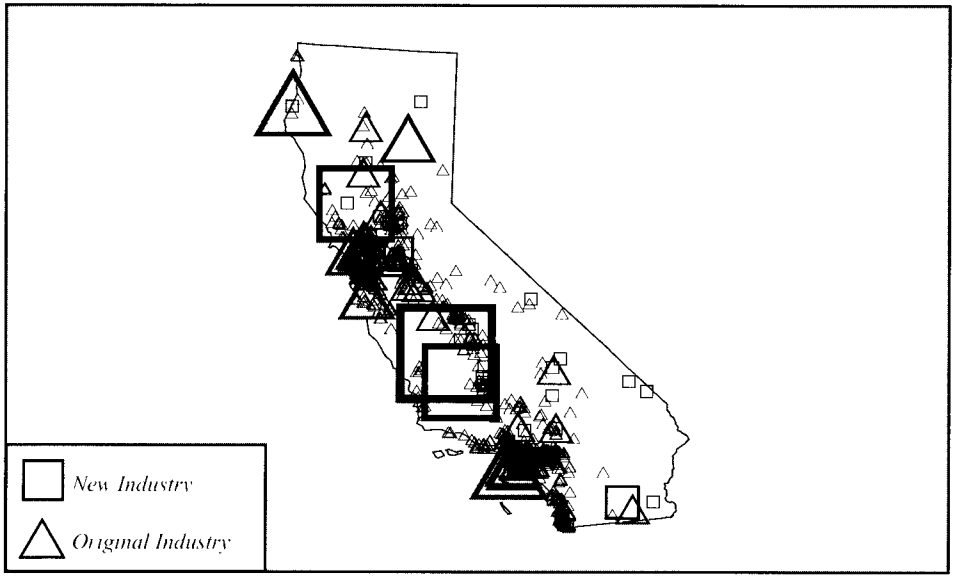
To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



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

State/TRI Data	
Population	34,000,446
Square Miles	155,973
Total Facilities	1,442
Total Forms	4,673
Form As	673

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	21	23	27
Pounds	39,960,263	35,649,083	75,609,346
National Rank for Total On-site Releases**			
Rank	20	23	26
Pounds	33,572,997	30,830,257	64,403,254
National Rank for Total Releases within State***			
Rank	23	23	27
Pounds	38,216,464	31,014,412	69,230,876
National Rank for Production-related Waste Managed			
Rank	19	19	19
Pounds	385,346,048	85,273,713	470,619,761

* 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

2000 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**	**7,367,509**	**64,252**	**31,245**	**1,975,881**	**110,416**	**9,549,303**	**0**	**4,078**	**106,340**
1332-21-4	Asbestos (friable)	5	0	0	8,256,467	56,089	8,312,561	0	56,089	0
—	**Nitrate compounds**	**3,134**	**3,926,038**	**250**	**1,423,288**	**512,573**	**5,865,283**	**0**	**181,334**	**331,239**
1344-28-1	Aluminum oxide (fibrous forms)	5	0	0	4,257,074	0	4,257,079	0	0	0
67-56-1	**Methanol**	**1,979,593**	**1,845,905**	**0**	**14,961**	**16,597**	**3,857,056**	**1,743**	**15,595**	**1,002**

* 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

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
—	**Mercury compounds**	**4,700.20**	**5.14**	**0.20**	**37,884.91**	**6,914.24**	**49,504.70**	**1.10**	**5,900.07**	**3,067.10**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.57	0.00	0.00	27,915.00	80.00	27,995.57	0.00	13.00	79.00
—	**Polycyclic aromatic compounds**	**1,311.04**	**2,171.51**	**10,000.00**	**5,886.70**	**566.65**	**19,935.89**	**0.00**	**1,194.98**	**312.70**
7439-97-6	Mercury	898.09	0.00	0.00	10,327.71	44 71	11,270.51	0.50	49.12	12.20
1582-09-8	**Trifluralin**	**78.00**	**0.00**	**0.00**	**706.00**	**375.00**	**1,159.00**	**0.00**	**375.00**	**0.00**
118-74-1	Hexachlorobenzene	2.51	0.01	0.00	610.00	0.00	612.52	0.00	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**156.00**	**0.00**	**0.00**	**0.00**	**399.00**	**555.00**	**0.00**	**399.00**	**0.00**
8001-35-2	Toxaphene	0 00	0.00	0.00	200.02	0.00	200.02	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**51.91**	**14.20**	**0.00**	**34.36**	**40.09**	**140.56**	**0.00**	**40.58**	**0.01**
57-74-9	Chlordane	0.00	0.00	0.00	31.74	0.00	31.74	0.00	0.00	0.00
76-44-8	**Heptachlor**	**0.00**	**0.00**	**0.00**	**30.56**	**0.00**	**30.56**	**0.00**	**0.00**	**0.00**
40487-42-1	Pendimethalin	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.08**	**0.01**	**0.00**	**0.02**	**0.06**	**0.16**	**0.00**	**0.00**	**0.06**
—	*Dioxin and dioxin-like compounds (in grams)*	*34.578*	*4.075*	*0.000*	*9.000*	*27 208*	*74 861*	*0.012*	*0 781*	*26.427*
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

2000 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							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
Chemical Waste Management Inc., Kettleman City, Kings	9,699	0	0	0	23,252,731	1	23,262,431	1,025	4,333
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	1,279	0	0	0	3,224,736	34,204	3,260,219	0	0
McLaughlin Mine, Lower Lake, Lake	24,004	0	0	0	0	2,567,449	2,591,453	0	0
Chevron USA Prods. Co , El Segundo, Los Angeles	687,445	1,814,035	0	0	0	233	2,501,712	50,739	0
Samoa Pacific Cellulose L.L.C. Samoa Pulp Mill, Samoa, Humboldt	236,600	1,856,100	0	0	0	0	2,092,700	0	0
Valero Refining Co. California Benicia Refy., Benicia, Solano	717,919	620,792	0	0	0	0	1,338,711	2,566	12,839
AXT Inc., Fremont, Alameda	38,600	0	0	0	1,006,665	262,664	1,307,929	1,007,414	0
Chevron Prods. Co. Richmond Refy., Richmond, Contra Costa	662,354	568,369	0	0	0	0	1,230,723	246,231	10,923
Tosco Refining Co. Los Angeles Refy. Wilmington Plant, Wilmington, Los Angeles	1,191,775	0	0	0	0	0	1,191,775	162	7
ExxonMobil Oil Torrance Refy., Torrance, Los Angeles	1,106,872	506	0	0	0	0	1,107,378	106,380	444

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

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
Chemical Waste Management Inc., Kettleman City, Kings	1.10	0.00	0.00	0.00	36,333.26	0.00	36,334.36	0.00	11.00
McLaughlin Mine, Lower Lake, Lake	0.95	0.00	0.00	0.00	0.00	31,219.00	31,219.95	0.00	0.00
Edgington Oil Co., Long beach, Los Angeles	10.00	0.00	0.00	10,000.00	0.00	0.00	10,010.00	0.00	5.00
Viceroy Gold Corp. Castle Mountain Mine, Ivanpah, San Bernardino	16.95	0.00	0.00	0.00	0.00	6,600.00	6,616.95	0.00	0.00
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	1.00	0.00	0.00	0.00	4,405.02	489.00	4,895.02	0.00	0.00
Calaveras Cement Co., Tehachapi, Kern	2,580.00	0.00	0.00	0.00	0.00	0.00	2,580.00	0.00	0.00
Koppers Inds. Inc., Oroville, Butte	11.50	2,003.80	0.00	0.00	0.00	0.00	2,015.30	0.00	6.30
Hayden Hill Mine, Adin, Modoc	0.00	0.00	0.00	0.00	0.00	2,000.00	2,000.00	0.00	0.00
Newmont Mining Corp. Mesquite Mine, Brawley, Imperial	0.40	0.00	0.00	0.00	0.00	1,286.90	1,287.30	0.00	0.00
Masonite Corp., Ukiah, Mendocino	815.00	0.00	0.00	0.00	0.00	0.00	815.00	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 Inc., Kettleman City, Kings	0	1,788	0	1,376	0	5,200	23,262,380	23,270,744	0
Onyx Environmental Services L.L.C, Azusa, Los Angeles	1,965,767	0	0	4,825,881	0	426,135	5,252,027	12,469,810	95
DK Environmental Inc., Vernon, Los Angeles	0	282,897	0	643,763	1,326,000	2,106,771	4,602,117	8,961,548	0
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	0	0	0	0	0	0	3,257,704	3,257,704	0
McLaughlin Mine, Lower Lake, Lake	0	0	0	0	530,000	0	2,590,920	3,120,920	0
Chevron USA Prods. Co., El Segundo, Los Angeles	0	4,712	0	0	3,892,967	23,463	2,551,687	6,472,829	1,212
Samoa Pacific Cellulose L.L.C. Samoa Pulp Mill, Samoa, Humboldt	0	0	2,700,000	0	269,600	0	2,135,800	5,105,400	0
U. S. Filter Recovery Services (CA) Inc., Vernon, Los Angeles	0	648,889	0	0	877,910	279	1,536,723	3,063,801	0
Chevron Prods. Co. Richmond Refy., Richmond, Contra Costa	0	11,139	0	0	613,695	0	1,517,834	2,142,668	0
Hilmar Cheese Co. Inc., Hilmar, Merced	0	0	0	0	315,000	0	1,517,470	1,832,470	0

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

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	1,787	0	0	0	2,316	36,346	40,449	0
McLaughlin Mine, Lower Lake, Lake	0	0	0	0	0	0	31,220	31,220	0
USS-Posco Inds., Pittsburg, Contra Costa	0	49	0	0	0	0	8,066	8,115	0
Safety-Kleen (Los Angeles) Inc., Los Angeles, Los Angeles	0	3,904	0	0	0	0	7,181	11,086	0
Viceroy Gold Corp. Castle Mountain Mine, Ivanpah, San Bernardino	0	0	0	0	0	0	6,617	6,617	0
Safety-Kleen (Buttonwillow) Inc , Buttonwillow, Kern	0	0	0	0	0	0	4,897	4,897	0
Calaveras Cement Co., Tehachapi, Kern	0	0	0	0	0	0	2,580	2,580	0
Koppers Inds. Inc., Oroville, Butte	0	0	0	0	1,206	131	2,010	3,346	0
Hayden Hill Mine, Adin, Modoc	0	0	0	0	0	0	2,000	2,000	0
Newmont Mining Corp Mesquite Mine, Brawley, Imperial	0	0	0	0	0	0	1,287	1,287	0

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

2000 Toxics Release Inventory

COLORADO

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	5,824,758	18,932,936	24,757,694
Air Emissions	2,394,722	1,436,472	3,831,194
Surface Water Discharges	3,153,805	17,751	3,171,556
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	3,064	678	3,742
Other On-site Land Releases	273,166	17,478,036	17,751,202
Off-site Releases (Transfers Off-site to Disposal)*	1,107,384	4,735,428	5,842,812
Total On- and Off-site Releases	**6,932,142**	**23,668,364**	**30,600,506**
Recycled On-site	26,040,292	124,154	26,164,446
Recycled Off-site	24,467,792	99,045	24,566,837
Energy Recovery On-site	426,954	0	426,954
Energy Recovery Off-site	3,136,094	58,399	3,194,493
Treated On-site	11,749,801	3,463,957	15,213,758
Treated Off-site**	3,394,446	256	3,394,702
Quantity Released On- and Off-site***	7,136,411	24,070,096	31,206,507
Total Production-related Waste Managed	**76,351,789**	**27,815,907**	**104,167,696**
Non-production-related Waste Managed	**115,206**	**77**	**115,283**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	24,776,244	42,739	24,818,983
Energy Recovery	3,129,377	60,458	3,189,835
Treatment	2,153,194	1,760	2,154,954
Publicly Owned Treatment Works (POTWs)	1,307,660	750	1,308,410
Metals and Metal Compounds*	2,280	750	3,030
Non-metal TRI Chemicals**	1,305,380	0	1,305,380
Other Off-site Transfers****	17,000	0	17,000
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,172,238	5,166,830	6,339,067
Total Transfers Off-site for Further Waste Management/Disposal	**32,555,712**	**5,272,536**	**37,828,249**

* Transfers to POTWs of metals and metal 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 . . .

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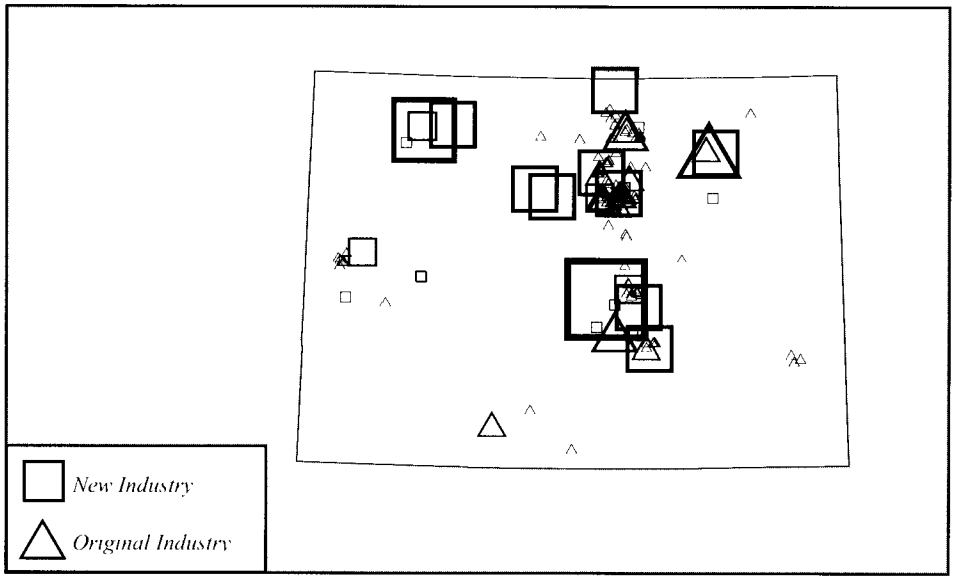

The largest marker in the state map represents the largest facility for on-site releases in the state of Colorado All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	4,323,410
Square Miles	103,729
Total Facilities	197
Total Forms	649
Form As	118

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	39	27	37
Pounds	6,932,142	23,668,364	30,600,506
National Rank for Total On-site Releases**			
Rank	38	29	37
Pounds	5,824,758	18,932,936	24,757,694
National Rank for Total Releases within State***			
Rank	39	28	34
Pounds	6,133,329	23,681,416	29,814,745
National Rank for Production-related Waste Managed			
Rank	39	33	42
Pounds	76,351,789	27,815,907	104,167,696

* 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

2000 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**	**9,972**	**26,532**	**0**	**9,015,934**	**458,735**	**9,511,173**	**29**	**369,740**	**99,000**
—	Barium compounds	18,609	2,432	0	4,958,817	4,022,899	9,002,757	1,358	4,442,897	0
—	**Zinc compounds**	**49,362**	**217**	**0**	**2,418,113**	**833,231**	**3,300,923**	**0**	**83,879**	**749,352**
—	Nitrate compounds	0	3,109,948	0	16,661	531	3,127,140	809	381	150
7664-39-3	**Hydrogen fluoride**	**803,924**	**0**	**0**	**0**	**0**	**803,924**	**253**	**0**	**0**

* 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.

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
—	**Mercury compounds**	**410.08**	**17.15**	**0.00**	**1,472.90**	**469.19**	**2,369.32**	**78.33**	**517.19**	**0.00**
7439-97-6	Mercury	502.60	0.00	0.00	728.70	5.00	1,236 30	2.33	0.00	5.00
—	**Polycyclic aromatic compounds**	**363.00**	**67.30**	**0.00**	**0.00**	**142.10**	**572.40**	**109.00**	**93.30**	**48.80**
191-24-2	Benzo(g,h,i)perylene	28.41	0.80	0.00	0.00	3.70	32.91	23.18	3.50	0.20
72-43-5	**Methoxychlor**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**
—	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)***	***8.256***	***0.060***	***0.000***	***0.000***	***0.001***	***8.317***	***0.000***	***0.001***	***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**	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Cripple Creek & Victor Gold Mining Co., Victor, Teller	6,732	0	0	0	0	10,888,406	10,895,138	0	0
Trapper Mining Inc., Craig, Moffat	436	204	0	0	0	2,651,567	2,652,207	0	0
Excel Corp., Fort Morgan, Morgan	2,745	2,517,575	0	0	0	0	2,520,320	187	0
Rawhide Energy Station, Wellington, Larimer	73,454	0	0	0	0	693,524	766,978	0	0
Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo	41,062	1,534	0	0	0	694,130	736,726	207,940	0
Public Service Co. of Colorado Valmont Station, Boulder, Boulder	169,915	95	0	0	0	360,044	530,054	0	0
Ray D. Nixon Power Plant, Fountain, El Paso	78,536	0	0	0	0	443,008	521,544	500	0
Public Service Co. of Colorado Hayden Station, Hayden, Routt	7,324	0	0	0	0	472,089	479,413	0	0
Climax Molybdenum Co. Henderson Mine, Empire, Clear Creek	19	13,655	0	0	0	450,015	463,689	0	0
Kodak Colorado Div., Windsor, Weld	49,428	407,798	0	0	0	542	457,768	0	0

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

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
Cripple Creek & Victor Gold Mining Co., Victor, Teller	11.30	0.00	0.00	0.00	0.00	901.00	912.30	0.00	0.00
Safety-Kleen (Deer Trail) Inc., Deer Trail, Adams	3.60	0.00	0.00	0.00	677.70	0.00	681.30	0.00	0.00
CF&I Steel L.P. (dba Rocky Mountain Steel Mills), Pueblo, Pueblo	341.00	0.00	0.00	0.00	0.00	0.00	341.00	0.00	5.00
Conoco Denver Refy., Commerce City, Adams	331.00	5.65	0.00	0.00	0.00	0.00	336.65	29.40	0.00
Holnam Inc. Portland Plant, Florence, Fremont	133.10	0.00	0.00	0.00	0.00	49.00	182.10	0.00	0.00
Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo	27.37	17.00	0.00	0.00	0.00	130.00	174.37	40.00	0.00
Tri-State Generation & Transmission - Craig Station, Craig, Moffat	133.76	0.00	0.00	0.00	0.00	0.00	133.76	108.00	0.00
Public Service Co. of Colorado Pawnee Station, Brush, Morgan	27.06	0 00	0.00	0.00	0.00	100.00	127.06	110.00	0.00
Trapper Mining Inc., Craig, Moffat	0.00	0.00	0.00	0.00	0.00	108.00	108.00	0.00	0.00
Public Service Co. of Colorado Hayden Station, Hayden, Routt	13.05	0.00	0.00	0.00	0.00	89.00	102.05	0.00	0.00

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

2000 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	0	0	0	0	0	10,894,836	10,894,836	0
Tri-State Generation & Transmission - Craig Station, Craig, Moffat	0	0	0	0	1,643,000	0	2,781,829	4,424,829	0
Trapper Mining Inc., Craig, Moffat	0	0	0	0	0	0	2,647,108	2,647,108	0
Excel Corp., Fort Morgan, Morgan	0	0	0	0	3,662,906	187	2,520,447	6,183,540	0
Public Service Co. of Colorado Cherokee Station, Denver, Adams	0	0	0	0	978	0	1,202,108	1,203,086	0
CF&I Steel L P. (dba Rocky Mountain Steel Mills), Pueblo, Pueblo	0	5,529,030	0	0	0	0	953,450	6,482,480	2
Public Service Co. of Colorado Comanche Station, Pueblo, Pueblo	0	0	0	0	958	0	939,208	940,166	0
Public Service Co. of Colorado Pawnee Station, Brush, Morgan	0	0	0	0	846	0	825,237	826,083	0
Rawhide Energy Station, Wellington, Larimer	0	0	0	0	71,962	0	766,978	838,940	0
Martin Drake Power Plant, Colorado Springs, El Paso	0	198	0	0	120,000	0	577,266	697,464	0

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

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	0	0	0	0	0	912	912	0
Safety-Kleen (Deer Trail) Inc., Deer Trail, Adams	0	0	0	0	0	0	681	681	0
CF&I Steel L.P. (dba Rocky Mountain Steel Mills), Pueblo, Pueblo	0	30	0	0	0	0	350	380	2
Conoco Denver Refy., Commerce City, Adams	0	0	0	0	0	0	336	336	0
Tri-State Generation & Transmission - Craig Station, Craig, Moffat	0	0	0	0	0	0	242	242	0
Koppers Inds. Inc., Denver, Adams	0	0	0	0	71	161	241	473	76
Public Service Co. of Colorado Pawnee Station, Brush, Morgan	0	0	0	0	846	0	237	1,083	0
Public Service Co of Colorado Comanche Station, Pueblo, Pueblo	0	0	0	0	958	0	208	1,166	0
Holnam Inc. Portland Plant, Florence, Fremont	0	0	0	0	0	0	182	182	0
Public Service Co of Colorado Cherokee Station, Denver, Adams	0	0	0	0	978	0	108	1,086	0

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

2000 Toxics Release Inventory

CONNECTICUT

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	5,055,141	1,372,609	6,427,750
Air Emissions	4,190,041	1,372,366	5,562,407
Surface Water Discharges	815,660	243	815,903
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	49,441	0	49,441
Off-site Releases (Transfers Off-site to Disposal)*	1,328,991	989,860	2,318,852
Total On- and Off-site Releases	**6,384,133**	**2,362,469**	**8,746,602**
Recycled On-site	82,544,170	0	82,544,170
Recycled Off-site	28,204,650	97,847	28,302,497
Energy Recovery On-site	3,926,893	0	3,926,893
Energy Recovery Off-site	3,096,670	46	3,096,716
Treated On-site	15,830,365	2,934,163	18,764,528
Treated Off-site**	9,923,755	130,939	10,054,694
Quantity Released On- and Off-site***	8,068,409	2,325,695	10,394,105
Total Production-related Waste Managed	**151,594,911**	**5,488,691**	**157,083,602**
Non-production-related Waste Managed	**15,296**	**6**	**15,302**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	30,024,099	97,865	30,121,963
Energy Recovery	3,031,088	46	3,031,134
Treatment	6,679,719	110,736	6,790,455
Publicly Owned Treatment Works (POTWs)	2,500,460	1,976	2,502,437
Metals and Metal Compounds*	49,175	153	49,328
Non-metal TRI Chemicals**	2,451,285	1,824	2,453,109
Other Off-site Transfers****	5	0	5
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,362,105	1,024,221	2,386,326
Total Transfers Off-site for Further Waste Management/Disposal	**43,597,477**	**1,234,844**	**44,832,321**

* Transfers to POTWs of metals and metal 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 . . .

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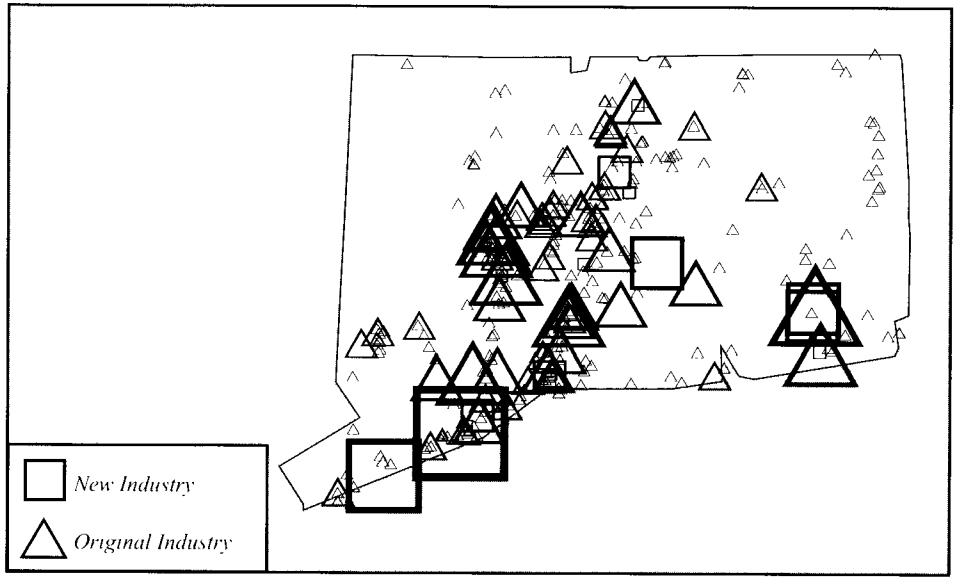

The largest marker in the state map represents the largest facility for on-site releases in the state of Connecticut All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	3,410,079
Square Miles	4,845
Total Facilities	352
Total Forms	1,097
Form As	110

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	41	47	47
Pounds	6,384,133	2,362,469	8,746,602
National Rank for Total On-site Releases**			
Rank	40	47	47
Pounds	5,055,141	1,372,609	6,427,750
National Rank for Total Releases within State***			
Rank	41	47	47
Pounds	5,936,577	1,551,221	7,487,798
National Rank for Production-related Waste Managed			
Rank	30	46	35
Pounds	151,594,911	5,488,691	157,083,602

* 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

2000 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
—	**Nitrate compounds**	**28**	**758,837**	**0**	**47,357**	**168,959**	**975,181**	**0**	**37,000**	**131,959**
7647-01-0	Hydrochloric acid	935,021	0	0	0	4,891	939,912	21	0	4,891
108-88-3	**Toluene**	**769,378**	**7**	**0**	**1**	**7,143**	**776,529**	**207**	**1,566**	**5,577**
75-09-2	Dichloromethane	544,851	250	0	2	1,641	546,744	0	0	1,641
75-68-3	**1-Chloro-1,1-difluoroethane (HCFC-142b)**	**428,535**	**0**	**0**	**0**	**0**	**428,535**	**0**	**0**	**0**

* 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

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**	**31,852.85**	**0.00**	**0.00**	**37.56**	**385.52**	**32,275.93**	**1.00**	**46.00**	**339.52**
—	Mercury compounds	98.30	0.20	0.00	0.00	13,798.65	13,897.15	1,203.00	0.00	13,798.65
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**2,700.00**	**2,700.00**	**7.00**	**2,700.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	244.45	0.00	0.00	0.14	23.98	268.57	0.00	0.00	23.98
79-94-7	**Tetrabromobisphenol A**	**6.30**	**0.00**	**0.00**	**0.00**	**256.00**	**262.30**	**0.00**	**256.00**	**0.00**
7439-97-6	Mercury	19.37	0.00	0.00	0.00	183.49	202.86	110.01	148.49	35.00
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.00**	**0.00**	**7.40**	**7.40**	**0.00**	**0.00**	**7.40**
—	Dioxin and dioxin-like compounds	0.02	0.01	0.00	0.00	0.01	0.03	0.00	0.01	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***7.553***	***3.000***	***0.000***	***0.000***	***4.309***	***14.862***	***0.000***	***4.209***	***0.100***
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

2000 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							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
Wisvest-Connecticut L.L.C. Bridgeport Harbor Station, Bridgeport, Fairfield	726,450	0	0	0	0	0	726,450	0	313
Dow N.A. Allyn's Point Plant, Gales Ferry, New London	659,609	9	0	0	0	0	659,618	0	341
Cytec Inds. Inc., Wallingford, New Haven	247,379	115,506	0	0	0	0	362,885	0	6,041
Summit Corp. of America, Thomaston, Litchfield	3,822	257,227	0	0	0	0	261,049	0	50,033
Spongex Int. Ltd., Shelton, Fairfield	242,385	0	0	0	0	0	242,385	0	0
Pfizer Inc. Groton Site, Groton, New London	42,501	165,275	0	0	0	20	207,796	2	12,557
Olin Corp. Somers Thin Strip, Waterbury, New Haven	197,000	56	0	0	0	0	197,056	100	17,701
Seidel Inc., Waterbury, New Haven	0	132,743	0	0	0	47,357	180,100	0	0
NRG Energy Inc. Norwalk Harbor Station, South Norwalk, Fairfield	167,302	0	0	0	0	0	167,302	0	43,800
Carlon Prods. Co., Derby, New Haven	141,000	0	0	0	0	0	141,000	0	0

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

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
Firestone Building Prods. Co., Bristol, Hartford	7,501.00	0.00	0.00	0.00	0.00	0.00	7,501.00	0.00	0.00
Rogers Corp. Elastomer Components Div., South Windham, Windham	6,460.00	0 00	0.00	0.00	0.00	0.00	6,460.00	0.00	0.00
Schick Wilkinson Sword, Milford, New Haven	4,527.00	0.00	0.00	0.00	0.00	0.00	4,527.00	0.00	0.00
Rogers Corp. Molding Materials Div., Manchester, Tolland	3,156.80	0.00	0.00	0.00	0.00	0.00	3,156.80	256.00	0.00
Spongex Int. Ltd., Shelton, Fairfield	2,385.00	0.00	0.00	0.00	0.00	0.00	2,385.00	0.00	0.00
Uretek Inc., New Haven, New Haven	2,049.00	0.00	0.00	0.00	0.00	0.00	2,049.00	0.00	0.00
Atlantic CS&W L.L.C., Branford, New Haven	1,909.04	0.00	0.00	0.00	0.00	0.00	1,909.04	0.00	0.00
AGC Inc., Meriden, New Haven	1,201.00	0.00	0.00	0.00	0.00	0.00	1,201.00	0.00	0.00
Morganite Crucible Inc., North Haven, New Haven	953.00	0.00	0.00	0.00	0.00	0.00	953.00	0.00	0.00
M. Swift & Sons Inc., Hartford, Hartford	887.60	0.00	0.00	0.00	0.00	0.00	887.60	0.00	0.00

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

2000 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
Macdermid Inc., Waterbury, New Haven	2,595,826	0	0	0	2,198,604	95,460	996,094	5,885,984	0
Wisvest-Connecticut L.L C. Bridgeport Harbor Station, Bridgeport, Fairfield	0	332	0	0	0	15	726,748	727,095	0
Clean Harbors of Connecticut Inc., Bristol, Hartford	0	3,629	0	0	237,733	111,101	680,385	1,032,848	0
Dow N.A. Allyn's Point Plant, Gales Ferry, New London	0	0	1,128,800	0	3,030	563,941	660,082	2,355,853	0
Cytec Inds. Inc., Wallingford, New Haven	74,800,000	0	0	719,600	2,984,870	6	367,460	78,871,936	2,100
Summit Corp of America, Thomaston, Litchfield	0	0	0	0	318,141	0	308,366	626,507	0
AES Thames Generation Plant, Uncasville, New London	0	2,621	0	0	0	0	297,090	299,711	0
Echo Mfg. Co. Inc., Waterbury, New haven	0	150,299	0	0	257,035	0	257,035	664,369	0
Spongex Int. Ltd., Shelton, Fairfield	0	0	0	0	0	0	242,385	242,385	0
Quality Rolling & Deburring Co Inc., Thomaston, Litchfield	10,000	108,619	0	0	147,570	64,558	237,628	568,375	0

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

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	3,629	0	0	0	0	13,746	17,375	0
Firestone Building Prods. Co., Bristol, Hartford	0	0	0	0	0	0	7,501	7,501	0
Rogers Corp. Elastomer Components Div., South Windham, Windham	0	0	0	0	0	0	6,460	6,460	0
Schick Wilkinson Sword, Milford, New Haven	0	0	0	0	0	0	4,527	4,527	0
Rand-Witney Container Newtown L.L.C., Newtown, Fairfield	0	0	0	0	0	0	4,430	4,430	0
Rogers Corp. Molding Materials Div., Manchester, Tolland	565	0	0	0	0	0	3,413	3,978	0
Spongex Int. Ltd., Shelton, Fairfield	0	0	0	0	0	0	2,385	2,385	0
Uretek Inc., New Haven, New Haven	0	0	0	0	0	0	2,049	2,049	0
Atlantic CS&W L.L.C., Branford, New Haven	0	0	0	0	0	0	1,921	1,921	0
AGC Inc , Meriden, New Haven	0	0	0	0	0	0	1,201	1,201	0

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

2000 Toxics Release Inventory

DELAWARE

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	4,708,410	5,069,298	9,777,708
Air Emissions	3,155,793	4,650,145	7,805,938
Surface Water Discharges	828,150	38,163	866,313
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	724,467	380,990	1,105,457
Off-site Releases (Transfers Off-site to Disposal)*	3,532,143	291,155	3,823,298
Total On- and Off-site Releases	**8,240,553**	**5,360,453**	**13,601,006**
Recycled On-site	31,188,694	0	31,188,694
Recycled Off-site	8,457,340	36,525	8,493,865
Energy Recovery On-site	29,095,755	0	29,095,755
Energy Recovery Off-site	2,539,369	0	2,539,369
Treated On-site	63,833,520	571,359	64,404,879
Treated Off-site**	3,073,792	0	3,073,792
Quantity Released On- and Off-site***	8,451,631	5,361,875	13,813,506
Total Production-related Waste Managed	**146,640,101**	**5,969,759**	**152,609,860**
Non-production-related Waste Managed	**39,763**	**1**	**39,764**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	8,170,019	36,525	8,206,544
Energy Recovery	2,827,677	0	2,827,677
Treatment	906,007	1,169	907,176
Publicly Owned Treatment Works (POTWs)	2,199,739	73	2,199,812
Metals and Metal Compounds*	9,635	73	9,708
Non-metal TRI Chemicals**	2,190,104	0	2,190,104
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	3,524,039	291,082	3,815,121
Total Transfers Off-site for Further Waste Management/Disposal	**17,627,480**	**328,849**	**17,956,329**

* Transfers to POTWs of metals and metal 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

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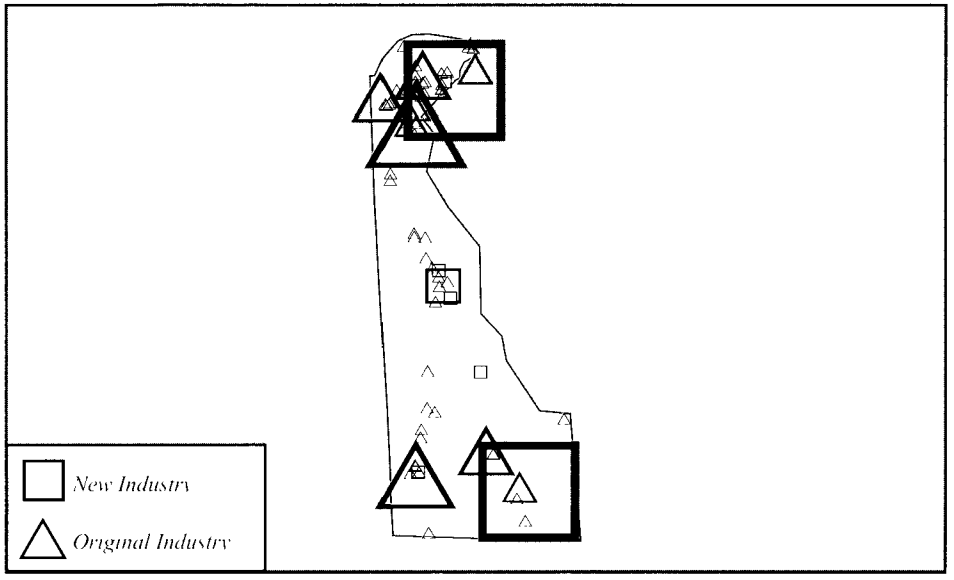

The largest marker in the state map represents the largest facility for on-site releases in the state of Delaware All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	786,234
Square Miles	1,955
Total Facilities	75
Total Forms	360
Form As	61

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	38	44	43
Pounds	8,240,553	5,360,453	13,601,006
National Rank for Total On-site Releases**			
Rank	41	43	44
Pounds	4,708,410	5,069,298	9,777,708
National Rank for Total Releases within State***			
Rank	38	44	43
Pounds	8,236,090	5,159,042	13,395,132
National Rank for Production-related Waste Managed			
Rank	31	45	36
Pounds	146,640,101	5,969,759	152,609,860

* 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

2000 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**	**4,270,982**	**0**	**0**	**0**	**0**	**4,270,982**	**0**	**0**	**0**
—	Manganese compounds	4,128	42,868	0	37,681	3,097,675	3,182,352	5	3,078,335	19,340
7664-93-9	**Sulfuric acid**	**1,001,635**	**0**	**0**	**0**	**0**	**1,001,635**	**0**	**0**	**0**
—	Nitrate compounds	0	753,368	0	210	0	753,578	0	0	0
—	**Vanadium compounds**	**12,938**	**1,530**	**0**	**603,129**	**103,179**	**720,776**	**3,107**	**65,266**	**37,913**

* 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

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
—	**Mercury compounds**	**476.50**	**0.20**	**0.00**	**1,932.40**	**265.56**	**2,674.66**	**63.90**	**20.33**	**245.23**
7439-97-6	Mercury	1,076.00	21.00	0.00	0.00	1,281.00	2,378.00	0.20	0.00	1,281.00
118-74-1	**Hexachlorobenzene**	**0.00**	**46.10**	**0.00**	**0.00**	**1,159.00**	**1,205.10**	**0.00**	**1,159.00**	**0.00**
—	Polycyclic aromatic compounds	555.91	6.70	0.00	0.30	2.00	564.91	0.00	2.00	0.00
29082-74-4	**Octachlorostyrene**	**0.00**	**0.00**	**0.00**	**0.00**	**436.90**	**436.90**	**0.00**	**436.90**	**0.00**
608-93-5	Pentachlorobenzene	2.10	12.40	0.00	0.00	348.00	362.50	0.00	348.00	0.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.20**	**0.00**	**0.00**	**188.30**	**188.50**	**0.00**	**188.30**	**0.00**
—	Dioxin and dioxin-like compounds	0.01	0.03	0.00	0.00	85.25	85.29	0.00	85.25	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***4.958***	***13.990***	***0.000***	***1.140***	***38,662.358***	***38,682.446***	***0.000***	***38,662.000***	***0.358***
191-24-2	Benzo(g,h,i)perylene	0 80	10.00	0.00	0.00	0.00	10.80	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

2000 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 Power Plant, Millsboro, Sussex	2,647,969	14,796	0	0	0	380,990	3,043,755	1,151	4,133
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	1,845,441	23,137	0	0	0	0	1,868,578	81,571	204,300
Motiva Enterprises L.L.C., Delaware City, New Castle	1,007,060	25,630	0	0	0	723,064	1,755,753	0	979
Du Pont Seaford Plant, Seaford, Sussex	373,422	427,600	0	0	0	258	801,280	0	0
DaimlerChrysler Co. Newark Assembly Plant, Newark, New Castle	483,604	0	0	0	0	0	483,604	12,021	11
Georgetown Processing Plant Facility #17, Georgetown, Sussex	0	326,808	0	0	0	210	327,018	0	0
GMC Nao Wilmington Assembly Plant, Wilmington, New Castle	278,115	0	0	0	0	0	278,115	120	1,763
Du Pont Edge Moor, Edgemoor, New Castle	199,289	29,300	0	0	0	0	228,589	3,467,214	0
NRG Energy Center Dover, Dover, Kent	152,979	0	0	0	0	0	152,979	0	0
Formosa Plastics Corp., Delaware City, New Castle	134,526	0	0	0	0	0	134,526	0	0

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

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 Power Plant, Millsboro, Sussex	318.00	0.00	0.00	0.00	0.00	1,914.00	2,232.00	0.00	1.00
Occidental Chemical Corp., New Castle, New Castle	1,076.00	21.00	0.00	0.00	0.00	0.00	1,097.00	0.00	1,281.00
Vlasic Foods Intl., Millsboro, Sussex	418.51	0.00	0.00	0.00	0.00	0.00	418.51	0.00	0.00
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	178.10	0 00	0.00	0.00	0.00	0.00	178 10	18.00	219.00
Du Pont Edge Moor, Edgemoor, New Castle	0.00	53.63	0.00	0.00	0.00	0.00	53.63	2,217.45	0.00
Motiva Enterprises L.L.C , Delaware City, New Castle	26.01	16.90	0.00	0 00	0.00	0.50	43.41	0.00	0.70
Du Pont Seaford Plant, Seaford, Sussex	21.60	0.00	0.00	0.00	0.00	18.20	39.80	0.00	0.00
NRG Energy Center Dover, Dover, Kent	36.00	0.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00
Citisteel USA Inc., Claymont, New Castle	33.00	0.00	0.00	0.00	0.00	0.00	33.00	0.00	0.00
Metachem Prods. L.L C., New Castle, New Castle	2.10	5 10	0.00	0.00	0.00	0.00	7.20	0.00	0.00

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

2000 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	0	0	0	37,208,000	0	3,695,803	40,903,803	0
Indian River Power Plant, Millsboro, Sussex	0	1	0	0	424,799	0	3,050,459	3,475,259	1
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	0	36,524	0	0	146,560	0	2,154,451	2,337,535	0
Motiva Enterprises L.L.C., Delaware City, New Castle	0	77,000	26,876,413	531	17,988,750	1,106	1,756,989	46,700,789	0
Du Pont Seaford Plant, Seaford, Sussex	0	0	0	0	426,000	1,040	801,280	1,228,320	0
DaimlerChrysler Co. Newark Assembly Plant, Newark, New Castle	0	213,961	0	5,857	61,500	184,460	498,480	964,258	0
Georgetown Processing Plant Facility #17, Georgetown, Sussex	0	0	0	0	0	0	327,018	327,018	0
GMC Nao Wilmington Assembly Plant, Wilmington, New Castle	0	285,000	0	48,916	73,200	68,841	277,885	753,842	0
Vlasic Foods Intl., Millsboro, Sussex	0	0	534	0	0	0	214,418	214,952	0
NRG Energy Center Dover, Dover, Kent	0	0	0	0	0	0	152,979	152,979	0

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

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
Vlasic Foods Intl., Millsboro, Sussex	0	0	534	0	0	0	214,418	214,952	0
Occidental Chemical Corp., New Castle, New Castle	7,880	0	0	0	0	0	2,378	10,258	0
Du Pont Edge Moor, Edgemoor, New Castle	0	0	0	0	0	0	2,271	2,271	0
Indian River Power Plant, Millsboro, Sussex	0	1	0	0	0	0	2,232	2,233	1
Conectiv Edge Moor/Hay Road Power Plants, Wilmington, New Castle	0	0	0	0	0	0	415	415	0
Iko Production Inc., Wilmington, New Castle	0	64	0	0	0	0	64	128	0
Citisteel USA Inc., Claymont, New Castle	0	0	0	0	0	0	61	61	0
Motiva Enterprises L.L.C., Delaware City, New Castle	0	0	371	0	1,700	0	44	2,115	0
Du Pont Seaford Plant, Seaford, Sussex	0	0	0	0	0	0	40	40	0
NRG Energy Center Dover, Dover, Kent	0	0	0	0	0	0	36	36	0

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

2000 Toxics Release Inventory

DISTRICT OF COLUMBIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	13,250	53,008	66,258
Air Emissions	0	53,008	53,008
Surface Water Discharges	272	0	272
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	12,978	0	12,978
Off-site Releases (Transfers Off-site to Disposal)*	7	0	7
Total On- and Off-site Releases	**13,257**	**53,008**	**66,265**
Recycled On-site	0	0	0
Recycled Off-site	7,893	40	7,933
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	0	0	0
Treated On-site	0	0	0
Treated Off-site**	0	70	70
Quantity Released On- and Off-site***	13,257	53,118	66,375
Total Production-related Waste Managed	**21,150**	**53,228**	**74,378**
Non-production-related Waste Managed	**0**	**0**	**0**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	7,893	40	7,933
Energy Recovery	0	0	0
Treatment	0	70	70
Publicly Owned Treatment Works (POTWs)	0	0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	7	0	7
Total Transfers Off-site for Further Waste Management/Disposal	**7,900**	**110**	**8,010**

* Transfers to POTWs of metals and metal 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.

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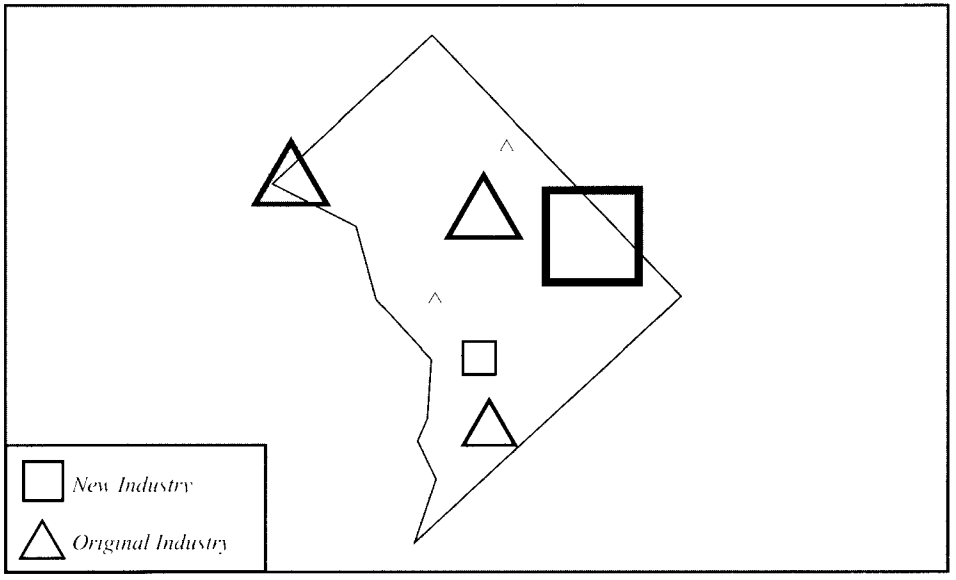

The largest marker in the map represents the largest facility for on-site releases in the District of Columbia All markers are proportionally-sized to represent the on-site releases at each facility within this district

State/TRI Data	
Population	571,066
Square Miles	61
Total Facilities	7
Total Forms	18
Form As	1

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	54	52	54
Pounds	13,257	53,008	66,265
National Rank for Total On-site Releases**			
Rank	54	52	54
Pounds	13,250	53,008	66,258
National Rank for Total Releases within State***			
Rank	54	52	54
Pounds	13,685	53,032	66,717
National Rank for Production-related Waste Managed			
Rank	53	53	54
Pounds	21,150	53,228	74,378

* 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

2000 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**	**53,000**	**0**	**0**	**0**	**0**	**53,000**	**0**	**0**	**0**
—	Manganese compounds	0	74	0	9,961	0	10,035	0	0	0
—	**Copper compounds**	**0**	**3**	**0**	**3,017**	**0**	**3,020**	**185**	**0**	**0**
—	Nitrate compounds	0	195	0	0	0	195	0	0	0
—	**Mercury compounds**	**8**	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**0**

* 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

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
—	**Mercury compounds**	**8.00**	**0.00**	**0.00**	**0.00**	**0.00**	**8.00**	**0.00**	**0.00**	**0.00**
—	Polycyclic aromatic compounds	0.32	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**0.04**	**0.00**	**0.00**	**0.00**	**0.00**	**0.04**	**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)***	***0.120***	***0.000***	***0.000***	***0.000***	***0.000***	***0.120***	***0.000***	***0.000***	***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**	—***	—	—	—	—	—	—	—	—
7439-97-6	Mercury	—***	—	—	—	—	—	—	—	—
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

2000 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	53,008	0	0	0	0	0	53,008	0	0
US Army Corps of Eng McMillan WTP Washington Aqueduct Div., Washington, Dist of Columbia	0	50	0	0	0	7,038	7,088	0	0
U.S. Army Corps of Engineers Dalecarlia WTP Aqueduct, Washington, Dist of Columbia	0	27	0	0	0	5,940	5,967	0	0
DC Materials, Washington, Dist of Columbia	0	195	0	0	0	0	195	0	0
Buzzard Point, Washington, Dist of Columbia	0	0	0	0	0	0	0	0	0
—									
—									
—									
—									
—									

Note: Facility ranked 5 reported less than 0.01 pounds of on- and off-site releases Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero on- and off-site releases

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

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
Benning Generating Station, Washington, Dist of Columbia	8.34	0.00	0.00	0.00	0.00	0.00	8.34	0.00	0.00
Buzzard Point, Washington, Dist of Columbia	0.02	0.00	0.00	0.00	0.00	0.00	0.02	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.

2000 Toxics Release Inventory

DISTRICT OF COLUMBIA

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	40	0	0	0	68	53,116	53,223	0
US Army Corps of Eng. McMillan WTP Washington Aqueduct Drv., Washington, Dist of Columbia	0	586	0	0	0	0	7,088	7,674	0
U.S. Army Corps of Engineers Dalecarlia WTP Aqueduct, Washington, District of Columbia	0	857	0	0	0	0	5,967	6,824	0
DC Materials, Washington, Dist of Columbia	0	0	0	0	0	0	195	195	0
U.S. Dept. of the Treasury Bureau of Printing & Engraving, Washington, District of Columbia	0	6,450	0	0	0	0	7	6,457	0
Buzzard Point, Washington, Dist of Columbia	0	0	0	0	0	2	2	4	0

Note: Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero total production-related waste.

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

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
Benning Generating Station, Washington, Dist of Columbia	0	40	0	0	0	68	116	223	0
Buzzard Point, Washington, Dist of Columbia	0	0	0	0	0	2	2	4	0

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

2000 Toxics Release Inventory

FLORIDA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	71,631,053	67,450,390	139,081,443
Air Emissions	32,928,371	54,833,989	87,762,360
Surface Water Discharges	1,745,477	52,318	1,797,794
Underground Injection Class I Wells	34,849,655	0	34,849,655
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	67,175	1,359,073	1,426,248
Other On-site Land Releases	2,040,376	11,205,010	13,245,386
Off-site Releases (Transfers Off-site to Disposal)*	2,603,523	1,972,129	4,575,652
Total On- and Off-site Releases	**74,234,577**	**69,422,519**	**143,657,096**
Recycled On-site	68,092,044	1,941,265	70,033,309
Recycled Off-site	21,458,549	261,049	21,719,598
Energy Recovery On-site	19,434,112	1	19,434,113
Energy Recovery Off-site	2,816,535	330,070	3,146,605
Treated On-site	81,160,846	45,821,148	126,981,994
Treated Off-site**	9,915,398	55,536	9,970,934
Quantity Released On- and Off-site***	74,454,808	67,142,134	141,596,942
Total Production-related Waste Managed	**277,332,292**	**115,551,203**	**392,883,495**
Non-production-related Waste Managed	**31,128**	**3,472**	**34,600**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	21,505,075	534,953	22,040,028
Energy Recovery	2,819,448	330,498	3,149,946
Treatment	1,555,611	48,415	1,604,026
Publicly Owned Treatment Works (POTWs)	7,967,296	515	7,967,811
Metals and Metal Compounds*	78,669	15	78,684
Non-metal TRI Chemicals**	7,888,626	500	7,889,126
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	2,770,892	1,972,114	4,743,005
Total Transfers Off-site for Further Waste Management/Disposal	**36,618,321**	**2,886,495**	**39,504,816**

* Transfers to POTWs of metals and metal 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 . . .

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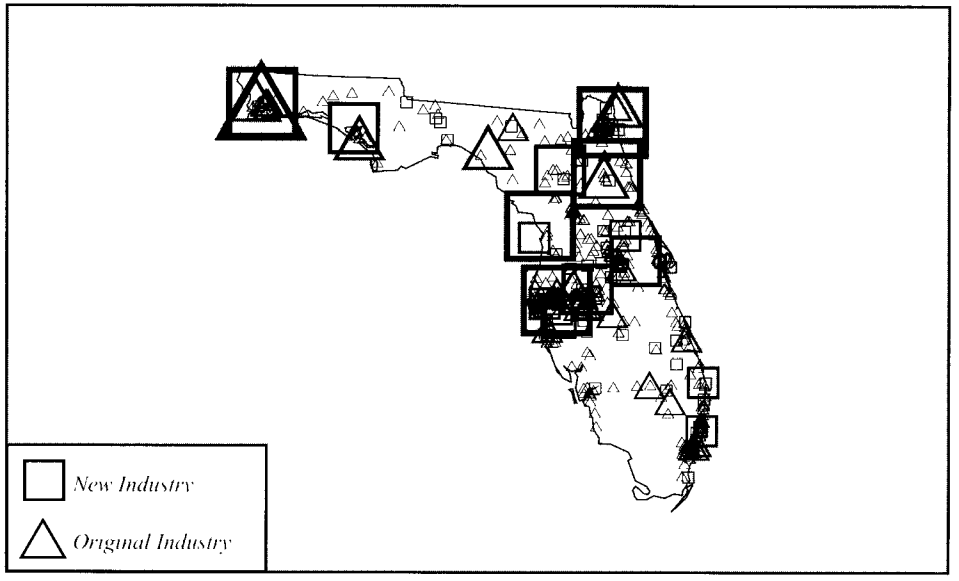

The largest marker in the state map represents the largest facility for on-site releases in the state of Florida All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	16,054,328
Square Miles	53,997
Total Facilities	610
Total Forms	1,947
Form As	339

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	10	15	14
Pounds	74,234,577	69,422,519	143,657,096
National Rank for Total On-site Releases**			
Rank	8	14	12
Pounds	71,631,053	67,450,390	139,081,443
National Rank for Total Releases within State***			
Rank	10	14	15
Pounds	74,050,032	69,016,910	143,066,942
National Rank for Production-related Waste Managed			
Rank	26	13	26
Pounds	277,332,292	115,551,203	392,883,495

* 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

2000 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**	**38,808,498**	**0**	**0**	**0**	**0**	**38,808,498**	**0**	**0**	**0**
—	Nitrate compounds	145,909	1,416,885	25,977,433	615,117	1,078,728	29,234,072	1,369	1,059,179	19,549
7664-93-9	**Sulfuric acid**	**14,389,484**	**0**	**0**	**0**	**0**	**14,389,484**	**0**	**0**	**0**
67-56-1	Methanol	11,752,603	16,520	468,756	35,325	2,820	12,276,024	10	2,797	23
7664-41-7	**Ammonia**	**4,782,609**	**143,130**	**289,295**	**171,910**	**309,709**	**5,696,653**	**0**	**305,596**	**4,113**

* 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

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
40487-42-1	**Pendimethalin**	**0.00**	**0.00**	**0.00**	**20,342.00**	**0.00**	**20,342.00**	**0.00**	**0.00**	**0.00**
—	Polycyclic aromatic compounds	15,426.48	69.56	0.00	239.05	135.13	15,870.22	2,200.00	133.53	1.60
—	**Mercury compounds**	**1,943.08**	**9.11**	**0.00**	**2,387.66**	**255.36**	**4,595.21**	**7.00**	**106.16**	**149.20**
7439-97-6	Mercury	224.36	5.60	0.00	230.85	155.90	616 71	1.00	151.30	4.60
118-74-1	**Hexachlorobenzene**	**12.00**	**0.00**	**0.00**	**0.00**	**601.00**	**613.00**	**0.00**	**601.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	493.15	0.00	0.00	7.71	14.15	515.01	0.00	14.15	0.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**1.11**	**1.11**	**0.00**	**0.11**	**1.00**
—	Dioxin and dioxin-like compounds	0.16	0.01	0.00	0 06	0.00	0.23	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***70.610***	***4.422***	***0.000***	***27.983***	***0.000***	***103.014***	***0.000***	***0.000***	***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	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Solutia Inc., Cantonment, Escambia	611,814	2,592	34,339,155	0	0	0	34,953,561	2,471	1,965
Gulf Power Co. Plant Crist, Pensacola, Escambia	16,621,882	3,347	0	0	0	663,667	17,288,896	0	0
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	8,316,033	5,800	0	0	0	188,055	8,509,888	0	0
Florida Power Crystal River Energy Complex, Crystal River, Citrus	8,071,908	18,900	0	0	0	29,775	8,120,583	52	0
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	5,254,046	4,252	0	0	0	2,026,328	7,284,626	30	41,592
Seminole Generating Station, Palatka, Putnam	2,670,476	3,216	0	0	0	4,134,491	6,808,183	0	0
Gulf Power Co. Plant Lansing Smith, Southport, Bay	3,681,502	398	0	0	0	396,370	4,078,270	0	0
Stanton Energy Complex, Orlando, Orange	272,766	0	0	0	0	3,610,975	3,883,741	897,150	0
Jefferson Smurfit Corp., Fernandina Beach, Nassau	2,825,449	12,019	0	0	0	0	2,837,468	0	0
Stone Container Corp., Panama City, Bay	2,469,219	0	0	0	0	139,060	2,608,280	73,093	0

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

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. Sugar Corp.,Bryant Mill, Bryant, Palm Beach	384.00	0.00	0.00	0.00	0.00	12,339.00	12,723.00	0.00	0.00
U.S. Sugar Corp. Western Div., Clewiston, Hendry	0.00	0.00	0.00	0.00	0.00	8,003.00	8,003.00	0.00	0.00
Citrus World Inc., Lake Wales, Polk	3,600.00	0.00	0.00	0.00	0.00	0.00	3,600.00	0.00	0.00
Jack M. Berry Inc., Alva, Hendry	3,199.00	0.00	0.00	0.00	0.00	0.00	3,199.00	0.00	0.00
City of Vero Beach Municipal Utilities, Vero Beach, Indian River	3,033.34	0.00	0.00	0.00	0.00	0.00	3,033.34	0.00	0.00
Tropical Asphalt Prods. Corp., Pembroke Park, Broward	2,000.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0.00	0.00
Seminole Generating Station, Palatka, Putnam	99.01	4.00	0.00	0.00	0.00	1,137.00	1,240.01	0.00	0.00
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	471.01	2.00	0.00	0.00	0.00	468.00	941.01	0.00	42.00
C.D. McIntosh Jr. Power Plant, Lakeland, Polk	200.00	3.00	0.00	0.00	454.00	0.00	657.00	0.00	0.00
Apac Florida Tampa Plant Tampa Div., Tampa, Hillsborough	543.40	0.00	0.00	0.00	0.00	0.00	543.40	0.00	0.00

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

2000 Toxics Release Inventory

FLORIDA

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	111,895	166,216	0	16,013,964	0	34,957,610	51,295,511	387
Gulf Power Co. Plant Crist, Pensacola, Escambia	0	0	0	0	0	0	17,288,887	17,288,887	0
Tampa Electric Co. Gannon Station, Tampa, Hillsborough	0	57	0	0	2,247,000	0	8,509,988	10,757,045	0
Florida Power Crystal River Energy Complex, Crystal River, Citrus	0	10	1	0	1,900,000	0	8,120,318	10,020,329	0
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	0	0	0	0	3,190,780	0	7,317,483	10,508,263	0
Seminole Generating Station, Palatka, Putnam	0	0	0	0	6,605,504	0	6,808,183	13,413,687	0
Gulf Power Co. Plant Lansing Smith, Southport, Bay	0	0	0	0	0	0	4,078,270	4,078,270	0
Stanton Energy Complex, Orlando, Orange	0	0	0	0	6,110,464	0	3,883,030	9,993,494	0
Jefferson Smurfit Corp., Fernandina Beach, Nassau	0	0	11,664	0	4,187,405	0	2,837,467	7,036,536	0
Stone Container Corp , Panama City, Bay	0	0	128,000	0	2,129,100	7,295,708	2,681,366	12,234,174	0

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

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. Sugar Corp., Bryant Mill, Bryant, Palm Beach	0	0	0	0	0	0	12,783	12,783	0
U.S. Sugar Corp. Western Div., Clewiston, Hendry	0	0	0	0	0	0	8,003	8,003	0
Citrus World Inc., Lake Wales, Polk	0	0	0	0	0	0	3,600	3,600	0
Jack M. Berry Inc., Alva, Hendry	3,199	0	3,199	0	0	0	3,199	9,597	0
City of Vero Beach Municipal Utilities, Vero Beach, Indian River	0	0	0	0	0	0	3,033	3,033	0
Tropical Asphalt Prods. Corp., Pembroke Park, Broward	0	0	0	0	0	0	2,000	2,000	0
Seminole Generating Station, Palatka, Putnam	0	0	0	0	0	0	1,240	1,240	0
St. Johns River Power Park/Northside Generating Station, Jacksonville, Duval	0	0	0	0	0	0	983	983	0
Clariant LSM (Florida) Inc., Gainesville, Alachua	0	0	0	0	0	1,964	601	2,565	0
Apac Florida Tampa Plant Tampa Div , Tampa, Hillsborough	0	0	0	0	0	0	543	543	0

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

2000 Toxics Release Inventory

GEORGIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	56,988,280	60,502,036	117,490,316
Air Emissions	48,534,021	47,590,624	96,124,645
Surface Water Discharges	6,368,873	135,954	6,504,826
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	286,985	0	286,985
Other On-site Land Releases	1,798,402	12,775,458	14,573,860
Off-site Releases (Transfers Off-site to Disposal)*	4,713,911	4,564	4,718,475
Total On- and Off-site Releases	**61,702,191**	**60,506,600**	**122,208,791**
Recycled On-site	99,747,400	3,486,707	103,234,107
Recycled Off-site	46,620,032	246,422	46,866,454
Energy Recovery On-site	46,210,900	32,371	46,243,271
Energy Recovery Off-site	15,021,898	47,087	15,068,985
Treated On-site	166,327,809	835,160	167,162,969
Treated Off-site**	7,949,323	43,917	7,993,240
Quantity Released On- and Off-site***	66,252,194	60,488,951	126,741,145
Total Production-related Waste Managed	**448,129,555**	**65,180,615**	**513,310,170**
Non-production-related Waste Managed	**185,378**	**12,069**	**197,447**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	47,268,018	233,631	47,501,649
Energy Recovery	14,565,903	41,290	14,607,193
Treatment	3,742,409	43,750	3,786,159
Publicly Owned Treatment Works (POTWs)	4,900,512	60	4,900,572
Metals and Metal Compounds*	410,687	0	410,687
Non-metal TRI Chemicals**	4,489,825	60	4,489,885
Other Off-site Transfers****	599	0	599
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,926,142	4,579	7,930,721
Total Transfers Off-site for Further Waste Management/Disposal	**78,403,583**	**323,310**	**78,726,893**

* Transfers to POTWs of metals and metal 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

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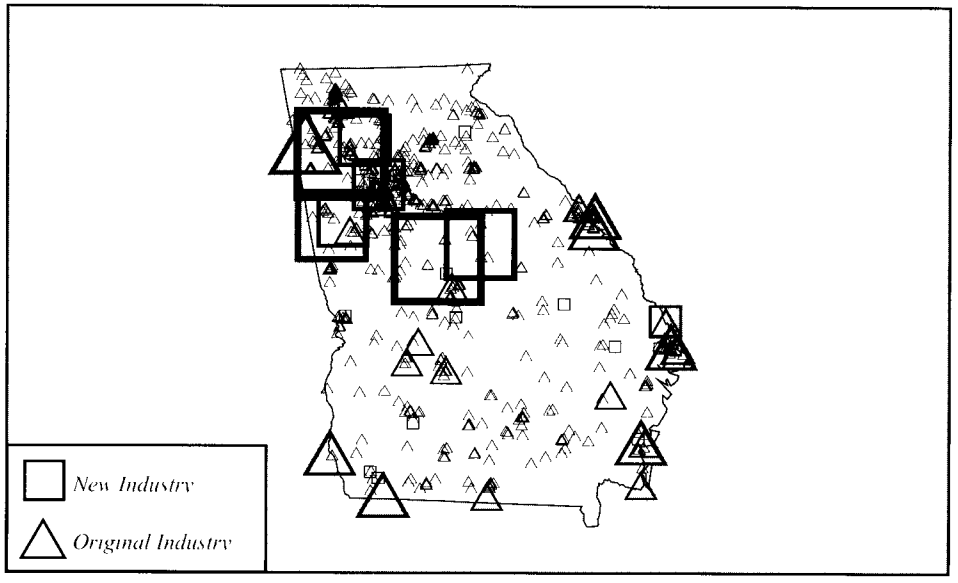

The largest marker in the state map represents the largest facility for on-site releases in the state of Georgia All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	8,229,823
Square Miles	57,919
Total Facilities	754
Total Forms	2,719
Form As	612

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	13	18	18
Pounds	61,702,191	60,506,600	122,208,791
National Rank for Total On-site Releases**			
Rank	12	17	17
Pounds	56,988,280	60,502,036	117,490,316
National Rank for Total Releases within State***			
Rank	13	18	18
Pounds	61,429,606	60,626,006	122,055,612
National Rank for Production-related Waste Managed			
Rank	15	23	18
Pounds	448,129,555	65,180,615	513,310,170

* 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

2000 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**	**42,027,142**	**0**	**0**	**0**	**0**	**42,027,142**	**0**	**0**	**0**
67-56-1	Methanol	13,488,754	72,565	0	158,970	12,988	13,733,277	1,408	3,638	9,350
7664-41-7	**Ammonia**	**8,701,745**	**187,605**	**0**	**17,403**	**49,895**	**8,956,648**	**2,906**	**47,486**	**2,409**
—	Barium compounds	61,945	282,770	0	7,176,227	170,570	7,691,512	6,439	91,638	78,932
7664-93-9	**Sulfuric acid**	**6,792,895**	**0**	**0**	**0**	**0**	**6,792,895**	**0**	**0**	**0**

* 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

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**	**18,830.55**	**121.50**	**0.00**	**108.30**	**179.78**	**19,240.13**	**38.60**	**179.78**	**0.00**
—	Mercury compounds	3,908.42	7.57	0.00	1,301.70	59.22	5,276.91	53.00	40.04	19.18
7439-97-6	**Mercury**	**1,020.19**	**11.00**	**0.00**	**0.00**	**59.00**	**1,090.19**	**2.90**	**0.00**	**59.00**
191-24-2	Benzo(g,h,i)perylene	280.28	12.19	0.00	8 29	13.81	314 57	3.50	13.81	0.00
118-74-1	**Hexachlorobenzene**	**15.00**	**0.00**	**0.00**	**0.00**	**0.00**	**15.00**	**4.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	2.19	0.04	0.00	0 60	0.31	3.14	0.00	0.00	0.31
—	***Dioxin and dioxin-like compounds (in grams)***	***994.577***	***19.613***	***0.000***	***271.842***	***140.106***	***1,426.137***	***0.000***	***0.315***	***139.791***
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	—***	—	—	—	—	—	—	—	—
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

2000 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
Bowen Steam Electric Generating Plant, Cartersville, Bartow	17,807,778	13,540	0	0	0	1,553,569	19,374,887	0	15
Scherer Steam Electric Generating Plant, Juliette, Monroe	8,242,609	28,315	0	0	0	4,811,400	13,082,324	1	0
Branch Steam Electric Generating Plant, Milledgeville, Putnam	7,627,923	11,152	0	0	0	1,564,733	9,203,808	0	0
Wansley Steam Electric Generating Plant, Roopville, Heard	4,194,885	10,754	0	0	0	1,906,527	6,112,166	0	0
Inland Paperboard & Packaging Inc., Rome, Floyd	4,473,717	174,387	0	0	0	194,552	4,842,655	38,437	0
Yates Steam Electric Generating Plant, Newnan, Coweta	2,572,377	18,541	0	0	0	1,468,968	4,059,886	0	0
McDonough/Atkinson Steam Electric Generating Plant, Smyrna, Cobb	3,772,826	31,868	0	0	0	116,873	3,921,567	0	0
Great Southern Paper Co., Cedar Springs, Early	2,579,026	79,594	0	0	0	467,046	3,125,666	0	0
DSM Chemicals N.A. Inc., Augusta, Richmond	442,973	2,606,848	0	0	0	0	3,049,821	0	0
International Paper Co. Savannah Complex, Savannah, Chatham	2,869,945	30,170	0	0	0	0	2,900,115	358,528	43,153

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

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
Durango-Georgia Paper Co., Saint Marys, Camden	8,536.00	21.31	0.00	0.00	0.00	0.00	8,557.31	6.04	0.00
Citgo Asphalt Refining Co., Savannah, Chatham	5,088.00	0.00	0.00	0.00	0 00	0.00	5,088.00	0.00	0.00
Collins & Aikman Floorcoverings Inc., Dalton, Whitfield	3,128.00	0.00	0.00	0.00	0.00	0.00	3,128.00	0.00	0.00
Scherer Steam Electric Generating Plant, Juliette, Monroe	1,053.60	3.20	0.00	0.00	0.00	266.30	1,323.10	0.00	0.00
Bowen Steam Electric Generating Plant, Cartersville, Bartow	808.20	0.00	0.00	0.00	0.00	208.80	1,017.00	0.00	0.00
Olin Corp., Augusta, Richmond	719.00	11.00	0.00	0.00	0.00	0.00	730.00	0.00	21.00
Branch Steam Electric Generating Plant, Milledgeville, Putnam	453.20	0.00	0.00	0.00	0.00	251.60	704.80	0.00	0.00
Wansley Steam Electric Generating Plant, Roopville, Heard	488.20	0.00	0.00	0.00	0.00	166.70	654.90	0.00	0.00
Yates Steam Electric Generating Plant, Newnan, Coweta	384.40	0.00	0.00	0.00	0.00	162.60	547.00	0.00	0.00
International Paper, Augusta, Richmond	334.31	45.00	0.00	0.00	0.00	54.10	433.41	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
Bowen Steam Electric Generating Plant, Cartersville, Bartow	0	0	0	0	0	0	19,374,899	19,374,899	0
Scherer Steam Electric Generating Plant, Juliette, Monroe	0	0	0	0	0	0	13,082,325	13,082,325	0
Branch Steam Electric Generating Plant, Milledgeville, Putnam	0	0	0	0	0	0	9,203,809	9,203,809	0
Wansley Steam Electric Generating Plant, Roopville, Heard	0	0	0	0	0	0	6,112,166	6,112,166	0
Inland Paperboard & Packaging Inc., Rome, Floyd	0	0	8,027,130	0	3,616,673	0	4,855,122	16,498,925	0
Southwire Co., Carrollton, Carroll	0	1,112,068	0	43	2	80	4,684,169	5,796,362	0
Engelhard Corp. Attapulgus Ops., Attapulgus, Decatur	0	0	0	0	107,680	0	4,110,509	4,218,189	4,748
Yates Steam Electric Generating Plant, Newnan, Coweta	0	0	0	0	0	0	4,059,886	4,059,886	0
McDonough/Atkinson Steam Electric Generating Plant, Smyrna, Cobb	0	0	0	0	0	0	3,921,566	3,921,566	0
International Paper Co. Savannah Complex, Savannah, Chatham	158,830	0	2,970,270	263,030	5,773,550	43,150	3,257,893	12,466,723	0

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

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
Omnova Solutions Inc., Calhoun, Gordon	0	0	0	0	0	9,511	9,511	19,022	0
Durango-Georgia Paper Co., Saint Marys, Camden	0	0	8,100	0	0	6	8,539	16,645	0
Citgo Asphalt Refining Co., Savannah, Chatham	0	0	0	0	0	0	5,143	5,143	0
Collins & Aikman Floorcoverings Inc., Dalton, Whitfield	0	0	0	0	0	0	3,128	3,128	0
Scherer Steam Electric Generating Plant, Juliette, Monroe	0	0	0	0	0	0	1,323	1,323	0
Bowen Steam Electric Generating Plant, Cartersville, Bartow	0	0	0	0	0	0	1,017	1,017	0
Olin Corp., Augusta, Richmond	0	5,635	0	0	0	0	751	6,386	0
Branch Steam Electric Generating Plant, Milledgeville, Putnam	0	0	0	0	0	0	705	705	0
Wansley Steam Electric Generating Plant, Roopville, Heard	0	0	0	0	0	0	655	655	0
Yates Steam Electric Generating Plant, Newnan, Coweta	0	0	0	0	0	0	547	547	0

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

2000 Toxics Release Inventory

GUAM

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	0	224,283	224,283
Air Emissions	0	223,797	223,797
Surface Water Discharges	0	0	0
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	486	486
Other On-site Land Releases	0	0	0
Off-site Releases (Transfers Off-site to Disposal)*	0	0	0
Total On- and Off-site Releases	**0**	**224,283**	**224,283**
Recycled On-site	0	0	0
Recycled Off-site	0	0	0
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	0	0	0
Treated On-site	0	0	0
Treated Off-site**	0	486	486
Quantity Released On- and Off-site***	0	224,155	224,155
Total Production-related Waste Managed	**0**	**224,641**	**224,641**
Non-production-related Waste Managed	**0**	**130**	**130**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	0	0	0
Energy Recovery	0	0	0
Treatment	0	1,831	1,831
Publicly Owned Treatment Works (POTWs)	0	0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	0	0	0
Total Transfers Off-site for Further Waste Management/Disposal	**0**	**1,831**	**1,831**

* Transfers to POTWs of metals and metal 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

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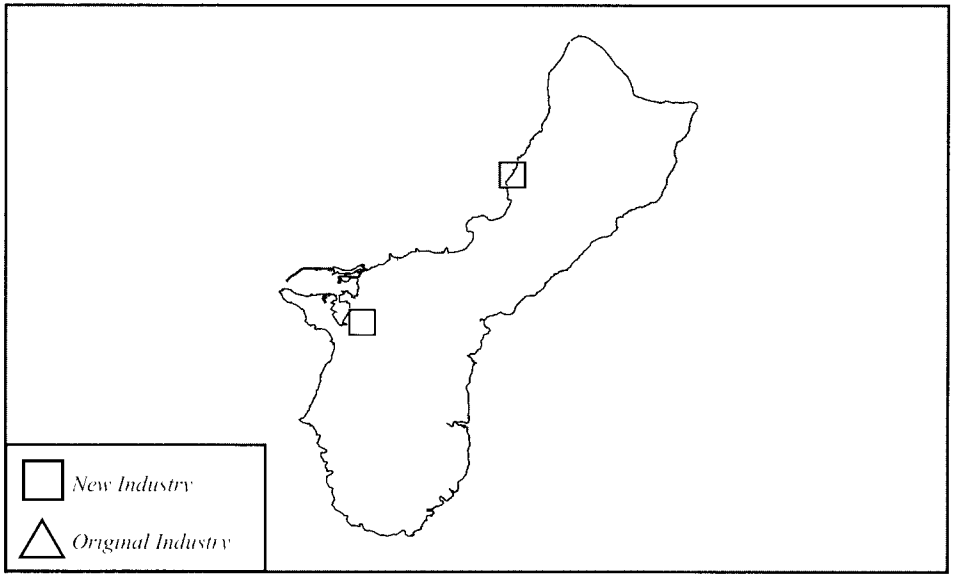

The largest marker in the map represents the largest facility for on-site releases in Guam. All markers are proportionally-sized to represent the on-site releases at each facility within this territory

State/TRI Data	
Population	154,805
Square Miles	210
Total Facilities	4
Total Forms	22
Form As	6

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	—	50	53
Pounds	0	224,283	224,283
National Rank for Total On-site Releases**			
Rank	—	49	53
Pounds	0	224,283	224,283
National Rank for Total Releases within State***			
Rank	—	50	53
Pounds	0	224,283	224,283
National Rank for Production-related Waste Managed			
Rank	—	51	53
Pounds	0	224,641	224,641

* 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

2000 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**	**204,400**	**0**	**0**	**0**	**0**	**204,400**	**0**	**0**	**0**
110-54-3	n-Hexane	6,314	0	0	78	0	6,392	0	0	0
108-88-3	**Toluene**	**5,566**	**0**	**0**	**74**	**0**	**5,640**	**0**	**0**	**0**
71-43-2	Benzene	3,440	0	0	0	0	3,440	0	0	0
1330-20-7	**Xylene (mixed isomers)**	**2,495**	**0**	**0**	**0**	**0**	**2,495**	**0**	**0**	**0**

* 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

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**	**310.39**	**0.00**	**0.00**	**81.00**	**0.00**	**391.39**	**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**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
7439-97-6	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

2000 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							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
Tanguisson Power Plant, Dededo, Guam	204,400	0	0	0	0	0	204,400	0	0
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	17,776	0	0	0	0	0	17,776	0	0
Shell Guam Agat Terminal, Agat, Guam	1,621	0	0	0	486	0	2,107	0	0

Note: Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero on- and off-site releases.

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

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
Shell Guam Agat Terminal, Agat, Guam	310.00	0.00	0.00	0.00	81.00	0.00	391.00	0.00	0.00
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	0.39	0.00	0.00	0.00	0.00	0.00	0.39	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
Tanguisson Power Plant, Dededo, Guam	0	0	0	0	0	0	204,400	204,400	0
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	0	0	0	0	0	0	17,776	17,776	0
Shell Guam Agat Terminal, Agat, Guam	0	0	0	0	0	486	1,979	2,465	130

Note: Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero total production-related waste

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

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
Shell Guam Agat Terminal, Agat, Guam	0	0	0	0	0	81	369	450	22
ExxonMobil Oil Corp. Cabras Island Terminal, Agana, Guam	0	0	0	0	0	0	0	0	0

Note: Facility ranked 2 reported less than 1 pound of total production-related waste

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

2000 Toxics Release Inventory

HAWAII

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	384,677	712,748	1,097,425
Air Emissions	344,337	712,748	1,057,085
Surface Water Discharges	1,224	0	1,224
Underground Injection Class I Wells	5	0	5
Underground Injection Class II-V Wells	7,279	0	7,279
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	31,833	0	31,833
Off-site Releases (Transfers Off-site to Disposal)*	116,487	60,059	176,546
Total On- and Off-site Releases	**501,163**	**772,808**	**1,273,971**
Recycled On-site	0	0	0
Recycled Off-site	3,290	0	3,290
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	837	336	1,173
Treated On-site	273,104	0	273,104
Treated Off-site**	2,361	0	2,361
Quantity Released On- and Off-site***	732,244	769,942	1,502,186
Total Production-related Waste Managed	**1,011,836**	**770,278**	**1,782,114**
Non-production-related Waste Managed	**8**	**0**	**8**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	183,662	0	183,662
Energy Recovery	837	1,255	2,092
Treatment	2,441	0	2,441
Publicly Owned Treatment Works (POTWs)	0	0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	154,148	60,059	214,207
Total Transfers Off-site for Further Waste Management/Disposal	**341,088**	**61,314**	**402,402**

* Transfers to POTWs of metals and metal 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 . . .

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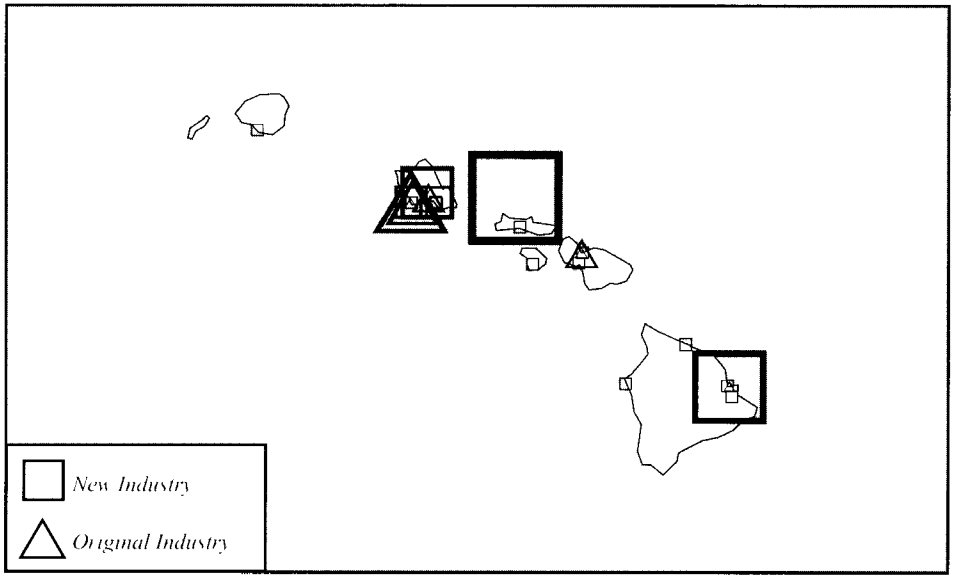


The largest marker in the state map represents the largest facility for on-site releases in the state of Hawaii All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,212,281
Square Miles	6,423
Total Facilities	30
Total Forms	145
Form As	17

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	51	48	50
Pounds	501,163	772,808	1,273,971
National Rank for Total On-site Releases**			
Rank	51	48	49
Pounds	384,677	712,748	1,097,425
National Rank for Total Releases within State***			
Rank	51	48	50
Pounds	385,519	772,530	1,158,049
National Rank for Production-related Waste Managed			
Rank	52	49	52
Pounds	1,011,836	770,278	1,782,114

* 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

2000 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
7647-01-0	**Hydrochloric acid**	**310,000**	**0**	**0**	**0**	**0**	**310,000**	**0**	**0**	**0**
7664-93-9	Sulfuric acid	299,950	0	0	0	0	299,950	0	0	0
1313-27-5	**Molybdenum trioxide**	**0**	**0**	**0**	**0**	**109,734**	**109,734**	**0**	**0**	**109,734**
—	Nickel compounds	55,023	0	0	0	42,723	97,746	0	750	41,973
110-54-3	**n-Hexane**	**66,058**	**20**	**0**	**0**	**195**	**66,273**	**0**	**190**	**5**

* 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

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**	**2,571.75**	**20.00**	**0.00**	**0.07**	**0.00**	**2,591.82**	**0.00**	**0.00**	**0.00**
—	Mercury compounds	39.28	3.50	5.60	0.00	52.14	100.52	0 00	40.65	11.49
191-24-2	**Benzo(g,h,i)perylene**	**0.92**	**0.00**	**0.00**	**0.00**	**0.00**	**0.92**	**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)***	***4.933***	***0.000***	***0.000***	***0.000***	***0.960***	***5.893***	***0.000***	***0.960***	***0.000***
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	**Chlordane**	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	**Hexachlorobenzene**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
7439-97-6	**Mercury**	—***	—	—	—	—	—	—	—	—
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

2000 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	319,021	0	0	0	0	0	319,021	750	250
Hill Generating Station, Hilo, Hawaii	180,053	0	0	0	0	0	180,053	0	0
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	160,518	924	0	0	0	0	161,441	690	1
Hawaiian Electric Inds. Inc Waiau Generating Station, Pearl City, Honolulu	107,028	0	0	0	0	0	107,028	0	0
Ball Metal Beverage Container Corp., Kapolei, Honolulu	89,021	0	0	0	0	0	89,021	0	0
Tesoro Hawaii Refy., Kapolei, Honolulu	59,778	0	0	7,279	0	0	67,056	152	153,304
Tosco Honolulu Terminal, Honolulu, Honolulu	50,675	0	0	0	0	0	50,675	0	0
U.S. Navy Pearl Harbor Naval Complex, Pearl Harbor, Honolulu	35,000	0	0	0	0	0	35,000	0	0
Maui Pineapple Co. Ltd., Kahului, Maui	0	0	0	0	0	31,533	31,533	0	0
AES Hawaii Inc., Kapolei, Honolulu	28,133	0	0	0	0	0	28,133	59,031	0

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

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
Maalaea Generating Station, Wailuku, Maui	1,612.00	0.00	0.00	0.00	0.00	0.00	1,612.00	0.00	0.00
Hawaiian Electric Inds. Puna Generating Station, Keaau, Hawaii	434.00	0.00	0.00	0.00	0.00	0.00	434.00	0.00	0.00
Hawaiian Electric Light Co. Inc. Keahole Generating Station, Kailua Kona, Hawaii	307.00	0.00	0.00	0.00	0.00	0.00	307.00	0.00	0.00
Maui Electric Co. Ltd Palaau Generating Station, Kaunakakai, Maui	85.00	0.00	0.00	0.00	0.00	0 00	85.00	0.00	0.00
Maui Electric Co. Ltd. Miki Basin Generating Station, Lanai City, Maui	59.00	0.00	0.00	0.00	0.00	0.00	59.00	0.00	0.00
Hill Generating Station, Hilo, Hawaii	53.00	0.00	0.00	0.00	0.00	0.00	53.00	0.00	0.00
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	28.20	0.00	0.00	0.00	0.00	0.00	28.20	0.00	0.00
Chevron Prods. Co. Hawaii Refy, Kapolei, Honolulu	2.78	23.50	0.00	0.00	0.00	0.00	26.28	0.00	1.00
Hawaiian Electric Inds. Inc. Kahe Generating Station, Kapolei, Honolulu	20.81	0.00	0.00	0.00	0.00	0.00	20.81	0.00	0.00
Tesoro Hawaii Refy., Kapolei, Honolulu	5.82	0.00	0.00	5.60	0.00	0.00	11.42	20.25	10.49

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

2000 Toxics Release Inventory

HAWAII

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	320,021	320,021	0
Tesoro Hawaii Refy., Kapolei, Honolulu	0	0	0	0	19,593	31	241,944	261,568	0
Hill Generating Station, Hilo, Hawaii	0	0	0	0	0	0	180,053	180,053	0
U.S. Army Schofield Barracks, Schofield Barracks, Honolulu	0	3,290	0	0	0	0	174,779	178,069	0
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	0	0	0	480	219,511	2,330	159,958	382,279	8
Hawaiian Electric Inds Inc. Waiau Generating Station, Pearl City, Honolulu	0	0	0	0	0	0	107,028	107,028	0
Ball Metal Beverage Container Corp., Kapolei, Honolulu	0	0	0	7	34,000	0	89,021	123,028	0
AES Hawaii Inc , Kapolei, Honolulu	0	0	0	0	0	0	87,162	87,162	0
Tosco Honolulu Terminal, Honolulu, Honolulu	0	0	0	0	0	0	51,280	51,280	0
U S Navy Pearl Harbor Naval Complex, Pearl Harbor, Honolulu	0	0	0	350	0	0	35,000	35,350	0

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

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
Maalaea Generating Station, Wailuku, Maui	0	0	0	0	0	0	1,612	1,612	0
Hawaiian Electric Inds. Puna Generating Station, Keaau, Hawaii	0	0	0	0	0	0	434	434	0
Hawaiian Electric Light Co. Inc. Keahole Generating Station, Kailua Kona, Hawaii	0	0	0	0	0	0	307	307	0
Maui Electric Co. Ltd. Palaau Generating Station, Kaunakakai, Maui	0	0	0	0	0	0	85	85	0
Maui Electric Co. Ltd. Miki Basin Generating Station, Lanai City, Maui	0	0	0	0	0	0	59	59	0
Hill Generating Station, Hilo, Hawaii	0	0	0	0	0	0	53	53	0
Tesoro Hawaii Refy., Kapolei, Honolulu	0	0	0	0	0	0	43	43	0
Hawaiian Electric Inds. Inc. Waiau Generating Station, Pearl City, Honolulu	0	0	0	0	0	0	28	28	0
Chevron Prods. Co. Hawaii Refy., Kapolei, Honolulu	0	0	0	40	0	0	28	68	0
AES Hawaii Inc., Kapolei, Honolulu	0	0	0	0	0	0	21	21	0

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

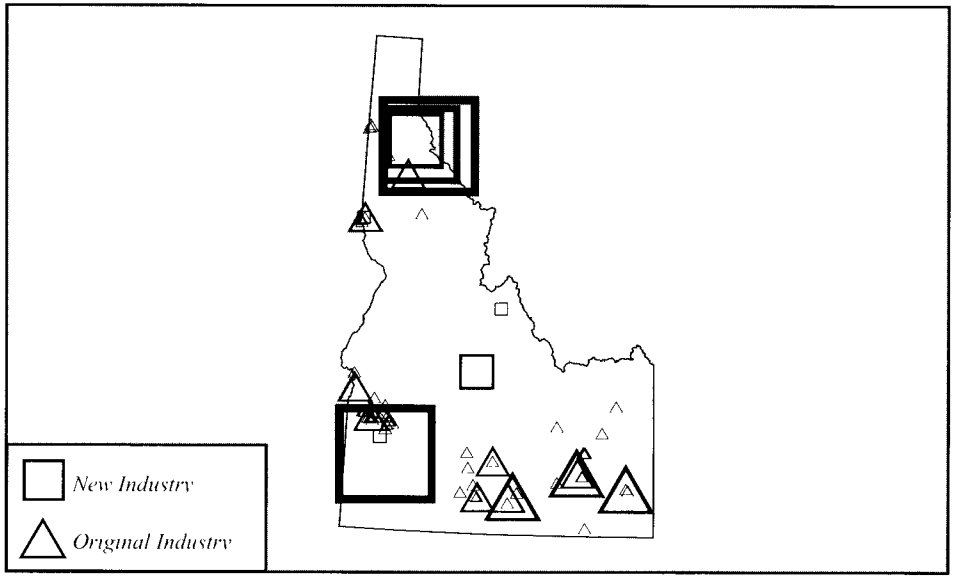
2000 Toxics Release Inventory

IDAHO

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	24,825,049	51,367,061	76,192,110
Air Emissions	5,514,319	25,841	5,540,160
Surface Water Discharges	6,212,329	8,761	6,221,090
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	15,372,600	15,372,600
Other On-site Land Releases	13,098,401	35,959,859	49,058,260
Off-site Releases (Transfers Off-site to Disposal)*	476,027	8	476,035
Total On- and Off-site Releases	**25,301,075**	**51,367,069**	**76,668,144**
Recycled On-site	3,631,990	0	3,631,990
Recycled Off-site	1,489,550	8,920	1,498,470
Energy Recovery On-site	1,224,988	0	1,224,988
Energy Recovery Off-site	128,597	0	128,597
Treated On-site	37,281,208	168,700	37,449,908
Treated Off-site**	1,226,615	1,094	1,227,709
Quantity Released On- and Off-site***	23,989,457	51,398,866	75,388,323
Total Production-related Waste Managed	**68,972,405**	**51,577,580**	**120,549,985**
Non-production-related Waste Managed	**7,588**	**99**	**7,687**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	1,505,481	34,427	1,539,908
Energy Recovery	113,205	0	113,205
Treatment	31,099	1,219	32,318
Publicly Owned Treatment Works (POTWs)	929,762	0	929,762
Metals and Metal Compounds*	705	0	705
Non-metal TRI Chemicals**	929,057	0	929,057
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	500,824	8	500,832
Total Transfers Off-site for Further Waste Management/Disposal	**3,080,371**	**35,654**	**3,116,025**

* Transfers to POTWs of metals and metal 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 marker in the state map represents the largest facility for on-site releases in the state of Idaho All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data	
Population	1,299,258
Square Miles	82,751
Total Facilities	77
Total Forms	285
Form As	36

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	29	22	26
Pounds	25,301,075	51,367,069	76,668,144
National Rank for Total On-site Releases**			
Rank	26	20	23
Pounds	24,825,049	51,367,061	76,192,110
National Rank for Total Releases within State***			
Rank	17	21	20
Pounds	55,248,311	51,429,002	106,677,313
National Rank for Production-related Waste Managed			
Rank	40	26	39
Pounds	68,972,405	51,577,580	120,549,985

* 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 . . .

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2000 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
—	**Manganese compounds**	**2,574**	**89,512**	**0**	**22,736,668**	**5**	**22,828,759**	**3,195,521**	**0**	**5**
—	Zinc compounds	69,176	4,866	0	9,795,182	5,205	9,874,429	22,174,570	5,200	5
—	**Lead compounds**	**1,125**	**826**	**0**	**7,279,485**	**139**	**7,281,575**	**3,783,925**	**8,882**	**86**
7440-66-6	Zinc (fume or dust)	2,975	0	0	6,700,000	1,200	6,704,175	0	0	1,200
—	**Nitrate compounds**	**0**	**6,037,517**	**0**	**365,189**	**230,762**	**6,633,468**	**300**	**229,953**	**809**

* 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.

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
—	**Mercury compounds**	**802.75**	**2.00**	**0.00**	**5,133.00**	**8.87**	**5,946.63**	**5,974.85**	**0.00**	**8.87**
—	Polycyclic aromatic compounds	56.30	22.30	0.00	50.00	0.00	128.60	0.00	0.00	0.00
7439-97-6	**Mercury**	**25.82**	**0.00**	**0.00**	**40.50**	**0.00**	**66.32**	**5.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	8 40	5.50	0.00	8.00	0.00	21.90	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.01**	**0.00**	**0.01**	**0.16**	**0.19**	**0.00**	**0.00**	**0.16**
—	*Dioxin and dioxin-like compounds (in grams)*	*1 884*	*5 136*	*0.000*	*3 732*	*74 358*	*85.111*	*0 000*	*0 000*	*74 358*
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

2000 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							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
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	394	3,369	0	0	0	22,366,511	22,370,274	0	8
US Ecology Idaho Inc., Grand View, Owyhee	4,510	0	0	0	15,372,600	0	15,377,110	0	0
Coeur Silver Valley, Wallace, Shoshone	256	3,157	0	0	0	8,050,741	8,054,154	0	0
Astaris Idaho L.L.C., Pocatello, Bannock	277,619	1,199	0	0	0	5,845,013	6,123,831	0	45
P4 Production L.L.C., Soda Springs, Caribou	185,196	1,495	0	0	0	5,385,131	5,571,822	0	0
Sunshine Mine, Kellogg, Shoshone	2,010	2,232	0	0	0	4,935,010	4,939,252	0	0
J. R. Simpolot Co. Heyburn Food Group, Heyburn, Minidoka	9,240	3,742,491	0	0	0	0	3,751,731	0	0
McCain Foods USA Inc., Burley, Cassia	25,184	2,032,648	0	0	0	0	2,057,832	0	0
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	988,275	173,963	0	0	0	302,788	1,465,026	0	0
U.S. EPA Fund-Lead Superfund Site/Bunker Hill, Kellogg, Shoshone	0	5,260	0	0	0	996,000	1,001,260	0	0

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

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
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	0.00	0.00	0.00	0.00	0.00	3,913.00	3,913.00	0.00	0.00
J R. Simplot Co. Don Siding, Pocatello, Power	0.00	0.00	0.00	0.00	0.00	900.00	900.00	0.00	0.00
P4 Production L.L.C., Soda Springs, Caribou	670.00	0.00	0.00	0.00	0.00	94.00	764.00	0.00	0.00
Sunshine Mine, Kellogg, Shoshone	0.00	2.00	0.00	0.00	0.00	226.00	228.00	0.00	0.00
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	64.70	27.81	0.00	0.00	0.00	58.01	150.52	0.00	0.00
Meridian Beartrack Co , Salmon, Lemhi	85.00	0.00	0.00	0.00	0.00	23.00	108.00	0.00	0.00
U.S. DOE Idaho Natl. Eng. & Environmental Lab, Scovill, Butte	47.75	0.00	0.00	0.00	0.00	0.00	47.75	0.00	8.88
Ash Grove Cement Co., Inkom, Bannock	25.82	0.00	0.00	0.00	0.00	17.50	43.32	0.00	0.00
Imco Recycling of Idaho Inc., Post Falls, Kootenai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Basic American Foods, Rexburg, Madison	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: Facilities ranked 9 and 10 reported less than 0 01 pounds of on-site releases

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

2000 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
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	0	8,920	0	0	0	0	22,370,276	22,379,196	0
US Ecology Idaho Inc., Grand View, Owyhee	0	0	0	0	0	0	15,370,600	15,370,600	0
Coeur Silver Valley, Wallace, Shoshone	0	0	0	0	0	0	8,047,404	8,047,404	0
Astaris Idaho L.L.C., Pocatello, Bannock	0	0	0	0	1,533,645	0	6,123,872	7,657,517	0
P4 Production L.L.C., Soda Springs, Caribou	0	0	0	0	3,415,000	0	5,590,260	9,005,260	0
Sunshine Mine, Kellogg, Shoshone	0	0	0	0	0	0	4,936,937	4,936,937	0
J. R. Simpolot Co. Heyburn Food Group, Heyburn, Minidoka	0	0	0	0	0	0	3,751,689	3,751,689	0
McCain Foods USA Inc., Burley, Cassia	0	0	0	0	1,479,978	0	2,057,832	3,537,810	0
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	0	0	1,224,988	0	10,201,410	0	1,464,458	12,890,856	2,288
Amalgamated Sugar Co. L.L.C., Paul, Minidoka	0	0	0	0	0	0	947,369	947,369	0

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

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
Meridian Beartrack Co., Salmon, Lemhi	0	0	0	0	0	0	13,023	13,023	0
Hecla Mining Co. Lucky Friday Mine, Mullan, Shoshone	0	0	0	0	0	0	3,913	3,913	0
J. R. Simplot Co. Don Siding, Pocatello, Power	0	0	0	0	0	0	900	900	0
P4 Production L.L.C., Soda Springs, Caribou	0	0	0	0	0	0	770	770	0
Sunshine Mine, Kellogg, Shoshone	0	0	0	0	0	0	227	227	0
Potlatch Corp. Idaho Pulp & Paperboard, Lewiston, Nez Perce	0	0	0	0	0	0	150	150	0
U.S. DOE Idaho Natl. Eng. & Environmental Lab, Scovill, Butte	0	97	0	0	0	0	74	171	0
Ash Grove Cement Co., Inkom, Bannock	0	0	0	0	0	0	43	43	0
Imco Recycling of Idaho Inc., Post Falls, Kootenai	0	0	0	0	0	0	0	0	0
Basic American Foods, Rexburg, Madison	0	0	0	0	0	0	0	0	0

Note: Facilities ranked 9 and 10 reported less than 1 pound of total production-related waste

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

2000 Toxics Release Inventory

ILLINOIS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	69,571,110	50,046,866	119,617,977
Air Emissions	45,904,355	22,144,025	68,048,380
Surface Water Discharges	6,778,914	77,290	6,856,204
Underground Injection Class I Wells	500	0	500
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	4,139,114	18,687,857	22,826,971
Other On-site Land Releases	12,748,228	9,137,694	21,885,922
Off-site Releases (Transfers Off-site to Disposal)*	24,443,523	6,279,410	30,722,933
Total On- and Off-site Releases	**94,014,634**	**56,326,276**	**150,340,910**
Recycled On-site	1,004,938,076	8,046,267	1,012,984,343
Recycled Off-site	119,367,577	757,608	120,125,185
Energy Recovery On-site	31,503,796	5	31,503,801
Energy Recovery Off-site	30,564,015	9,874,277	40,438,292
Treated On-site	201,959,050	30,105,731	232,064,781
Treated Off-site**	18,290,715	10,018,283	28,308,998
Quantity Released On- and Off-site***	105,105,897	56,107,937	161,213,833
Total Production-related Waste Managed	**1,511,729,126**	**114,910,108**	**1,626,639,234**
Non-production-related Waste Managed	**305,832**	**204,275**	**510,107**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	110,590,039	1,179,666	111,769,705
Energy Recovery	28,194,542	9,886,684	38,081,226
Treatment	9,634,187	938,007	10,572,194
Publicly Owned Treatment Works (POTWs)	11,088,981	663,614	11,752,596
Metals and Metal Compounds*	136,550	4,009	140,560
Non-metal TRI Chemicals**	10,952,431	659,605	11,612,036
Other Off-site Transfers****	638	0	638
Transfers Off-site to Disposal *(not including metals to POTWs)*	35,986,543	6,698,133	42,684,676
Total Transfers Off-site for Further Waste Management/Disposal	**195,494,929**	**19,366,104**	**214,861,034**

* Transfers to POTWs of metals and metal 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

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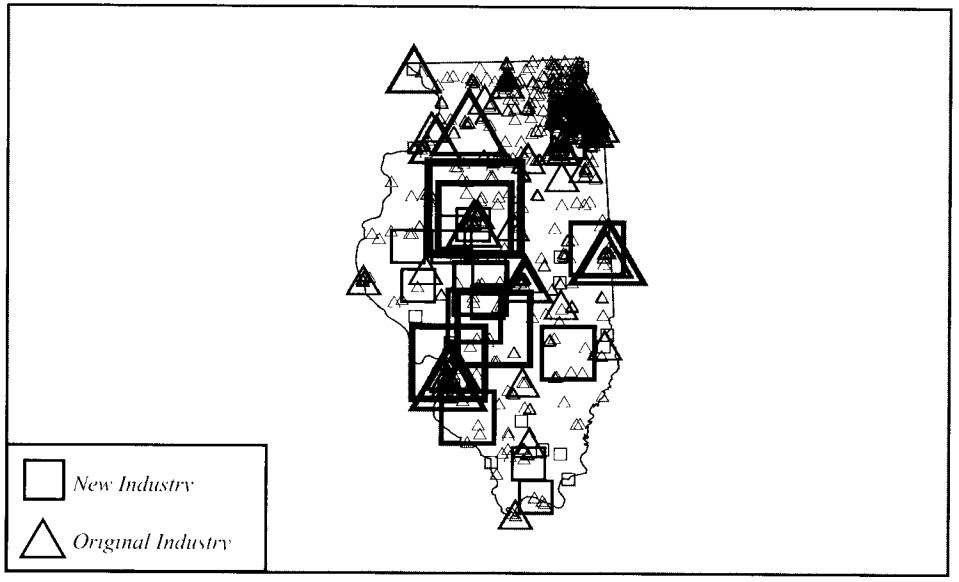

The largest marker in the state map represents the largest facility for on-site releases in the state of Illinois All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	12,435,970
Square Miles	55,593
Total Facilities	1,322
Total Forms	5,011
Form As	732

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	8	19	13
Pounds	94,014,634	56,326,276	150,340,910
National Rank for Total On-site Releases**			
Rank	9	21	16
Pounds	69,571,110	50,046,866	119,617,977
National Rank for Total Releases within State***			
Rank	6	19	9
Pounds	114,182,570	58,670,324	172,852,895
National Rank for Production-related Waste Managed			
Rank	4	14	4
Pounds	1,511,729,126	114,910,108	1,626,639,234

* 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

2000 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**	**682,283**	**17,755**	**500**	**25,338,581**	**12,625,158**	**38,664,277**	**14,711,785**	**15,377,571**	**3,566,618**
7647-01-0	Hydrochloric acid	18,508,148	0	0	13,099	13,099	18,534,346	1,200	13,099	0
—	**Manganese compounds**	**107,229**	**21,192**	**0**	**6,948,777**	**4,095,595**	**11,172,793**	**1,944,899**	**4,370,648**	**529,008**
110-54-3	n-Hexane	8,466,279	44	0	609	4,683	8,471,615	294	1,104	3,579
—	**Nitrate compounds**	**9,083**	**6,526,785**	**0**	**18,108**	**941,253**	**7,495,229**	**2,832**	**910,371**	**30,882**

* 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

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**	**26,043.49**	**79.20**	**0.00**	**627.80**	**54,584.00**	**81,334.49**	**919.49**	**54,159.94**	**424.06**
—	Mercury compounds	5,390.14	10.46	0.00	10,248.97	57,540.81	73,190.38	7,024.76	6,270.22	57,057.28
191-24-2	**Benzo(g,h,i)perylene**	**629.50**	**15.10**	**0.00**	**76.00**	**2,989.62**	**3,710.22**	**112.28**	**2,981.40**	**8.22**
7439-97-6	Mercury	616.98	7.87	0 00	223.00	162.68	1,010.53	559.00	154 97	7.71
79-94-7	**Tetrabromobisphenol A**	**285.00**	**0.00**	**0.00**	**0.00**	**0.00**	**285.00**	**0.00**	**0.00**	**0.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	276.00	0 00	0.00	0.00	0.00	276.00	412.00	0.00	0.00
76-44-8	**Heptachlor**	**0.00**	**0.00**	**0.00**	**0.00**	**217.00**	**217.00**	**0.00**	**91.00**	**126.00**
40487-42-1	Pendimethalin	2.00	0.00	0.00	0.00	88.00	90.00	0.00	37 00	51 00
1582-09-8	**Trifluralin**	**1.00**	**0.00**	**0.00**	**0.00**	**33.00**	**34.00**	**90.00**	**14.00**	**19.00**
57-74-9	Chlordane	1.00	0.00	0.00	0.00	31.00	32.00	0.00	13.00	18.00
72-43-5	**Methoxychlor**	**1.00**	**0.00**	**0.00**	**0.00**	**28.00**	**29.00**	**0.00**	**12.00**	**16.00**
8001-35-2	Toxaphene	0.00	0 00	0.00	0.00	9.00	9.00	0.00	4.00	5.00
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.47**	**0.00**	**3.00**	**3.47**	**0.00**	**1.00**	**2.00**
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	0.00	2.00	2 00	0.00	1.00	1.00
309-00-2	**Aldrin**	**0.04**	**0.00**	**0.00**	**0.00**	**1.43**	**1.47**	**0.00**	**0.60**	**0.83**
—	Dioxin and dioxin-like compounds	0.11	0.00	0.00	0.00	0.08	0.19	0.00	0.00	0.08
—	***Dioxin and dioxin-like compounds (in grams)***	***50.001***	***0.030***	***0.000***	***0.000***	***36.836***	***86.867***	***0.018***	***0.005***	***36.830***
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.

2000 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	**529**	**0**	**0**	**0**	**18,673,520**	**0**	**18,674,049**	**4**	**0**
Northwestern Steel & Wire Co., Sterling, Whiteside	75,919	9,354	0	0	4,135,000	1,673,400	5,893,673	78,860	0
Granite City Steel, Granite City, Madison	**196,394**	**157,430**	**0**	**0**	**0**	**5,520,230**	**5,874,054**	**0**	**4**
Ameren Corp. Coffeen Power Station, Coffeen, Montgomery	4,806,829	1,317	0	0	0	2	4,808,147	574,799	0
Dynegy Wood River Power Station, Alton, Madison	**3,365,227**	**21,790**	**0**	**0**	**0**	**36,405**	**3,423,422**	**0**	**0**
AES Edwards c/o Cilco, Bartonville, Peoria	2,894,114	0	0	0	0	513,983	3,408,097	0	0
Devro-Teepak, Danville, Vermilion	**3,399,483**	**0**	**0**	**0**	**0**	**0**	**3,399,483**	**0**	**0**
IBP Inc., Joslin, Rock island	17,230	2,801,250	0	0	0	3,655	2,822,135	321,335	505
Ameren Corp. Newton Power Station, Newton, Jasper	**548,956**	**964**	**0**	**0**	**0**	**1,999,002**	**2,548,922**	**0**	**0**
Dynergy Midwest Generation Inc. Vermilion Power Station, Oakwood, Vermilion	2,405,587	5,510	0	0	0	114,031	2,525,128	0	0

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

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	**0.00**	**0.00**	**0.00**	**0.00**	**8,820.00**	**0.00**	**8,820.00**	**0.00**	**0.00**
Granite City Steel, Granite City, Madison	7,736.00	5.00	0.00	0.00	0.00	203.00	7,944.00	0.00	0.00
Horning Wire Corp., Lake Zurich, Lake	**6,349.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6,349.00**	**0.00**	**0.00**
Kraft Foods N.A. Inc., Champaign, Champaign	3,527.00	0.00	0.00	0.00	0.00	0.00	3,527.00	0.00	0.00
American Stone-Mix Inc., Franklin Park, Cook	**2,700.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,700.00**	**5.00**	**0.00**
Reilly Inds. Inc., Granite City, Madison	2,114.00	0.00	0.00	0.00	0.00	0.00	2,114.00	6,555.00	0.00
Bridgestone/Firestone Inc., Decatur, Macon	**1,771.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,771.00**	**166.00**	**0.00**
LTV Steel Co., Chicago, Cook	1,344.00	0.00	0.00	0.00	0.00	0.00	1,344.00	4.00	0.00
Midwest Generation Joliet Generating Station (#9 & #29), Joliet, Will	**481.16**	**5.00**	**0.00**	**0.00**	**0.00**	**588.00**	**1,074.16**	**128.00**	**0.00**
Big River Zinc Corp., Sauget, St Clair	624.00	0.00	0 00	0 00	0.00	241.00	865.00	252.00	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	18,673,520	18,673,520	0
Keystone Steel & Wire Co., Peoria, Peoria	0	400,000	0	0	0	0	7,818,099	8,218,099	84,660
Northwestern Steel & Wire Co., Sterling, Whiteside	0	0	0	100	130,000	0	5,935,379	6,065,479	0
Granite City Steel, Granite City, Madison	0	0	0	0	7,969,600	749	5,870,705	13,841,054	0
Ameren Corp. Coffeen Power Station, Coffeen, Montgomery	0	0	0	0	1,712,000	0	5,385,127	7,097,127	0
Acme Steel Co. Riverdale Plant, Riverdale, Cook	0	0	0	0	0	0	4,676,416	4,676,416	0
Dynegy Wood River Power Station, Alton, Madison	0	0	0	0	78,800	0	3,423,582	3,502,382	0
Birmingham Steel Corp. Kankakee Illinois Steel Div., Bourbonnais, Kankakee	450,533	1,550,594	0	0	0	0	3,414,993	5,416,120	0
AES Edwards c/o Cilco, Bartonville, Peoria	0	0	0	0	849,585	0	3,408,097	4,257,682	0
Devro-Teepak, Danville, Vermilion	0	0	0	0	0	48,202	3,399,483	3,447,685	0

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

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. Inc., Cicero, Cook	2,688	0	0	0	251	44	46,031	49,014	0
Clean Harbors Services Inc., Chicago, Cook	0	4,772	0	0	0	0	45,499	50,271	0
Onyx Environmental Services, Sauget, St Clair	0	0	0	0	56,830	0	16,657	73,487	0
Peoria Disposal Co. #1, Peoria, Peoria	0	0	0	0	0	0	8,820	8,820	0
Reilly Inds. Inc., Granite City, Madison	68	0	0	0	44	679	8,669	9,460	10
Granite City Steel, Granite City, Madison	0	0	0	0	0	158	7,945	8,103	0
Horning Wire Corp., Lake Zurich, Lake	0	0	0	0	0	0	6,349	6,349	0
Kraft Foods N.A. Inc., Champaign, Champaign	0	0	0	0	0	0	3,527	3,527	0
American Stone-Mix Inc., Franklin Park, Cook	0	0	0	0	0	0	2,705	2,705	0
Powerton Generating Station, Pekin, Tazewell	0	0	0	0	0	0	2,050	2,050	0

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

2000 Toxics Release Inventory

INDIANA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	79,389,044	61,989,097	141,378,141
Air Emissions	47,338,860	42,326,042	89,664,902
Surface Water Discharges	17,770,796	181,047	17,951,843
Underground Injection Class I Wells	1,026,106	0	1,026,106
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	1,883,432	0	1,883,432
Other On-site Land Releases	11,369,849	19,482,009	30,851,858
Off-site Releases (Transfers Off-site to Disposal)*	54,883,410	7,835,518	62,718,928
Total On- and Off-site Releases	**134,272,453**	**69,824,616**	**204,097,069**
Recycled On-site	200,447,854	7,553,949	208,001,803
Recycled Off-site	157,046,732	1,346,428	158,393,160
Energy Recovery On-site	175,984,255	0	175,984,255
Energy Recovery Off-site	11,638,811	2,231,828	13,870,639
Treated On-site	193,365,957	55,652,839	249,018,796
Treated Off-site**	14,770,743	72,742	14,843,486
Quantity Released On- and Off-site***	134,752,893	70,310,509	205,063,402
Total Production-related Waste Managed	**888,007,246**	**137,168,296**	**1,025,175,542**
Non-production-related Waste Managed	**365,005**	**38,649**	**403,654**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	148,548,934	1,355,472	149,904,406
Energy Recovery	12,315,821	2,226,421	14,542,242
Treatment	7,873,181	186,266	8,059,447
Publicly Owned Treatment Works (POTWs)	6,891,846	26,975	6,918,822
Metals and Metal Compounds*	107,333	3,500	110,833
Non-metal TRI Chemicals**	6,784,513	23,475	6,807,988
Other Off-site Transfers****	49,360	0	49,360
Transfers Off-site to Disposal *(not including metals to POTWs)*	58,897,711	8,790,396	67,688,108
Total Transfers Off-site for Further Waste Management/Disposal	**234,576,854**	**12,585,531**	**247,162,384**

* Transfers to POTWs of metals and metal 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 . . .

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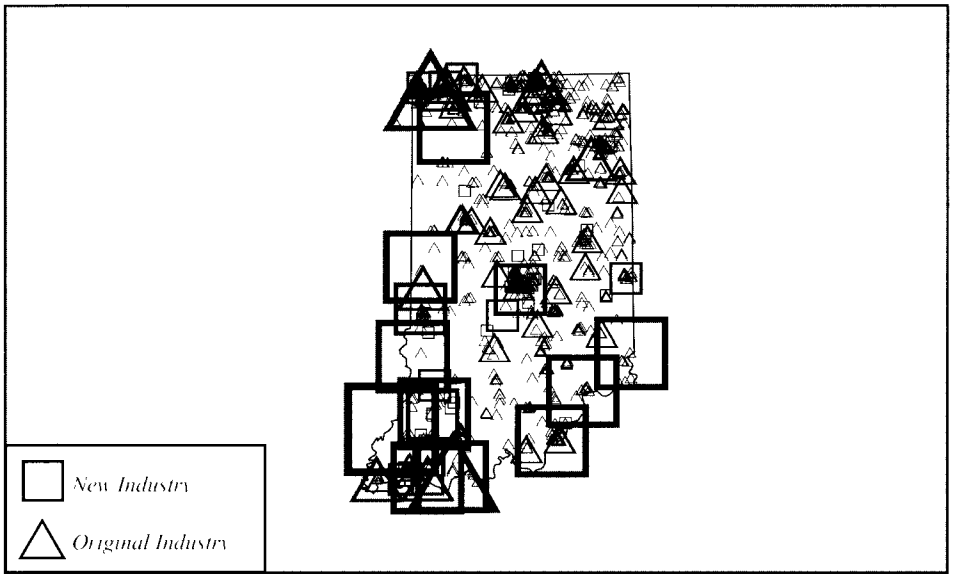

The largest marker in the state map represents the largest facility for on-site releases in the state of Indiana All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	6,089,950
Square Miles	35,870
Total Facilities	1,062
Total Forms	4,022
Form As	469

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	5	14	8
Pounds	134,272,453	69,824,616	204,097,069
National Rank for Total On-site Releases**			
Rank	7	16	11
Pounds	79,389,044	61,989,097	141,378,141
National Rank for Total Releases within State***			
Rank	5	15	8
Pounds	114,335,700	68,790,627	183,126,327
National Rank for Production-related Waste Managed			
Rank	6	10	9
Pounds	888,007,246	137,168,296	1,025,175,542

* 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

2000 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**	**498,338**	**49,748**	**0**	**8,997,284**	**35,668,211**	**45,213,581**	**691,652**	**17,947,506**	**17,720,736**
7647-01-0	Hydrochloric acid	27,588,464	5	0	5	41,333	27,629,807	0	0	41,333
—	**Nitrate compounds**	**1,576**	**17,157,817**	**0**	**74,043**	**35,429**	**17,268,865**	**30,858**	**33,227**	**2,452**
—	Manganese compounds	219,442	53,555	5,500	5,955,598	8,431,046	14,665,141	31,261	5,680,012	2,751,034
7664-93-9	**Sulfuric acid**	**12,436,568**	**5**	**0**	**5**	**3,900**	**12,440,478**	**0**	**0**	**3,900**

* 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

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**	**9,262.87**	**82.00**	**0.00**	**222.00**	**8,722.59**	**18,289.47**	**17.50**	**8,709.69**	**12.90**
1336-36-3	Polychlorinated biphenyls (PCBs)	11.70	0.00	0.00	17,707.00	134.40	17,853.10	0.00	0.00	134.40
—	**Mercury compounds**	**6,727.76**	**306.43**	**0.00**	**2,366.13**	**4,641.95**	**14,042.27**	**451.23**	**4,457.24**	**184.71**
7439-97-6	Mercury	692.50	1.28	0.00	1,257 40	1,112.87	3,064.05	1.33	12.87	1,100.00
79-94-7	**Tetrabromobisphenol A**	**6.00**	**10.00**	**0.00**	**0.00**	**1,200.00**	**1,216.00**	**0.00**	**1,200.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	660.86	0.00	0.00	0.00	108.42	769.28	0.90	108.42	0.00
118-74-1	**Hexachlorobenzene**	**244.10**	**0.00**	**0.00**	**0.00**	**0.00**	**244.10**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.42	0.00	0.00	0 04	0.54	1.00	0.09	0.37	0 17
—	***Dioxin and dioxin-like compounds (in grams)***	***190.739***	***0.026***	***0.000***	***19.600***	***245.021***	***455.387***	***41.952***	***168.883***	***76.138***
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

2000 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						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
USS Gary Works, Gary, Lake	879,527	3,274,926	0	0	0	10,076,174	14,230,627	185,434	463,746
AK Steel Corp., Rockport, Spencer	15,801	12,211,850	0	0	0	0	12,227,651	616,000	250
PSI Energy Gibson Generating Station, Princeton, Gibson	7,286,725	0	0	0	0	3,571,351	10,858,076	0	2
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	5,053,550	10,598	0	0	0	837,220	5,901,368	0	1,093
Clifty Creek Station, Madison, Jefferson	4,480,478	40,220	0	0	0	979,693	5,500,391	0	0
Alcoa Generating Corp Sigeco Warrick Power Plant, Newburgh, Warrick	3,762,913	5,234	0	0	0	1,091,629	4,859,776	192,331	0
PSI Cayuga Generating Station, Cayuga, Vermillion	3,310,457	1,480	0	0	0	1,473,490	4,785,427	0	0
American Electric Power Rockport Plant, Rockport, Spencer	2,491,645	15,767	0	0	0	1,725,365	4,232,777	8	4,278
R. M. Schahfer Generating Station, Wheatfield, Jasper	1,352,449	4,937	0	0	0	2,820,352	4,177,738	0	0
PSI Energy Gallagher Generating Station, New Albany, Floyd	3,214,330	2,269	0	0	0	310,978	3,527,577	0	0

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

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
Rexnord Corp. Link Belt Bearing Div., Indianapolis, Marion	0.00	0.00	0.00	0.00	0.00	17,707.00	17,707.00	0.00	0.00
Alcoa Inc. Warrick Ops., Newburgh, Warrick	5,837.01	0.00	0.00	0.00	0.00	213.00	6,050.01	0.00	0.00
BP Amoco Oil Co. Whiting Refy., Whiting, Lake	1,934.01	0.00	0.00	0.00	0.00	1.00	1,935.01	4,200.00	1.00
American Electric Power Rockport Plant, Rockport, Spencer	1,207.08	0.00	0.00	0 00	0.00	85.00	1,292.08	0.00	5.00
Beta Steel Corp., Portage, Porter	0.00	0.00	0.00	0.00	1,100.00	0.00	1,100.00	0.00	1,100.00
USS Gary Works, Gary, Lake	871.01	181.00	0.00	0.00	0.00	38.00	1,090.01	31.02	10.00
PSI Energy Gibson Generating Station, Princeton, Gibson	639.90	0.00	0.00	0.00	0.00	396.00	1,035.90	0.00	0.00
Indianapolis Power & Light Co. Petersburg Generating Station, Petersburg, Pike	606.12	0.60	0.00	0.00	0.00	182.90	789.62	24.20	0.00
Ispat Inland Inc., East Chicago, Lake	694.00	0.00	0.00	0.00	0.00	0.00	694.00	0.00	0.00
R. M. Schahfer Generating Station, Wheatfield, Jasper	465.00	7.00	0.00	0.00	0.00	208.00	680.00	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
Steel Dynamics Inc., Butler, De Kalb	0	0	0	0	0	0	20,324,893	20,324,893	0
Nucor Steel, Crawfordsville, Montgomery	0	111,974	0	0	2,929,284	0	17,919,234	20,960,492	0
USS Gary Works, Gary, Lake	34,248,986	2,863,291	53,670,000	0	8,349,700	2,700	15,229,686	114,364,363	0
AK Steel Corp., Rockport, Spencer	9,900,000	0	0	0	28,106,000	0	12,846,150	50,852,150	0
PSI Energy Gibson Generating Station, Princeton, Gibson	0	0	0	0	11,870,000	0	10,845,936	22,715,936	0
Heritage Environmental Services L L C , Indianapolis, Marion	0	0	0	0	1,547,000	0	6,026,881	7,573,881	0
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	0	16,156	0	0	2,136,000	0	5,898,702	8,050,858	0
Clifty Creek Station, Madison, Jefferson	0	0	0	0	1,500,000	0	5,497,483	6,997,483	0
Alcoa Generating Corp. Sigeco Warrick Power Plant, Newburgh, Warrick	0	0	0	0	0	0	5,037,403	5,037,403	0
PSI Cayuga Generating Station, Cayuga, Vermillion	0	0	0	0	1,032,200	0	4,778,434	5,810,634	0

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

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
Rexnord Corp. Link Belt Bearing Div., Indianapolis, Marion	0	0	0	0	0	17,707	17,707	35,414	17,707
Michelin N.A. Inc., Woodburn, Allen	110,000	12,000	0	0	23,000	0	8,200	153,200	0
BP Amoco Oil Co. Whiting Refy., Whiting, Lake	4	0	0	0	1,100	0	6,200	7,304	0
Alcoa Inc. Warrick Ops., Newburgh, Warrick	61,724	0	0	0	8,000	18	5,837	75,579	213
USS Gary Works, Gary, Lake	5,860	7	0	0	3,700	0	1,750	11,317	0
GE Plastics Mt. Vernon Inc., Mount Vernon, Posey	0	0	0	0	92	0	1,373	1,465	0
American Electric Power Rockport Plant, Rockport, Spencer	0	0	0	0	0	0	1,307	1,307	0
Beta Steel Corp., Portage, Porter	0	0	0	0	0	0	1,100	1,100	0
PSI Energy Gibson Generating Station, Princeton, Gibson	0	0	0	0	0	0	1,036	1,036	0
Indianapolis Power & Light Co. Petersburg Generating Station, Petersburg, Pike	0	0	0	0	0	0	814	814	0

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

2000 Toxics Release Inventory

IOWA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	26,543,509	9,245,348	35,788,857
Air Emissions	19,588,920	4,191,100	23,780,019
Surface Water Discharges	5,595,938	1,956	5,597,894
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	405,655	0	405,655
Other On-site Land Releases	952,996	5,052,292	6,005,288
Off-site Releases (Transfers Off-site to Disposal)*	7,041,291	595,390	7,636,681
Total On- and Off-site Releases	**33,584,800**	**9,840,738**	**43,425,537**
Recycled On-site	303,003,836	32,807	303,036,643
Recycled Off-site	35,866,545	274,101	36,140,646
Energy Recovery On-site	1,265,308	0	1,265,308
Energy Recovery Off-site	4,105,748	77,026	4,182,774
Treated On-site	42,301,545	248,180	42,549,725
Treated Off-site**	11,041,147	2,603	11,043,750
Quantity Released On- and Off-site***	39,852,593	9,644,720	49,497,313
Total Production-related Waste Managed	**437,436,722**	**10,279,437**	**447,716,159**
Non-production-related Waste Managed	**24,978**	**1,260**	**26,238**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	40,829,616	274,101	41,103,717
Energy Recovery	3,884,753	77,024	3,961,777
Treatment	3,059,331	2,603	3,061,934
Publicly Owned Treatment Works (POTWs)	8,028,669	0	8,028,669
Metals and Metal Compounds*	114,370	0	114,370
Non-metal TRI Chemicals**	7,914,299	0	7,914,299
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	14,170,976	595,402	14,766,378
Total Transfers Off-site for Further Waste Management/Disposal	**69,973,346**	**949,130**	**70,922,476**

* Transfers to POTWs of metals and metal 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

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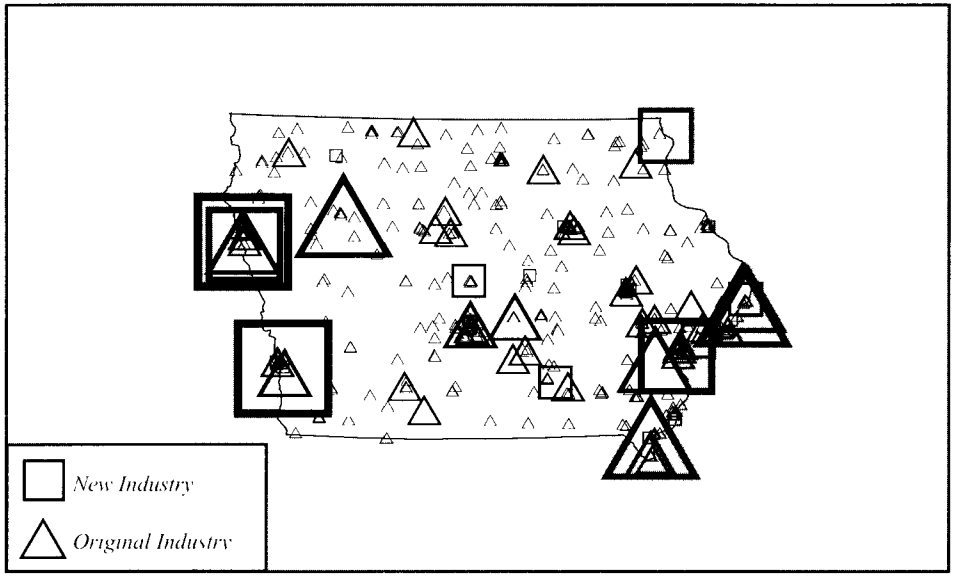

The largest marker in the state map represents the largest facility for on-site releases in the state of Iowa All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,927,509
Square Miles	55,875
Total Facilities	434
Total Forms	1,493
Form As	208

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	24	37	32
Pounds	33,584,800	9,840,738	43,425,537
National Rank for Total On-site Releases**			
Rank	24	35	31
Pounds	26,543,509	9,245,348	35,788,857
National Rank for Total Releases within State***			
Rank	27	37	33
Pounds	29,051,193	9,848,632	38,899,824
National Rank for Production-related Waste Managed			
Rank	16	42	23
Pounds	437,436,722	10,279,437	447,716,159

* 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

2000 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**	**72,788**	**4,683**	**0**	**174,813**	**7,846,274**	**8,098,558**	**54,882**	**192,199**	**7,654,087**
—	Nitrate compounds	16,280	5,171,791	0	27,000	239,926	5,454,997	2,456	234,584	5,342
—	**Barium compounds**	**116,772**	**228**	**0**	**3,617,025**	**1,471,128**	**5,205,153**	**1,238**	**862,914**	**608,214**
7664-41-7	Ammonia	4,200,340	132,120	0	1,500	155,001	4,488,961	9,664	154,995	6
7647-01-0	**Hydrochloric acid**	**3,421,055**	**0**	**0**	**0**	**0**	**3,421,055**	**0**	**0**	**0**

* 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

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**	**34,449.11**	**0.00**	**0.00**	**0.00**	**5,598.89**	**40,048.01**	**97.16**	**5,598.89**	**0.00**
—	Mercury compounds	2,218.87	1.00	0.00	129.90	658.42	3,008.19	3.20	283.47	375.35
1582-09-8	**Trifluralin**	**1,092.80**	**0.00**	**0.00**	**0.00**	**260.00**	**1,352.80**	**0.00**	**0.00**	**260.00**
191-24-2	Benzo(g,h,i)perylene	824.91	0.00	0.00	0.00	44.00	868.91	4.86	44.00	0 00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**0.00**	**0.00**	**0.00**	**682.00**	**682.00**	**0.00**	**0.00**	**682.00**
40487-42-1	Pendimethalin	667.00	0.00	0.00	0 00	0.00	667.00	0.00	0.00	0.00
7439-97-6	**Mercury**	**529.65**	**0.00**	**0.00**	**16.28**	**10.57**	**556.50**	**0.00**	**6.57**	**4.00**
118-74-1	Hexachlorobenzene	60.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.11**	**0.00**	**0.00**	**0.00**	**0.00**	**0.11**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*50 963*	*0 000*	*0 000*	*0 040*	*0 010*	*51 013*	*0 000*	*0 010*	*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

2000 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
IBP Inc. Wastewater Treatment Plant, Storm Lake, Buena Vista	5	2,600,250	0	0	0	0	2,600,255	2,500	250
Climax Molybdenum Co., Fort Madison, Lee	2,415,000	4,250	0	0	0	750	2,420,000	0	0
Midamerican Energy Co. Council Bluffs Energy Center, Council Bluffs, Pottawattamie	550,889	865	0	0	0	1,652,206	2,203,960	0	0
Equistar Chemicals L.P. Clinton Plant, Clinton, Clinton	2,032,205	0	0	0	0	0	2,032,205	83	36,000
Midamerican Energy Co. George Neal North, Sergeant Bluff, Woodbury	565,842	788	0	0	0	1,429,831	1,996,461	0	197
Midamerican Energy Co. - Louisa Generating Station, Muscatine, Louisa	441,411	289	0	0	0	1,023,987	1,465,687	0	0
IBP Inc., Columbus Junction, Louisa	16,425	1,410,500	0	0	0	250	1,427,175	0	250
Midamerican Energy Co. George Neal South, Salix, Woodbury	428,432	0	0	0	0	893,087	1,321,518	0	0
ADM Corn Processing, Clinton, Clinton	918,681	223,591	0	0	0	0	1,142,272	199,454	0
Terra Nitrogen, Sergeant Bluff, Woodbury	966,270	107,955	0	0	0	250	1,074,475	0	0

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

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
AG Processing Inc., Mason City, Cerro Gordo	14,150.00	0.00	0.00	0.00	0.00	0.00	14,150.00	0.00	0.00
AG Processing Inc. A Cooperative, Manning, Carroll	13,140.00	0.00	0.00	0 00	0.00	0.00	13,140.00	0.00	0.00
AG Processing Inc., Sheldon, Obrien	4,852.00	0.00	0.00	0.00	0.00	0.00	4,852.00	0.00	0.00
3M, Knoxville, Marion	1,800.00	0.00	0.00	0.00	0.00	0.00	1,800.00	0.00	0.00
Helena Chemical Co., Des Moines, Polk	967.00	0.00	0.00	0.00	0.00	0.00	967.00	0.00	0.00
Maytag Newton Laundry Prods. Pl2, Newton, Jasper	790.00	0.00	0.00	0.00	0.00	0.00	790 00	0.00	0.00
Van Diest Supply Co., Webster City, Hamilton	782.00	0.00	0.00	0.00	0.00	0.00	782.00	0.00	0.00
Midamerican Energy Co. Council Bluffs Energy Center, Council Bluffs, Pottawattamie	331.90	0.00	0.00	0.00	0 00	32.20	364.10	0.00	0.00
Midamerican Energy Co. George Neal North, Sergeant Bluff, Woodbury	331.00	0.00	0.00	0.00	0.00	28.00	359.00	0.00	0.00
Elkem Carbon Keokuk, Keokuk, Lee	330.00	0.00	0.00	0.00	0.00	0.00	330.00	5,000.00	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
Ipsco Steel Inc., Muscatine, Muscatine	0	0	0	0	0	0	6,804,355	6,804,355	0
IBP Inc Wastewater Treatment Plant, Storm Lake, Buena Vista	0	0	0	0	767,000	0	2,604,530	3,371,530	0
Climax Molybdenum Co., Fort Madison, Lee	0	0	0	0	100,000	0	2,440,000	2,540,000	0
Midamerican Energy Co Council Bluffs Energy Center, Council Bluffs, Pottawattamie	0	0	0	0	0	0	2,203,962	2,203,962	0
Equistar Chemicals L.P. Clinton Plant, Clinton, Clinton	0	0	0	989,987	7,853,147	46,183	1,999,714	10,889,031	0
Midamerican Energy Co. George Neal North, Sergeant Bluff, Woodbury	0	0	0	0	0	0	1,996,658	1,996,658	0
North Star Recycling, Wiltonjunction, Muscatine	0	0	0	0	0	0	1,687,637	1,687,637	0
Nulex Inc., Sergeant Bluff, Woodbury	2,939,000	0	0	0	6,808,000	0	1,471,920	11,218,920	0
Midamerican Energy Co. - Louisa Generating Station, Muscatine, Louisa	0	0	0	0	0	0	1,465,691	1,465,691	0
IBP Inc., Columbus Junction, Louisa	0	1,720	0	0	108,000	0	1,417,200	1,526,920	280

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

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
AG Processing Inc., Mason City, Cerro Gordo	0	0	0	0	0	0	14,150	14,150	0
AG Processing Inc. A Cooperative, Manning, Carroll	0	0	0	0	0	0	13,140	13,140	0
AG Processing Inc., Sheldon, Obrien	0	0	0	0	0	0	4,852	4,852	0
3M, Knoxville, Marion	0	0	0	0	0	0	1,800	1,800	0
Helena Chemical Co., Des Moines, Polk	0	0	0	0	0	30,821	967	31,788	0
Maytag Newton Laundry Prods. PI2, Newton, Jasper	0	0	0	0	0	0	800	800	0
Van Diest Supply Co., Webster City, Hamilton	0	0	0	0	0	5,966	782	6,748	0
North Star Recycling, Wiltonjunction, Muscatine	0	0	0	0	0	0	570	570	0
Firestone Agricultural Tire Co., Des Moines, Polk	28	764	0	373	0	0	550	1,715	0
Midamerican Energy Co. Council Bluffs Energy Center, Council Bluffs, Pottawattamie	0	0	0	0	0	0	364	364	0

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

2000 Toxics Release Inventory

KANSAS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	18,105,330	9,226,667	27,331,997
Air Emissions	14,714,597	2,276,940	16,991,536
Surface Water Discharges	1,246,046	2,450	1,248,496
Underground Injection Class I Wells	487,659	0	487,659
Underground Injection Class II-V Wells	250	0	250
On-site Land Releases to RCRA Subtitle C Landfills	25,165	0	25,165
Other On-site Land Releases	1,631,613	6,947,278	8,578,891
Off-site Releases (Transfers Off-site to Disposal)*	10,592,653	422,733	11,015,386
Total On- and Off-site Releases	**28,697,983**	**9,649,399**	**38,347,383**
Recycled On-site	89,415,156	274,604	89,689,760
Recycled Off-site	54,412,415	1,417,171	55,829,587
Energy Recovery On-site	75,720,353	0	75,720,353
Energy Recovery Off-site	3,115,942	112,041	3,227,983
Treated On-site	26,324,094	2,529,385	28,853,479
Treated Off-site**	2,630,151	75,903	2,706,054
Quantity Released On- and Off-site***	30,924,270	9,309,401	40,233,671
Total Production-related Waste Managed	**282,542,381**	**13,718,505**	**296,260,886**
Non-production-related Waste Managed	**241,650**	**7,800**	**249,450**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	41,322,796	1,417,353	42,740,150
Energy Recovery	3,127,809	120,951	3,248,760
Treatment	230,682	57,501	288,183
Publicly Owned Treatment Works (POTWs)	2,539,577	459	2,540,036
Metals and Metal Compounds*	55,918	0	55,918
Non-metal TRI Chemicals**	2,483,659	459	2,484,118
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	12,793,137	431,643	13,224,780
Total Transfers Off-site for Further Waste Management/Disposal	**60,014,001**	**2,027,908**	**62,041,909**

* Transfers to POTWs of metals and metal 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

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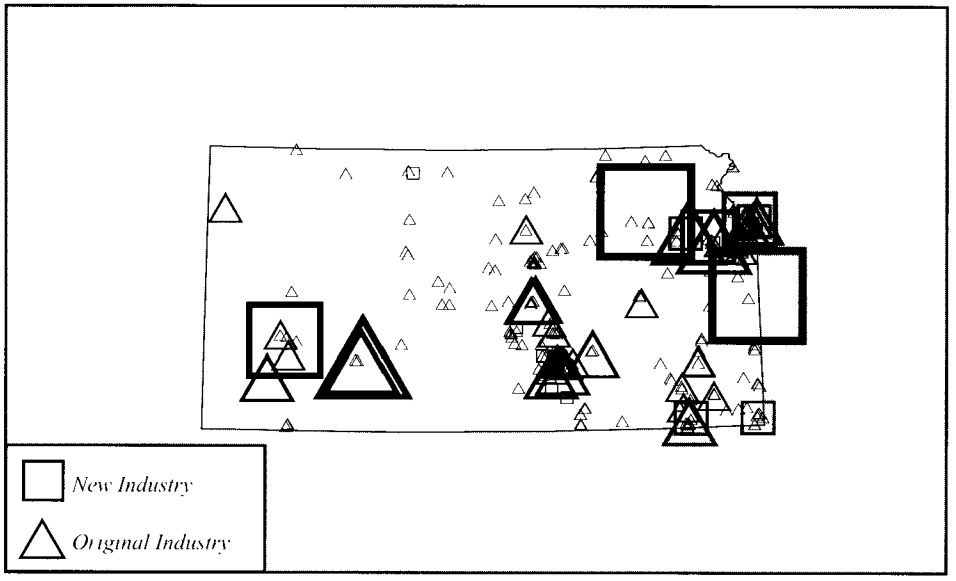

The largest marker in the state map represents the largest facility for on-site releases in the state of Kansas All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,691,750
Square Miles	81,823
Total Facilities	292
Total Forms	1,128
Form As	140

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	26	38	33
Pounds	28,697,983	9,649,399	38,347,383
National Rank for Total On-site Releases**			
Rank	30	36	34
Pounds	18,105,330	9,226,667	27,331,997
National Rank for Total Releases within State***			
Rank	30	38	37
Pounds	19,445,083	9,298,721	28,743,805
National Rank for Production-related Waste Managed			
Rank	25	40	30
Pounds	282,542,381	13,718,505	296,260,886

* 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

2000 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
—	**Nitrate compounds**	**755**	**1,130,262**	**3,629**	**570,942**	**4,669,543**	**6,375,131**	**1**	**12,521**	**4,657,022**
7697-37-2	Nitric acid	4,163	5	0	1,085	5,818,514	5,823,767	0	25	5,818,489
—	**Barium compounds**	**82,695**	**1,177**	**0**	**5,469,591**	**280**	**5,553,743**	**829**	**15**	**265**
7664-41-7	Ammonia	3,817,605	84,763	15,800	239,737	909,499	5,067,404	375	77,990	831,759
75-15-0	**Carbon disulfide**	**1,443,145**	**0**	**0**	**0**	**0**	**1,443,145**	**0**	**0**	**0**

* 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

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
1582-09-8	**Trifluralin**	**1,660.00**	**0.00**	**0.00**	**7,800.00**	**0.00**	**9,460.00**	**1.40**	**0.00**	**0.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	96.37	0.52	0.00	0.00	8,987.90	9,084.79	0.00	0.00	8,987.90
—	**Mercury compounds**	**2,506.10**	**0.50**	**0.00**	**584.00**	**8.09**	**3,098.69**	**42.30**	**7.30**	**0.79**
—	Polycyclic aromatic compounds	703 31	13.10	0.00	120.10	34.51	871.02	264.80	34.51	0.00
7439-97-6	**Mercury**	**190.83**	**0.00**	**0.00**	**92.00**	**155.70**	**438.53**	**33.20**	**1.00**	**154.70**
191-24-2	Benzo(g,h,i)perylene	13 77	6.80	0.00	235.80	15.17	271.54	579.00	15.17	0.00
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**8.00**	**0.00**	**0.00**	**8.00**	**0.00**	**0.00**	**0.00**
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	1.60	1 60	0.00	0.00	1.60
—	**Dioxin and dioxin-like compounds**	**0.10**	**0.00**	**0.63**	**0.06**	**0.00**	**0.79**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*46 053*	*0.732*	*283 787*	*26.500*	*1 850*	*358 922*	*0 000*	*0 000*	*1.850*
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**0.00**	**0.04**	**0.04**	**0.00**	**0.00**	**0.04**
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
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

2000 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							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
La Cygne, La Cygne, Linn	312,005	10	0	0	0	2,701,150	3,013,165	10	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	248,798	750	0	0	0	2,170,136	2,419,685	0	0
Farmland Inds. Inc. Dodge City Nitrogen Plant, Dodge City, Ford	2,079,990	0	2,250	0	0	3,110	2,085,350	0	0
Excel Corp., Dodge City, Ford	14,327	788,918	0	0	0	513,775	1,317,020	7,398	2,470
UCB Films Inc., Tecumseh, Shawnee	1,283,023	8,600	0	0	0	500	1,292,123	0	0
Holcomb Unit 1, Holcomb, Finney	338,532	0	0	0	0	913,774	1,252,306	0	0
Farmland Inds. Inc. Lawrence Nitrogen Plant, Lawrence, Douglas	692,722	264,095	0	0	0	1,085	957,902	0	0
GMC Mlcg Fairfax Assembly, Kansas City, Wyandotte	760,475	0	0	0	0	0	760,475	380	12,500
Lawrence Energy Center, Lawrence, Douglas	45,788	632	0	0	0	677,078	723,497	0	0
Nearman Creek Power Station, Kansas City, Wyandotte	492,734	0	0	0	0	185,461	678,195	0	82,974

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

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
IBP Inc. Wastewater Treatment, Holcomb, Finney	1,660.00	0.00	0.00	0.00	0.00	7,800.00	9,460.00	0.00	0.00
Jeffrey Energy Center, Saint Marys, Pottawatomie	733.41	0.00	0.00	0.00	0.00	236.30	969.71	0.00	0.00
PQ Corp., Kansas City, Wyandotte	819.00	0.00	0.00	0.00	0.00	0.00	819.00	0.00	0.00
La Cygne, La Cygne, Linn	400.00	0.00	0.00	0.00	0.00	150.00	550.00	0.00	0.00
Apac-Kansas Inc. Shears Asphalt Plant 416, Wichita, Sedgwick	331.27	0.00	0.00	0.00	0.00	0.00	331.27	0.00	0.00
Ash Grove Cement Co., Chanute, Neosho	188.10	0.00	0.00	0.00	0.00	101.06	289 16	3.00	0.57
Holcomb Unit 1, Holcomb, Finney	136.00	0.00	0.00	0.00	0.00	87.00	223.00	0.00	0.00
Tamko Roofing Prods. Inc., Phillipsburg, Phillips	20.00	0.00	0.00	0.00	0.00	201.00	221.00	0.00	0.00
Lafarge Midwest Inc.Systech Environmental, Fredonia, Wilson	194.00	0.00	0.00	0.00	0.00	21.00	215.01	0.00	0.22
Portable Asphalt Apac-Kansas Inc. Shears Plant No. 422, Clayton, Norton	184.16	0.00	0.00	0 00	0.00	0.00	184.16	0.00	0.00

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

2000 Toxics Release Inventory

KANSAS

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	10,013	32,792	0	915,097	7,127,398	0	11,690,330	19,775,630	0
La Cygne, La Cygne, Linn	0	0	0	0	1,132,000	207	3,056,550	4,188,757	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	0	0	0	0	1,000,000	0	2,461,039	3,461,039	0
Farmland Inds. Inc Dodge City Nitrogen Plant, Dodge City, Ford	0	110,000	15,000	0	10,100	0	2,085,210	2,220,310	17,000
Excel Corp., Dodge City, Ford	0	0	0	0	9,060,984	9,870	1,317,020	10,387,874	0
UCB Films Inc., Tecumseh, Shawnee	10,115,000	0	0	15,000	263,500	0	1,279,300	11,672,800	0
Holcomb Unit 1, Holcomb, Finney	0	0	0	0	0	0	1,252,207	1,252,207	0
Farmland Inds. Inc. Lawrence Nitrogen Plant, Lawrence, Douglas	46,368,000	119,584	1,987,813	0	2,591,692	0	936,412	52,003,501	21,290
GMC Mlcg Fairfax Assembly, Kansas City, Wyandotte	0	0	0	322,370	114,500	106,300	770,405	1,313,575	0
Boeing Co. Wichita Div., Wichita, Sedgwick	0	6,336,000	0	423,190	247,919	44,550	768,590	7,820,249	0

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

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
IBP Inc. Wastewater Treatment, Holcomb, Finney	0	0	0	0	0	0	9,500	9,500	0
Jeffrey Energy Center, Saint Marys, Pottawatomie	0	0	0	0	0	0	1,039	1,039	0
La Cygne, La Cygne, Linn	0	0	0	0	0	0	550	550	0
Apac-Kansas Inc. Shears Asphalt Plant 416, Wichita, Sedgwick	278	0	0	0	0	0	331	609	0
Ash Grove Cement Co., Chanute, Neosho	0	0	0	0	0	0	293	293	0
Holcomb Unit 1, Holcomb, Finney	0	0	0	0	0	0	224	224	0
Tamko Roofing Prods. Inc., Phillipsburg, Phillips	0	0	0	0	0	0	221	221	0
Lafarge Midwest Inc.Systech Environmental, Fredonia, Wilson	0	0	0	0	0	0	214	214	0
Portable Asphalt Apac-Kansas Inc. Shears Plant No. 422, Clayton, Norton	0	0	0	0	0	0	184	184	0
Lawrence Energy Center, Lawrence, Douglas	0	480	0	0	0	0	177	657	0

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

2000 Toxics Release Inventory

KENTUCKY

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	33,406,880	59,907,658	93,314,537
Air Emissions	27,255,371	41,292,110	68,547,481
Surface Water Discharges	2,474,726	993,125	3,467,850
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	3,092	0	3,092
On-site Land Releases to RCRA Subtitle C Landfills	121,943	0	121,943
Other On-site Land Releases	3,551,747	17,622,423	21,174,171
Off-site Releases (Transfers Off-site to Disposal)*	7,295,992	820,404	8,116,395
Total On- and Off-site Releases	**40,702,871**	**60,728,061**	**101,430,933**
Recycled On-site	247,379,688	2,379,375	249,759,063
Recycled Off-site	59,437,083	434,700	59,871,783
Energy Recovery On-site	63,397,688	0	63,397,688
Energy Recovery Off-site	6,715,221	25,797,758	32,512,979
Treated On-site	179,986,739	60,932,045	240,918,783
Treated Off-site**	15,197,831	2,010,178	17,208,010
Quantity Released On- and Off-site***	40,373,827	60,515,770	100,889,597
Total Production-related Waste Managed	**612,488,077**	**152,069,826**	**764,557,903**
Non-production-related Waste Managed	**219,235**	**9,669**	**228,904**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	50,124,590	416,142	50,540,732
Energy Recovery	7,151,759	24,685,714	31,837,473
Treatment	6,733,222	2,010,114	8,743,336
Publicly Owned Treatment Works (POTWs)	7,664,142	73	7,664,215
Metals and Metal Compounds*	80,797	0	80,797
Non-metal TRI Chemicals**	7,583,345	73	7,583,418
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,672,561	869,722	8,542,283
Total Transfers Off-site for Further Waste Management/Disposal	**79,346,275**	**27,981,765**	**107,328,039**

* Transfers to POTWs of metals and metal 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 . . .

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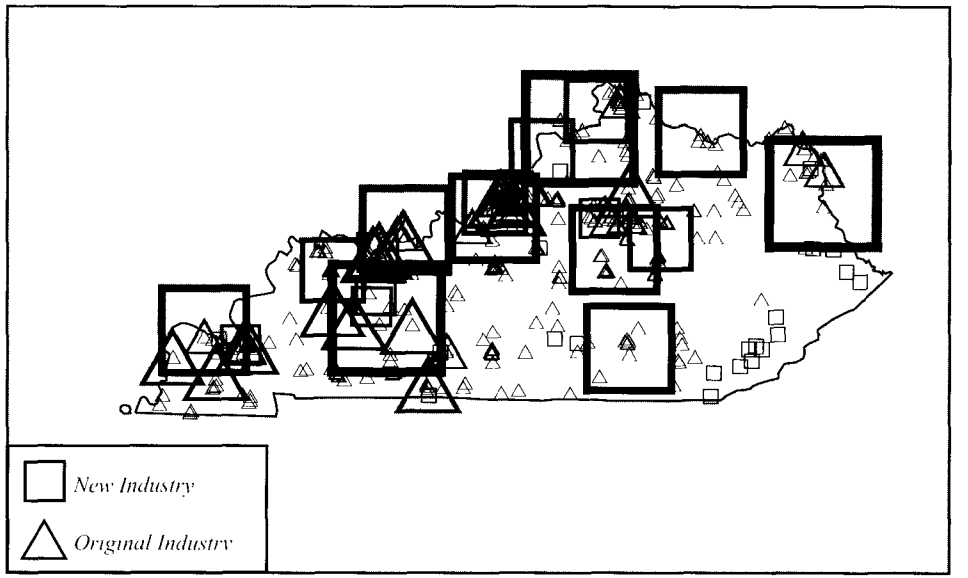
To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



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

State/TRI Data	
Population	4,047,424
Square Miles	39,732
Total Facilities	493
Total Forms	2,214
Form As	264

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	20	17	20
Pounds	40,702,871	60,728,061	101,430,933
National Rank for Total On-site Releases**			
Rank	21	18	20
Pounds	33,406,880	59,907,658	93,314,537
National Rank for Total Releases within State***			
Rank	20	17	21
Pounds	41,030,270	61,104,872	102,135,142
National Rank for Production-related Waste Managed			
Rank	10	7	13
Pounds	612,488,077	152,069,826	764,557,903

* 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

2000 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**	**28,334,462**	**0**	**0**	**0**	**194,484**	**28,528,946**	**0**	**187,456**	**7,028**
7664-93-9	Sulfuric acid	12,128,902	0	0	0	7,844	12,136,746	0	0	7,844
—	**Barium compounds**	**37,430**	**163,708**	**0**	**5,838,912**	**1,046,737**	**7,086,787**	**212,959**	**910,372**	**136,365**
67-56-1	Methanol	4,476,009	14,957	0	1,924	251	4,493,141	6,658	251	0
—	**Zinc compounds**	**114,575**	**45,423**	**0**	**2,764,195**	**1,484,157**	**4,408,350**	**123,262**	**685,895**	**798,426**

* 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

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**	**56,133.48**	**31.80**	**0.00**	**106.10**	**3,682.61**	**59,953.99**	**4,731.40**	**3,680.79**	**2.00**
7439-97-6	Mercury	1,648.53	10 76	254.70	346 13	9,860.70	12,120 82	11.57	9,242 70	618.00
—	**Mercury compounds**	**3,648.10**	**555.52**	**0.00**	**2,335.40**	**504.60**	**7,043.62**	**145.96**	**46.50**	**458.10**
191-24-2	Benzo(g,h,i)perylene	170.91	3 40	0.00	5.60	2.99	182.90	342.50	1.00	2.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**18.37**	**0.00**	**0.00**	**0.00**	**0.36**	**18.73**	**130.00**	**0.36**	**0.00**
57-74-9	Chlordane	0.74	0.00	0 00	0.00	8 92	9.66	0.00	8.92	0.00
1582-09-8	**Trifluralin**	**0.22**	**0.00**	**0.00**	**0.00**	**9.42**	**9.64**	**0.00**	**9.42**	**0.00**
8001-35-2	Toxaphene	0.62	0.00	0 00	0.00	8.88	9.50	0.00	8.88	0.00
76-44-8	**Heptachlor**	**0.48**	**0.00**	**0.00**	**0.00**	**0.70**	**1.18**	**0.00**	**0.70**	**0.00**
—	Dioxin and dioxin-like compounds	0.08	0.01	0.00	0.55	0.00	0.64	0.28	0.00	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*35.198*	*5.094*	*0.480*	*250.719*	*0.013*	*291.504*	*129.138*	*0.014*	*0.000*
309-00-2	Aldrin	0.57	0.00	0 00	0.00	0 00	0.57	0.00	0.00	0 00
118-74-1	**Hexachlorobenzene**	**0.11**	**0.00**	**0.00**	**0.00**	**0.18**	**0.29**	**0.00**	**0.18**	**0.00**
72-43-5	Methoxychlor	0.22	0.00	0.00	0.00	0.00	0.22	1.60	0.00	0.00
465-73-6	**Isodrin**	**0.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.05**	**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

2000 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							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. TVA Paradise Fossil Plant, Drakesboro, Muhlenberg	8,060,265	554,369	0	0	0	1,777,191	10,391,825	250	5
Kentucky Utilities Co. Ghent Station, Ghent, Carroll	6,786,451	146,321	0	0	0	3,031,069	9,963,841	0	0
Big Sandy Power Plant, Louisa, Lawrence	6,002,604	9,248	0	0	0	1,154,074	7,165,926	1,797	1,930
Spurlock Power Station, Maysville, Mason	4,925,569	2,214	0	0	0	827,073	5,754,856	0	0
Kentucky Utilities Co. E. W. Brown Station, Burgin, Mercer	3,037,846	45,075	0	0	0	1,032,084	4,115,005	0	0
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	1,486,512	104,671	0	0	0	2,315,765	3,906,948	0	0
LGE Energy- Coleman, Hawesville, Hancock	2,680,367	2,075	0	0	0	352,921	3,035,363	0	0
U.S. TVA Shawnee Fossil Plant, West Paducah, Mc Cracken	743,967	8,015	0	0	0	2,262,517	3,014,499	0	0
Cooper Power Station, Burnside, Pulaski	2,362,570	752	0	0	0	281,340	2,644,662	0	0
Imco Recycling Inc , Morgantown, Butler	11,345	0	0	0	0	2,402,001	2,413,346	0	0

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

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
Carbide Graphite Group, Calvert City, Marshall	29,233.00	0.00	0.00	0.00	0.00	0.00	29,233.00	0.00	0.00
Alcan Ingot Sebree Aluminum Plant, Henderson, Henderson	16,300 00	0.00	0.00	0.00	0.00	0.00	16,300.00	0.00	0 00
Southwire Co. Kentucky Div., Hawesville, Hancock	5,300.00	0.00	0.00	0.00	0.00	0.00	5,300.00	3,500.00	0.00
Lebanon Asphalt Plant, Lebanon, Marion	1,692.00	0.00	0.00	0.00	0.00	0.00	1,692.00	0.00	0.00
CC Metals & Alloys Inc., Calvert City, Marshall	1,670.21	0.00	0.00	0.00	0.00	0.00	1,670.21	0.00	0.00
U S TVA Paradise Fossil Plant, Drakesboro, Muhlenberg	710.31	219 00	0.00	0 00	0.00	240.90	1,170.21	0.00	0.10
Westlake CA&O Corp., Calvert City, Marshall	1,101.00	10.00	0.00	0.00	0.00	0.00	1,111.00	9,221.00	370.00
Greensburg Asphalt Plant, Greensburg, Green	1,048 00	0 00	0.00	0.00	0.00	0.00	1,048 00	0.00	0.00
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	453.60	1.00	0.00	0.00	0.00	235.00	689.60	0.00	0.00
Big Sandy Power Plant, Louisa, Lawrence	352.60	2.10	0.00	0.00	0.00	244.00	598.70	3 10	0.00

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

2000 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	8,700	0	0	13,248,700	0	10,393,880	23,651,280	0
Kentucky Utilities Co. Ghent Station, Ghent, Carroll	0	0	0	0	4,381,500	0	9,967,460	14,348,960	0
Big Sandy Power Plant, Louisa, Lawrence	0	39,500	0	0	1,643,000	0	7,173,193	8,855,693	0
Spurlock Power Station, Maysville, Mason	0	0	0	0	0	0	5,753,050	5,753,050	0
Kentucky Utilities Co. E. W. Brown Station, Burgin, Mercer	0	0	0	0	747,700	0	4,115,108	4,862,808	0
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	0	0	0	0	9,387,000	0	3,916,794	13,303,794	0
U.S. TVA Shawnee Fossil Plant, West Paducah, Mc Cracken	0	0	0	0	1,686,000	0	3,075,539	4,761,539	0
LGE Energy- Coleman, Hawesville, Hancock	0	0	0	0	0	0	3,034,909	3,034,909	0
Cooper Power Station, Burnside, Pulaski	0	0	0	0	0	0	2,640,160	2,640,160	0
Imco Recycling Inc., Morgantown, Butler	135,400	0	0	0	0	0	2,402,201	2,537,601	0

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

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
Carbide Graphite Group, Calvert City, Marshall	0	0	0	0	0	0	29,233	29,233	0
Alcan Ingot Sebree Aluminum Plant, Henderson, Henderson	0	0	0	0	0	0	16,300	16,300	0
Westlake CA&O Corp., Calvert City, Marshall	15,000	4,500	0	0	0	0	11,001	30,501	0
Southwire Co. Kentucky Div., Hawesville, Hancock	0	0	0	0	520,000	0	8,800	528,800	0
Lebanon Asphalt Plant, Lebanon, Marion	0	0	0	0	0	0	1,692	1,692	0
CC Metals & Alloys Inc., Calvert City, Marshall	0	0	0	0	0	0	1,670	1,670	0
U.S. TVA Paradise Fossil Plant, Drakesboro, Muhlenberg	0	0	0	0	0	0	1,160	1,160	0
Greensburg Asphalt Plant, Greensburg, Green	0	0	0	0	0	0	1,048	1,048	0
Louisville Gas & Electric Co. Mill Creek Station, Louisville, Jefferson	0	0	0	0	0	0	694	694	0
Big Sandy Power Plant, Louisa, Lawrence	0	0	0	0	0	0	603	603	0

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

2000 Toxics Release Inventory

LOUISIANA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	130,338,368	19,133,833	149,472,201
Air Emissions	68,897,981	1,459,982	70,357,963
Surface Water Discharges	12,785,742	82,493	12,868,235
Underground Injection Class I Wells	42,556,468	9,147,515	51,703,983
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	352,692	3,986,588	4,339,280
Other On-site Land Releases	5,745,484	4,457,255	10,202,739
Off-site Releases (Transfers Off-site to Disposal)*	4,877,302	173,132	5,050,434
Total On- and Off-site Releases	**135,215,670**	**19,306,965**	**154,522,635**
Recycled On-site	790,320,585	177,753	790,498,338
Recycled Off-site	42,239,031	468,561	42,707,592
Energy Recovery On-site	382,588,374	0	382,588,374
Energy Recovery Off-site	18,463,478	147,259	18,610,737
Treated On-site	8,009,727,277	2,530,731	8,012,258,008
Treated Off-site**	14,137,404	1,632,632	15,770,036
Quantity Released On- and Off-site***	134,512,163	19,652,807	154,164,970
Total Production-related Waste Managed	**9,391,988,312**	**24,609,743**	**9,416,598,055**
Non-production-related Waste Managed	**359,935**	**1,247**	**361,182**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	31,550,564	1,340,699	32,891,263
Energy Recovery	18,679,582	165,273	18,844,855
Treatment	13,323,420	1,483,306	14,806,726
Publicly Owned Treatment Works (POTWs)	562,993	162	563,155
Metals and Metal Compounds*	9,633	0	9,633
Non-metal TRI Chemicals**	553,360	162	553,522
Other Off-site Transfers****	58,212	0	58,212
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,036,233	234,842	5,271,075
Total Transfers Off-site for Further Waste Management/Disposal	**69,211,004**	**3,224,282**	**72,435,286**

* Transfers to POTWs of metals and metal 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 . . .

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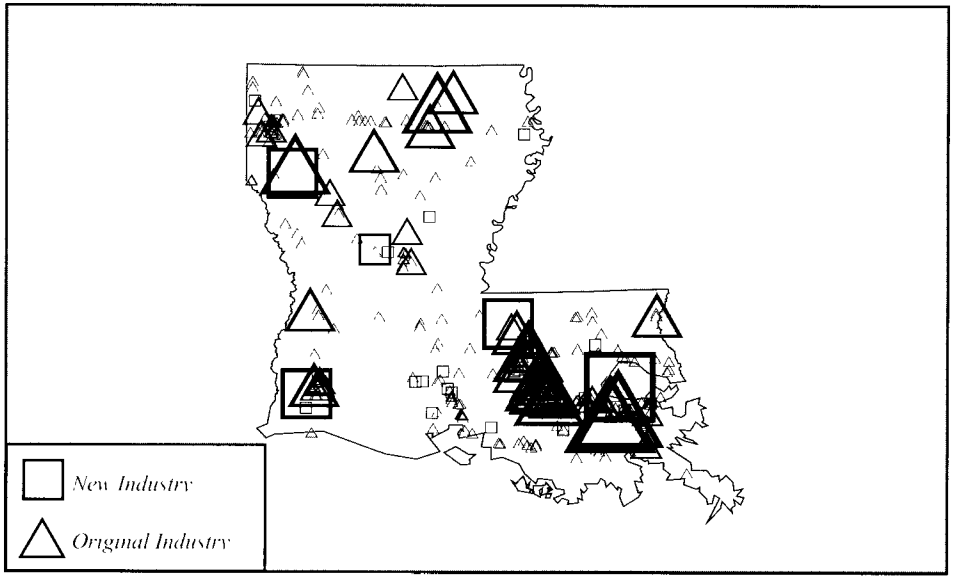

The largest marker in the state map represents the largest facility for on-site releases in the state of Louisiana All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	4,469,970
Square Miles	43,566
Total Facilities	369
Total Forms	2,706
Form As	282

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	4	30	11
Pounds	135,215,670	19,306,965	154,522,635
National Rank for Total On-site Releases**			
Rank	2	28	9
Pounds	130,338,368	19,133,833	149,472,201
National Rank for Total Releases within State***			
Rank	3	25	10
Pounds	144,041,835	26,653,835	170,695,670
National Rank for Production-related Waste Managed			
Rank	1	34	1
Pounds	9,391,988,312	24,609,743	9,416,598,055

* 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

2000 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**	**18,947,599**	**765,921**	**4,522,739**	**5,111**	**40,600**	**24,281,970**	**214,929**	**42,630**	**250**
67-56-1	Methanol	16,727,099	183,204	3,439,486	309,980	11,603	20,671,372	54,991	8,988	2,615
—	**Nitrate compounds**	**0**	**11,001,475**	**9,098,607**	**62,880**	**26,610**	**20,189,572**	**6,890,000**	**26,610**	**0**
50-00-0	Formaldehyde	460,164	23,466	10,519,748	3,853	11,539	11,018,770	15,268	10,428	1,111
75-05-8	**Acetonitrile**	**45,392**	**595**	**7,900,000**	**0**	**9**	**7,945,996**	**482**	**9**	**0**

* 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

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**	**97,518.71**	**1,928.79**	**0.00**	**904.50**	**67,148.71**	**167,500.72**	**20.00**	**67,444.36**	**258.48**
—	Mercury compounds	2,152.89	56.00	10.32	1,489.55	8,270.63	11,979.39	577,175.11	8.98	8,261.65
118-74-1	**Hexachlorobenzene**	**347.61**	**17.50**	**0.00**	**11,041.00**	**0.50**	**11,406.61**	**10,836.00**	**7.50**	**0.00**
191-24-2	Benzo(g,h,i)perylene	1,391.31	5.80	0 00	82 70	1,527.27	3,007 08	6.00	1,526.47	0.80
7439-97-6	**Mercury**	**1,418.47**	**21.60**	**435.00**	**65.88**	**663.96**	**2,604.91**	**0.30**	**509.00**	**157.30**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	8 00	820.00	828.00	1.00	820.00	0 00
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**0.00**	**510.00**	**510.00**	**90,102.00**	**510.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.23	2.06	0.00	2.92	1.71	6.92	0.04	1.73	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***103.501***	***934.682***	***0.225***	***1,323.051***	***784.182***	***3,145.640***	***17.184***	***784.149***	***0.032***
608-93-5	Pentachlorobenzene	2 84	0.71	0.00	1.90	0.00	5.45	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**
72-43-5	Methoxychlor	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**
309-00-2	Aldrin	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**
8001-35-2	Toxaphene	0.00	0.00	0.00	0.00	0 00	0.00	0.60	0.00	0.00
29082-74-4	**Octachlorostyrene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
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

2000 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	435,554	27,694	16,429,470	0	0	0	16,892,718	25,623	83
Monsanto Luling, Luling, St Charles	135,445	215,710	10,577,300	0	0	336	10,928,791	17,502	0
Safety-Kleen (Plaquemine) Inc., Plaquemine, Iberville	156	0	9,147,515	0	0	0	9,147,671	0	1,392
Angus Chemical Co., Sterlington, Ouachita	141,298	512,712	6,170,671	0	0	360	6,825,041	0	0
CF Inds. Inc., Donaldsonville, Ascension	5,358,690	612,600	0	0	0	0	5,971,290	9,560	0
Rubicon Inc , Geismar, Ascension	495,941	148	5,350,210	0	0	0	5,846,299	4,566	20
ExxonMobil Refining & Supply Baton Rouge Refy., Baton Rouge, East Baton Rouge	1,483,527	3,555,911	0	0	0	290	5,039,728	25,056	105,061
PCS Nitrogen Fertilizer L.P., Geismar, Ascension	4,046,833	749,964	0	0	0	7,905	4,804,702	14,219	0
International Paper, Mansfield, De Soto	3,925,362	48,012	0	0	0	499,176	4,472,550	0	0
Chemical Waste Management Lake Charles Facility, Sulphur, Calcasieu	1,009	0	0	0	3,986,588	0	3,987,597	0	67,590

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

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
Calumet Lubricants Co. L.P., Princeton, Bossier	65,610.00	0.00	0.00	0.00	0.00	0.00	65,610.00	0.00	0.00
Chemical Waste Management Lake Charles Facility, Sulphur, Calcasieu	0.00	0.00	0.00	0.00	12,288.02	0.00	12,288.02	0.00	734.00
Lake Charles Carbon Co., Lake Charles, Calcasieu	11,458.50	0.00	0.00	0.00	0.00	0.00	11,458.50	61,376.40	0.00
ExxonMobil Refining & Supply Baton Rouge Refy., Baton Rouge, East Baton Rouge	7,150.19	4.00	0.00	0.00	0.00	0.00	7,154.19	0.26	0.00
Motiva Norco, Norco, St Charles	3,702.32	0.00	0.00	0.00	0.00	75.00	3,777.32	2.00	2.03
International Paper Co. Louisiana Mill, Bastrop, Morehouse	2,298.41	14.16	0.00	0.00	0.00	82.56	2,395.13	0.00	0.00
Calcasieu Refining Co., Lake Charles, Calcasieu	2,280.00	1.10	0.00	0.00	0.00	1.10	2,282.20	0.00	0.00
Exxon Chemical Baton Rouge Chemical Plant, Baton Rouge, East Baton Rouge	53.10	1,801 00	0.00	0.00	0.00	0.00	1,854.10	789.00	0.00
Valero Refining Co. Louisiana, Krotz Springs, St Landry	1,501.00	0.00	0.00	0.00	0.00	0.00	1,501.00	101.00	0.00
Shell Norco Chemical Plant East Site, Norco, St Charles	1,305.00	0.00	0.00	0.00	0.00	0 00	1,305.00	1.26	0.00

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

2000 Toxics Release Inventory

LOUISIANA

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	8,187,200	128,800	22,683,540	160	22,452,302	5,989	17,138,644	70,596,635	18,000
Monsanto Luling, Luling, St Charles	0	81,000	0	0	35,150,900	71,200	10,946,593	46,249,693	0
Safety-Kleen (Plaquemine) Inc., Plaquemine, Iberville	0	0	0	0	1,399	0	9,147,670	9,149,069	0
Angus Chemical Co , Sterlington, Ouachita	4,553,385	57,775	2,073,962	0	81,240	129,489	6,829,693	13,725,544	0
CF Inds. Inc., Donaldsonville, Ascension	0	122,240	463,000	0	0	4,800	5,980,172	6,570,212	0
Rubicon Inc., Geismar, Ascension	0	6	11,821,000	268,150	825,000	162,693	5,838,447	18,915,296	0
ExxonMobil Refining & Supply Baton Rouge Refy., Baton Rouge, East Baton Rouge	0	9,521	0	4,251	4,069,604	8	5,169,844	9,253,228	0
PCS Nitrogen Fertilizer L.P., Geismar, Ascension	0	101,770	0	0	990,088	0	4,818,823	5,910,681	0
Chemical Waste Management Lake Charles Facility, Sulphur, Calcasieu	0	2,560	0	1,693	10,310	39,996	4,477,388	4,531,947	0
International Paper, Mansfield, De Soto	0	0	954,107	0	4,738,403	0	4,472,550	10,165,060	0

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

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
Lake Charles Carbon Co., Lake Charles, Calcasieu	0	147,187	0	0	0	0	72,835	220,022	0
Calumet Lubricants Co. L.P., Princeton, Bossier	0	0	0	0	0	0	65,610	65,610	0
Chemical Waste Management Lake Charles Facility, Sulphur, Calcasieu	0	2,200	0	3	210	148	13,088	15,649	0
Borden Chemicals & Plastics Operating L.P., Geismar, Ascension	0	1	0	0	5,213	4	7,246	12,464	0
ExxonMobil Refining & Supply Baton Rouge Refy., Baton Rouge, East Baton Rouge	0	0	0	0	4	0	7,154	7,158	0
Cabot Corp. Canal Plant, Franklin, St Mary	0	0	0	0	59	0	4,208	4,267	0
Motiva Norco, Norco, St Charles	0	0	0	0	0	0	3,804	3,804	1
Conoco Lake Charles Refy., Westlake, Calcasieu	0	0	0	0	2,073	0	2,903	4,976	0
Exxon Chemical Baton Rouge Chemical Plant, Baton Rouge, East Baton Rouge	0	11	0	0	73,744	1,051	2,643	77,449	0
International Paper Co. Louisiana Mill, Bastrop, Morehouse	0	0	0	0	0	0	2,395	2,395	0

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

2000 Toxics Release Inventory

MAINE

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	9,277,739	165,814	9,443,553
Air Emissions	6,229,255	165,562	6,394,817
Surface Water Discharges	2,149,184	252	2,149,436
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	899,300	0	899,300
Off-site Releases (Transfers Off-site to Disposal)*	1,093,858	59,992	1,153,850
Total On- and Off-site Releases	**10,371,598**	**225,806**	**10,597,403**
Recycled On-site	5,638,207	0	5,638,207
Recycled Off-site	3,585,301	468	3,585,769
Energy Recovery On-site	11,241,750	0	11,241,750
Energy Recovery Off-site	376,427	0	376,427
Treated On-site	53,989,348	27,621	54,016,969
Treated Off-site**	1,041,222	16,502	1,057,724
Quantity Released On- and Off-site***	12,708,297	219,864	12,928,162
Total Production-related Waste Managed	**88,580,552**	**264,456**	**88,845,008**
Non-production-related Waste Managed	**332**	**0**	**332**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	3,574,685	14,147	3,588,832
Energy Recovery	371,806	0	371,806
Treatment	49,399	26	49,425
Publicly Owned Treatment Works (POTWs)	731,220	0	731,220
Metals and Metal Compounds*	92,238	0	92,238
Non-metal TRI Chemicals**	638,982	0	638,982
Other Off-site Transfers****	12	0	12
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,003,660	59,992	1,063,652
Total Transfers Off-site for Further Waste Management/Disposal	**5,730,782**	**74,165**	**5,804,947**

* Transfers to POTWs of metals and metal 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 . . .

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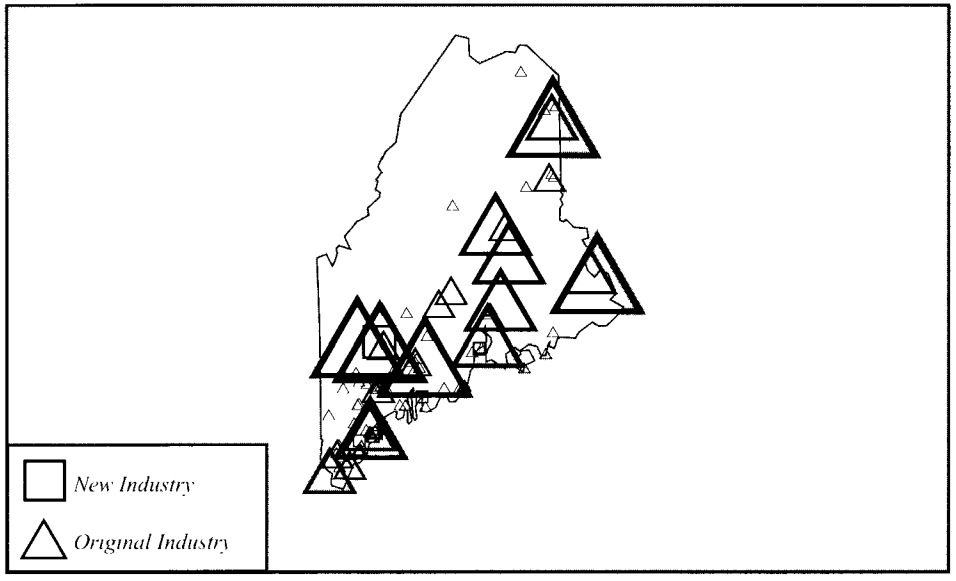

The largest marker in the state map represents the largest facility for on-site releases in the state of Maine All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,276,961
Square Miles	30,865
Total Facilities	106
Total Forms	430
Form As	18

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	37	49	45
Pounds	10,371,598	225,806	10,597,403
National Rank for Total On-site Releases**			
Rank	37	50	46
Pounds	9,277,739	165,814	9,443,553
National Rank for Total Releases within State***			
Rank	37	49	45
Pounds	10,273,973	423,772	10,697,745
National Rank for Production-related Waste Managed			
Rank	37	50	44
Pounds	88,580,552	264,456	88,845,008

* 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.

2000 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
67-56-1	Methanol	2,693,704	91,522	0	7,817	15,586	2,808,629	26,112	15,586	0
—	Nitrate compounds	500	1,691,176	0	32,732	0	1,724,408	25	0	0
—	Manganese compounds	6,601	251,591	0	511,281	342,214	1,111,687	260	315,514	26,700
7664-41-7	Ammonia	854,106	42,167	0	0	0	896,273	15	0	0
—	Zinc compounds	22,818	28,909	0	250,469	358,521	660,717	26,375	358,271	250

* 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

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	59,551.96	88.87	0.00	576.97	322.30	60,540.10	40,472.20	5.80	316.50
191-24-2	Benzo(g,h,i)perylene	611.52	8.30	0.00	13.03	0.00	632 85	49.00	0 00	0.00
—	Mercury compounds	27.60	1.27	0.00	1.80	36.50	67.17	16.00	27.80	8.70
1336-36-3	Polychlorinated biphenyls (PCBs)	31.30	0.00	0.00	0.00	0.00	31.30	0.00	0.00	0.00
7439-97-6	Mercury	23.00	0.44	0.00	0.00	3.60	27.04	0.03	3.60	0.00
—	Dioxin and dioxin-like compounds	0 02	0.01	0.00	0 01	0.01	0.05	0.00	0.01	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*8.646*	*6.219*	*0.000*	*5.581*	*3.440*	*23.886*	*0.000*	*2.560*	*0.880*
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

2000 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
S.D. Warren Co. Sappi Fine Paper N.A., Skowhegan, Somerset	779,303	128,461	0	0	0	412,124	1,319,888	0	0
Mead Publishing Paper Div., Rumford, Oxford	1,102,621	22,741	0	0	0	0	1,125,362	511,830	0
McCain Foods USA Inc., Easton, Aroostook	1,500	1,082,400	0	0	0	0	1,083,900	0	0
Georgia-Pacific Corp. Pulp & Bleached Board Div., Baileyville, Washington	591,556	256,110	0	0	0	58,374	906,040	0	0
International Paper, Jay, Franklin	496,165	195,946	0	0	0	151,460	843,571	0	0
Fort James Operating Co , Old Town, Penobscot	540,771	48,968	0	0	0	0	589,739	18,082	0
International Paper Co., Bucksport, Hancock	239,502	149,331	0	0	0	197,753	586,586	0	0
Great Northern Paper Inc., Millinocket, Penobscot	313,101	132,680	0	0	0	0	445,781	960	11,000
Spinnaker Coating, Westbrook, Cumberland	441,960	0	0	0	0	0	441,960	0	0
Lincoln Pulp & Paper Co. Inc., Lincoln, Penobscot	303,867	17,724	0	0	0	29,673	351,264	0	0

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

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
Wausau-Mosinee Paper Corp. Otis Mill, Jay, Franklin	34,600.00	0.00	0.00	0.00	0.00	0.00	34,600.00	0.00	0.00
Prime Tanning Co. Inc., Berwick, York	18,585.00	0.00	0.00	0.00	0.00	0.00	18,585.00	0.00	0.00
U.S. VA Togus VA Med/Regional Office Center, Togus, Kennebec	3,653.00	0.00	0.00	0.00	0.00	0.00	3,653.00	0.00	0.00
Lincoln Pulp & Paper Co. Inc., Lincoln, Penobscot	2,300.00	6.00	0.00	0.00	0 00	25 00	2,331.00	0.00	0.00
Fiber Materials Inc., Biddeford, York	75.00	0.00	0.00	0.00	0.00	306.00	381.00	0.00	306.00
Irving Tanning Co., Hartland, Somerset	380.00	0.00	0.00	0.00	0.00	0.00	380.00	0.00	0.00
International Paper, Jay, Franklin	194.70	0.40	0.00	0.00	0.00	124.10	319.20	0.00	0.00
Georgia-Pacific Corp. Pulp & Bleached Board Div., Baileyville, Washington	136.60	0.00	0.00	0.00	0.00	17.40	154.01	0.00	0.00
S.D. Warren Co. Sappi Fine Paper N.A., Skowhegan, Somerset	65.20	20.91	0.00	0.00	0.00	59.01	145.12	0.00	0.00
Mead Publishing Paper Div., Rumford, Oxford	119.50	24.17	0.00	0.00	0.00	0.00	143.68	16.60	0.00

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

2000 Toxics Release Inventory

MAINE

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
Lincoln Pulp & Paper Co. Inc., Lincoln, Penobscot	0	0	46,002	0	4,843,330	0	2,693,897	7,583,229	0
Mead Publishing Paper Div., Rumford, Oxford	0	18,300	4,678,000	0	9,447,000	0	1,637,465	15,780,765	0
S.D. Warren Co. Sappi Fine Paper N.A., Skowhegan, Somerset	0	0	0	0	12,504,300	0	1,319,893	13,824,193	0
McCain Foods USA Inc , Easton, Aroostook	37,335	0	0	0	37,020	0	1,083,900	1,158,255	0
Georgia-Pacific Corp. Pulp & Bleached Board Div., Baileyville, Washington	0	70,000	343,400	0	8,507,212	0	903,069	9,823,681	0
International Paper, Jay, Franklin	0	0	53,311	0	10,123,500	0	835,399	11,012,210	5
Fort James Operating Co., Old Town, Penobscot	0	0	24,000	0	3,660,860	0	607,146	4,292,006	0
International Paper Co., Bucksport, Hancock	0	78,854	0	0	25,700	0	586,258	690,811	0
Great Northern Paper Inc., Millinocket, Penobscot	0	11,000	0	0	2,463,000	0	452,801	2,926,801	0
Spinnaker Coating, Westbrook, Cumberland	4,729,069	0	0	7,652	0	0	441,960	5,178,681	0

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

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
Irving Tanning Co., Hartland, Somerset	0	0	0	0	0	0	35,580	35,580	0
Wausau-Mosinee Paper Corp. Otis Mill, Jay, Franklin	0	0	0	0	0	0	34,600	34,600	0
Prime Tanning Co. Inc., Berwick, York	0	0	0	0	0	0	18,585	18,585	0
U.S. VA Togus VA Med/Regional Office Center, Togus, Kennebec	0	0	0	0	0	0	3,653	3,653	0
Lincoln Pulp & Paper Co. Inc., Lincoln, Penobscot	0	0	0	0	0	0	2,300	2,300	0
Gardiner Paperboard Corp., Gardiner, Kennebec	0	0	0	0	0	0	1,820	1,820	0
Sprague Searsport ME, Searsport, Waldo	0	463	0	0	0	0	463	927	0
International Paper, Jay, Franklin	0	0	0	0	0	0	319	319	0
Mead Publishing Paper Div., Rumford, Oxford	0	0	0	0	0	0	162	162	0
Georgia-Pacific Corp. Pulp & Bleached Board Div., Baileyville, Washington	0	0	0	0	0	0	154	154	0

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

2000 Toxics Release Inventory

MARYLAND

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	14,866,118	28,740,192	43,606,310
Air Emissions	7,715,351	28,347,211	36,062,563
Surface Water Discharges	3,381,011	183,253	3,564,265
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	54,434	54,434
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	3,769,755	155,293	3,925,048
Off-site Releases (Transfers Off-site to Disposal)*	856,458	731,525	1,587,983
Total On- and Off-site Releases	**15,722,576**	**29,471,717**	**45,194,293**
Recycled On-site	7,953,172	291,050	8,244,222
Recycled Off-site	9,298,172	388,873	9,687,045
Energy Recovery On-site	7,793,977	0	7,793,977
Energy Recovery Off-site	1,071,974	39	1,072,013
Treated On-site	52,109,386	7,123,731	59,233,117
Treated Off-site**	10,251,856	619	10,252,475
Quantity Released On- and Off-site***	15,775,382	29,447,344	45,222,726
Total Production-related Waste Managed	**104,253,919**	**37,251,656**	**141,505,575**
Non-production-related Waste Managed	**774**	**26,500**	**27,274**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	4,963,385	388,874	5,352,259
Energy Recovery	987,250	35	987,285
Treatment	5,696,293	10	5,696,303
Publicly Owned Treatment Works (POTWs)	4,456,343	0	4,456,343
Metals and Metal Compounds*	70,308	0	70,308
Non-metal TRI Chemicals**	4,386,035	0	4,386,035
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	824,365	731,533	1,555,898
Total Transfers Off-site for Further Waste Management/Disposal	**16,927,636**	**1,120,452**	**18,048,088**

* Transfers to POTWs of metals and metal 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

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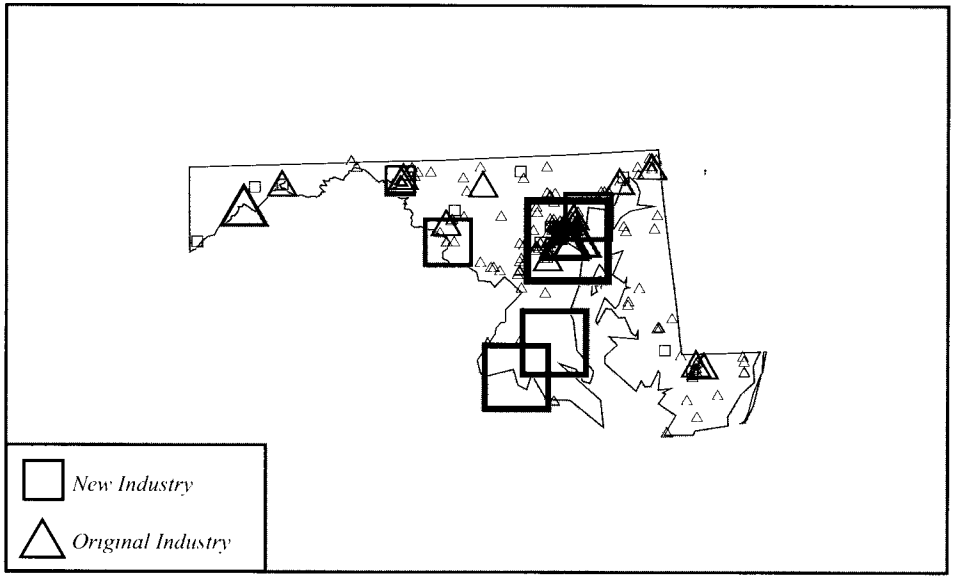

The largest marker in the state map represents the largest facility for on-site releases in the state of Maryland All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,310,908
Square Miles	9,775
Total Facilities	202
Total Forms	771
Form As	144

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	35	25	31
Pounds	15,722,576	29,471,717	45,194,293
National Rank for Total On-site Releases**			
Rank	33	24	29
Pounds	14,866,118	28,740,192	43,606,310
National Rank for Total Releases within State***			
Rank	35	24	30
Pounds	15,588,197	29,686,867	45,275,064
National Rank for Production-related Waste Managed			
Rank	35	31	38
Pounds	104,253,919	37,251,656	141,505,575

* 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.

2000 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	25,078,329	0	0	0	0	25,078,329	89	0	0
—	Manganese compounds	35,829	199,876	42,100	3,023,885	45,508	3,347,198	2,447	40,120	5,388
—	Nitrate compounds	10	3,027,529	0	89,813	15,610	3,132,962	0	15,608	2
7664-93-9	Sulfuric acid	2,835,617	0	0	0	0	2,835,617	0	0	0
463-58-1	Carbonyl sulfide	1,612,400	0	0	0	0	1,612,400	0	0	0

* 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

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	19,705.80	9,500.00	0.00	300.00	16,548.58	46,054.38	3,947.65	42.00	16,506.58
7439-97-6	Mercury	1,301.95	0.16	0.00	19 00	353.00	1,674.11	40.95	329.00	24.00
—	Mercury compounds	1,211.90	1.70	134.00	306.10	6.10	1,659.80	2,117.00	6.00	0.10
191-24-2	Benzo(g,h,i)perylene	225 62	5 00	0.00	0.00	201.80	432.42	19.10	193.00	8.80
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	275.00	275.00	0.00	275.00	0.00
118-74-1	Hexachlorobenzene	0.00	0 50	0.00	99.00	0.00	99.50	1.00	0.00	0.00
608-93-5	Pentachlorobenzene	0.00	0.20	0.00	40.30	0.00	40.50	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.08	0.04	0 00	6.00	0.00	6.11	0.00	0.00	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*34.157*	*16.260*	*0.000*	*2,720.980*	*0.286*	*2,771.683*	*0.000*	*0.286*	*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	—***	—	—	—	—	—	—	—	—
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

2000 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*	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
Brandon Shores & Wagner Complex, Baltimore, Anne Arundel	12,380,992	3,407	0	0	0	17,800	12,402,199	0	0
Morgantown Generating Station, Newburg, Charles	7,342,284	114,215	0	0	0	36,853	7,493,352	267,029	0
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	3,864,339	12,355	0	0	0	3,800	3,880,494	247,050	16,521
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	1,166,330	177,002	0	0	0	1,597,222	2,940,555	0	0
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	164,550	56,210	0	0	0	2,035,400	2,256,160	0	9,400
Dickerson Generating Station, Dickerson, Montgomery	2,003,220	49,750	0	0	0	4,954	2,057,925	199,250	12
C. P. Crane Generating Station, Baltimore, Baltimore	2,038,795	0	0	0	0	0	2,038,795	0	0
Erachem Comilog Inc. Baltimore Plant, Baltimore, Anne Arundel	26,554	1,804,995	0	0	0	25,043	1,856,592	58	0
Westvaco Corp. Fine Papers Div., Luke, Allegany	1,531,675	0	0	0	0	10,206	1,541,881	412,726	33
Grace Davison, Baltimore, Baltimore City	171,095	1,197,043	0	0	0	998	1,369,136	21,148	15,620

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

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
Eastalco Aluminum Co., Frederick, Frederick	18,278.00	0.00	0.00	0.00	0.00	0.00	18,278.00	0.00	0.00
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	373.50	9,505.06	0.00	0 00	0.00	0.00	9,878.56	50.00	16,520.80
American Stone-Mix Inc., White Marsh, Baltimore	1,320.00	0.00	0.00	0.00	0.00	300.00	1,620.00	0.00	0.00
Brandon Shores & Wagner Complex, Baltimore, Anne Arundel	607.45	0.00	0.00	0.00	0.00	40.00	647.45	0.00	0.00
Westvaco Corp. Fine Papers Div., Luke, Allegany	534.20	0.00	0.00	0.00	0.00	0.20	534.40	6.00	0.10
Morgantown Generating Station, Newburg, Charles	464.12	0.00	0.00	0.00	0.00	3.00	467.12	29.00	0.00
Mettiki Coal L.L.C., Oakland, Garrett	1.70	0.10	0.00	134.00	0.00	160.10	295.90	0.00	0.00
Dickerson Generating Station, Dickerson, Montgomery	260.40	0.10	0.00	0.00	0.00	4.00	264.50	250.00	12.00
Lehigh Portland Cement Co., Union Bridge, Carroll	255.00	0.00	0.00	0.00	0.00	0.00	255.00	0.00	0.00
Millennium Inorganic Chemicals Inc. Hawkins Point Plant, Baltimore, Baltimore City	0.40	2.34	0.00	0.00	0.00	221.94	224.67	0.00	0.00

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

2000 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, Anne Arundel	0	0	0	0	0	0	12,402,506	12,402,506	0
Morgantown Generating Station, Newburg, Charles	0	0	0	0	1,239,564	0	7,768,494	9,008,058	0
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	0	0	0	0	665,900	0	4,115,434	4,781,334	26,000
Millennium Inorganic Chemicals Inc Hawkins Point Plant, Baltimore, Baltimore City	0	100	0	0	14,504,256	0	2,940,109	17,444,465	0
Dickerson Generating Station, Dickerson, Montgomery	0	0	0	0	3,165,000	0	2,255,520	5,420,520	0
Bethlehem Steel Corp. Sparrows Point Div., Sparrows Point, Baltimore	0	0	0	0	0	0	2,222,000	2,222,000	0
C. P. Crane Generating Station, Baltimore, Baltimore	0	0	0	0	0	0	2,038,801	2,038,801	0
Westvaco Corp. Fine Papers Div., Luke, Allegany	0	1	4,973,100	0	2,533,000	3,553,055	1,954,641	13,013,797	0
Erachem Comilog Inc. Baltimore Plant, Baltimore, Anne Arundel	1,161,765	1,171,051	0	0	0	0	1,856,650	4,189,466	0
Grace Davison, Baltimore, Baltimore City	4,021,100	13,360	0	0	5,160,770	17,970	1,409,302	10,622,502	0

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

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
Eastalco Aluminum Co., Frederick, Frederick	0	0	0	0	2,000,000	16	18,278	2,018,294	0
American Stone-Mix Inc., White Marsh, Baltimore	0	0	0	0	0	0	1,620	1,620	0
Brandon Shores & Wagner Complex, Baltimore, Anne Arundel	0	0	0	0	0	0	646	646	0
Building Materials Mfg. Corp., Baltimore, Baltimore City	0	582	0	0	0	0	582	1,164	0
Westvaco Corp. Fine Papers Div., Luke, Allegany	0	1	0	0	0	1,204	541	1,746	0
Dickerson Generating Station, Dickerson, Montgomery	0	0	0	0	0	0	520	520	0
Morgantown Generating Station, Newburg, Charles	0	0	0	0	2,564	0	494	3,058	0
Pepco Chalk Point Generating Station, Aquasco, Prince Georges	0	0	0	0	8,900	0	434	9,334	26,000
Mettiki Coal L.L.C., Oakland, Garrett	0	0	0	0	0	0	295	295	0
Tamko Roofing Prods. Inc., Frederick, Frederick	0	0	0	0	0	0	258	258	0

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

2000 Toxics Release Inventory

MASSACHUSETTS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	3,743,240	6,113,300	9,856,540
Air Emissions	3,594,452	5,691,419	9,285,870
Surface Water Discharges	139,065	60,893	199,958
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	750	0	750
Other On-site Land Releases	8,973	360,988	369,962
Off-site Releases (Transfers Off-site to Disposal)*	1,927,358	1,212,730	3,140,087
Total On- and Off-site Releases	**5,670,598**	**7,326,029**	**12,996,627**
Recycled On-site	14,443,126	635,528	15,078,654
Recycled Off-site	25,110,106	223,703	25,333,809
Energy Recovery On-site	6,344,221	20,882	6,365,103
Energy Recovery Off-site	6,450,558	106,266	6,556,825
Treated On-site	18,764,311	815,282	19,579,594
Treated Off-site**	15,629,970	218,834	15,848,804
Quantity Released On- and Off-site***	6,561,832	8,029,339	14,591,172
Total Production-related Waste Managed	**93,304,125**	**10,049,835**	**103,353,960**
Non-production-related Waste Managed	**7,765**	**2,725**	**10,491**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	23,193,276	387,295	23,580,571
Energy Recovery	7,260,475	104,543	7,365,018
Treatment	4,697,549	192,103	4,889,652
Publicly Owned Treatment Works (POTWs)	10,504,186	30	10,504,216
Metals and Metal Compounds*	39,481	0	39,481
Non-metal TRI Chemicals**	10,464,705	30	10,464,735
Other Off-site Transfers****	0	4,705	4,705
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,898,621	1,220,992	3,119,613
Total Transfers Off-site for Further Waste Management/Disposal	**47,554,106**	**1,909,669**	**49,463,775**

* Transfers to POTWs of metals and metal 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 . . .

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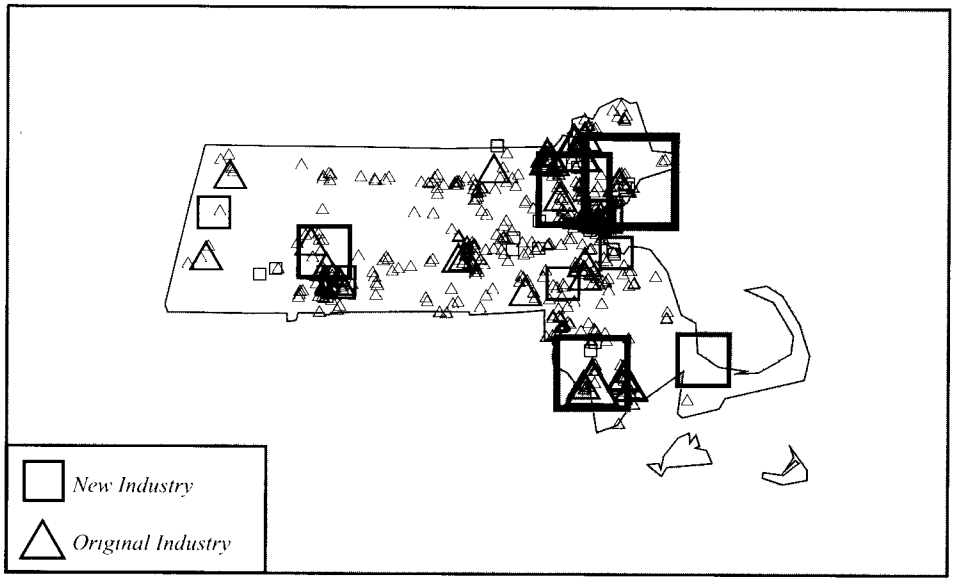

The largest marker in the map represents the largest facility for on-site releases in the Commonwealth of Massachusetts All markers are proportionally-sized to represent the on-site releases at each facility within this commonwealth

State/TRI Data	
Population	6,357,072
Square Miles	7,838
Total Facilities	556
Total Forms	1,739
Form As	179

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	42	41	44
Pounds	5,670,598	7,326,029	12,996,627
National Rank for Total On-site Releases**			
Rank	43	41	43
Pounds	3,743,240	6,113,300	9,856,540
National Rank for Total Releases within State***			
Rank	43	41	44
Pounds	5,457,076	6,926,450	12,383,526
National Rank for Production-related Waste Managed			
Rank	36	43	43
Pounds	93,304,125	10,049,835	103,353,960

* 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

2000 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	4,404,528	0	0	0	0	4,404,528	180,000	0	0
108-88-3	Toluene	1,080,423	373	0	6,056	24,472	1,111,324	5,268	21,227	3,245
7664-41-7	Ammonia	641,671	31	0	0	49,056	690,758	0	49,041	15
—	Vanadium compounds	17,415	52,603	0	155,900	349,340	575,258	11,144	247,536	101,804
—	Zinc compounds	12,289	1,233	0	51,654	465,860	531,036	6,055	222,775	243,085

* 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

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	99,031.82	678.99	0.00	0.37	40,812.08	140,523.26	653.62	577.53	40,234.55
—	Mercury compounds	290.92	0.10	0.00	3.30	58,608.12	58,902.44	238.10	104.87	58,503.25
1336-36-3	Polychlorinated biphenyls (PCBs)	3,903.00	0.00	0.00	0.00	0.00	3,903.00	26.13	0.00	0.00
7439-97-6	Mercury	51.03	0.00	0.00	0.10	2,276.87	2,328.00	5,119.64	340.87	1,936.00
191-24-2	Benzo(g,h,i)perylene	1,111.77	0.00	0.00	0.00	0.58	1,112.35	24.06	0.58	0.00
79-94-7	Tetrabromobisphenol A	0.00	0.00	0 00	315.00	315.00	630.00	0.00	0.00	315.00
—	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)*	*11.662*	*0.070*	*0 000*	*0.000*	*0 190*	*11.922*	*0 097*	*0 000*	*0.190*
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

2000 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							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
Salem Harbor Station, Salem, Essex	2,280,509	10,760	0	0	0	0	2,291,269	282,170	69,211
USGen New England Inc., Somerset, Bristol	1,202,693	5,162	0	0	0	258,250	1,466,105	344,391	16,660
Somerset Power L.L.C., Somerset, Bristol	907,186	42	0	0	0	0	907,228	0	0
Northeast Generation Services Mt. Tom Station, Holyoke, Hampden	532,140	0	0	0	0	4,301	536,441	105,586	0
Southern Energy Canal Station, Sandwich, Barnstable	373,331	38,527	0	0	0	57,019	468,877	0	0
Crown Cork & Seal Co. Inc., Lawrence, Essex	392,000	0	0	0	0	0	392,000	5	250
Globe Mfg. Corp., Fall River, Bristol	335,730	0	0	0	0	0	335,730	0	0
Duro, Fall River, Bristol	190,129	0	0	0	0	50	190,179	15,128	0
Ideal Tape Co., Lowell, Middlesex	179,944	0	0	0	0	0	179,944	0	0
Rexam Image Prods., South Hadley, Hampshire	116,975	0	0	0	0	0	116,975	0	1,000

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

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
Duro, Fall River, Bristol	65,016.00	0.00	0.00	0.00	0.00	0.00	65,016.00	0.00	0.00
Crocker Technical Papers Inc., Fitchburg, Worcester	8,392.70	0.00	0.00	0.00	0.00	0.00	8,392.70	0.00	0 00
Veryfine Prods. Inc., Littleton, Middlesex	6,286.00	0.00	0.00	0.00	0.00	0.00	6,286.00	0.00	0.00
Archer Rubber Co , Milford, Worcester	3,991.00	0.00	0.00	0.00	0.00	0.00	3,991.00	0.00	0.00
Vogue Wallcoverings, Fitchburg, Worcester	3,432.57	0.00	0.00	0.00	0.00	0.00	3,432.57	0.00	0.00
Bird Machine Co., South Walpole, Norfolk	3,416.10	0.00	0.00	0 00	0.00	0.00	3,416.10	0.00	0.00
Simonds Inds. Inc., Fitchburg, Worcester	2,935.00	0.00	0.00	0.00	0.00	0.00	2,935.00	0.00	0.00
Kraft Foods N.A. Inc., Woburn, Middlesex	2,622.00	0.00	0.00	0.00	0.00	0.00	2,622.00	0.00	0.00
Rodney Hunt Co., Orange, Franklin	1,973.04	0.00	0.00	0.00	0.00	0.00	1,973.04	0.00	0.00
Warren Pumps Inc., Warren, Worcester	1,855.30	0.00	0.00	0.00	0.00	0.00	1,855.30	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
Salem Harbor Station, Salem, Essex	0	170	0	0	0	0	2,642,626	2,642,796	0
USGen New England Inc., Somerset, Bristol	0	0	4	0	0	0	1,826,459	1,826,463	0
Somerset Power L.L.C., Somerset, Bristol	0	0	0	0	812,250	0	907,166	1,719,416	0
Clean Harbors of Braintree Inc., Braintree, Norfolk	362,797	165,985	20,858	33,108	0	184,745	724,289	1,491,782	0
Northeast Generation Services Mt. Tom Station, Holyoke, Hampden	0	0	0	0	0	0	641,068	641,068	0
Southern Energy Canal Station, Sandwich, Barnstable	0	0	0	0	0	0	623,855	623,855	0
Allegheny Rodney, New Bedford, Bristol	0	0	85,798	16,070	688,405	35,646	437,139	1,263,058	0
Avedis Zildjian Co., Norwell, Plymouth	1,058,084	393,642	0	0	0	0	409,894	1,861,620	0
Crown Cork & Seal Co. Inc., Lawrence, Essex	0	0	0	0	41,000	7	390,270	431,277	0
Globe Mfg. Corp., Fall River, Bristol	532,287	0	0	112,821	0	1	308,010	953,119	1,448

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

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	42,771	0	0	0	0	46,485	89,256	0
Coastal Oil Of New England, South Boston, Suffolk	0	0	0	0	0	0	40,734	40,734	0
Cascades Diamond, Thorndike, Hampden	0	0	0	0	0	0	9,171	9,171	0
Veryfine Prods. Inc., Littleton, Middlesex	0	0	0	0	0	0	6,886	6,886	0
Archer Rubber Co., Milford, Worcester	0	0	0	0	0	0	3,991	3,991	0
Vogue Wallcoverings, Fitchburg, Worcester	0	0	0	0	0	0	3,433	3,433	0
Bird Machine Co., South Walpole, Norfolk	0	0	0	0	0	0	3,416	3,416	0
Simonds Inds. Inc., Fitchburg, Worcester	0	0	0	0	0	0	2,935	2,935	0
Kraft Foods N.A. Inc., Woburn, Middlesex	0	0	0	2	0	0	2,622	2,624	0
Rodney Hunt Co., Orange, Franklin	0	0	0	0	0	0	1,952	1,952	0

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

2000 Toxics Release Inventory

MICHIGAN

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	38,781,556	68,646,869	107,428,425
Air Emissions	33,854,916	37,341,218	71,196,133
Surface Water Discharges	1,031,658	103,201	1,134,859
Underground Injection Class I Wells	2,057,816	0	2,057,816
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	50,021	22,340,965	22,390,986
Other On-site Land Releases	1,787,145	8,861,485	10,648,630
Off-site Releases (Transfers Off-site to Disposal)*	21,191,973	11,569,597	32,761,569
Total On- and Off-site Releases	**59,973,529**	**80,216,465**	**140,189,994**
Recycled On-site	101,204,399	15,654,763	116,859,162
Recycled Off-site	113,415,039	251,195	113,666,234
Energy Recovery On-site	30,819,653	1,192	30,820,845
Energy Recovery Off-site	84,944,887	33,373,768	118,318,655
Treated On-site	92,762,339	9,110,961	101,873,300
Treated Off-site**	35,792,930	4,151,794	39,944,724
Quantity Released On- and Off-site***	60,342,353	80,426,900	140,769,253
Total Production-related Waste Managed	**519,281,599**	**142,970,573**	**662,252,171**
Non-production-related Waste Managed	**21,597**	**461**	**22,058**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	112,544,722	481,405	113,026,127
Energy Recovery	85,169,559	32,946,144	118,115,703
Treatment	17,023,494	3,988,028	21,011,522
Publicly Owned Treatment Works (POTWs)	19,152,912	90,700	19,243,612
Metals and Metal Compounds*	191,621	19,894	211,516
Non-metal TRI Chemicals**	18,961,290	70,806	19,032,096
Other Off-site Transfers****	552	0	552
Transfers Off-site to Disposal *(not including metals to POTWs)*	21,566,236	11,573,116	33,139,353
Total Transfers Off-site for Further Waste Management/Disposal	**255,457,474**	**49,079,393**	**304,536,868**

* Transfers to POTWs of metals and metal 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

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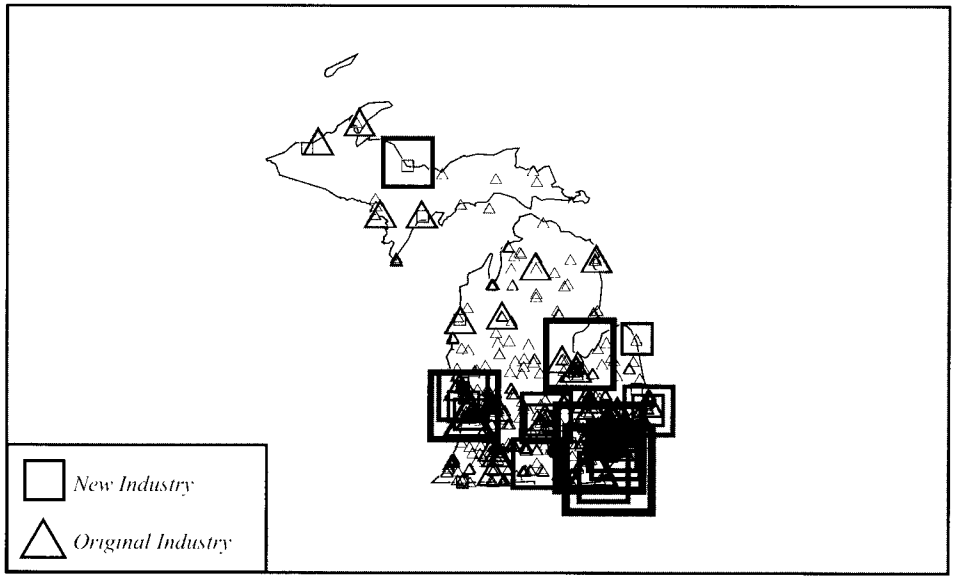

The largest marker in the state map represents the largest facility for on-site releases in the state of Michigan All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	9,952,006
Square Miles	56,809
Total Facilities	915
Total Forms	3,655
Form As	413

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	14	9	15
Pounds	59,973,529	80,216,465	140,189,994
National Rank for Total On-site Releases**			
Rank	18	13	19
Pounds	38,781,556	68,646,869	107,428,425
National Rank for Total Releases within State***			
Rank	9	9	12
Pounds	77,589,312	81,492,605	159,081,917
National Rank for Production-related Waste Managed			
Rank	14	8	15
Pounds	519,281,599	142,970,573	662,252,171

* 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

2000 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
7647-01-0	Hydrochloric acid	29,531,348	250	5	0	1,200	29,532,803	0	0	1,200
—	Barium compounds	293,386	35,048	0	16,197,154	6,867,407	23,392,995	742,162	6,987,444	908
—	Zinc compounds	425,469	18,433	7,300	1,332,942	13,136,041	14,920,185	9,283,357	12,777,489	382,697
1330-20-7	Xylene (mixed isomers)	6,532,805	39	300	40,052	32,634	6,605,830	15,578	14,473	19,548
67-56-1	Methanol	3,697,785	113,954	1,738,900	3,280	178,697	5,732,616	866	2,547	176,150

* 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

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
1336-36-3	Polychlorinated biphenyls (PCBs)	55.00	0.00	0.00	117,619.00	197.00	117,871.00	116.70	97.00	100.00
—	Polycyclic aromatic compounds	18,743.78	32.68	0.00	9,749.20	909.70	29,435.36	128,228.25	639 70	270.00
—	Mercury compounds	3,138.21	495.70	0.00	13,491.18	4,536.27	21,661.35	27,951.41	4,397.57	138.70
118-74-1	Hexachlorobenzene	76.20	0.00	0 00	2,029.00	116.00	2,221.20	0.00	30.00	86.00
191-24-2	Benzo(g,h,i)perylene	812.56	5.30	0.00	856.09	63.10	1,737.05	1,334.10	35.10	28.00
7439-97-6	Mercury	861.04	0.00	0.00	22.90	330.37	1,214.31	2,079.58	152.07	185.00
8001-35-2	Toxaphene	12.00	0.00	0.00	501.00	20.00	533.00	0.00	0.00	20.00
57-74-9	Chlordane	1.00	0.00	0.00	44.00	4.00	49.00	0.00	2.00	2.00
—	Dioxin and dioxin-like compounds	0.06	0.01	0.00	0.74	0.32	1.13	0.15	0.32	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*25 223*	*5.830*	*0.000*	*333.977*	*145.310*	*510.340*	*67.226*	*145.310*	*0.000*
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	—***	—	—	—	—	—	—	—	—
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.

2000 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							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
Wayne Disposal Inc., Belleville, Wayne	12,482	0	0	0	22,340,965	0	22,353,447	6,381,497	19,686
Detroit Edison Monroe Power Plant, Monroe, Monroe	10,810,676	14,866	0	0	0	4,268,916	15,094,458	0	0
J. H. Campbell Generating Plant, West Olive, Ottawa	5,700,057	2,738	0	0	0	1,160,302	6,863,097	0	0
D. E. Karn-J.C. Weadock Generating Plant, Essexville, Bay	4,153,101	6,121	0	0	0	1,148,449	5,307,671	0	0
Grand Haven Board of Light & Power, Grand Haven, Ottawa	2,646,795	36	0	0	0	0	2,646,831	8,996	0
Holnam Inc. Dundee Plant, Dundee, Monroe	2,362,094	1,508	0	0	0	159,551	2,523,153	0	0
Detroit Edison Trenton Channel Power Plant, Trenton, Wayne	2,393,231	3,633	0	0	0	43,332	2,440,196	659,075	0
GMC Truck Group Pontiac East Assembly, Pontiac, Oakland	2,199,227	0	0	0	0	0	2,199,227	1,774	9,130
Pfizer Inc. Parke-Davis Div., Holland, Ottawa	69,740	0	1,791,155	0	0	0	1,860,895	14,130	265
Lansing Board of Water & Light- Eckert, Lansing, Ingham	1,741,397	28,720	0	0	0	0	1,770,117	1,960,887	0

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

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
Wayne Disposal Inc., Belleville, Wayne	285.00	0.00	0.00	0.00	142,973.00	0.00	143,258.00	4,515.00	506.00
National Steel Corp. Greatlakes Ops., Ecorse, Wayne	11,821.70	0.00	0.00	0.00	0.00	0.00	11,821.70	43.50	185.00
Honeywell, Detroit, Wayne	6,860.00	0.00	0.00	0.00	0.00	0.00	6,860.00	0.00	0.00
Detroit Edison Monroe Power Plant, Monroe, Monroe	810.32	3.00	0.00	0.00	0.00	316.00	1,129.32	0.00	0.00
American Stone-Mix Inc., New Boston, Wayne	770.00	0.00	0.00	0.00	0.00	0.00	770.00	100.00	0.00
J. H. Campbell Generating Plant, West Olive, Ottawa	406.01	0.00	0.00	0.00	0.00	282.00	688.01	0.00	0.00
Lansing Board of Water & Light- Eckert, Lansing, Ingham	97.90	473.00	0.00	0.00	0.00	0.00	570.90	87.20	0.00
D. E. Karn-J.C. Weadock Generating Plant, Essexville, Bay	300.01	1.00	0.00	0.00	0.00	249.00	550.01	0.00	0.00
Detroit Edison-Belle River Power Plant, China Township, St Clair	343.74	8.00	0.00	0.00	0.00	99.19	450.93	0.00	0.00
Detroit Edison-St. Clair Power Plant, East China Township, St Clair	260.11	7.00	0.00	0.00	0.00	68.00	335.11	115.00	0.00

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

2000 Toxics Release Inventory

MICHIGAN

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	17,735	0	28,754,630	28,772,365	0
Detroit Edison Monroe Power Plant, Monroe, Monroe	0	0	0	0	2,322,500	2	15,577,627	17,900,128	0
National Steel Corp. Greatlakes Ops., Ecorse, Wayne	7,923,123	555	0	0	2,908,000	25,820	11,169,740	22,027,238	650
J. H. Campbell Generating Plant, West Olive, Ottawa	0	0	0	0	465,000	0	6,859,690	7,324,690	0
D. E. Karn-J.C. Weadock Generating Plant, Essexville, Bay	0	0	0	0	617,000	0	5,302,049	5,919,049	0
Lansing Board of Water & Light- Eckert, Lansing, Ingham	0	92,903	0	0	0	0	3,731,004	3,823,907	0
Detroit Edison Trenton Channel Power Plant, Trenton, Wayne	0	0	0	1	629,580	1	3,105,248	3,734,829	0
Grand Haven Board of Light & Power, Grand Haven, Ottawa	0	0	0	0	0	0	2,655,787	2,655,787	0
Holnam Inc. Dundee Plant, Dundee, Monroe	72,217	0	0	0	0	0	2,428,153	2,500,370	0
Detroit Edison River Rouge Power Plant, River Rouge, Wayne	0	0	0	1	509,360	1	2,319,135	2,828,498	0

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

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	0	0	0	515	0	148,279	148,794	0
National Steel Corp. Greatlakes Ops., Ecorse, Wayne	0	0	0	0	0	0	11,950	11,950	0
Honeywell, Detroit, Wayne	0	0	0	0	0	0	6,860	6,860	0
Detroit Edison Monroe Power Plant, Monroe, Monroe	0	0	0	0	502,500	2	1,127	503,628	0
American Stone-Mix Inc., New Boston, Wayne	0	0	0	0	0	0	870	870	0
J. H Campbell Generating Plant, West Olive, Ottawa	0	0	0	0	0	0	690	690	0
Lansing Board of Water & Light- Eckert, Lansing, Ingham	0	3	0	0	0	0	658	661	0
D. E. Karn-J.C. Weadock Generating Plant, Essexville, Bay	0	0	0	0	0	0	549	549	0
Detroit Edison-St. Clair Power Plant, East China Township, St Clair	0	0	1,010	0	271,618	0	455	273,083	0
Detroit Edison-Belle River Power Plant, China Township, St Clair	0	0	91	0	301,500	0	452	302,043	0

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

2000 Toxics Release Inventory

MINNESOTA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	15,621,378	10,749,167	26,370,545
Air Emissions	14,049,537	1,117,765	15,167,302
Surface Water Discharges	1,341,693	19,935	1,361,628
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	250	0	250
Other On-site Land Releases	229,897	9,611,467	9,841,365
Off-site Releases (Transfers Off-site to Disposal)*	3,911,416	2,721,256	6,632,672
Total On- and Off-site Releases	**19,532,793**	**13,470,424**	**33,003,217**
Recycled On-site	217,198,633	4,394,768	221,593,401
Recycled Off-site	20,650,029	302,992	20,953,021
Energy Recovery On-site	5,242,785	0	5,242,785
Energy Recovery Off-site	10,665,336	64,029	10,729,365
Treated On-site	35,900,220	1,206,473	37,106,693
Treated Off-site**	15,380,412	24,272	15,404,684
Quantity Released On- and Off-site***	19,820,405	13,404,519	33,224,924
Total Production-related Waste Managed	**324,857,821**	**19,397,053**	**344,254,874**
Non-production-related Waste Managed	**1,743**	**0**	**1,743**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	20,717,396	303,077	21,020,473
Energy Recovery	10,660,060	65,069	10,725,129
Treatment	1,248,148	7,024	1,255,172
Publicly Owned Treatment Works (POTWs)	14,556,033	20,375	14,576,408
Metals and Metal Compounds*	193,779	3,119	196,898
Non-metal TRI Chemicals**	14,362,254	17,256	14,379,510
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	3,793,611	2,718,205	6,511,815
Total Transfers Off-site for Further Waste Management/Disposal	**50,975,248**	**3,113,750**	**54,088,998**

* Transfers to POTWs of metals and metal 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

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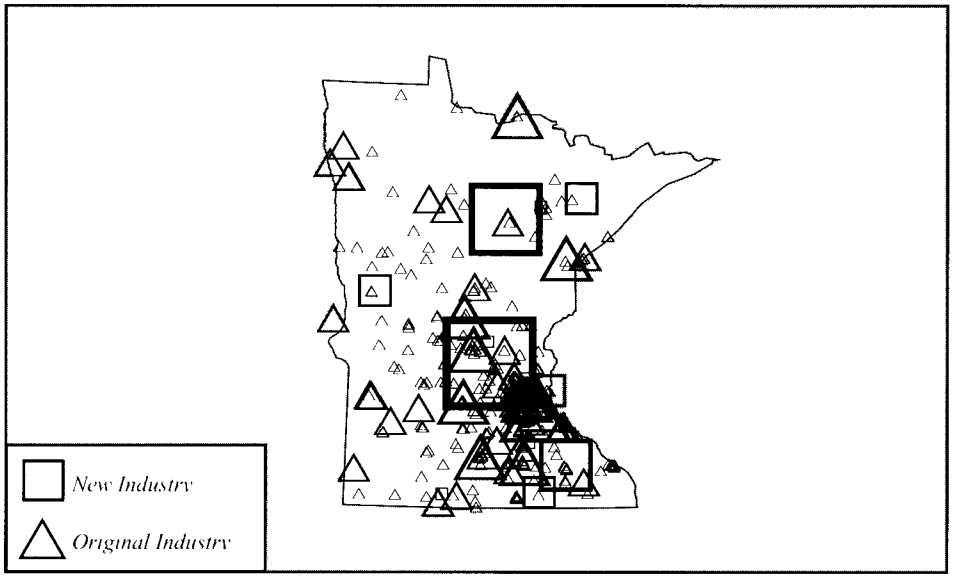

The largest marker in the state map represents the largest facility for on-site releases in the state of Minnesota. All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	4,931,093
Square Miles	79,617
Total Facilities	484
Total Forms	1,488
Form As	285

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	32	32	34
Pounds	19,532,793	13,470,424	33,003,217
National Rank for Total On-site Releases**			
Rank	32	33	36
Pounds	15,621,378	10,749,167	26,370,545
National Rank for Total Releases within State***			
Rank	33	32	35
Pounds	16,935,745	12,338,204	29,273,949
National Rank for Production-related Waste Managed			
Rank	23	36	29
Pounds	324,857,821	19,397,053	344,254,874

* 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

2000 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**	**81,436**	**9,493**	**0**	**7,168,353**	**1,304,417**	**8,563,699**	**0**	**1,148,916**	**155,501**
—	Copper compounds	9,668	971	0	327,020	1,600,336	1,937,995	9,219	148,345	1,451,993
67-56-1	**Methanol**	**1,779,448**	**87**	**0**	**0**	**4,828**	**1,784,363**	**0**	**4,828**	**0**
100-42-5	Styrene	1,776,268	0	0	0	15	1,776,283	0	15	0
108-88-3	**Toluene**	**1,508,081**	**8**	**0**	**0**	**1,265**	**1,509,354**	**0**	**269**	**996**

* 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.

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**	**27,683.27**	**0.00**	**0.00**	**0.00**	**658.03**	**28,341.30**	**0.00**	**386.69**	**271.34**
—	Mercury compounds	1,736.01	0.06	0.00	890.04	326.19	2,952.30	0.00	178.06	148.13
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**78.15**	**0.00**	**0.00**	**0.00**	**1,459.00**	**1,537.15**	**0.00**	**252.00**	**1,207.00**
191-24-2	Benzo(g,h,i)perylene	278.65	0.00	0.00	0.00	133.19	411.85	0.00	23.46	109.73
7439-97-6	**Mercury**	**38.40**	**0.00**	**0.00**	**0.00**	**0.00**	**38.40**	**3.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	1.60	0.04	1.65	0.00	0.02	0.02
—	***Dioxin and dioxin-like compounds (in grams)***	***8.330***	***0.000***	***0.000***	***723.612***	***15.915***	***747.857***	***0.000***	***8.807***	***7.108***
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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**	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Northern States Power Co., Becker, Sherburne	**98,381**	**170**	**0**	**0**	**0**	**7,531,055**	**7,629,606**	**280**	**5**
Boswell Energy Center, Cohasset, Itasca	122,318	11,350	0	0	0	1,731,100	1,864,768	60	30
Koch Petroleum Group L.P., Rosemount, Dakota	**379,313**	**724,255**	**0**	**0**	**0**	**250**	**1,103,818**	**11,896**	**2,876**
Ford Motor Co. Twin Cities Assembly Plant, Saint Paul, Ramsey	900,656	0	0	0	0	0	900,656	1,098	591
3M Cottage Grove Center, Cottage Grove, Washington	**330,462**	**336,905**	**0**	**0**	**0**	**0**	**667,367**	**2,333**	**73,890**
Electrolux Home Prods. Freezers, Saint Cloud, Stearns	634,015	0	0	0	0	0	634,015	37,000	0
3M Hutchinson, Hutchinson, Mc Leod	**555,423**	**0**	**0**	**0**	**0**	**0**	**555,423**	**8,720**	**7,070**
Boise Cascade Corp., International Falls, Koochiching	519,801	34,320	0	0	0	0	554,121	20,020	0
Cenex Harvest States Oilseed Processing & Refining, Mankato, Blue Earth	**478,000**	**250**	**0**	**0**	**250**	**0**	**478,500**	**0**	**0**
Potlatch Corp. MN P & P Div., Cloquet, Carlton	342,005	0	0	0	0	133,265	475,270	40,340	0

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

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
ADM, Red Wing, Goodhue	**13,980.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**13,980.00**	**0.00**	**0.00**
AG Processing Inc. A Cooperative, Dawson, Lac Qui Parle	8,390.00	0.00	0.00	0.00	0.00	0.00	8,390.00	0.00	0.00
Central Specialties Inc. - Hot Mix Plant 1, Alexandria, Douglas	**4,420.24**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**4,420.24**	**0.00**	**0.00**
Northern States Power Co., Becker, Sherburne	886.20	0.00	0.00	0.00	0.00	804.59	1,690.80	0 00	0.00
Koch Petroleum Group L.P., Rosemount, Dakota	**732.56**	**0.06**	**0.00**	**0.00**	**0.00**	**0.00**	**732.62**	**216.31**	**0.99**
Boswell Energy Center, Cohasset, Itasca	263.30	0.00	0.00	0.00	0.00	70.00	333.30	0.00	0.00
Agni Link Foods, Waseca, Waseca	**300.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**300.00**	**0.00**	**0.00**
North Star Steel Co. - Minnesota Div., Saint Paul, Ramsey	152.00	0.00	0.00	0.00	0.00	0.00	152.00	0.00	0.00
Riverside Generating Plant, Minneapolis, Hennepin	**99.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**99.00**	**14.00**	**0.00**
Marathon Ashland Petroleum L.L.C. Saint Paul Park Refy., Saint Paul Park, Washington	91.26	0.00	0.00	0.00	0.00	0.00	91.26	144.20	381.13

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

2000 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**	**654,375**	**0**	**7,598,512**	**8,252,887**	**0**
North Star Recycling, Saint Paul, Ramsey	299,164	16	0	0	0	0	2,358,923	2,658,103	0
Boswell Energy Center, Cohasset, Itasca	**0**	**0**	**0**	**0**	**111,038**	**0**	**1,845,333**	**1,956,371**	**0**
US Filter Recovery Services Inc., Roseville, Ramsey	4,377,938	63,109	0	0	46,000	16,835	1,133,137	5,637,019	0
Koch Petroleum Group L.P., Rosemount, Dakota	**61,901**	**58,734**	**0**	**868**	**3,147,541**	**937**	**1,113,281**	**4,383,263**	**131**
A.S. King Generating Plant, Bayport, Washington	0	0	0	0	133,734	0	1,024,161	1,157,895	0
Ford Motor Co. Twin Cities Assembly Plant, Saint Paul, Ramsey	**0**	**487,000**	**0**	**4,280**	**477,739**	**18,570**	**903,700**	**1,891,289**	**0**
3M Cottage Grove Center, Cottage Grove, Washington	0	427,982	30,160	7,372,031	4,140,069	147,917	743,590	12,861,749	0
Electrolux Home Prods. Freezers, Saint Cloud, Stearns	**0**	**12,100**	**0**	**0**	**0**	**350**	**672,000**	**684,450**	**0**
3M Hutchinson, Hutchinson, Mc Leod	18,726,500	4,700	0	1,688,312	3,400,000	488,760	568,858	24,877,130	0

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

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
ADM, Red Wing, Goodhue	**0**	**0**	**0**	**0**	**0**	**0**	**13,980**	**13,980**	**0**
AG Processing Inc A Cooperative, Dawson, Lac Qui Parle	0	0	0	0	0	0	8,390	8,390	0
Northern States Power Co., Becker, Sherburne	**0**	**0**	**0**	**0**	**3,465**	**0**	**1,688**	**5,153**	**0**
North Star Recycling, Saint Paul, Ramsey	0	16	0	0	0	0	1,316	1,332	0
Koch Petroleum Group L.P., Rosemount, Dakota	**21**	**37**	**0**	**454**	**3**	**254**	**946**	**1,716**	**0**
Marathon Ashland Petroleum L.L.C. Saint Paul Park Refy., Saint Paul Park, Washington	3,216	0	0	407	0	15	617	4,255	0
Spectro Alloys Corp., Rosemount, Dakota	**0**	**0**	**0**	**0**	**0**	**65**	**380**	**445**	**0**
Boswell Energy Center, Cohasset, Itasca	0	0	0	0	2,038	0	333	2,371	0
Agni Link Foods, Waseca, Waseca	**0**	**0**	**0**	**0**	**0**	**0**	**300**	**300**	**0**
A.S. King Generating Plant, Bayport, Washington	0	0	0	0	734	0	161	895	0

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

2000 Toxics Release Inventory

MISSISSIPPI

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	62,794,975	16,586,267	79,381,241
Air Emissions	31,208,408	13,821,795	45,030,203
Surface Water Discharges	13,537,742	3,829	13,541,571
Underground Injection Class I Wells	12,591,718	0	12,591,718
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	8,843	0	8,843
Other On-site Land Releases	5,448,263	2,760,643	8,208,906
Off-site Releases (Transfers Off-site to Disposal)*	1,607,267	94,932	1,702,199
Total On- and Off-site Releases	**64,402,242**	**16,681,199**	**81,083,440**
Recycled On-site	159,531,892	0	159,531,892
Recycled Off-site	25,905,484	683,619	26,589,103
Energy Recovery On-site	39,339,862	0	39,339,862
Energy Recovery Off-site	5,416,017	25,099	5,441,116
Treated On-site	84,660,798	10,021	84,670,819
Treated Off-site**	6,039,605	85,000	6,124,605
Quantity Released On- and Off-site***	64,582,213	16,686,721	81,268,934
Total Production-related Waste Managed	**385,475,871**	**17,490,460**	**402,966,331**
Non-production-related Waste Managed	**72,110**	**0**	**72,110**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	25,894,408	133,404	26,027,812
Energy Recovery	5,735,347	24,930	5,760,277
Treatment	2,647,831	85,000	2,732,831
Publicly Owned Treatment Works (POTWs)	3,554,063	6	3,554,069
Metals and Metal Compounds*	7,218	0	7,218
Non-metal TRI Chemicals**	3,546,845	6	3,546,851
Other Off-site Transfers****	500	0	500
Transfers Off-site to Disposal *(not including metals to POTWs)*	1,627,549	94,932	1,722,481
Total Transfers Off-site for Further Waste Management/Disposal	**39,459,697**	**338,272**	**39,797,969**

* Transfers to POTWs of metals and metal 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 . . .

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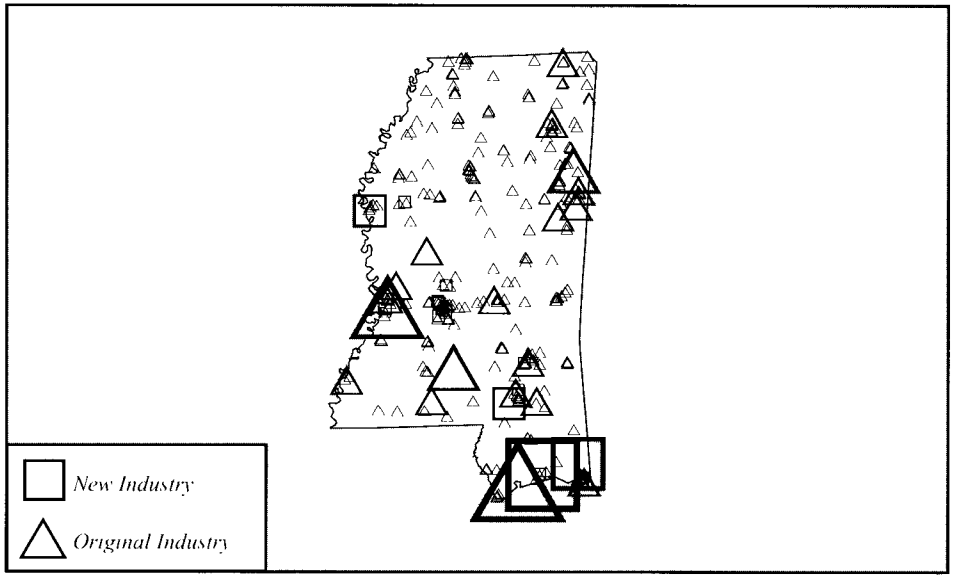

The largest marker in the state map represents the largest facility for on-site releases in the state of Mississippi All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,849,100
Square Miles	46,914
Total Facilities	325
Total Forms	1,290
Form As	222

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	11	31	24
Pounds	64,402,242	16,681,199	81,083,440
National Rank for Total On-site Releases**			
Rank	10	30	22
Pounds	62,794,975	16,586,267	79,381,241
National Rank for Total Releases within State***			
Rank	12	31	24
Pounds	63,752,432	16,762,256	80,514,688
National Rank for Production-related Waste Managed			
Rank	18	37	24
Pounds	385,475,871	17,490,460	402,966,331

* 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

2000 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	27,497	217,055	9,500,000	5,119,181	70,323	14,934,056	800	46,886	23,437
—	Nitrate compounds	62,075	12,976,714	0	250	55,641	13,094,680	0	54,641	1,000
7647-01-0	Hydrochloric acid	12,255,189	0	0	0	0	12,255,189	0	0	0
67-56-1	Methanol	7,686,388	60,509	23,298	4,010	4,610	7,778,815	1,150	910	3,700
7664-41-7	Ammonia	4,173,122	163,051	0	110,448	20,818	4,467,439	0	0	20,818

* 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

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	2,534.08	92.20	0.00	96.80	95,689.20	98,412.28	19,074.17	667.20	95,022.00
118-74-1	Hexachlorobenzene	1.10	43.10	11.90	3,174.20	0.00	3,230.30	10.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	678.27	7.14	0.00	7.00	1,046.30	1,738.71	9.04	100.00	946.30
—	Mercury compounds	786.87	6.24	57.40	335.80	52.35	1,238.66	137 90	52.26	0.09
608-93-5	Pentachlorobenzene	0.30	43.10	11.90	957.40	0.00	1,012.70	0.00	0.00	0.00
1582-09-8	Trifluralin	11.00	0.00	0.00	0.00	872.00	883 00	0.00	0.00	872.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	175.40	0.00	175.40	0.00	0.00	0.00
29082-74-4	Octachlorostyrene	0.00	0.00	0.00	132.30	0.00	132.30	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.04	0.39	0.00	43.62	0.00	44.05	0.00	0.00	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*20 357*	*176.233*	*0.000*	*19,782.585*	*0.137*	*19,979.311*	*0.000*	*0 064*	*0.073*
7439-97-6	Mercury	28.00	0.00	0.00	0.00	0.00	28.00	11.10	0.00	0.00
40487-42-1	Pendimethalin	5.00	0.00	0 00	0.00	0.00	5 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.

2000 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							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
Du Pont Delisle Plant, Pass Christian, Harrison	**2,193,501**	**2,333**	**12,557,081**	**0**	**0**	**46,113**	**14,799,029**	**27**	**0**
Mississippi Power Co Plant Watson, Gulfport, Harrison	9,973,639	3,687	0	0	0	969,011	10,946,337	0	0
Vicksburg Chemical Co., Vicksburg, Warren	**134,974**	**7,966,805**	**0**	**0**	**0**	**0**	**8,101,779**	**0**	**0**
Kerr-Mcgee Chemical L.L.C. Electrolytic Plant, Hamilton, Monroe	301,295	13,260	0	0	0	4,155,000	4,469,555	0	57,000
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	**1,592,930**	**0**	**0**	**0**	**0**	**1,665,523**	**3,258,453**	**0**	**0**
Georgia-Pacific Corp., Monticello, Lawrence	2,418,050	115,711	0	0	0	65,822	2,599,582	0	0
Leaf River Forest Prods., New Augusta, Perry	**1,613,920**	**515,077**	**0**	**0**	**0**	**2**	**2,128,999**	**0**	**0**
Carpenter Co. Tupelo Div., Verona, Lee	1,929,108	0	0	0	0	0	1,929,108	0	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	**1,093,461**	**790,548**	**0**	**0**	**0**	**0**	**1,884,009**	**0**	**0**
International Paper - Natchez Mill, Natchez, Adams	1,013,412	273,215	0	0	0	477,143	1,763,770	0	14,178

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

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
Du Pont Delisle Plant, Pass Christian, Harrison	**11.00**	**87.10**	**81.20**	**0.00**	**0.00**	**4,489.38**	**4,668.68**	**0.20**	**0.00**
Bryan Foods Inc., West Point, Clay	1,027.00	0 00	0.00	0.00	0.00	0.00	1,027.00	0.00	0.00
Apac- Mississippi Inc., Jackson, Hinds	**572.49**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**572.49**	**0.00**	**0.00**
Georgia-Pacific Corp , Monticello, Lawrence	437.50	18.00	0.00	0.00	0.00	20.50	476.00	0.00	0 00
Mississippi Power Co. Plant Watson, Gulfport, Harrison	**202.30**	**2.70**	**0.00**	**0.00**	**0.00**	**174.30**	**379.30**	**0.00**	**0.00**
Apac-Mississippi Inc., Meridian, Lauderdale	293.40	0 00	0.00	0.00	0.00	0.00	293.40	0.00	0.00
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	**214.90**	**0.00**	**0.00**	**0.00**	**0.00**	**71.40**	**286.30**	**0.00**	**0.00**
International Paper - Natchez Mill, Natchez, Adams	208.00	20.00	0.00	0.00	0.00	50.00	278.01	0.00	0.00
R. D. Morrow Sr. Generating Plant, Purvis, Lamar	**203.05**	**0.04**	**0.00**	**0.00**	**0.00**	**73.30**	**276.39**	**0.00**	**0.00**
International Paper Vicksburg Mill, Redwood, Warren	266.00	0.00	0 00	0.00	0.00	0.00	266.00	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
Du Pont Delisle Plant, Pass Christian, Harrison	**0**	**0**	**0**	**0**	**8,600,000**	**17,230**	**14,799,056**	**23,416,286**	**0**
Mississippi Power Co. Plant Watson, Gulfport, Harrison	0	0	0	0	0	0	10,946,412	10,946,412	0
Vicksburg Chemical Co., Vicksburg, Warren	**570,790**	**0**	**0**	**0**	**5,915,032**	**0**	**8,100,796**	**14,586,618**	**300**
Kerr-Mcgee Chemical L L.C. Electrolytic Plant, Hamilton, Monroe	276,000	57,000	0	0	2,200,000	0	4,458,005	6,991,005	0
Mississippi Power Co. Plant Daniel, Escatawpa, Jackson	**0**	**0**	**0**	**0**	**0**	**0**	**3,264,237**	**3,264,237**	**0**
Georgia-Pacific Corp., Monticello, Lawrence	0	0	0	0	6,770,816	0	2,599,582	9,370,398	0
Leaf River Forest Prods., New Augusta, Perry	**0**	**0**	**0**	**0**	**20,802,372**	**0**	**2,133,220**	**22,935,592**	**0**
Carpenter Co Tupelo Div., Verona, Lee	0	0	0	0	0	46	1,929,108	1,929,154	0
Misschem Nitrogen L.L.C., Yazoo City, Yazoo	**13,013,586**	**0**	**0**	**0**	**0**	**0**	**1,884,008**	**14,897,594**	**0**
International Paper - Natchez Mill, Natchez, Adams	0	0	32,008	22,000	6,853,800	0	1,803,875	8,711,683	0

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

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
Southland Oil - Vicksburg Terminal, Vicksburg, Warren	**0**	**0**	**0**	**0**	**0**	**0**	**94,932**	**94,932**	**0**
Du Pont Delisle Plant, Pass Christian, Harrison	0	0	0	0	0	0	4,669	4,669	0
Platte Chemical Co., Greenville, Washington	**0**	**0**	**0**	**0**	**0**	**0**	**1,129**	**1,129**	**0**
Bryan Foods Inc., West Point, Clay	0	0	0	0	0	0	1,027	1,027	0
Chevron Prods. Co. Pascagoula Refy., Pascagoula, Jackson	**3**	**0**	**0**	**0**	**0**	**255**	**760**	**1,018**	**0**
Apac- Mississippi Inc., Jackson, Hinds	299	0	0	0	0	0	573	871	0
Koppers Inds. Inc., Grenada, Grenada	**0**	**0**	**0**	**0**	**4,722**	**6,936**	**571**	**12,229**	**3,407**
Kerr - Mcgee Chemical L.L.C. Forest Prods. Div., Columbus, Lowndes	0	0	0	480	0	0	480	960	0
Georgia-Pacific Corp., Monticello, Lawrence	**0**	**0**	**0**	**0**	**0**	**0**	**476**	**476**	**0**
Mississippi Power Co. Plant Watson, Gulfport, Harrison	0	0	0	0	0	0	454	454	0

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

2000 Toxics Release Inventory

MISSOURI

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	52,582,386	72,428,496	125,010,882
Air Emissions	26,602,570	11,774,340	38,376,910
Surface Water Discharges	1,793,807	152,879	1,946,686
Underground Injection Class I Wells	1	0	1
Underground Injection Class II-V Wells	1	0	1
On-site Land Releases to RCRA Subtitle C Landfills	73,629	0	73,629
Other On-site Land Releases	24,112,377	60,501,278	84,613,655
Off-site Releases (Transfers Off-site to Disposal)*	5,835,161	111,204	5,946,365
Total On- and Off-site Releases	**58,417,546**	**72,539,700**	**130,957,247**
Recycled On-site	265,156,339	4,503	265,160,842
Recycled Off-site	55,808,869	1,790,526	57,599,395
Energy Recovery On-site	98,064,486	0	98,064,486
Energy Recovery Off-site	12,233,527	255,990	12,489,517
Treated On-site	39,635,257	13,202,488	52,837,745
Treated Off-site**	9,044,116	46,389	9,090,505
Quantity Released On- and Off-site***	61,291,321	66,338,371	127,629,692
Total Production-related Waste Managed	**541,233,915**	**81,638,267**	**622,872,181**
Non-production-related Waste Managed	**193,215**	**234**	**193,449**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	55,013,875	760,865	55,774,740
Energy Recovery	11,848,070	261,867	12,109,937
Treatment	4,121,013	40,166	4,161,179
Publicly Owned Treatment Works (POTWs)	6,944,425	131	6,944,555
Metals and Metal Compounds*	88,314	10	88,324
Non-metal TRI Chemicals**	6,856,111	121	6,856,232
Other Off-site Transfers****	93,932	0	93,932
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,798,398	111,194	5,909,592
Total Transfers Off-site for Further Waste Management/Disposal	**83,819,713**	**1,174,223**	**84,993,936**

* Transfers to POTWs of metals and metal 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.

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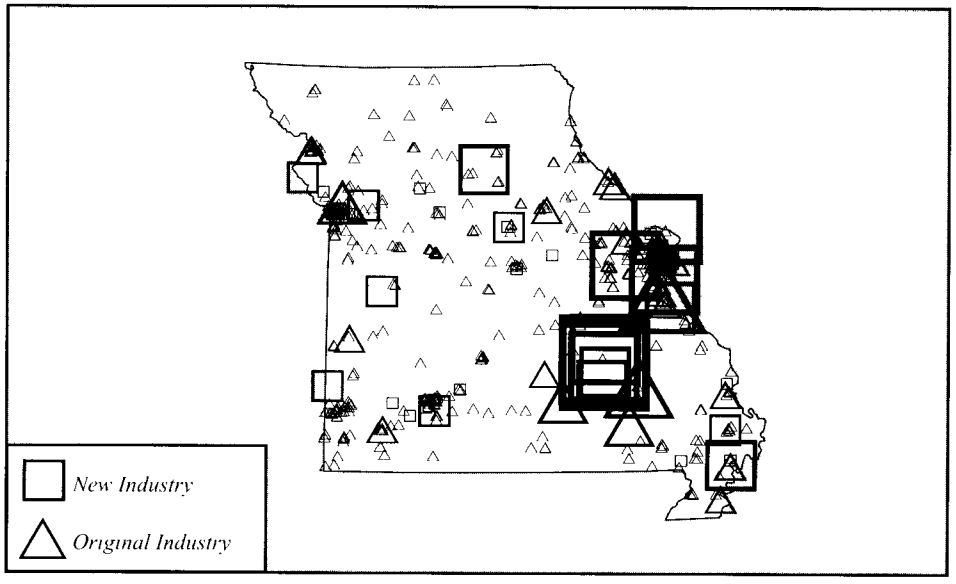

The largest marker in the state map represents the largest facility for on-site releases in the state of Missouri. All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,603,553
Square Miles	68,898
Total Facilities	609
Total Forms	2,255
Form As	368

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	16	12	16
Pounds	58,417,546	72,539,700	130,957,247
National Rank for Total On-site Releases**			
Rank	13	11	14
Pounds	52,582,386	72,428,496	125,010,882
National Rank for Total Releases within State***			
Rank	16	11	16
Pounds	57,257,333	73,192,279	130,449,612
National Rank for Production-related Waste Managed			
Rank	13	21	16
Pounds	541,233,915	81,638,267	622,872,181

* 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.

2000 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**	**561,441**	**19,193**	**0**	**38,905,521**	**516,608**	**40,002,763**	**29,686**	**318,489**	**198,119**
—	Lead compounds	482,894	6,621	0	24,737,703	2,399,375	27,626,593	10,667	2,382,952	16,424
—	**Barium compounds**	**180,345**	**109,173**	**0**	**10,953,512**	**112,801**	**11,355,831**	**1,723**	**112,257**	**547**
7647-01-0	Hydrochloric acid	8,598,145	0	0	5	143,995	8,742,145	0	0	143,995
67-56-1	**Methanol**	**7,691,214**	**6,266**	**0**	**5**	**346**	**7,697,831**	**2,625**	**5**	**341**

* 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

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**	**5,989.18**	**0.30**	**0.00**	**0.00**	**854.80**	**6,844.28**	**42.00**	**0.00**	**854.80**
—	Mercury compounds	2,653.80	3.10	0.00	955.50	401.68	4,014.08	113.04	19.41	382.27
191-24-2	**Benzo(g,h,i)perylene**	**19.01**	**0.00**	**0.00**	**0.00**	**579.00**	**598.01**	**0.16**	**0.00**	**579.00**
7439-97-6	Mercury	317.58	0.00	0.00	49.49	32.00	399.07	73.90	0.00	32.00
1582-09-8	**Trifluralin**	**90.24**	**0.00**	**0.00**	**0.00**	**195.40**	**285.64**	**19.00**	**194.00**	**1.40**
40487-42-1	Pendimethalin	43 00	22.00	0.00	1.00	0.00	66.00	51.00	0.00	0.00
72-43-5	**Methoxychlor**	**35.00**	**0.00**	**0.00**	**0.00**	**0.00**	**35.00**	**16.00**	**0.00**	**0.00**
79-94-7	Tetrabromobisphenol A	16.00	0.00	0.00	0 00	0.00	16.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.06**	**0.01**	**0.00**	**0.00**	**0.01**	**0.08**	**0.00**	**0.01**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*27.238*	*2.908*	*0.000*	*1.267*	*5 376*	*36 790*	*0 000*	*5 376*	*0.000*
118-74-1	**Hexachlorobenzene**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	0.00	0.00	73.70	0.00	0.00
309-00-2	**Aldrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
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

2000 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							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
Brushy Creek Mine/Mill, Bunker, Reynolds	**33,021**	**2,154**	**0**	**0**	**0**	**17,594,009**	**17,629,184**	**0**	**0**
Doe Run Co. Herculaneum Smelter, Herculaneum, Jefferson	321,911	520	0	0	0	16,807,748	17,130,179	997	709
Buick Mine/Mill, Boss, Iron	**47,026**	**3,247**	**0**	**0**	**0**	**11,168,013**	**11,218,286**	**0**	**0**
Fletcher Mine/Mill, Bunker, Reynolds	29,311	750	0	0	0	7,735,105	7,765,166	0	0
Doe Run Co. Glover Smelter, Glover, Iron	**53,652**	**19**	**0**	**0**	**0**	**5,948,046**	**6,001,717**	**0**	**522**
Sioux Power Station, West Alton, St Charles	3,514,535	9,225	0	0	0	1,501,125	5,024,885	0	18
Viburnum Mines/Mill, Viburnum, Iron	**26,556**	**9,030**	**0**	**0**	**0**	**4,937,371**	**4,972,957**	**0**	**0**
Ameron Meramec Power Station, Saint Louis, Saint Louis City	3,716,069	12,894	0	0	0	802,069	4,531,032	0	0
Ameron Labadie Power Station, Labadie, Franklin	**712,201**	**39,607**	**0**	**0**	**0**	**3,334,169**	**4,085,976**	**0**	**0**
Sweetwater Mine/Mill, Ellington, Reynolds	13,068	500	0	0	0	3,706,022	3,719,590	0	0

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

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
Noranda Aluminum Inc., New Madrid, New Madrid	**3,953.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,953.00**	**0.00**	**0.00**
Excel Corp., Marshall, Saline	1,341.00	0.00	0.00	0.00	0.00	0.00	1,341.00	0.00	0.00
Ameron Labadie Power Station, Labadie, Franklin	**658.50**	**0.00**	**0.00**	**0.00**	**0.00**	**168.90**	**827.40**	**0.00**	**0.00**
Rush Island Power Station, Festus, Jefferson	414.20	0.70	0.00	0.00	0.00	145.70	560.60	0.00	0.00
A. P. Green Inds. Inc., Fulton, Callaway	**478.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**478.00**	**0.00**	**0.00**
Thomas Hill Energy Center Power Div., Clifton Hill, Randolph	291.00	0.30	0.00	0.00	0.00	96.00	387.30	1.00	0.00
New Madrid Power Plant, Marston, New Madrid	**270.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**270.00**	**0.00**	**0.00**
Sioux Power Station, West Alton, St Charles	201 10	0.00	0 00	0.00	0.00	65.10	266.20	0.00	0.00
Ameron Meramec Power Station, Saint Louis, Saint Louis City	**160.80**	**0.00**	**0.00**	**0.00**	**0.00**	**68.80**	**229.60**	**0.00**	**0.00**
Lone Star Inds. Inc., Cape Girardeau, Cape Girardeau	178.01	0.00	0.00	0 00	0.00	15.00	193.01	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
Doe Run Co. Herculaneum Smelter, Herculaneum, Jefferson	**31,690,132**	**0**	**0**	**0**	**0**	**0**	**17,210,469**	**48,900,601**	**78,611**
Brushy Creek Mine/Mill, Bunker, Reynolds	0	0	0	0	0	0	11,750,804	11,750,804	0
Buick Mine/Mill, Boss, Iron	**0**	**0**	**0**	**0**	**0**	**0**	**11,141,823**	**11,141,823**	**0**
Fletcher Mine/Mill, Bunker, Reynolds	0	0	0	0	0	0	7,764,137	7,764,137	0
Doe Run Co. Glover Smelter, Glover, Iron	**86,902,177**	**1**	**0**	**0**	**3,090**	**522**	**6,001,720**	**92,907,510**	**0**
Viburnum Mines/Mill, Viburnum, Iron	0	0	0	0	0	0	4,908,677	4,908,677	0
Sioux Power Station, West Alton, St Charles	**0**	**0**	**0**	**0**	**3,213,000**	**0**	**4,807,266**	**8,020,266**	**0**
Ameron Meramec Power Station, Saint Louis, Saint Louis City	0	0	0	0	397,000	0	4,535,230	4,932,230	0
Ameron Labadie Power Station, Labadie, Franklin	**0**	**0**	**0**	**0**	**3,860,000**	**0**	**4,042,827**	**7,902,827**	**0**
Sweetwater Mine/Mill, Ellington, Reynolds	0	0	0	0	0	0	3,719,244	3,719,244	0

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

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
Omnium L.L.C., Saint Joseph, Buchanan	**0**	**0**	**0**	**0**	**0**	**5,385**	**5,385**	**10,770**	**0**
Noranda Aluminum Inc., New Madrid, New Madrid	0	0	0	0	0	0	3,953	3,953	0
Ameron Labadie Power Station, Labadie, Franklin	**0**	**0**	**0**	**0**	**0**	**0**	**827**	**827**	**0**
Tamko Roofing Prods. Inc., Joplin, Jasper	0	0	0	0	0	0	684	684	0
Harbison Walker Refractories Vandalia, Vandalia, Audrain	**0**	**0**	**0**	**0**	**0**	**0**	**590**	**590**	**0**
Rush Island Power Station, Festus, Jefferson	0	0	0	0	0	0	561	561	0
A. P. Green Inds. Inc., Fulton, Callaway	**0**	**0**	**0**	**0**	**0**	**0**	**478**	**478**	**0**
Kerr-Mcgee Chemical L.L.C., Springfield, Greene	0	0	0	470	0	0	470	940	0
Thomas Hill Energy Center Power Div., Clifton Hill, Randolph	**0**	**0**	**0**	**0**	**80**	**0**	**400**	**480**	**0**
Eagle-Picher Techs. L.L.C. Federal Sys., Joplin, Jasper	0	0	0	0	0	0	350	350	0

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

2000 Toxics Release Inventory

MONTANA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	46,851,672	70,146,130	116,997,802
Air Emissions	5,248,879	1,026,328	6,275,207
Surface Water Discharges	47,436	25	47,461
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	2,298	0	2,298
Other On-site Land Releases	41,553,058	69,119,778	110,672,835
Off-site Releases (Transfers Off-site to Disposal)*	5,013,120	138,517	5,151,637
Total On- and Off-site Releases	**51,864,792**	**70,284,647**	**122,149,439**
Recycled On-site	39,736,081	0	39,736,081
Recycled Off-site	78,637	38,294	116,931
Energy Recovery On-site	6,589,045	0	6,589,045
Energy Recovery Off-site	23,145	0	23,145
Treated On-site	8,076,427	2,604,832	10,681,259
Treated Off-site**	26,423	2,686	29,109
Quantity Released On- and Off-site***	52,213,173	70,176,079	122,389,252
Total Production-related Waste Managed	**106,742,931**	**72,821,892**	**179,564,822**
Non-production-related Waste Managed	**99,614**	**80,332**	**179,946**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	111,284	11,294	122,578
Energy Recovery	23,341	0	23,341
Treatment	20,264	307	20,571
Publicly Owned Treatment Works (POTWs)	8,375	0	8,375
Metals and Metal Compounds*	10	0	10
Non-metal TRI Chemicals**	8,365	0	8,365
Other Off-site Transfers****	750	0	750
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,392,750	138,517	5,531,267
Total Transfers Off-site for Further Waste Management/Disposal	**5,556,764**	**150,119**	**5,706,883**

* Transfers to POTWs of metals and metal 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.

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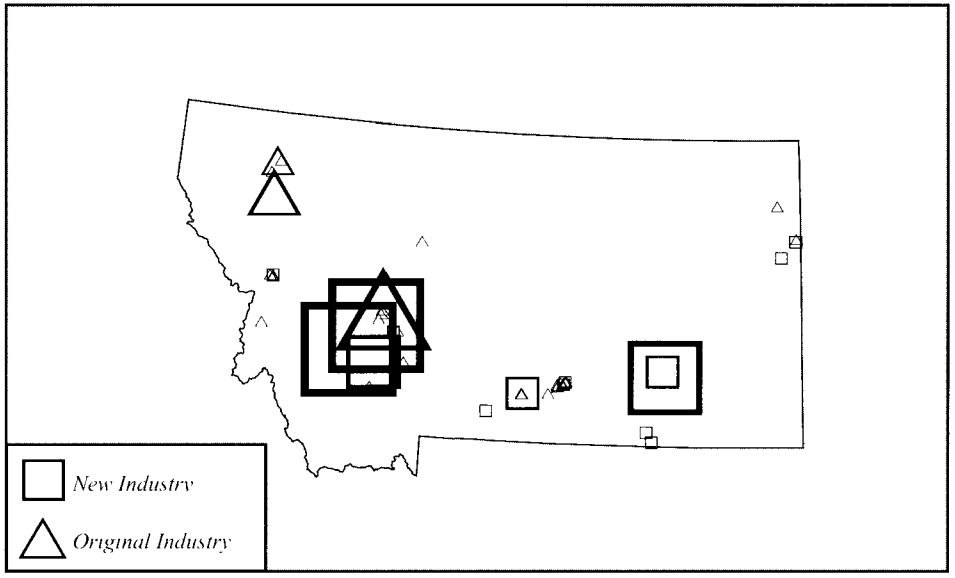

The largest marker in the state map represents the largest facility for on-site releases in the state of Montana. All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	903,157
Square Miles	145,556
Total Facilities	45
Total Forms	285
Form As	35

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	18	13	19
Pounds	51,864,792	70,284,647	122,149,439
National Rank for Total On-site Releases**			
Rank	16	12	18
Pounds	46,851,672	70,146,130	116,997,802
National Rank for Total Releases within State***			
Rank	19	13	19
Pounds	46,864,068	70,282,276	117,146,344
National Rank for Production-related Waste Managed			
Rank	34	22	33
Pounds	106,742,931	72,821,892	179,564,822

* 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.

2000 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	14,436	24	0	56,644,425	1,823,550	58,482,435	0	260	1,823,290
—	Lead compounds	17,546	1	0	16,143,969	2,110,415	18,271,931	0	255	2,110,160
—	Copper compounds	12,936	9	0	15,557,393	135,358	15,705,696	0	260	135,098
—	Barium compounds	96,929	10	0	8,118,994	110,250	8,326,183	0	110,250	0
—	Manganese compounds	11,616	28,012	0	4,348,407	45,469	4,433,504	0	34,350	11,119

* 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

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	34,144.98	8.00	0.00	525.48	8.21	34,686.67	0.00	6.95	1.26
—	Mercury compounds	4,265.82	0.55	0.00	4,556.20	1,452.60	10,275.17	0.00	10.00	1,442.60
191-24-2	Benzo(g,h,i)perylene	3,489.69	1.90	0.00	0.80	0.50	3,492.89	0.00	0.50	0.00
7439-97-6	Mercury	23.00	0.00	0.00	726.00	0.00	749.00	0.00	0.00	0.00
118-74-1	Hexachlorobenzene	10.80	0.00	0.00	0.00	0.00	10.80	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)*	*16.108*	*0.162*	*0.000*	*0.005*	*0.003*	*16.277*	*0.000*	*0.003*	*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.

2000 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							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
Asarco Inc., East Helena, Lewis and Clark	**60,327**	**1,004**	**0**	**0**	**0**	**41,477,389**	**41,538,720**	**0**	**5,371,047**
Montana Tunnels Mining Inc., Jefferson City, Jefferson	27,112	0	0	0	0	26,476,261	26,503,373	0	0
Montana Resources, Butte, Silver Bow	**1,000**	**0**	**0**	**0**	**0**	**25,407,400**	**25,408,400**	**0**	**0**
PP&L Montana Colstrip Steam Electric Station, Colstrip, Rosebud	265,161	10	0	0	0	10,220,160	10,485,331	44,837	21
Golden Sunlight Mines Inc., Whitehall, Jefferson	**56,562**	**0**	**0**	**0**	**0**	**5,296,689**	**5,353,251**	**0**	**0**
Stone Container Corp., Missoula, Missoula	3,073,900	37,220	0	0	0	22,281	3,133,401	12,006	1
SMC Nye Mine Site, Nye, Stillwater	**1,338**	**0**	**0**	**0**	**0**	**1,318,670**	**1,320,008**	**0**	**0**
Colstrip Energy L.P Rosebud Power Plant, Colstrip, Rosebud	563,080	0	0	0	0	248,667	811,747	0	0
Plum Creek Mdf Inc., Columbia Falls, Flathead	**783,250**	**0**	**0**	**0**	**0**	**0**	**783,250**	**0**	**0**
Columbia Falls Aluminum Co L.L.C., Columbia Falls, Flathead	345,731	0	0	0	0	0	345,731	0	0

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

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
Columbia Falls Aluminum Co. L.L.C., Columbia Falls, Flathead	**36,535.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**36,535.00**	**0.00**	**0.00**
SMC Nye Mine Site, Nye, Stillwater	0.10	0.00	0.00	0.00	0.00	3,822.90	3,823.00	0.00	0.00
Asarco Inc., East Helena, Lewis and Clark	**3,273.00**	**0.00**	**0.00**	**0.00**	**0.00**	**50.00**	**3,323.00**	**0.00**	**1,435.00**
PP&L Montana Colstrip Steam Electric Station, Colstrip, Rosebud	925.73	0.00	0 00	0.00	0.00	660.00	1,585.73	2.00	1.00
Golden Sunlight Mines Inc., Whitehall, Jefferson	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**729.00**	**729.00**	**0.00**	**0.00**
ExxonMobil Billings Refy., Billings, Yellowstone	1.89	0.00	0.00	0.00	0.00	510.00	511.89	0.00	0.26
Conoco Inc. Billings Refy., Billings, Yellowstone	**495.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**495.00**	**0.00**	**0.00**
Cenex Harvest States Co-op. Laurel Refy., Laurel, Yellowstone	473.04	0.00	0.00	0.00	0.00	0.00	473.04	0.00	7.10
J.E. Corette Steam Electric Station, Billings, Yellowstone	**63.02**	**0.05**	**0.00**	**0.00**	**0.00**	**9.00**	**72.07**	**0.00**	**0.00**
Stone Container Corp., Missoula, Missoula	49.50	10.40	0.00	0.00	0.00	10.80	70.70	6.40	0.50

* 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., East Helena, Lewis and Clark	29,122,581	0	0	0	0	0	46,909,767	76,032,348	98,425
Montana Tunnels Mining Inc., Jefferson City, Jefferson	0	27,000	0	0	0	0	26,502,293	26,529,293	0
Montana Resources, Butte, Silver Bow	0	0	0	0	0	0	25,399,200	25,399,200	0
PP&L Montana Colstrip Steam Electric Station, Colstrip, Rosebud	0	2,700	0	0	2,320,000	0	10,517,201	12,839,901	0
Golden Sunlight Mines Inc., Whitehall, Jefferson	0	0	0	0	0	0	5,271,879	5,271,879	0
Stone Container Corp., Missoula, Missoula	0	0	6,094,000	1,380	3,491,830	0	3,129,301	12,716,511	0
SMC Nye Mine Site, Nye, Stillwater	0	0	0	0	40,832	0	1,320,009	1,360,841	0
Colstrip Energy L.P. Rosebud Power Plant, Colstrip, Rosebud	0	0	0	0	0	0	811,747	811,747	0
Plum Creek Mdf Inc., Columbia Falls, Flathead	0	0	0	0	0	0	782,000	782,000	0
Columbia Falls Aluminum Co L.L.C., Columbia Falls, Flathead	9,322,068	0	0	0	0	0	338,843	9,660,911	0

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

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
Columbia Falls Aluminum Co. L.L.C., Columbia Falls, Flathead	2,217	0	0	0	0	0	36,535	38,752	0
Asarco Inc., East Helena, Lewis and Clark	122,562	0	0	0	0	0	4,758	127,320	91
SMC Nye Mine Site, Nye, Stillwater	0	0	0	0	0	0	3,823	3,823	0
PP&L Montana Colstrip Steam Electric Station, Colstrip, Rosebud	0	0	0	0	0	0	1,589	1,589	0
Golden Sunlight Mines Inc., Whitehall, Jefferson	0	0	0	0	0	0	739	739	0
ExxonMobil Billings Refy., Billings, Yellowstone	0	0	0	0	0	7	512	519	0
Conoco Inc. Billings Refy., Billings, Yellowstone	0	0	0	0	0	0	495	495	430
Cenex Harvest States Co-op. Laurel Refy., Laurel, Yellowstone	317	0	0	0	6	7	473	803	0
Montana Refining Co., Great Falls, Cascade	0	0	0	0	0	6	370	376	0
Stone Container Corp., Missoula, Missoula	0	0	0	0	0	0	77	77	0

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

2000 Toxics Release Inventory

NEBRASKA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	16,009,204	8,734,165	24,743,369
Air Emissions	4,519,396	3,849,509	8,368,905
Surface Water Discharges	10,830,702	265	10,830,967
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	65	0	65
Other On-site Land Releases	659,041	4,884,391	5,543,432
Off-site Releases (Transfers Off-site to Disposal)*	5,135,735	182,280	5,318,015
Total On- and Off-site Releases	**21,144,939**	**8,916,445**	**30,061,384**
Recycled On-site	2,122,798	94,645	2,217,443
Recycled Off-site	25,781,721	889,698	26,671,419
Energy Recovery On-site	17,287	0	17,287
Energy Recovery Off-site	275,774	113,357	389,131
Treated On-site	5,138,300	35,638,479	40,776,779
Treated Off-site**	4,249,260	98,632	4,347,892
Quantity Released On- and Off-site***	22,983,957	8,847,485	31,831,442
Total Production-related Waste Managed	**60,569,098**	**45,682,295**	**106,251,394**
Non-production-related Waste Managed	**58,232**	**13,000**	**71,232**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	25,453,975	109,689	25,563,664
Energy Recovery	274,130	113,096	387,226
Treatment	293,415	87,546	380,961
Publicly Owned Treatment Works (POTWs)	880,162	0	880,162
Metals and Metal Compounds*	11,332	0	11,332
Non-metal TRI Chemicals**	868,830	0	868,830
Other Off-site Transfers****	750	0	750
Transfers Off-site to Disposal *(not including metals to POTWs)*	9,769,398	182,312	9,951,710
Total Transfers Off-site for Further Waste Management/Disposal	**36,671,830**	**492,643**	**37,164,472**

* Transfers to POTWs of metals and metal 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 . . .

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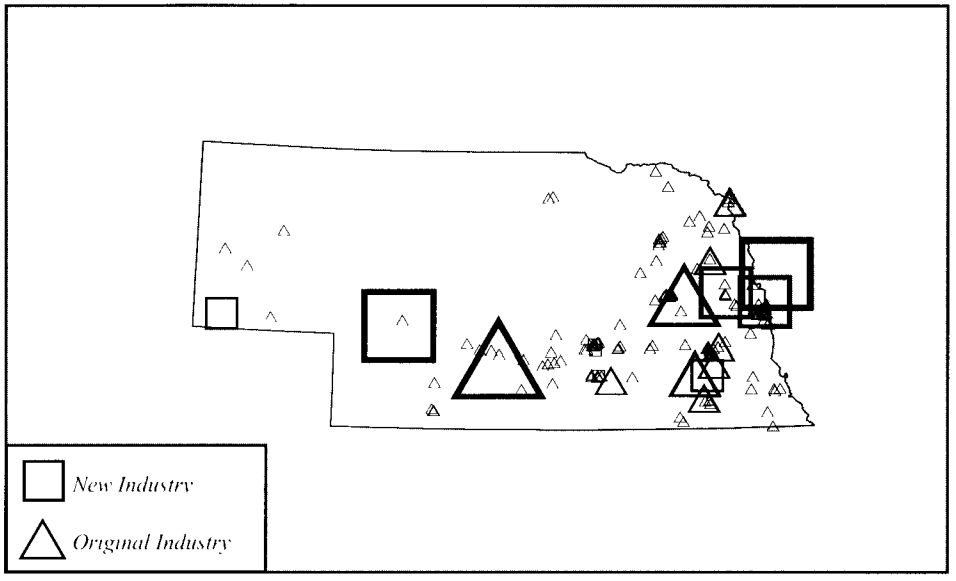

The largest marker in the state map represents the largest facility for on-site releases in the state of Nebraska All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,712,577
Square Miles	76,878
Total Facilities	175
Total Forms	641
Form As	106

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	31	40	38
Pounds	21,144,939	8,916,445	30,061,384
National Rank for Total On-site Releases**			
Rank	31	38	38
Pounds	16,009,204	8,734,165	24,743,369
National Rank for Total Releases within State***			
Rank	31	39	38
Pounds	19,243,822	8,915,820	28,159,642
National Rank for Production-related Waste Managed			
Rank	41	27	41
Pounds	60,569,098	45,682,295	106,251,394

* 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

2000 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**	**275**	**10,606,962**	**0**	**98,631**	**223,396**	**10,929,264**	**0**	**223,396**	**0**
—	Zinc compounds	103,095	3,409	0	98,005	6,087,719	6,292,228	1,461,636	333,114	5,754,605
7440-39-3	**Barium**	**39,355**	**4,138**	**0**	**2,256,474**	**0**	**2,299,967**	**0**	**0**	**0**
7647-01-0	Hydrochloric acid	2,236,376	0	0	0	0	2,236,376	0	0	0
—	**Barium compounds**	**124,468**	**250**	**0**	**1,714,259**	**161,197**	**2,000,174**	**251**	**155,681**	**5,516**

* 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

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
7439-97-6	**Mercury**	**573.71**	**0.00**	**0.00**	**318.00**	**0.00**	**891.71**	**1.02**	**0.00**	**0.00**
—	Mercury compounds	65 02	0.03	0.00	179.00	139 90	383.95	37.63	104.05	35.85
1582-09-8	**Trifluralin**	**2.30**	**0.00**	**0.00**	**112.00**	**112.00**	**226.30**	**0.00**	**0.00**	**112.00**
191-24-2	Benzo(g,h,i)perylene	0.72	0.00	0.00	0.00	54.00	54 72	0.00	54.00	0.00
—	**Polycyclic aromatic compounds**	**15.86**	**0.00**	**0.00**	**0.00**	**24.40**	**40.26**	**0.00**	**24.40**	**0.00**
40487-42-1	Pendimethalin	8.00	0.00	0.00	0 00	0.00	8.00	0.00	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**
76-44-8	Heptachlor	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
118-74-1	**Hexachlorobenzene**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.95	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***432.199***	***0.000***	***0.000***	***1.070***	***0.000***	***433.269***	***0.000***	***0.000***	***0.000***
72-43-5	Methoxychlor	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	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	—***	—	—	—	—	—	—	—	—
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

2000 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							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
IBP Inc., Lexington, Dawson	16,290	6,700,250	0	0	0	250	6,716,790	9,200	0
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	950,730	5	0	0	0	2,219,190	3,169,925	0	0
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	995,900	0	0	0	0	1,497,035	2,492,935	0	0
Excel Corp., Schuyler, Colfax	3,346	1,938,719	0	0	0	98,969	2,041,034	128,184	0
Farmland Foods Inc., Crete, Saline	38,726	1,182,744	0	0	0	0	1,221,470	0	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	792,961	260	0	0	0	313,179	1,106,400	170,302	750
Omaha Public Power District North Omaha Station, Omaha, Douglas	795,580	0	0	0	0	247,025	1,042,605	0	0
Goodyear Tire & Rubber Co., Lincoln, Lancaster	616,173	132	0	0	0	0	616,305	79,274	319
Nebraska Public Power District Sheldon Station, Hallam, Lancaster	206,363	0	0	0	0	321,068	527,431	0	0
IBP Inc Wastewater Treatment Plant, Dakota City, Dakota	15	512,350	0	0	0	0	512,365	369,100	0

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

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
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	400.00	0.00	0.00	0.00	0.00	35.00	435.00	0.00	0.00
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	0.00	0.00	0.00	0.00	0.00	190.00	190.00	0.00	0.00
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	0.97	0.03	0.00	0.00	0.00	179.00	179.99	101.51	0.20
Platte Chemical Co., Fremont, Dodge	2.30	0.00	0.00	0.00	0.00	112.00	114.30	0.00	112.00
Nebraska Public Power District Sheldon Station, Hallam, Lancaster	25.00	0.00	0.00	0.00	0.00	68.00	93.00	0.00	0.00
Ash Grove Cement Co., Louisville, Cass	78.93	0.00	0.00	0.00	0.00	0.00	78.93	0.00	0.00
Nucor Steel Nebraska, Norfolk, Madison	62.00	0.00	0.00	0.00	0.00	0.00	62.00	0.00	35.00
Platte Generating Station, Grand Island, Hall	50.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00
Omaha Public Power District North Omaha Station, Omaha, Douglas	0.00	0.00	0.00	0.00	0.00	25.00	25.00	0.00	0.00
Western Sugar Co., Scottsbluff, Scotts Bluff	12 75	0.00	0.00	0.00	0.00	0.00	12.75	0.00	0.00

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

2000 Toxics Release Inventory

NEBRASKA

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
IBP Inc., Lexington, Dawson	0	96,000	0	0	331,000	0	6,725,430	7,152,430	0
Nucor Steel Nebraska, Norfolk, Madison	0	2,296,566	0	0	0	0	5,382,945	7,679,511	0
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	0	0	0	0	0	0	3,170,190	3,170,190	0
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	66,837	0	0	0	0	0	2,478,330	2,545,167	13,000
Excel Corp., Schuyler, Colfax	0	0	0	0	2,462,601	128,185	2,041,033	4,631,819	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	0	0	0	0	0	0	1,242,281	1,242,281	0
Farmland Foods Inc., Crete, Saline	0	0	0	0	218,697	0	1,221,470	1,440,167	0
Omaha Public Power District North Omaha Station, Omaha, Douglas	0	0	0	0	0	0	1,043,025	1,043,025	0
IBP Inc. Wastewater Treatment Plant, Dakota City, Dakota	0	0	0	0	309,800	0	877,650	1,187,450	0
Goodyear Tire & Rubber Co., Lincoln, Lancaster	25,973	0	0	44,595	0	3,841	695,898	770,308	0

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

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
Nebraska Public Power District Gerald Gentleman Station, Sutherland, Lincoln	17	0	0	0	0	0	330	347	0
City of Fremont Department of Utilities Lon D. Wright Power, Fremont, Dodge	0	0	0	0	0	0	281	281	0
Omaha Public Power District Nebraska City Station, Nebraska City, Otoe	0	0	0	0	0	0	190	190	0
Platte Chemical Co., Fremont, Dodge	0	0	0	0	0	0	114	114	0
Nebraska Public Power District Sheldon Station, Hallam, Lancaster	8	0	0	0	0	0	93	101	0
Nucor Steel Nebraska, Norfolk, Madison	0	15	0	0	0	0	93	108	0
Ash Grove Cement Co., Louisville, Cass	0	0	0	0	0	0	79	79	0
Goodyear Tire & Rubber Co., Norfolk, Madison	0	0	0	0	0	0	56	56	0
Platte Generating Station, Grand Island, Hall	0	0	0	0	0	0	50	50	0
Omaha Public Power District North Omaha Station, Omaha, Douglas	0	0	0	0	0	0	25	25	0

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

2000 Toxics Release Inventory

NEVADA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	2,269,148	1,003,612,086	1,005,881,234
Air Emissions	1,389,952	1,931,023	3,320,975
Surface Water Discharges	0	121,808	121,808
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	1,050	1,050
On-site Land Releases to RCRA Subtitle C Landfills	0	581,770	581,770
Other On-site Land Releases	879,195	1,000,976,435	1,001,855,630
Off-site Releases (Transfers Off-site to Disposal)*	2,188,791	199,689	2,388,480
Total On- and Off-site Releases	**4,457,939**	**1,003,811,775**	**1,008,269,713**
Recycled On-site	15,720,739	6,326,611	22,047,350
Recycled Off-site	2,826,389	848,603	3,674,992
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	33,134	0	33,134
Treated On-site	8,725,008	255,154,039	263,879,047
Treated Off-site**	64,674	41,896	106,570
Quantity Released On- and Off-site***	3,668,031	1,003,746,732	1,007,414,762
Total Production-related Waste Managed	**31,037,975**	**1,266,117,881**	**1,297,155,855**
Non-production-related Waste Managed	**748,658**	**4**	**748,662**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	2,896,004	778,191	3,674,195
Energy Recovery	33,134	0	33,134
Treatment	20,886	41,174	62,060
Publicly Owned Treatment Works (POTWs)	34,333	500	34,833
Metals and Metal Compounds*	35	0	35
Non-metal TRI Chemicals**	34,298	500	34,798
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	2,189,206	256,374	2,445,580
Total Transfers Off-site for Further Waste Management/Disposal	**5,173,563**	**1,076,239**	**6,249,802**

* Transfers to POTWs of metals and metal 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 . . .

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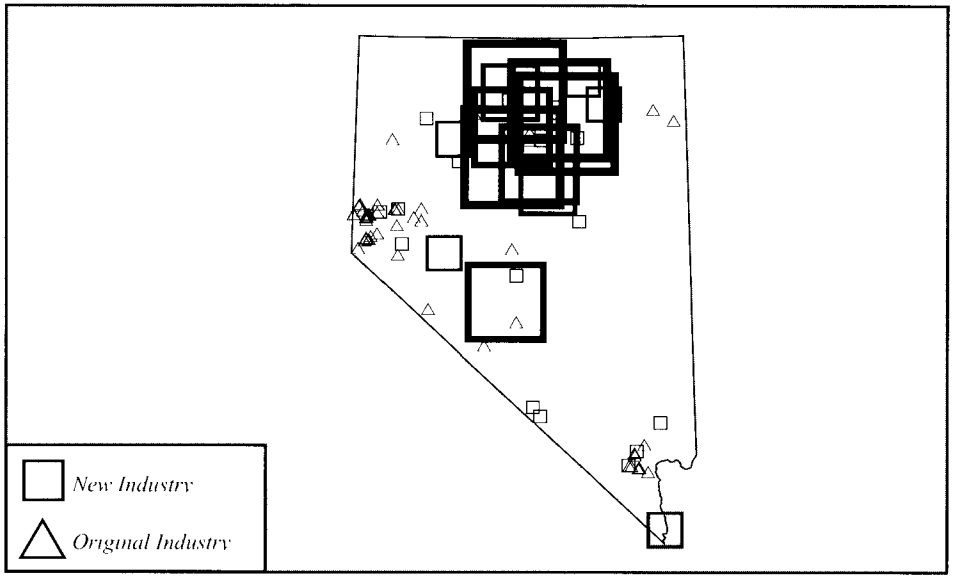

The largest marker in the state map represents the largest facility for on-site releases in the state of Nevada All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,018,723
Square Miles	109,806
Total Facilities	94
Total Forms	432
Form As	29

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	43	1	1
Pounds	4,457,939	1,003,811,775	1,008,269,713
National Rank for Total On-site Releases**			
Rank	45	1	1
Pounds	2,269,148	1,003,612,086	1,005,881,234
National Rank for Total Releases within State***			
Rank	42	1	1
Pounds	5,558,849	1,004,642,114	1,010,200,962
National Rank for Production-related Waste Managed			
Rank	44	1	5
Pounds	31,037,975	1,266,117,881	1,297,155,855

* 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

2000 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**	**24,696**	**3,805**	**36**	**411,357,719**	**132**	**411,386,388**	**30,240**	**130**	**2**
—	Zinc compounds	149,751	877	42	200,485,654	13,367	200,649,691	194,810	14,258	2,294
—	**Manganese compounds**	**20,716**	**839**	**0**	**169,808,409**	**2,103,030**	**171,932,994**	**48,942**	**2,103,028**	**2**
—	Lead compounds	39,638	50	1	58,388,858	8,192	58,436,739	316,668	822	7,703
—	**Vanadium compounds**	**3,712**	**0**	**0**	**34,053,025**	**91**	**34,056,828**	**19,035**	**90**	**1**

* 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

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
—	**Mercury compounds**	**12,675.52**	**1.00**	**0.30**	**2,999,500.96**	**73.01**	**3,012,250.79**	**4.46**	**0.01**	**73.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	66,420.00	0.00	66,420.00	22.00	0.00	0.00
—	**Polycyclic aromatic compounds**	**6.45**	**0.00**	**0.00**	**300.00**	**2,600.70**	**2,907.15**	**5.00**	**2,600.70**	**0.00**
7439-97-6	Mercury	96 76	0.00	0.00	440.40	0.00	537.16	1 00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**0.20**	**0.00**	**0.00**	**2.00**	**0.00**	**2.20**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.02	0.00	0 00	0 00	0.00	0.02	11.46	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***10.916***	***0.000***	***0.000***	***0.000***	***0.000***	***10.916***	***5,195.818***	***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	—***	—	—	—	—	—	—	—	—
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

2000 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 Mines Inc., Elko, Elko	85,611	0	0	0	0	346,453,567	346,539,178	0	3,338
Newmont Mining Corp Twin Creeks Mine, Golconda, Humboldt	179,569	676	0	0	0	219,742,656	219,922,901	0	1,428
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	53,257	1,135	0	0	0	154,157,564	154,211,956	0	75
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	48,194	0	0	0	0	141,444,618	141,492,812	0	0
Equatorial Tonopah Inc., Tonopah, Nye	6,839	0	0	0	0	43,384,540	43,391,379	0	0
Newmont Mining Corp Lone Tree Mine, Valmy, Humboldt	41,368	106,790	0	0	0	35,316,696	35,464,854	0	3
Cortez Gold Mines Pipeline Processing Plant Mill #2, Beowawe, Lander	11,824	0	0	0	0	28,585,980	28,597,804	0	0
Bald Mountain Mine, Elko, White Pine	8,018	0	0	0	0	12,032,000	12,040,018	130	0
Getchell Gold Corp., Golconda, Humboldt	1,670	0	0	0	0	9,651,367	9,653,037	0	0
Jerritt Canyon Joint Venture, Elko, Elko	13,307	0	0	1,050	0	3,008,361	3,022,718	0	0

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

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
Barrick Goldstrike Mines Inc., Elko, Elko	1,513.80	0.00	0.00	0.00	0.00	1,646,243.30	1,647,757.10	0.00	0.00
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	648.00	1.00	0.00	0.00	0.00	500,000.00	500,649.00	0.00	0.00
Newmont Mining Corp. Lone Tree Mine, Valmy, Humboldt	8.00	0.00	0.00	0.00	0.00	157,000.00	157,008.00	0.00	0.00
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	106.00	0.00	0.00	0.00	0.00	153,310.00	153,416.00	0.00	73.00
Cortez Gold Mines Pipeline Processing Plant Mill #2, Beowawe, Lander	3,110.00	0.00	0.00	0.00	0.00	117,000.00	120,110.00	0.00	0.00
Getchell Gold Corp., Golconda, Humboldt	7 00	0.00	0.00	0.00	0.00	110,767.00	110,774.00	0.00	0.00
Newmont Mining Corp. Carlin North Area, Carlin, Eureka	25.00	0.00	0.00	0.00	0.00	84,000.00	84,025.00	0.00	0.00
US Ecology Inc., Beatty, Nye	0.00	0.00	0.00	0.00	66,420.00	0.00	66,420.00	0.00	0.00
Jerritt Canyon Joint Venture, Elko, Elko	6,700.80	0.00	0.00	0.30	0.00	55,330.00	62,031.10	0.00	0.00
Echo Bay Minerals Co. McCoy/Cove Mine, Battle Mountain, Lander	226.00	0.00	0.00	0.00	0.00	46,300 00	46,526.00	0.00	0.00

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

2000 Toxics Release Inventory

NEVADA

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 Mines Inc., Elko, Elko	3,503,472	5,500	0	0	198,420	0	346,539,678	350,247,070	0
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	286,184	1,404	0	0	8,434,150	0	219,912,901	228,634,639	0
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	1,339,540	0	0	0	241,700,000	0	154,212,031	397,251,571	0
Echo Bay Minerals Co McCoy/Cove Mine, Battle Mountain, Lander	0	0	0	0	1,409,400	0	141,492,818	142,902,218	0
Equatorial Tonopah Inc., Tonopah, Nye	0	0	0	0	0	0	43,386,613	43,386,613	0
Newmont Mining Corp. Lone Tree Mine, Valmy, Humboldt	1,078,286	1	0	0	411,031	0	35,464,854	36,954,172	0
Cortez Gold Mines Pipeline Processing Plant Mill #2, Beowawe, Lander	0	54,350	0	0	990,000	0	28,589,602	29,633,952	0
Bald Mountain Mine, Elko, White Pine	0	0	0	0	0	0	12,040,148	12,040,148	0
Getchell Gold Corp., Golconda, Humboldt	0	0	0	0	0	0	9,652,650	9,652,650	0
Jerritt Canyon Joint Venture, Elko, Elko	0	0	0	0	0	0	3,001,962	3,001,962	0

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

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
Barrick Goldstrike Mines Inc., Elko, Elko	3,767	0	0	0	0	0	1,647,757	1,651,524	0
Newmont Mining Corp. Twin Creeks Mine, Golconda, Humboldt	4,000	0	0	0	0	0	490,649	494,649	0
Newmont Mining Corp. Lone Tree Mine, Valmy, Humboldt	1,400	0	0	0	0	0	157,008	158,408	0
Newmont Mining Corp. Carlin South Area, Carlin, Eureka	38,000	0	0	0	0	0	153,489	191,489	0
Cortez Gold Mines Pipeline Processing Plant Mill #2, Beowawe, Lander	0	0	0	0	0	0	120,110	120,110	0
Getchell Gold Corp , Golconda, Humboldt	0	0	0	0	0	0	110,387	110,387	0
Newmont Mining Corp. Carlin North Area, Carlin, Eureka	0	0	0	0	0	0	84,025	84,025	0
US Ecology Inc., Beatty, Nye	0	493	0	0	0	311	66,419	67,223	0
Jerritt Canyon Joint Venture, Elko, Elko	0	0	0	0	0	0	62,100	62,100	0
Echo Bay Minerals Co McCoy/Cove Mine, Battle Mountain, Lander	0	0	0	0	0	0	46,500	46,500	0

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

2000 Toxics Release Inventory

NEW HAMPSHIRE

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	2,275,098	3,296,579	5,571,677
Air Emissions	2,133,711	3,277,324	5,411,035
Surface Water Discharges	94,538	1,238	95,776
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	46,849	18,017	64,866
Off-site Releases (Transfers Off-site to Disposal)*	579,912	9,272	589,184
Total On- and Off-site Releases	**2,855,010**	**3,305,851**	**6,160,861**
Recycled On-site	12,407,405	0	12,407,405
Recycled Off-site	15,345,827	23	15,345,850
Energy Recovery On-site	1,465,335	0	1,465,335
Energy Recovery Off-site	1,684,068	0	1,684,068
Treated On-site	14,010,842	690	14,011,532
Treated Off-site**	770,372	71	770,443
Quantity Released On- and Off-site***	2,887,043	3,277,153	6,164,196
Total Production-related Waste Managed	**48,570,893**	**3,277,937**	**51,848,829**
Non-production-related Waste Managed	**4,591**	**0**	**4,591**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	14,845,219	550	14,845,769
Energy Recovery	1,616,991	0	1,616,991
Treatment	121,531	0	121,531
Publicly Owned Treatment Works (POTWs)	819,867	24	819,891
Metals and Metal Compounds*	4,227	0	4,227
Non-metal TRI Chemicals**	815,640	24	815,664
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	581,537	9,272	590,809
Total Transfers Off-site for Further Waste Management/Disposal	**17,985,145**	**9,846**	**17,994,991**

* Transfers to POTWs of metals and metal 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 . . .

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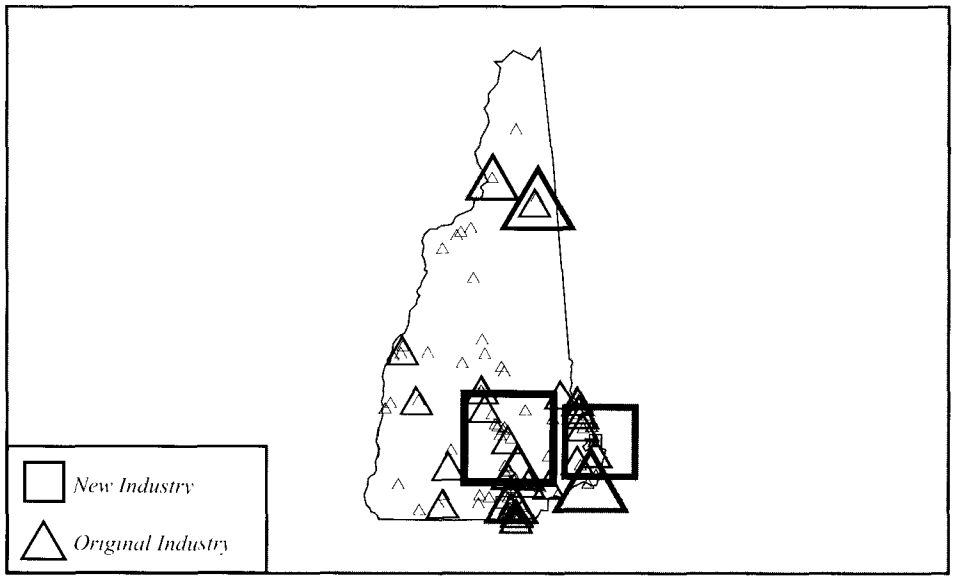
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of New Hampshire All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,239,881
Square Miles	8,969
Total Facilities	120
Total Forms	387
Form As	53

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	45	46	48
Pounds	2,855,010	3,305,851	6,160,861
National Rank for Total On-site Releases**			
Rank	44	46	48
Pounds	2,275,098	3,296,579	5,571,677
National Rank for Total Releases within State***			
Rank	45	46	48
Pounds	2,642,863	3,434,353	6,077,216
National Rank for Production-related Waste Managed			
Rank	42	47	45
Pounds	48,570,893	3,277,937	51,848,829

* 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.

2000 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**	**2,362,263**	**0**	**0**	**0**	**180,000**	**2,542,263**	**0**	**0**	**180,000**
7664-93-9	Sulfuric acid	717,955	0	0	0	0	717,955	0	0	0
67-56-1	**Methanol**	**592,049**	**6,030**	**0**	**5,400**	**45,687**	**649,166**	**0**	**0**	**45,687**
1330-20-7	Xylene (mixed isomers)	347,897	8	0	0	0	347,905	0	0	0
7664-41-7	**Ammonia**	**260,461**	**18,897**	**0**	**12**	**123**	**279,493**	**0**	**77**	**46**

* 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

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**	**898.11**	**268.82**	**0.00**	**18.10**	**297.23**	**1,482.26**	**1.00**	**0.03**	**297.21**
191-24-2	Benzo(g,h,i)perylene	0.16	42.50	0.00	0.00	49.02	91.68	0.00	0.00	49.02
7439-97-6	**Mercury**	**0.40**	**0.00**	**0.00**	**0.00**	**89.50**	**89.90**	**0.00**	**0.00**	**89.50**
—	Mercury compounds	30.60	0.00	0.00	12.00	2.30	44.90	3.05	2.30	0.00
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*1.379*	*0.670*	*0.000*	*1.296*	*0.000*	*3.345*	*0.190*	*0.000*	*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	—***	—	—	—	—	—	—	—	—
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

2000 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	**2,681,901**	**0**	**0**	**0**	**0**	**18,012**	**2,699,914**	**0**	**0**
Pulp & Paper of America L.L.C. Berlin Mill, Berlin, Coos	579,542	72,268	0	0	0	42,794	694,604	0	0
Schiller Station, Portsmouth, Rockingham	**500,617**	**0**	**0**	**0**	**0**	**0**	**500,617**	**2,731**	**0**
Venture Holdings Corp. (dba Bailey Mfg.), Seabrook, Rockingham	466,904	30	0	0	0	0	466,934	0	0
Groveton Paper Board Inc., Groveton, Coos	**189,668**	**5,069**	**0**	**0**	**0**	**0**	**194,737**	**0**	**26,458**
Kalwall Corp. Panels & Accessories Div., Manchester, Hillsborough	83,817	0	0	0	0	0	83,817	0	0
Nashua Corp., Merrimack, Hillsborough	**79,977**	**0**	**0**	**0**	**0**	**0**	**79,977**	**505**	**0**
Newington Station, Newington, Rockingham	67,036	0	0	0	0	0	67,036	6,541	0
Kalwall Corp/Flat Sheet Div., Bow, Merrimack	**59,664**	**0**	**0**	**0**	**0**	**0**	**59,664**	**0**	**0**
Johnson & Johnston Assoc. Inc , Hampstead, Rockingham	58,909	0	0	0	0	0	58,909	0	0

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

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
Webster Valve Inc., Franklin, Merrimack	**637.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**637.19**	**0.00**	**0.00**
Groveton Paper Board Inc., Groveton, Coos	0.00	262.70	0.00	0.00	0 00	0.00	262.70	0.00	346.20
Pulp & Paper of America L.L.C. Berlin Mill, Berlin, Coos	**94.00**	**11.00**	**0.00**	**0.00**	**0.00**	**18.00**	**123.00**	**0.00**	**0.00**
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
Merrimack Station, Bow, Merrimack	**23.40**	**0.00**	**0.00**	**0.00**	**0.00**	**12.10**	**35.50**	**0.00**	**0.00**
Monadnock Paper Mills Inc., Bennington, Hillsborough	0.26	33.56	0 00	0.00	0.00	0.00	33.82	0.03	0.00
APC Paper Co., Claremont, Sullivan	**22.20**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**22.20**	**0.00**	**0.00**
Nashua Corp., Merrimack, Hillsborough	15.00	0.00	0.00	0.00	0 00	0.00	15.00	0.00	0.00
Dorr Woolen Co., Guild, Sullivan	**10.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**10.00**	**0.00**	**0.00**
Schiller Station, Portsmouth, Rockingham	5.60	0 00	0.00	0.00	0.00	0.00	5.60	0.90	0.00

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

2000 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**	**330**	**0**	**2,699,836**	**2,700,166**	**0**
Pulp & Paper of America L L.C. Berlin Mill, Berlin, Coos	0	0	30,010	0	7,781,350	0	699,522	8,510,882	0
Schiller Station, Portsmouth, Rockingham	**0**	**0**	**0**	**0**	**0**	**0**	**503,317**	**503,317**	**0**
Venture Holdings Corp. (dba Bailey Mfg.), Seabrook, Rockingham	283,070	0	0	36,658	0	0	466,904	786,632	70
Groveton Paper Board Inc., Groveton, Coos	**0**	**0**	**856**	**45**	**379,298**	**26,157**	**220,125**	**626,481**	**0**
Osram Sylvania Prods. Inc., Hillsboro, Hillsborough	0	102,149	0	0	0	0	181,742	283,891	0
FCI USA, Lincoln, Grafton	**0**	**49,309**	**0**	**0**	**160,183**	**34,184**	**103,463**	**347,139**	**0**
Kalwall Corp. Panels & Accessories Div., Manchester, Hillsborough	4,153	0	0	397	0	2,509	86,326	93,385	0
Nashua Corp., Merrimack, Hillsborough	**1,153,028**	**0**	**0**	**5,512**	**10,499**	**76**	**84,471**	**1,253,586**	**4,350**
Sanmina Corp., Nashua, Hillsborough	0	266,221	0	0	168,922	0	76,835	511,978	0

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

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
Webster Valve Inc., Franklin, Merrimack	**0**	**0**	**637**	**0**	**0**	**0**	**637**	**1,274**	**0**
Groveton Paper Board Inc , Groveton, Coos	0	0	0	0	0	0	598	598	0
Pulp & Paper of America L.L.C. Berlin Mill, Berlin, Coos	**0**	**0**	**0**	**0**	**0**	**0**	**123**	**123**	**0**
Venture Holdings Corp. (dba Bailey Mfg.), Seabrook, Rockingham	0	0	0	50	0	0	110	160	10
Osram Sylvania Prods. Inc., Manchester, Hillsborough	**0**	**0**	**0**	**0**	**0**	**44**	**90**	**134**	**0**
Merrimack Station, Bow, Merrimack	0	0	0	0	0	0	36	36	0
Monadnock Paper Mills Inc., Bennington, Hillsborough	**0**	**0**	**41,745**	**0**	**0**	**0**	**34**	**41,779**	**0**
APC Paper Co., Claremont, Sullivan	0	0	0	0	0	0	22	22	0
Nashua Corp., Merrimack, Hillsborough	**0**	**0**	**0**	**0**	**0**	**0**	**15**	**15**	**0**
Dorr Woolen Co., Guild, Sullivan	0	0	0	0	0	0	10	10	0

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

2000 Toxics Release Inventory

NEW JERSEY

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	13,233,848	9,674,195	22,908,043
Air Emissions	7,505,160	9,659,992	17,165,152
Surface Water Discharges	5,534,296	13,079	5,547,375
Underground Injection Class I Wells	1	0	1
Underground Injection Class II-V Wells	3	0	3
On-site Land Releases to RCRA Subtitle C Landfills	142,164	0	142,164
Other On-site Land Releases	52,224	1,125	53,349
Off-site Releases (Transfers Off-site to Disposal)*	5,265,291	837,114	6,102,406
Total On- and Off-site Releases	**18,499,140**	**10,511,310**	**29,010,449**
Recycled On-site	94,248,320	12,852,495	107,100,815
Recycled Off-site	29,865,781	81,249	29,947,029
Energy Recovery On-site	4,812,036	0	4,812,036
Energy Recovery Off-site	34,120,677	28,746,354	62,867,031
Treated On-site	143,970,806	36,772,598	180,743,404
Treated Off-site**	47,236,743	2,328,733	49,565,476
Quantity Released On- and Off-site***	19,157,341	10,395,105	29,552,446
Total Production-related Waste Managed	**373,411,703**	**91,176,534**	**464,588,237**
Non-production-related Waste Managed	**31,331**	**10,180**	**41,511**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	30,419,294	85,147	30,504,441
Energy Recovery	34,109,908	26,304,984	60,414,892
Treatment	7,785,343	5,434,185	13,219,528
Publicly Owned Treatment Works (POTWs)	37,306,956	242,996	37,549,952
Metals and Metal Compounds*	55,040	343	55,383
Non-metal TRI Chemicals**	37,251,916	242,653	37,494,569
Other Off-site Transfers****	50	0	50
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,310,067	892,064	6,202,131
Total Transfers Off-site for Further Waste Management/Disposal	**114,931,618**	**32,959,376**	**147,890,993**

* Transfers to POTWs of metals and metal 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 . . .

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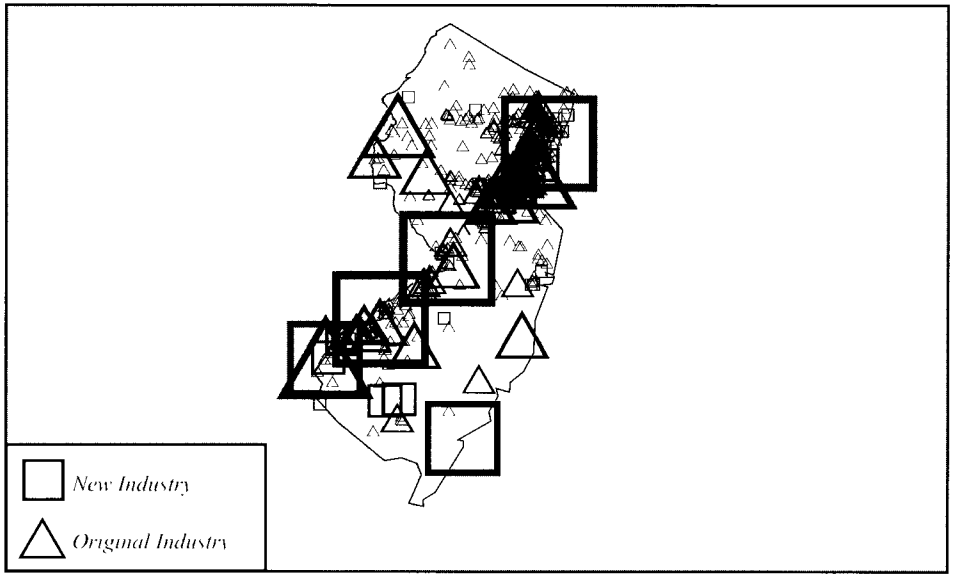

The largest marker in the state map represents the largest facility for on-site releases in the state of New Jersey All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	8,429,007
Square Miles	7,419
Total Facilities	587
Total Forms	2,482
Form As	406

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	33	35	39
Pounds	18,499,140	10,511,310	29,010,449
National Rank for Total On-site Releases**			
Rank	35	34	39
Pounds	13,233,848	9,674,195	22,908,043
National Rank for Total Releases within State***			
Rank	32	36	39
Pounds	17,433,464	9,960,383	27,393,847
National Rank for Production-related Waste Managed			
Rank	21	17	22
Pounds	373,411,703	91,176,534	464,588,237

* 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

2000 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
7647-01-0	**Hydrochloric acid**	**6,084,400**	**5**	**0**	**0**	**110**	**6,084,515**	**4,891**	**0**	**110**
—	Nitrate compounds	559	4,955,589	0	0	2,077	4,958,225	4,106	1,975	102
—	**Zinc compounds**	**29,780**	**27,664**	**0**	**13,932**	**2,306,028**	**2,377,404**	**152,450**	**1,613,410**	**694,419**
108-88-3	Toluene	1,691,920	645	0	1,175	10,614	1,704,354	8,582	13	10,601
1330-20-7	**Xylene (mixed isomers)**	**1,357,446**	**13,405**	**0**	**7,611**	**170,160**	**1,548,622**	**1,096**	**100,626**	**69,534**

* 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

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**	**1,490.18**	**56.00**	**0.00**	**426.00**	**560.00**	**2,532.18**	**3,563.35**	**161.60**	**398.40**
—	Mercury compounds	601.45	3.60	0.00	17.00	405.22	1,027.27	210.89	77 70	327.52
40487-42-1	**Pendimethalin**	**0.20**	**302.00**	**0.00**	**332.00**	**0.00**	**634.20**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	338.61	0.00	1.00	0.00	248 93	588.53	306.17	167.66	90.70
191-24-2	**Benzo(g,h,i)perylene**	**27.11**	**3.56**	**0.00**	**0.00**	**55.58**	**86.25**	**0.00**	**0.10**	**55.48**
608-93-5	Pentachlorobenzene	70 90	0 00	0.00	0.00	0.00	70.90	0.00	0.00	0.00
118-74-1	**Hexachlorobenzene**	**53.98**	**12.00**	**0.00**	**0.00**	**3.00**	**68.98**	**0.00**	**0.00**	**3.00**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.49	2.63	0.00	15.00	20.99	39 11	0.00	7.70	13 29
57-74-9	**Chlordane**	**6.54**	**0.00**	**0.00**	**0.00**	**0.88**	**7.42**	**0.00**	**0.00**	**0.88**
76-44-8	Heptachlor	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.02**	**0.00**	**0.00**	**0.00**	**0.07**	**0.09**	**0.00**	**0.00**	**0.07**
—	*Dioxin and dioxin-like compounds (in grams)*	*8.043*	*0.544*	*0.000*	*1.760*	*31.280*	*41.626*	*0.071*	*0.800*	*30.480*
309-00-2	**Aldrin**	**0.06**	**0.00**	**0.00**	**0.00**	**0.00**	**0.06**	**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**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
8001-35-2	Toxaphene	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	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Du Pont Chambers Works, Deepwater, Salem	418,076	2,853,928	0	0	142,164	0	3,414,168	0	244,721
Hudson Generating Station, Jersey City, Hudson	3,260,217	4,550	0	0	0	0	3,264,767	2,701	0
Bayway Refining Co., Linden, Union	785,935	2,213,224	0	0	0	0	2,999,159	0	4,242
Mercer Generating Station, Hamilton Township, Mercer	2,317,476	3,650	0	0	0	0	2,321,126	2,500	0
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	2,143,368	0	0	0	0	0	2,143,368	0	0
Roche Vitamins Inc., Belvidere, Warren	580,509	6,201	0	0	0	0	586,710	0	7,138
B. L. England Generating Station, Beesleys Point, Cape May	565,285	2,616	0	0	0	0	567,901	72,767	64
Ford Edison Assembly Plant, Edison, Middlesex	544,519	0	0	0	0	0	544,519	417	11,511
Conectiv Deepwater Generating Station, Pennsville, Salem	526,727	0	0	0	0	0	526,727	0	31,140
Mallinckrodt Baker Inc., Phillipsburg, Warren	65,693	218,161	0	0	0	0	283,854	0	0

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

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
Du Pont Chambers Works, Deepwater, Salem	1.00	335.00	0.00	0.00	790.00	0.00	1,126.00	0.00	19.00
Co-Steel Sayreville, Sayreville, Middlesex	575.00	0.00	0.00	0.00	0.00	0.00	575.00	0.00	0.00
Hudson Generating Station, Jersey City, Hudson	447.30	0.00	0.00	0.00	0.00	0.00	447.30	1.40	0.00
Mercer Generating Station, Hamilton Township, Mercer	385.50	0.00	0.00	0.00	0.00	0.00	385.50	0.00	0.00
B. L. England Generating Station, Beesleys Point, Cape May	233.00	0.40	0.00	0.00	0.00	0.00	233.40	50.00	0.00
Co-Steel Raritan, Perth Amboy, Middlesex	168.00	0.00	0.00	0.00	0.00	0.00	168.00	0.00	0.00
Valero Refining Co. N.J., Paulsboro, Gloucester	132.00	1.02	0.00	0.00	0.00	0.00	133.02	0.00	0.00
U S Pipe & Fndy. Co., Burlington, Burlington	76.00	0.00	0.00	0.00	0.00	0.00	76.00	0.00	54.00
American Stone-Mix Inc., Kenvil, Morris	66.00	0.00	0.00	0.00	0.00	0.00	66.00	0.00	0.00
Solutia Inc. Delaware River Plant, Bridgeport, Gloucester	47.98	12.00	0.00	0.00	0.00	0.00	59.98	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
Du Pont Chambers Works, Deepwater, Salem	0	707,150	0	0	48,492,715	3,400,044	3,658,889	56,258,798	0
Hudson Generating Station, Jersey City, Hudson	0	0	0	0	1,700,000	0	3,264,279	4,964,279	0
Bayway Refining Co., Linden, Union	0	22,486	0	0	12,974,180	232	2,988,097	15,984,995	19,196
Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	320,000	0	2,326,146	2,646,146	0
Eagle Point Cogeneration Ptnr. (EPCP), Westville, Gloucester	0	0	0	0	0	0	2,142,954	2,142,954	0
Penick Corp., Newark, Essex	33,446,600	0	0	0	0	1,725,304	1,737,976	36,909,880	0
U.S. Pipe & Fndy. Co., Burlington, Burlington	0	21,372	0	0	0	52,164	868,223	941,759	0
B. L. England Generating Station, Beesleys Point, Cape May	0	0	0	0	963,171	0	641,680	1,604,851	0
Roche Vitamins Inc., Belvidere, Warren	0	14,866	0	0	165,439	1	592,096	772,402	0
Ford Edison Assembly Plant, Edison, Middlesex	0	524,400	0	17,000	507,163	25,456	560,885	1,634,904	0

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

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
BMCA USIntec Div., North Branch, Somerset	0	0	0	0	0	0	5,060	5,060	0
Du Pont Chambers Works, Deepwater, Salem	0	0	0	0	131	0	1,145	1,276	0
Co-Steel Sayreville, Sayreville, Middlesex	0	0	0	0	0	0	575	575	0
Hudson Generating Station, Jersey City, Hudson	0	0	0	0	0	0	449	449	0
Mercer Generating Station, Hamilton Township, Mercer	0	0	0	0	0	0	386	386	0
B. L England Generating Station, Beesleys Point, Cape May	0	0	0	0	0	0	283	283	0
Co-Steel Raritan, Perth Amboy, Middlesex	0	100	0	0	0	0	184	284	0
U.S. Pipe & Fndy Co., Burlington, Burlington	0	36	0	0	0	54	166	256	0
PG&E Generating, Carneys Point, Salem	0	0	0	0	0	0	139	139	0
Valero Refining Co. N.J., Paulsboro, Gloucester	0	5	0	0	0	14	133	152	0

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

2000 Toxics Release Inventory

NEW MEXICO

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	744,730	121,744,300	122,489,030
Air Emissions	581,844	679,025	1,260,869
Surface Water Discharges	37,297	8,101	45,398
Underground Injection Class I Wells	895	0	895
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	124,694	121,057,174	121,181,868
Off-site Releases (Transfers Off-site to Disposal)*	94,661	2,625,522	2,720,183
Total On- and Off-site Releases	**839,391**	**124,369,822**	**125,209,213**
Recycled On-site	492,312	170,000	662,312
Recycled Off-site	1,923,985	343,191	2,267,176
Energy Recovery On-site	26,192,547	0	26,192,547
Energy Recovery Off-site	172,873	2,465	175,338
Treated On-site	5,128,098	3,390,737	8,518,835
Treated Off-site**	483,430	180,521	663,951
Quantity Released On- and Off-site***	987,354	127,704,448	128,691,802
Total Production-related Waste Managed	**35,380,598**	**131,791,362**	**167,171,961**
Non-production-related Waste Managed	**57**	**2,647,386**	**2,647,443**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	1,910,469	500,057	2,410,526
Energy Recovery	155,926	2,750	158,676
Treatment	62,353	14,959	77,312
Publicly Owned Treatment Works (POTWs)	644,754	0	644,754
Metals and Metal Compounds*	831	0	831
Non-metal TRI Chemicals**	643,923	0	643,923
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	93,834	5,039,042	5,132,876
Total Transfers Off-site for Further Waste Management/Disposal	**2,867,336**	**5,556,808**	**8,424,144**

* Transfers to POTWs of metals and metal 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 . . .

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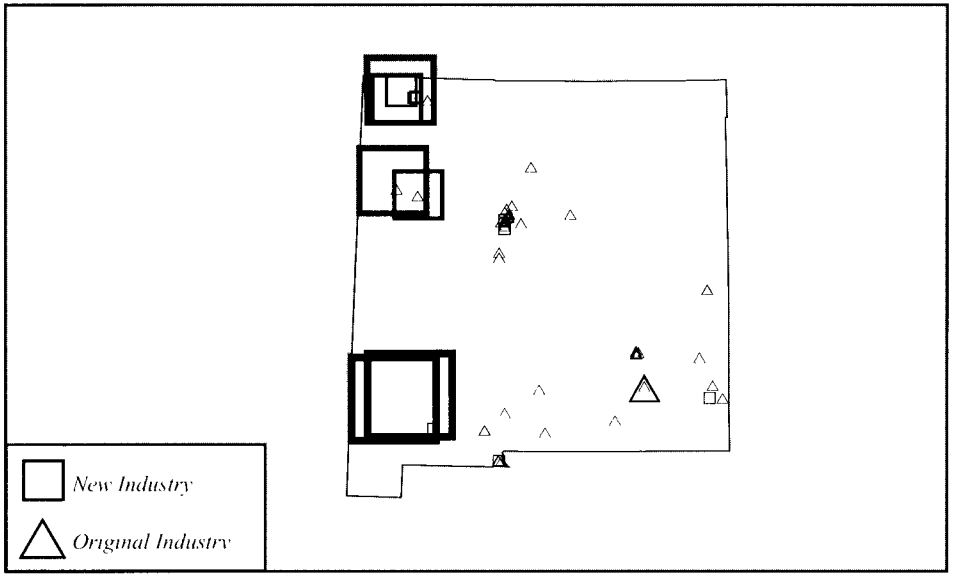

The largest marker in the state map represents the largest facility for on-site releases in the state of New Mexico All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,821,282
Square Miles	121,365
Total Facilities	62
Total Forms	315
Form As	22

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	49	6	17
Pounds	839,391	124,369,822	125,209,213
National Rank for Total On-site Releases**			
Rank	49	6	15
Pounds	744,730	121,744,300	122,489,030
National Rank for Total Releases within State***			
Rank	49	6	17
Pounds	871,155	124,371,173	125,242,328
National Rank for Production-related Waste Managed			
Rank	43	11	34
Pounds	35,380,598	131,791,362	167,171,961

* 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

2000 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**	**16,449**	**5,305**	**0**	**83,263,458**	**48,260**	**83,333,472**	**31,217**	**178,255**	**5**
—	Manganese compounds	4,300	420	0	10,873,006	210,000	11,087,726	0	430,000	0
—	**Lead compounds**	**2,595**	**3**	**0**	**10,084,989**	**23,869**	**10,111,456**	**16**	**132,429**	**1,440**
—	Barium compounds	11,634	0	0	2,856,436	2,103,800	4,971,870	0	3,601,500	2,300
—	**Zinc compounds**	**8,389**	**2,300**	**0**	**4,656,913**	**149,699**	**4,817,301**	**0**	**241,699**	**0**

* 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

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
—	**Mercury compounds**	**1,294.84**	**0.00**	**0.00**	**7,219.00**	**604.10**	**9,117.94**	**2.00**	**1,124.00**	**0.10**
7439-97-6	Mercury	107.60	0 60	0.00	598.00	10.60	716.80	0.00	0.00	10.60
—	**Polycyclic aromatic compounds**	**58.37**	**0.00**	**0.00**	**0.00**	**3.30**	**61.67**	**1.80**	**3.30**	**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**	**0.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**	**0.00**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*7 989*	*0 000*	*0 000*	*0.000*	*0 000*	*7.989*	*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

2000 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	9,127	0	0	0	0	65,590,568	65,599,695	0	1,440
Chino Mines Co., Hurley, Grant	117,952	0	0	0	0	48,217,315	48,335,267	0	0
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	0	0	0	0	0	2,646,699	2,646,699	0	0
BHP Navajo Coal Co , Fruitland, San Juan	0	0	0	0	0	2,435,520	2,435,520	0	0
Four Corners Steam Electric Station, Fruitland, San Juan	190,940	8,101	0	0	0	1,317,434	1,516,475	2,413,524	0
Tri-State Generation & Transmission Escalante Station, Prewitt, McKinley	104,322	0	0	0	0	812,993	917,314	0	0
San Juan Generating Station, Waterflow, San Juan	244,636	0	0	0	0	36,645	281,281	2,616,900	0
Navajo Refining Co., Artesia, Eddy	198,577	0	895	0	0	0	199,472	29,699	1,589
Giant Refining Co., Jamestown, Mc Kinley	101,747	0	0	0	0	9	101,757	45	0
F&A Dairy Prods. Inc., Las Cruces, Dona Ana	0	0	0	0	0	81,530	81,530	0	0

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

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
Chino Mines Co., Hurley, Grant	55.10	0.00	0.00	0.00	0.00	6,561.30	6,616.40	0.00	0.00
Four Corners Steam Electric Station, Fruitland, San Juan	622.23	0 00	0.00	0.00	0.00	34.00	656.23	524.00	0.00
San Juan Generating Station, Waterflow, San Juan	596.20	0.00	0.00	0.00	0.00	2.50	598.70	600.00	0.00
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	0.00	0.00	0.00	0.00	0.00	598.00	598.00	0.00	0 00
BHP Navajo Coal Co., Fruitland, San Juan	0.00	0.00	0.00	0.00	0.00	520.00	520.00	0.00	0.00
Tri-State Generation & Transmission Escalante Station, Prewitt, McKinley	31.53	0.00	0.00	0.00	0.00	92.80	124.33	0.00	0.00
Rio Grande Portland Cement Corp., Tijeras, Bernalillo	107.01	0.00	0.00	0.00	0.00	0.00	107.01	0.00	0.00
Navajo Refining Co., Artesia, Eddy	14.97	0.00	0.00	0.00	0.00	0.00	14.97	0.00	0.00
Phelps Dodge Tyrone Inc., Tyrone, Grant	14.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00
Safety-Kleen Sys. (700821), Farmington, San Juan	10.00	0 00	0.00	0.00	0.00	0.00	10.00	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
Phelps Dodge Tyrone Inc., Tyrone, Grant	0	0	0	0	0	165,300	65,598,187	65,763,487	575
Chino Mines Co., Hurley, Grant	170,000	22,800	0	0	0	0	49,148,856	49,341,656	0
Four Corners Steam Electric Station, Fruitland, San Juan	0	0	0	0	2,151,800	0	3,924,181	6,075,981	0
San Juan Generating Station, Waterflow, San Juan	0	0	0	0	463,000	0	2,974,595	3,437,595	0
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	0	0	0	0	0	0	2,670,977	2,670,977	2,646,699
BHP Navajo Coal Co., Fruitland, San Juan	0	0	0	0	0	0	2,437,096	2,437,096	0
Tri-State Generation & Transmission Escalante Station, Prewitt, Mc Kinley	0	0	0	0	333,000	0	917,355	1,250,355	0
Navajo Refining Co., Artesia, Eddy	334,362	0	26,192,547	0	1,238,472	0	229,001	27,994,382	0
Giant Refining Co., Jamestown, Mc Kinley	0	71	0	0	1	0	101,757	101,829	48
Foamex L.P., Santa Teresa, Dona Ana	0	0	0	0	0	357	72,384	72,741	0

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

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
Chino Mines Co., Hurley, Grant	0	0	0	0	0	0	6,646	6,646	0
San Juan Generating Station, Waterflow, San Juan	0	0	0	0	0	0	1,195	1,195	0
Four Corners Steam Electric Station, Fruitland, San Juan	0	0	0	0	231,800	0	1,181	232,981	0
San Juan Coal Co. San Juan Mine, Waterflow, San Juan	0	0	0	0	0	0	598	598	598
BHP Navajo Coal Co., Fruitland, San Juan	0	0	0	0	0	0	520	520	0
Tri-State Generation & Transmission Escalante Station, Prewitt, Mc Kinley	0	0	0	0	0	0	125	125	0
Rio Grande Portland Cement Corp., Tijeras, Bernalillo	0	0	0	0	0	0	107	107	0
U.S. DOE Los Alamos Natl. Laboratory, Los Alamos, Los Alamos	0	10	0	0	0	0	21	31	0
Navajo Refining Co., Artesia, Eddy	0	0	0	0	0	0	15	15	0
Phelps Dodge Tyrone Inc., Tyrone, Grant	0	0	0	0	0	0	14	14	0

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

2000 Toxics Release Inventory

NEW YORK

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	24,890,573	25,756,836	50,647,409
Air Emissions	15,874,447	17,450,844	33,325,291
Surface Water Discharges	8,626,031	366,529	8,992,560
Underground Injection Class I Wells	250	0	250
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	3,779	5,808,800	5,812,579
Other On-site Land Releases	386,066	2,130,664	2,516,730
Off-site Releases (Transfers Off-site to Disposal)*	5,498,741	4,390,117	9,888,859
Total On- and Off-site Releases	**30,389,315**	**30,146,954**	**60,536,268**
Recycled On-site	164,293,280	55,500	164,348,780
Recycled Off-site	78,794,553	471,630	79,266,182
Energy Recovery On-site	23,489,122	13,000	23,502,122
Energy Recovery Off-site	4,184,320	70,110	4,254,430
Treated On-site	107,705,793	7,773,291	115,479,084
Treated Off-site**	14,165,199	276,359	14,441,558
Quantity Released On- and Off-site***	33,985,964	30,235,316	64,221,280
Total Production-related Waste Managed	**426,618,231**	**38,895,206**	**465,513,437**
Non-production-related Waste Managed	**188,408**	**4,493**	**192,901**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	82,264,105	475,511	82,739,616
Energy Recovery	3,867,101	69,922	3,937,023
Treatment	4,948,079	280,932	5,229,011
Publicly Owned Treatment Works (POTWs)	11,105,921	597	11,106,518
Metals and Metal Compounds*	188,378	126	188,504
Non-metal TRI Chemicals**	10,917,544	471	10,918,015
Other Off-site Transfers****	613,966	0	613,966
Transfers Off-site to Disposal *(not including metals to POTWs)*	6,608,356	4,390,684	10,999,040
Total Transfers Off-site for Further Waste Management/Disposal	**109,407,528**	**5,217,647**	**114,625,175**

* Transfers to POTWs of metals and metal 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

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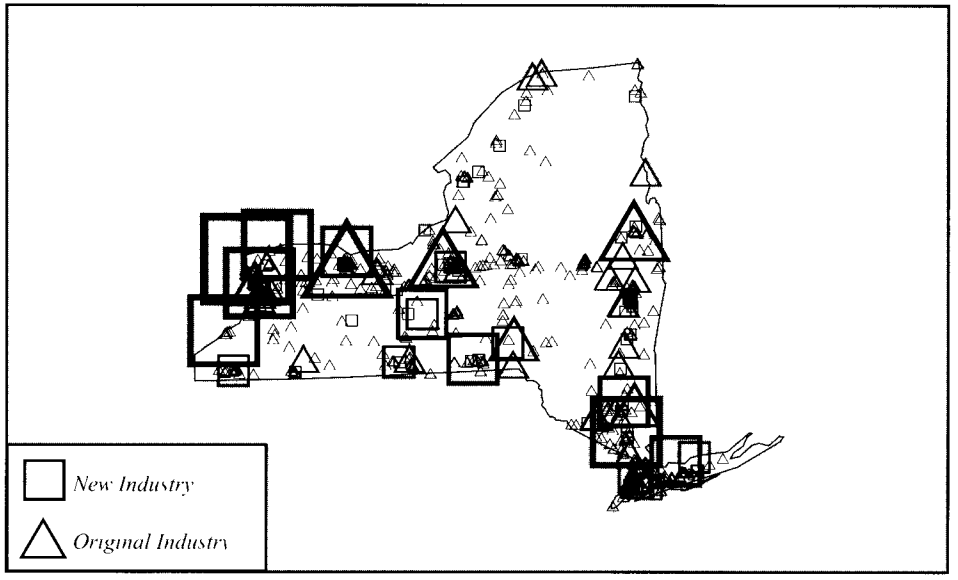

The largest marker in the state map represents the largest facility for on-site releases in the state of New York All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	18,989,332
Square Miles	47,224
Total Facilities	737
Total Forms	2,675
Form As	425

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	25	24	28
Pounds	30,389,315	30,146,954	60,536,268
National Rank for Total On-site Releases**			
Rank	25	25	28
Pounds	24,890,573	25,756,836	50,647,409
National Rank for Total Releases within State***			
Rank	26	26	28
Pounds	29,575,115	26,569,689	56,144,805
National Rank for Production-related Waste Managed			
Rank	17	30	21
Pounds	426,618,231	38,895,206	465,513,437

* 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

2000 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	13,711,375	0	0	0	98,911	13,810,286	0	0	98,911
—	Nitrate compounds	1,565	8,128,968	0	163,031	499,573	8,793,137	55	180,566	319,007
7664-93-9	Sulfuric acid	5,015,362	0	250	0	37,950	5,053,562	0	0	37,950
—	Barium compounds	88,957	153,067	0	1,619,478	1,073,680	2,935,182	209,604	946,909	499,131
7429-90-5	Aluminum (fume or dust)	19,626	0	0	29,685	2,652,570	2,701,881	941	81,964	2,570,606

* 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

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
1336-36-3	Polychlorinated biphenyls (PCBs)	330.50	1.03	0.00	499,300.00	207.10	499,838.63	296.89	922.40	162.20
—	Polycyclic aromatic compounds	32,330.55	35.81	0.00	956.87	992.20	34,315.43	15.09	1,038.58	34 62
79-94-7	Tetrabromobisphenol A	60.21	0.00	0.00	0.00	14,465.30	14,525.51	0.00	14,465.30	0.00
—	Mercury compounds	952.13	55 07	0 00	1,687.61	1,190.35	3,885.16	10,397.00	600.05	590.30
191-24-2	Benzo(g,h,i)perylene	2,469.27	1.00	0.00	50.26	3.66	2,524.19	0.00	3.66	0.00
7439-97-6	Mercury	414.80	0 48	0 00	40.00	540.44	995.72	186.41	6.40	534.04
118-74-1	Hexachlorobenzene	0.31	0.30	0.00	0.00	25.40	26.01	0.00	25.40	0.00
—	Dioxin and dioxin-like compounds	0.07	0.01	0.00	0.00	0.13	0 22	0.06	0.13	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*32.594*	*6.287*	*0.000*	*0.377*	*59.078*	*98.336*	*25.270*	*58.918*	*0.160*
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	—***	—	—	—	—	—	—	—	—
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

2000 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							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
CWM Chemical Services L.L.C, Model City, Niagara	**8**	**2,819**	**0**	**0**	**5,808,800**	**0**	**5,811,627**	**50**	**15,950**
Eastman Kodak Co. Kodak Park, Rochester, Monroe	4,247,551	681,288	0	0	0	116	4,928,955	48,116	3,409
C. R. Huntley Steam Station, Tonawanda, Erie	**3,094,166**	**197,061**	**0**	**0**	**0**	**0**	**3,291,227**	**87,016**	**0**
NRG Energy Inc. Dunkirk Steam Station, Dunkirk, Chautauqua	3,043,847	148,250	0	0	0	0	3,192,097	88,408	0
Finch Pruyn & Co. Inc., Glens Falls, Warren	**193,008**	**2,717,000**	**0**	**0**	**0**	**0**	**2,910,008**	**70,981**	**0**
Anheuser-Busch Inc., Baldwinsville, Onondaga	24,204	2,797,899	0	0	0	0	2,822,103	0	0
AES Somerset L.L.C., Barker, Niagara	**277,225**	**3,460**	**0**	**0**	**0**	**1,844,210**	**2,124,895**	**0**	**0**
Southern Energy Lovett Generating Station, Tomkins Cove, Rockland	1,873,127	852	0	0	0	0	1,873,979	227,830	120,866
Russell Station, Rochester, Monroe	**1,718,511**	**42**	**0**	**0**	**0**	**0**	**1,718,553**	**306**	**0**
Danskammer Generating Facility, Newburgh, Orange	1,416,057	90	0	0	0	59,099	1,475,246	0	0

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

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
CWM Chemical Services L.L.C, Model City, Niagara	**1.00**	**4.00**	**0.00**	**0.00**	**500,820.00**	**0.00**	**500,825.00**	**0.00**	**286.00**
Reynolds Metals Co. St. Lawrence Reduction Plant, Massena, St Lawrence	14,250.00	10.00	0 00	0.00	0.00	0.00	14,260.00	0.00	0.00
Northrop Grumman Corp., Bethpage, Nassau	**8,587.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**8,587.00**	**0.00**	**0.00**
Beech-Nut Nutrition Corp., Canajoharie, Montgomery	2,504.00	0.00	0.00	0.00	0.00	0.00	2,504.00	0.00	0.00
SGL Carbon L.L.C., Niagara Falls, Niagara	**1,222.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,222.00**	**0.00**	**0.00**
Alcoa Inc., Massena, St Lawrence	1,198.00	0 00	0.00	0.00	0 00	0.00	1,198.00	0.00	0.00
Interface Solutions Inc. Fulton Plant, Fulton, Oswego	**1,165.30**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,165.30**	**0.00**	**0.00**
Nabisco Inc. Mike-Bone Bakery, Buffalo, Erie	1,160.00	0.00	0.00	0.00	0.00	0.00	1,160.00	0.00	0.00
International Wire Group Camden Wire Facility, Camden, Oneida	**1,111.60**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,111.60**	**0.00**	**0.00**
Bethlehem Steel Corp. Lackawanna Coke Div., Lackawanna, Erie	980 00	13.00	0.00	0.00	0.00	0.00	993.00	0.00	0.00

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

2000 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
CWM Chemical Services L.L.C, Model City, Niagara	0	783	0	440	26,500	142,490	5,828,077	5,998,290	0
Eastman Kodak Co Kodak Park, Rochester, Monroe	0	1,305,889	0	72,130	32,771,736	159,467	5,011,287	39,320,509	0
Nucor Steel Auburn Inc., Auburn, Cayuga	0	3,436,530	0	0	0	0	3,441,504	6,878,034	0
C R. Huntley Steam Station, Tonawanda, Erie	0	0	0	0	822,015	0	3,379,293	4,201,308	0
CH Resources Niagara Falls, Niagara Falls, Niagara	0	0	0	0	0	0	3,285,113	3,285,113	0
NRG Energy Inc Dunkirk Steam Station, Dunkirk, Chautauqua	0	0	0	0	719,014	0	3,280,322	3,999,336	0
Finch Pruyn & Co. Inc., Glens Falls, Warren	0	0	0	0	3,940,000	0	2,980,235	6,920,235	0
Anheuser-Busch Inc., Baldwinsville, Onondaga	0	0	0	0	131,217	21	2,822,230	2,953,468	0
Southern Energy Lovett Generating Station, Tomkins Cove, Rockland	0	0	0	0	0	0	2,222,674	2,222,674	0
AES Somerset L.L C., Barker, Niagara	0	0	0	0	3,250,000	0	2,129,230	5,379,230	0

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

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	737	0	0	0	119,270	501,153	621,160	0
Reynolds Metals Co. St. Lawrence Reduction Plant, Massena, St Lawrence	0	0	0	0	108,000	2,280	12,600	122,880	878
Dexter Electronic Materials Loctite Corp., Olean, Cattaraugus	0	0	0	0	0	15	11,543	11,558	0
Northrop Grumman Corp., Bethpage, Nassau	0	0	0	0	0	0	8,587	8,587	0
Sprague Albany NY, East Greenbush, Rensselaer	0	3,802	0	0	0	0	3,802	7,604	0
Isola Laminate Sys., Hoosick Falls, Rensselaer	0	0	0	0	0	0	3,039	3,039	0
Beech-Nut Nutrition Corp., Canajoharie, Montgomery	0	0	0	0	0	0	2,504	2,504	0
SGL Carbon L.L.C., Niagara Falls, Niagara	0	0	0	0	0	0	1,222	1,222	0
Alcoa Inc., Massena, St Lawrence	47,000	0	0	0	1,600	0	1,200	49,800	0
Interface Solutions Inc. Fulton Plant, Fulton, Oswego	0	0	0	0	0	0	1,165	1,165	0

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

2000 Toxics Release Inventory

NORTH CAROLINA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	51,205,279	94,901,930	146,107,209
Air Emissions	40,311,864	85,349,122	125,660,985
Surface Water Discharges	9,037,887	127,482	9,165,369
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	273,193	0	273,193
Other On-site Land Releases	1,582,335	9,425,327	11,007,661
Off-site Releases (Transfers Off-site to Disposal)*	10,725,142	447,459	11,172,601
Total On- and Off-site Releases	**61,930,420**	**95,349,390**	**157,279,810**
Recycled On-site	285,799,635	111	285,799,746
Recycled Off-site	79,860,861	776,126	80,636,986
Energy Recovery On-site	19,200,248	52	19,200,300
Energy Recovery Off-site	9,426,660	485,640	9,912,300
Treated On-site	237,964,821	3,206,401	241,171,222
Treated Off-site**	6,984,042	2,210,761	9,194,803
Quantity Released On- and Off-site***	60,498,002	95,443,199	155,941,201
Total Production-related Waste Managed	**699,734,269**	**102,122,289**	**801,856,558**
Non-production-related Waste Managed	**36,652**	**3,350**	**40,002**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	74,859,316	776,586	75,635,902
Energy Recovery	8,482,461	484,806	8,967,267
Treatment	4,375,027	2,205,502	6,580,529
Publicly Owned Treatment Works (POTWs)	3,421,628	41,515	3,463,143
Metals and Metal Compounds*	146,682	15	146,697
Non-metal TRI Chemicals**	3,274,946	41,500	3,316,446
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	10,938,350	538,647	11,476,997
Total Transfers Off-site for Further Waste Management/Disposal	**102,076,783**	**4,047,056**	**106,123,838**

* Transfers to POTWs of metals and metal 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

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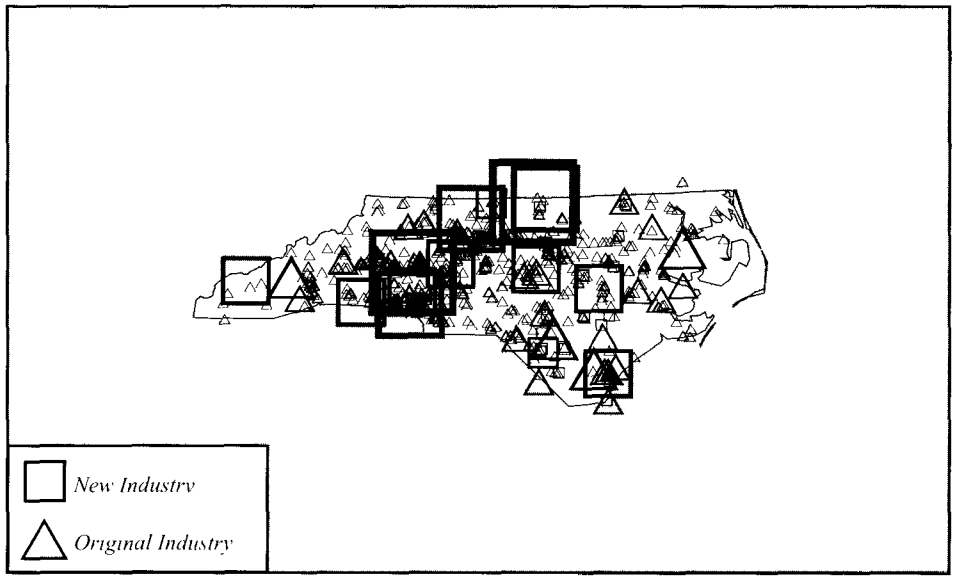

The largest marker in the state map represents the largest facility for on-site releases in the state of North Carolina All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	8,077,367
Square Miles	48,718
Total Facilities	863
Total Forms	2,933
Form As	550

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	12	7	10
Pounds	61,930,420	95,349,390	157,279,810
National Rank for Total On-site Releases**			
Rank	14	7	10
Pounds	51,205,279	94,901,930	146,107,209
National Rank for Total Releases within State***			
Rank	14	7	13
Pounds	59,302,932	95,079,236	154,382,169
National Rank for Production-related Waste Managed			
Rank	9	16	12
Pounds	699,734,269	102,122,289	801,856,558

* 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

2000 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	79,832,737	5	0	0	597,490	80,430,232	0	0	597,490
67-56-1	Methanol	10,158,061	93,434	0	14,102	37,210	10,302,807	421	32,140	5,070
—	Nitrate compounds	17	7,913,444	0	55,770	5,341	7,974,572	2,240	0	5,341
7664-39-3	Hydrogen fluoride	5,443,389	5	0	0	0	5,443,394	3,152	0	0
—	Barium compounds	42,547	56,528	0	4,218,768	435,907	4,753,750	114,295	279,043	167,864

* 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

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	75,697.14	139.61	0.00	31,814.20	7,700.72	115,351.67	133.00	7,618.82	81.90
—	Mercury compounds	3,138.71	21.46	0.00	1,407.80	384.40	4,952.37	48.60	319 50	68.00
191-24-2	Benzo(g,h,i)perylene	626.84	16.40	0.00	246.30	65.73	955.28	0.00	59.03	6.70
7439-97-6	Mercury	396.43	1.60	0.00	417.40	22.00	837.43	0.10	0.00	22.00
1336-36-3	Polychlorinated biphenyls (PCBs)	731.00	0.00	0.00	0.00	0.00	731.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0 15	0 01	0.00	0.01	1.35	1 51	0.00	1.35	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*68.974*	*3.462*	*0.000*	*2.665*	*610.993*	*686.093*	*0.000*	*610.827*	*0.166*
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	—***	—	—	—	—	—	—	—	—
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

2000 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							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
CP&L Roxboro Steam Electric Plant, Semora, Person	**19,247,325**	**7,797**	**0**	**0**	**0**	**1,933,053**	**21,188,175**	**119**	**0**
Duke Energy Marshall Steam Station, Terrell, Catawba	14,580,195	24,251	0	0	0	1,940,320	16,544,766	62	0
Duke Energy Belews Creek Steam Station, Belews Creek, Stokes	**11,399,720**	**7,106**	**0**	**0**	**0**	**708,184**	**12,115,010**	**115**	**0**
CP&L Mayo Electric Generating Plant, Roxboro, Person	9,360,057	7,858	0	0	0	823,096	10,191,011	38,753	0
Duke Energy Plant Allen, Belmont, Gaston	**5,993,780**	**23,523**	**0**	**0**	**0**	**1,080,160**	**7,097,463**	**0**	**50**
Smithfield Packing Co Inc Tar Heel Div., Tar Heel, Bladen	32,665	5,129,795	0	0	0	0	5,162,460	0	0
CP&L V. Sutton Plant, Wilmington, New Hanover	**4,425,310**	**2,784**	**0**	**0**	**0**	**477,090**	**4,905,183**	**0**	**0**
Duke Energy Cliffside Steam Station, Mooresboro, Rutherford	4,328,650	27,902	0	0	0	499,110	4,855,662	50	0
International Paper, Riegelwood, Columbus	**3,065,593**	**289,484**	**0**	**0**	**264,734**	**0**	**3,619,811**	**0**	**0**
Cape Fear Steam Electric Plant, Moncure, Chatham	2,847,997	212	0	0	0	282,071	3,130,280	0	0

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

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
CP&L Asheville Plant, Arden, Buncombe	**191.00**	**0.70**	**0.00**	**0.00**	**0.00**	**32,010.00**	**32,201.70**	**0.00**	**0.00**
Campbell Soup Supply Co., Maxton, Robeson	22,944.00	0.00	0.00	0.00	0.00	0.00	22,944.00	0.00	0.00
Arteva Specialties (dba Kosa - Salisbur Plant), Salisbury, Rowan	**20,437.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20,437.00**	**0.00**	**7.00**
Wayne Farms L.L.C./Dobson, Dobson, Surry	9,089.00	0.00	0.00	0.00	0.00	0.00	9,089.00	0.00	0.00
Springs Ind. Aileen Plant, Biscoe, Montgomery	**5,782.30**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,782.30**	**0.00**	**0.00**
Springs Ind. Springfield Plant, Laurel Hill, Scotland	3,393.71	0.00	0.00	0.00	0.00	0.00	3,393.71	0.00	0.00
SGL Carbon L.L.C., Morganton, Burke	**2,720.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,720.00**	**0.00**	**0.00**
Clariant Corp., Charlotte, Mecklenburg	2,557.00	0.00	0.00	0.00	0.00	0.00	2,557.00	0.00	0.00
Dean Pickle & Specialty Prods., Faison, Duplin	**2,526.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,526.00**	**0.00**	**0.00**
Celanese Acetate L.L.C. Dreyfus Research Park, Charlotte, Mecklenburg	1,651.00	0.00	0.00	0.00	0.00	0.00	1,651.00	0.00	0.00

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

2000 Toxics Release Inventory

NORTH CAROLINA

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	21,173,836	21,173,837	107
Duke Energy Marshall Steam Station, Terrell, Catawba	0	0	0	0	60,000	0	16,547,670	16,607,670	0
Duke Energy Belews Creek Steam Station, Belews Creek, Stokes	0	0	0	0	156,000	0	12,114,090	12,270,090	0
CP&L Mayo Electric Generating Plant, Roxboro, Person	0	0	1	0	0	0	10,218,472	10,218,473	0
Duke Energy Plant Allen, Belmont, Gaston	0	0	0	0	40,000	0	7,099,410	7,139,410	0
Smithfield Packing Co. Inc. Tar Heel Div., Tar Heel, Bladen	0	0	0	0	2,536,314	0	5,162,460	7,698,774	0
CP&L V. Sutton Plant, Wilmington, New Hanover	0	0	0	0	0	0	4,903,284	4,903,284	0
Duke Energy Cliffside Steam Station, Mooresboro, Rutherford	0	0	0	0	42,000	0	4,858,490	4,900,490	0
International Paper, Riegelwood, Columbus	0	0	0	0	19,354,940	0	3,619,813	22,974,753	0
Blue Ridge Paper Prods. Inc., Canton, Haywood	0	0	10,261,697	0	5,190,102	0	3,154,368	18,606,167	0

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

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
Campbell Soup Supply Co., Maxton, Robeson	0	0	0	0	0	0	22,944	22,944	0
Arteva Specialties (dba Kosa - Salisbur Plant), Salisbury, Rowan	0	0	0	0	0	0	20,444	20,444	0
Wayne Farms L.L.C./Dobson, Dobson, Surry	0	0	0	0	0	0	9,089	9,089	0
Michelin Aircraft Tire Corp., Norwood, Stanly	8,700	6,200	0	0	0	0	7,100	22,000	0
Springs Ind. Aileen Plant, Biscoe, Montgomery	0	0	0	0	0	0	5,782	5,782	0
Springs Ind. Springfield Plant, Laurel Hill, Scotland	0	0	0	0	0	0	3,394	3,394	0
SGL Carbon L.L.C., Morganton, Burke	0	0	0	0	464,000	0	2,720	466,720	0
Clariant Corp., Charlotte, Mecklenburg	0	0	0	0	0	0	2,557	2,557	0
Dean Pickle & Specialty Prods., Faison, Duplin	0	0	0	0	0	0	2,526	2,526	0
Celanese Acetate L.L.C. Dreyfus Research Park, Charlotte, Mecklenburg	0	0	0	0	0	0	1,651	1,651	0

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

2000 Toxics Release Inventory

NORTH DAKOTA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	2,192,935	11,897,197	14,090,132
Air Emissions	2,147,725	1,139,603	3,287,328
Surface Water Discharges	42,346	83,493	125,839
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	2,864	10,674,101	10,676,965
Off-site Releases (Transfers Off-site to Disposal)*	36,028	10,074,258	10,110,286
Total On- and Off-site Releases	**2,228,963**	**21,971,456**	**24,200,419**
Recycled On-site	6,825	0	6,825
Recycled Off-site	615,563	2,900	618,463
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	17,481	0	17,481
Treated On-site	4,578,438	1,157,280	5,735,718
Treated Off-site**	489,915	1,402	491,317
Quantity Released On- and Off-site***	2,216,515	22,010,783	24,227,297
Total Production-related Waste Managed	**7,924,738**	**23,172,365**	**31,097,102**
Non-production-related Waste Managed	**0**	**0**	**0**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	718,088	2,900	720,988
Energy Recovery	41,999	0	41,999
Treatment	4,115	0	4,115
Publicly Owned Treatment Works (POTWs)	467,854	0	467,854
Metals and Metal Compounds*	526	0	526
Non-metal TRI Chemicals**	467,328	0	467,328
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	35,510	10,074,258	10,109,768
Total Transfers Off-site for Further Waste Management/Disposal	**1,267,566**	**10,077,158**	**11,344,724**

* Transfers to POTWs of metals and metal 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 . . .

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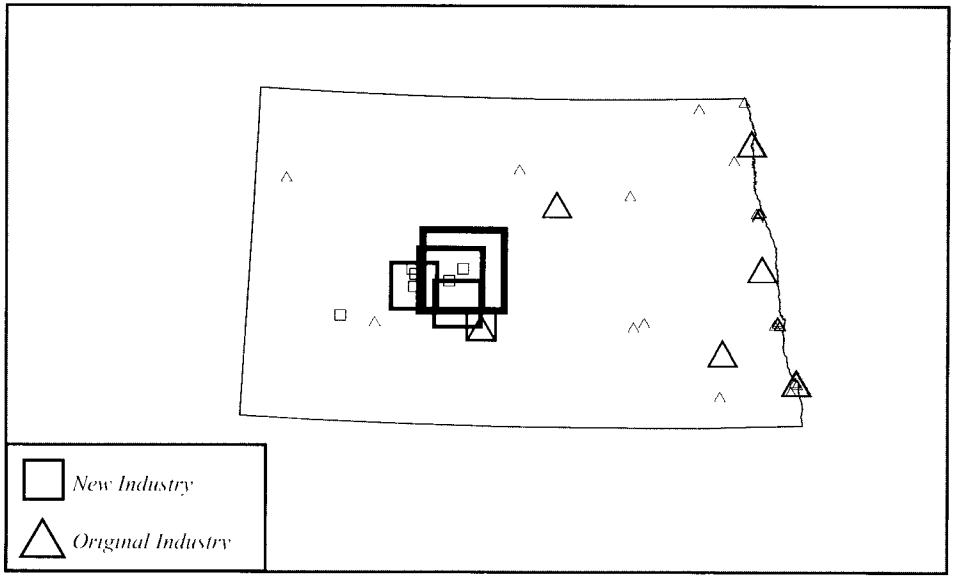
To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of North Dakota All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	640,919
Square Miles	68,994
Total Facilities	44
Total Forms	216
Form As	35

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	46	28	40
Pounds	2,228,963	21,971,456	24,200,419
National Rank for Total On-site Releases**			
Rank	46	32	42
Pounds	2,192,935	11,897,197	14,090,132
National Rank for Total Releases within State***			
Rank	46	29	40
Pounds	2,224,301	21,970,234	24,194,535
National Rank for Production-related Waste Managed			
Rank	49	35	47
Pounds	7,924,738	23,172,365	31,097,102

* 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

2000 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**	**42,678**	**29,518**	**0**	**7,628,002**	**7,851,103**	**15,551,301**	**180**	**7,851,103**	**0**
—	Manganese compounds	15,391	19,703	0	1,761,304	1,268,128	3,064,526	0	1,268,128	0
7664-41-7	**Ammonia**	**857,396**	**9,127**	**0**	**140,644**	**150**	**1,007,317**	**0**	**0**	**150**
110-54-3	n-Hexane	566,313	0	0	0	0	566,313	0	0	0
7664-39-3	**Hydrogen fluoride**	**417,226**	**0**	**0**	**0**	**0**	**417,226**	**0**	**0**	**0**

* 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

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
—	**Mercury compounds**	**2,206.50**	**0.10**	**0.00**	**241.30**	**364.30**	**2,812.20**	**0.00**	**355.00**	**9.30**
—	Polycyclic aromatic compounds	274.28	0.00	0.00	15 90	7.67	297.85	0.00	7.67	0.00
7439-97-6	**Mercury**	**262.60**	**0.00**	**0.00**	**0.00**	**0.00**	**262.60**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	0.85	0 00	0.00	0.80	0.11	1.76	0.00	0.11	0.00
—	**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)*	*7.683*	*0 000*	*0 000*	*0.790*	*0.000*	*8.473*	*0.000*	*0 000*	*0.000*
1582-09-8	**Trifluralin**	**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**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	**Heptachlor**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	**Isodrin**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	**Octachlorostyrene**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
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

2000 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	313,885	33,879	0	0	0	5,851,546	6,199,310	602,709	0
Leland Olds Station, Stanton, Mercer	124,527	1,739	0	0	0	2,314,942	2,441,208	807,366	0
Otter Tail Power Co. Coyote Station, Beulah, Mercer	33,386	45	0	0	0	1,380,386	1,413,817	265,889	0
Milton R. Young Station, Center, Oliver	203,984	0	0	0	0	799,302	1,003,286	2,826,796	0
R. M. Heskett Station, Mandan, Morton	249,360	5	0	0	0	188,031	437,397	13,302	0
American Crystal Sugar Co., Hillsboro, Traill	415,650	250	0	0	0	0	415,900	0	0
BP Mandan Refy., Mandan, Morton	378,195	386	0	0	0	2,114	380,695	0	814
ADM Processing, Velva, Mc Henry	265,083	0	0	0	0	0	265,083	0	0
ADM Northern Sun Div., Enderlin, Ransom	259,330	0	0	0	0	0	259,330	0	0
Minn-Dak Farmers Co-op., Wahpeton, Richland	220,019	34,664	0	0	0	0	254,683	0	0

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

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	835.20	0.00	0.00	0.00	0.00	151.70	986.90	3.00	0.00
Antelope Valley Station, Beulah, Mercer	460.00	0.00	0.00	0.00	0.00	0.00	460.00	250.00	0 00
Milton R. Young Station, Center, Oliver	402.12	0.00	0.00	0.00	0.00	2.00	404.12	4.00	0.00
Otter Tail Power Co Coyote Station, Beulah, Mercer	281.20	0.10	0.00	0.00	0.00	76.00	357.30	3.70	0.00
Knife River Corp. Bealah Mine, Beulah, Mercer	250.00	0.00	0.00	0.00	0.00	0.00	250.00	0.00	0.00
BP Mandan Refy., Mandan, Morton	222.40	0.00	0.00	0.00	0.00	0.90	223.30	0.00	9.30
Leland Olds Station, Stanton, Mercer	160.00	0.00	0.00	0.00	0.00	2.00	162.00	66.00	0.00
Great River Energy Stanton Station, Stanton, Mercer	94.31	0.00	0.00	0.00	0.00	0.00	94.31	32.57	0.00
R. M. Heskett Station, Mandan, Morton	26.40	0.00	0.00	0.00	0.00	25.40	51.80	2.20	0.00
Minn-Dak Farmers Co-op., Wahpeton, Richland	12.60	0.00	0.00	0 00	0.00	0.00	12.60	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
Great River Energy Coal Creek Station, Underwood, Mc Lean	0	0	0	0	195,800	0	6,785,233	6,981,033	0
Antelope Valley Station, Beulah, Mercer	0	0	0	0	0	0	4,952,710	4,952,710	0
Milton R. Young Station, Center, Oliver	0	0	0	0	0	0	3,828,407	3,828,407	0
Leland Olds Station, Stanton, Mercer	0	0	0	0	0	0	3,232,230	3,232,230	0
Otter Tail Power Co. Coyote Station, Beulah, Mercer	0	0	0	0	772,480	0	1,777,961	2,550,441	0
Great River Energy Stanton Station, Stanton, Mercer	0	0	0	0	0	0	845,502	845,502	0
R. M. Heskett Station, Mandan, Morton	0	2,900	0	0	189,000	0	448,133	640,033	0
American Crystal Sugar Co., Hillsboro, Traill	0	0	0	0	415,400	0	415,400	830,800	0
BP Mandan Refy., Mandan, Morton	6,310	1,184	0	0	1,504,500	223	379,976	1,892,194	0
ADM Processing, Velva, Mc Henry	0	0	0	0	0	0	265,083	265,083	0

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

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	0	0	0	0	0	995	995	0
Antelope Valley Station, Beulah, Mercer	0	0	0	0	0	0	710	710	0
Milton R. Young Station, Center, Oliver	0	0	0	0	0	0	407	407	0
Otter Tail Power Co. Coyote Station, Beulah, Mercer	0	0	0	0	62,480	0	361	62,841	0
Leland Olds Station, Stanton, Mercer	0	0	0	0	0	0	230	230	0
BP Mandan Refy., Mandan, Morton	0	2	0	0	0	0	230	233	0
Great River Energy Stanton Station, Stanton, Mercer	0	0	0	0	0	0	127	127	0
R. M. Heskett Station, Mandan, Morton	0	0	0	0	0	0	54	54	0
Minn-Dak Farmers Co-op., Wahpeton, Richland	0	0	0	0	0	0	13	13	0
Koch Materials Co. Fargo, West Fargo, Cass	0	0	0	0	0	0	1	1	0

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

2000 Toxics Release Inventory

NORTHERN MARIANAS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	0	7,990	7,990
Air Emissions	0	7,990	7,990
Surface Water Discharges	0	0	0
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	0	0	0
Off-site Releases (Transfers Off-site to Disposal)*	0	0	0
Total On- and Off-site Releases	**0**	**7,990**	**7,990**
Recycled On-site	0	0	0
Recycled Off-site	0	0	0
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	0	0	0
Treated On-site	0	0	0
Treated Off-site**	0	0	0
Quantity Released On- and Off-site***	0	7,990	7,990
Total Production-related Waste Managed	**0**	**7,990**	**7,990**
Non-production-related Waste Managed	**0**	**0**	**0**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	0	0	0
Energy Recovery	0	0	0
Treatment	0	0	0
Publicly Owned Treatment Works (POTWs)	0	0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	0	0	0
Total Transfers Off-site for Further Waste Management/Disposal	**0**	**0**	**0**

* Transfers to POTWs of metals and metal 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 . . .

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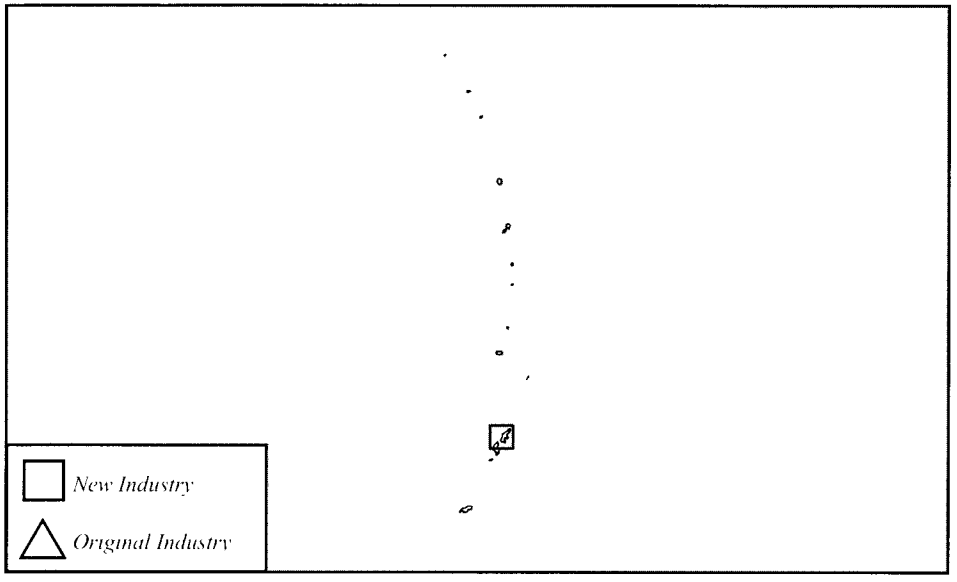

The largest marker in the map represents the largest facility for on-site releases in Northern Marianas All markers are proportionally-sized to represent the on-site releases at each facility within this territory

State/TRI Data	
Population	69,221
Square Miles	179
Total Facilities	2
Total Forms	14
Form As	0

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	—	54	56
Pounds	0	7,990	7,990
National Rank for Total On-site Releases**			
Rank	—	54	56
Pounds	0	7,990	7,990
National Rank for Total Releases within State***			
Rank	—	54	56
Pounds	0	7,990	7,990
National Rank for Production-related Waste Managed			
Rank	—	54	56
Pounds	0	7,990	7,990

* 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

2000 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**	**2,746**	**0**	**0**	**0**	**0**	**2,746**	**0**	**0**	**0**
110-54-3	n-Hexane	1,836	0	0	0	0	1,836	0	0	0
1330-20-7	**Xylene (mixed isomers)**	**1,778**	**0**	**0**	**0**	**0**	**1,778**	**0**	**0**	**0**
71-43-2	Benzene	1,240	0	0	0	0	1,240	0	0	0
100-41-4	**Ethylbenzene**	**390**	**0**	**0**	**0**	**0**	**390**	**0**	**0**	**0**

* 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

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**	**0.16**	**0.00**	**0.00**	**0.00**	**0.00**	**0.16**	**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**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
7439-97-6	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

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
ExxonMobil Oil Corp. Saipan Terminal, Saipan, Saipan	6,974	0	0	0	0	0	6,974	0	0
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	1,016	0	0	0	0	0	1,016	0	0

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

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
ExxonMobil Oil Corp. Saipan Terminal, Saipan, Saipan	0.13	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	0.03	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00

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

2000 Toxics Release Inventory

NORTHERN MARIANAS

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**	**6,974**	**6,974**	**0**
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	0	0	0	0	0	0	1,016	1,016	0

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

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
ExxonMobil Oil Corp. Saipan Terminal, Saipan, Saipan	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ExxonMobil Oil Corp. Saipan Aviation Terminal, Saipan, Saipan	0	0	0	0	0	0	0	0	0

Note: Facilities listed reported less than 1 pound of total production-related waste

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

2000 Toxics Release Inventory

OHIO

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	95,508,146	134,110,781	229,618,927
Air Emissions	59,142,600	85,706,686	144,849,286
Surface Water Discharges	7,505,742	164,446	7,670,188
Underground Injection Class I Wells	13,355,827	16,932,740	30,288,567
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	46,777	16,888,200	16,934,977
Other On-site Land Releases	15,457,199	14,418,709	29,875,909
Off-site Releases (Transfers Off-site to Disposal)*	41,567,698	11,833,371	53,401,069
Total On- and Off-site Releases	**137,075,843**	**145,944,153**	**283,019,996**
Recycled On-site	189,659,191	39,074,684	228,733,875
Recycled Off-site	179,927,916	2,056,333	181,984,249
Energy Recovery On-site	94,899,826	0	94,899,826
Energy Recovery Off-site	29,201,731	17,465,475	46,667,206
Treated On-site	144,185,150	84,842,291	229,027,441
Treated Off-site**	34,532,466	4,478,664	39,011,130
Quantity Released On- and Off-site***	144,612,656	145,896,718	290,509,374
Total Production-related Waste Managed	**817,018,936**	**293,814,165**	**1,110,833,101**
Non-production-related Waste Managed	**138,339**	**65,480**	**203,819**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	180,178,832	1,616,832	181,795,664
Energy Recovery	28,945,181	17,887,031	46,832,212
Treatment	11,877,535	4,299,160	16,176,694
Publicly Owned Treatment Works (POTWs)	22,901,289	168,559	23,069,848
Metals and Metal Compounds*	312,502	837	313,339
Non-metal TRI Chemicals**	22,588,787	167,722	22,756,509
Other Off-site Transfers****	32,604	0	32,604
Transfers Off-site to Disposal *(not including metals to POTWs)*	48,113,510	12,111,106	60,224,616
Total Transfers Off-site for Further Waste Management/Disposal	**292,048,951**	**36,082,688**	**328,131,639**

* Transfers to POTWs of metals and metal 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

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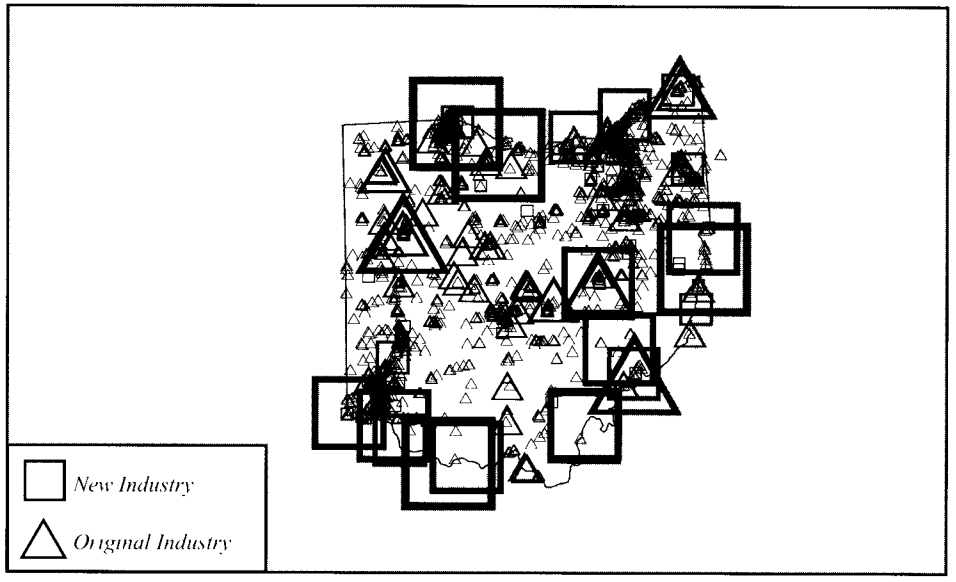

The largest marker in the state map represents the largest facility for on-site releases in the state of Ohio All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	11,359,955
Square Miles	40,953
Total Facilities	1,696
Total Forms	6,533
Form As	1,141

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	3	5	6
Pounds	137,075,843	145,944,153	283,019,996
National Rank for Total On-site Releases**			
Rank	4	5	6
Pounds	95,508,146	134,110,781	229,618,927
National Rank for Total Releases within State***			
Rank	2	5	5
Pounds	179,665,437	146,649,085	326,314,522
National Rank for Production-related Waste Managed			
Rank	8	5	8
Pounds	817,018,936	293,814,165	1,110,833,101

* 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

2000 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	69,962,656	42	0	0	0	69,962,698	808,096	0	0
—	Zinc compounds	365,171	53,374	310,000	2,998,900	19,336,285	23,063,730	34,420,641	12,632,909	6,787,938
—	Manganese compounds	564,600	235,774	39,250	11,275,461	6,737,005	18,852,090	5,630,038	6,077,524	663,954
7440-66-6	Zinc (fume or dust)	79,401	14,451	0	9,300,600	5,442,800	14,837,252	1,711,176	6,531,683	101,590
7664-41-7	Ammonia	11,584,378	433,762	2,123,000	54,807	61,191	14,257,138	283,671	154,371	2,059

* 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

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	772,534.48	139.91	0.00	47.90	391,888.98	1,164,611.27	18,952.80	348,613.29	43,275.69
—	Mercury compounds	8,965.55	8.08	740.00	4,642.75	3,113.89	17,470 26	47,768.00	1,542 61	1,651.73
40487-42-1	Pendimethalin	2.34	0.00	0.00	0.00	9,467.00	9,469.34	0.00	3,854.00	5,613.00
7439-97-6	Mercury	2,974.72	94.09	0.00	404.58	2,152.80	5,626.19	1,224 58	545.94	1,608.12
191-24-2	Benzo(g,h,i)perylene	3,080.02	9.20	0.00	2.00	1,456.81	4,548.03	2,333.20	1,071.26	385.55
1582-09-8	Trifluralin	2,512.38	0.00	0.00	0.00	1,058.00	3,570.38	0.00	1,058.00	0.00
79-94-7	Tetrabromobisphenol A	13.50	0.00	0.00	0.00	670.00	683.50	0.00	670.00	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	17.30	145 00	162.30	2,423.44	0.00	145.00
8001-35-2	Toxaphene	7.18	0.00	0.00	0.00	0.00	7.18	0.00	0.00	0.00
76-44-8	Heptachlor	1.10	0.00	0.00	0.00	2.00	3.10	0.00	0 00	2.00
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	2.00
72-43-5	Methoxychlor	0.59	0.00	0.00	0.00	1.00	1.59	0.00	0.00	1.00
118-74-1	Hexachlorobenzene	0.07	0.00	0.00	0.00	1.20	1.27	7.40	1.20	0.00
57-74-9	Chlordane	1 25	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.12	0.01	0.00	0.53	0.55	1.21	0.03	0.47	0.09
—	*Dioxin and dioxin-like compounds (in grams)*	*53 400*	*2.765*	*0 100*	*242.098*	*250.490*	*548.853*	*12 572*	*211 482*	*39.008*
309-00-2	Aldrin	0.12	0.00	0.00	0.00	0.00	0.12	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	—***	—	—	—	—	—	—	—	—

* 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

2000 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							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
J. M. Stuart Station, Manchester, Adams	**14,198,660**	**20,152**	**0**	**0**	**0**	**3,127,475**	**17,346,287**	**0**	**34**
Vickery Environmental Inc , Vickery, Sandusky	5	0	16,932,740	0	0	0	16,932,745	0	52,201
Envirosafe Services Of Ohio Inc., Oregon, Lucas	**910**	**0**	**0**	**0**	**16,888,200**	**0**	**16,889,110**	**7,760**	**1,026**
BP Chemicals Inc., Lima, Allen	248,370	0	13,342,695	0	0	0	13,591,065	1,520	1,220
Eramet Marietta Inc., Marietta, Washington	**2,576,432**	**558,000**	**0**	**0**	**0**	**8,617,474**	**11,751,906**	**0**	**56,100**
American Electric Power Cardinal Plant, Brilliant, Jefferson	9,605,255	20,895	0	0	0	1,885,410	11,511,560	0	5,455
American Electric Power Muskingum River Plant, Beverly, Washington	**7,813,049**	**10,079**	**0**	**0**	**0**	**1,467,455**	**9,290,583**	**1,560**	**6**
Kyger Creek Station, Gallipolis, Gallia	7,137,218	8,641	0	0	0	940,091	8,085,950	0	1
American Electric Power Conesville Plant, Conesville, Coshocton	**6,538,258**	**31,574**	**0**	**0**	**0**	**1,502,521**	**8,072,353**	**751**	**0**
CG&E Miami Fort Generating Station, North Bend, Hamilton	6,888,371	6,541	0	0	0	136,956	7,031,869	6,155	28,555

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

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
Ormet Primary Aluminum Corp., Hannibal, Monroe	**763,500.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**763,500.00**	**319,000.00**	**0.00**
National Electrical Carbon Prods Inc., Fostoria, Seneca	8,177.00	0.00	0.00	0.00	0.00	0.00	8,177.00	2,700.00	0.00
American Electric Power Gavin Plant, Cheshire, Gallia	**956.26**	**2.00**	**0.00**	**0.00**	**0.00**	**1,930.00**	**2,888.26**	**4.20**	**3.00**
Andersons Lawn Prods. Group, Maumee, Lucas	2,510.00	0.00	0.00	0.00	0.00	0.00	2,510.00	0.00	0.00
American Electric Power Conesville Plant, Conesville, Coshocton	**1,204.34**	**0.00**	**0.00**	**0.00**	**0.00**	**896.00**	**2,100.34**	**1.00**	**0.00**
Ashta Chemicals Inc., Ashtabula, Ashtabula	1,390.00	0.00	0.00	0.00	0.00	0.00	1,390.00	1.00	218.00
J. M. Stuart Station, Manchester, Adams	**807.17**	**0.10**	**0.00**	**0.00**	**0.00**	**474.80**	**1,282.07**	**0.00**	**0.00**
Eramet Marietta Inc., Marietta, Washington	903.00	0.00	0.00	0.00	0.00	174.00	1,077.00	0.00	0.00
Honeywell Intl. Inc., Ironton, Lawrence	**932.00**	**129.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,061.00**	**0.00**	**4,835.00**
American Electric Power Cardinal Plant, Brilliant, Jefferson	654.16	0.00	0 00	0 00	0.00	250.00	904 16	0.00	9.00

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

2000 Toxics Release Inventory

OHIO

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
J. M. Stuart Station, Manchester, Adams	0	5	0	0	4,240,100	0	17,027,269	21,267,374	0
Vickery Environmental Inc., Vickery, Sandusky	0	0	0	0	0	2,211	16,936,751	16,938,962	0
Envirosafe Services of Ohio Inc., Oregon, Lucas	0	0	0	0	0	0	16,888,200	16,888,200	0
BP Chemicals Inc , Lima, Allen	3,520,000	0	6,498,400	0	3,623,000	29,922	13,575,421	27,246,743	4,202
Eramet Marietta Inc., Marietta, Washington	229,960	50,400	0	0	17,000	0	11,808,006	12,105,366	0
American Electric Power Cardinal Plant, Brilliant, Jefferson	0	32,800	0	0	2,068,000	0	11,526,114	13,626,914	0
American Electric Power Muskingum River Plant, Beverly, Washington	0	60,200	0	0	4,454,000	0	9,292,703	13,806,903	0
Firstenergy W.H. Sammis Plant, Stratton, Jefferson	0	0	0	0	2,120,100	0	8,740,604	10,860,704	0
Kyger Creek Station, Gallipolis, Gallia	0	0	0	0	2,000,000	0	8,090,673	10,090,673	0
American Electric Power Conesville Plant, Conesville, Coshocton	0	19,100	0	0	8,200,000	0	8,067,504	16,286,604	0

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

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
Ormet Primary Aluminum Corp., Hannibal, Monroe	0	0	0	0	0	0	1,082,000	1,082,000	0
Sunoco Inc. (R&M), Oregon, Lucas	0	0	0	0	0	108	53,065	53,173	0
National Electrical Carbon Prods. Inc., Fostoria, Seneca	0	0	0	0	65,269	0	10,864	76,133	0
AK Steel Corp , Middletown, Butler	0	8,640	206	0	8	40	10,847	19,741	0
Honeywell Intl. Inc., Ironton, Lawrence	25,600	0	0	22,734	0	77,304	5,901	131,539	0
Scotts Co., Marysville, Union	0	0	0	0	0	9,228	5,613	14,841	0
Lesco Martins Ferry, Martins Ferry, Belmont	4,000	0	0	0	0	0	4,906	8,906	0
American Electric Power Gavin Plant, Cheshire, Gallia	0	0	0	0	0	0	2,906	2,906	0
Andersons Lawn Prods. Group, Maumee, Lucas	5,500	0	0	0	0	0	2,500	8,000	0
Environmental Ents. Inc., Cincinnati, Hamilton	6,600	71	0	0	0	0	2,209	8,880	0

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

2000 Toxics Release Inventory

OKLAHOMA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	20,670,359	8,375,349	29,045,708
Air Emissions	17,304,265	1,421,108	18,725,373
Surface Water Discharges	2,508,227	10,762	2,518,989
Underground Injection Class I Wells	72,393	2,388,544	2,460,937
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	117,115	2,537,743	2,654,858
Other On-site Land Releases	668,359	2,017,193	2,685,551
Off-site Releases (Transfers Off-site to Disposal)*	3,009,231	947,927	3,957,158
Total On- and Off-site Releases	**23,679,590**	**9,323,277**	**33,002,867**
Recycled On-site	40,943,114	0	40,943,114
Recycled Off-site	21,947,901	23,144	21,971,045
Energy Recovery On-site	532,795	0	532,795
Energy Recovery Off-site	1,228,440	11,720	1,240,160
Treated On-site	38,935,754	7,270,590	46,206,344
Treated Off-site**	1,893,001	3,001	1,896,002
Quantity Released On- and Off-site***	23,582,394	9,303,117	32,885,512
Total Production-related Waste Managed	**129,063,399**	**16,611,572**	**145,674,972**
Non-production-related Waste Managed	**148,799**	**291**	**149,090**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	21,790,248	23,171	21,813,419
Energy Recovery	1,176,710	11,230	1,187,940
Treatment	481,340	3,522	484,862
Publicly Owned Treatment Works (POTWs)	1,392,904	5	1,392,909
Metals and Metal Compounds*	12,675	5	12,680
Non-metal TRI Chemicals**	1,380,229	0	1,380,229
Other Off-site Transfers****	1,371	0	1,371
Transfers Off-site to Disposal *(not including metals to POTWs)*	3,090,485	948,590	4,039,075
Total Transfers Off-site for Further Waste Management/Disposal	**27,933,058**	**986,517**	**28,919,576**

* Transfers to POTWs of metals and metal 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 . . .

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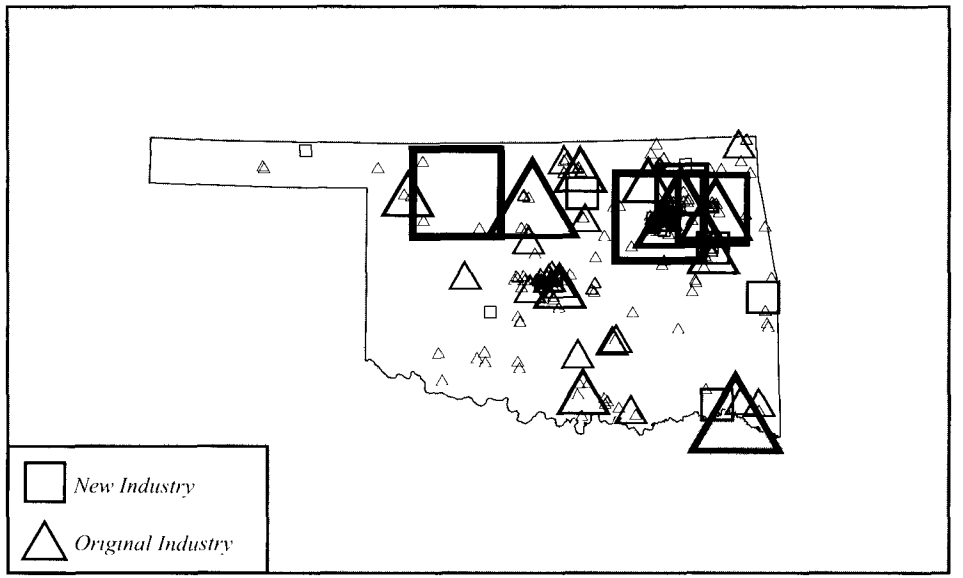

The largest marker in the state map represents the largest facility for on-site releases in the state of Oklahoma All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	3,453,250
Square Miles	68,679
Total Facilities	333
Total Forms	1,213
Form As	222

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	30	39	35
Pounds	23,679,590	9,323,277	33,002,867
National Rank for Total On-site Releases**			
Rank	28	39	33
Pounds	20,670,359	8,375,349	29,045,708
National Rank for Total Releases within State***			
Rank	25	40	31
Pounds	34,900,994	8,881,783	43,782,777
National Rank for Production-related Waste Managed			
Rank	33	38	37
Pounds	129,063,399	16,611,572	145,674,972

* 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

2000 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	6,360,388	81,341	3,080	3,978	1,207	6,449,994	831,815	1,207	0
—	Nitrate compounds	1,338	2,354,234	2,453,741	913	12,776	4,823,002	4,662,112	12,526	250
67-56-1	Methanol	2,927,502	9,054	0	12,568	1,800	2,950,924	4,115	0	1,800
—	Barium compounds	48,356	9,125	0	2,016,613	300,609	2,374,703	24,216	206,140	94,469
—	Zinc compounds	30,393	6,254	2,037	595,844	1,413,490	2,048,018	480,959	700,614	738,567

* 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

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	2,871.89	9.00	0.00	245.98	63,261.18	66,388.05	0.00	63,262.18	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	2.00	0.00	0.00	6,090 00	0.00	6,092.00	11.04	0.00	0.00
—	Mercury compounds	1,274.49	2.30	0.00	1,609.66	632.10	3,518.55	1,873.00	187.01	445.09
1582-09-8	Trifluralin	0 00	0.00	0 00	532.00	0.00	532.00	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	150.14	1.00	0.00	15.22	2.20	168.56	0.00	2.20	0.00
7439-97-6	Mercury	69.23	1.09	0 00	27.31	2.23	99.86	445.50	2.23	0.00
—	Dioxin and dioxin-like compounds	0.15	0.00	0.00	0.86	0.17	1.19	0.04	0.17	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*67.904*	*0 181*	*0 000*	*390.923*	*78 463*	*537 471*	*17 562*	*78 463*	*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	—***	—	—	—	—	—	—	—	—

* 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.

2000 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							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
Terra Nitrogen Ltd. L.P., Claremore, Rogers	**3,108,000**	**217,050**	**0**	**0**	**0**	**1,250**	**3,326,300**	**0**	**0**
Weyerhaeuser Co., Valliant, Mc Curtain	2,967,688	44,550	0	0	29,392	0	3,041,630	0	0
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	**576**	**0**	**0**	**0**	**2,537,743**	**0**	**2,538,319**	**0**	**60,968**
Farmland Inds. Inc., Enid, Garfield	2,396,490	21,510	0	0	0	500	2,418,500	0	0
Perma-fix Treatment Services, Tulsa, Tulsa	**0**	**0**	**2,388,544**	**0**	**0**	**0**	**2,388,544**	**99,561**	**250**
Protein Techs. Intl. Inc., Pryor, Mayes	54	1,797,700	0	0	0	3,775	1,801,529	0	0
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	**208,353**	**807**	**0**	**0**	**0**	**1,569,641**	**1,778,801**	**0**	**0**
GMC Scg Oklahoma City Assembly, Oklahoma City, Oklahoma	1,038,179	0	0	0	0	0	1,038,179	9,127	13,993
Baker Petrolite Corp., Barnsdall, Osage	**986,700**	**0**	**800**	**0**	**0**	**0**	**987,500**	**0**	**0**
Terra Nitrogen Corp. Woodward Complex, Woodward, Woodward	653,765	42,050	0	0	0	0	695,815	0	0

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

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
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	**2.00**	**0.00**	**0.00**	**0.00**	**8,186.82**	**0.00**	**8,188.82**	**0.00**	**3.35**
Conoco Inc. Ponca City Refy., Ponca City, Kay	1,286.00	11.00	0.00	0.00	0.00	151.00	1,448.00	1.00	10.00
Sinclair Oil Corp. Tulsa Refy., Tulsa, Tulsa	**580.45**	**1.00**	**0.00**	**0.00**	**0.00**	**3.02**	**584.47**	**0.00**	**0.00**
Apac Snyder Asphalt Plant, Snyder, Kiowa	343 10	0.00	0.00	0.00	0.00	0.00	343.10	0.00	0.00
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	**232.00**	**0.00**	**0.00**	**0.00**	**0.00**	**89.00**	**321.00**	**0.00**	**0.00**
TPI Petroleum Inc., Ardmore, Carter	318.60	0 30	0.00	0.00	0.00	0.00	318.90	0.01	7.74
Muskogee Generating Station, Fort Gibson, Muskogee	**250.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**250.00**	**2.00**	**0.00**
Apac Shawnee Asphalt Plant, Shawnee, Pottawatomie	243.83	0.00	0.00	0.00	0 00	0.00	243 83	0.00	0.00
Apac Oklahoma HH Asphalt Plant, Luther, Oklahoma	**238.38**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**238.38**	**0.00**	**0.00**
Lone Star Inds. Inc. Pryor Cement Plant, Pryor, Mayes	225.00	0.00	0.00	0 00	0.00	12.00	237.00	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
Terra Nitrogen Ltd. L.P., Claremore, Rogers	2,333,000	73,000	0	0	0	0	3,231,910	5,637,910	73,000
Weyerhaeuser Co., Valliant, Mc Curtain	0	0	0	0	5,050,730	0	3,041,879	8,092,609	0
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	0	0	0	0	347,931	1,744	2,599,280	2,948,955	0
Perma-fix Treatment Services, Tulsa, Tulsa	0	0	0	0	4,908,713	250	2,488,110	7,397,073	10
Farmland Inds. Inc., Enid, Garfield	1,755,000	196,000	0	0	1,213,600	0	2,423,190	5,587,790	0
Protein Techs. Intl. Inc., Pryor, Mayes	0	0	0	0	20,757,397	0	1,801,529	22,558,926	0
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	0	0	0	0	942,383	0	1,773,672	2,716,055	0
GMC Scg Oklahoma City Assembly, Oklahoma City, Oklahoma	0	219,320	0	44,700	60,990	33,470	1,058,100	1,416,580	0
Baker Petrolite Corp., Barnsdall, Osage	34,132,500	0	0	900	0	0	967,300	35,100,700	19,400
Zinc Corp. Of America, Bartlesville, Washington	0	0	0	0	0	0	819,473	819,473	58

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

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
Sinclair Oil Corp. Tulsa Refy., Tulsa, Tulsa	0	0	79,335	0	0	2	77,609	156,946	472
Michelin N.A. Ardmore Plant, Ardmore, Carter	61,000	44,000	0	0	0	100	64,000	169,100	0
Safety-Kleen Lone & Grassy Mountain Inc.-Lone Mnt. Fac., Waynoka, Major	0	0	0	0	0	0	8,191	8,191	0
Conoco Inc. Ponca City Refy., Ponca City, Kay	0	183	0	15	0	2	1,458	1,658	0
Sunoco Inc., Tulsa, Tulsa	0	0	0	160	0	0	1,262	1,422	0
Bridgestone/Firestone Inc. Dayton Tire Div., Oklahoma City, Oklahoma	0	137	0	602	0	0	870	1,609	0
AES Shady Point Inc., Panama, Le Flore	0	0	0	0	0	0	701	701	0
Apac Snyder Asphalt Plant, Snyder, Kiowa	0	0	0	0	0	0	343	343	0
TPI Petroleum Inc., Ardmore, Carter	0	0	0	0	0	0	327	327	0
Grand River Dam Authority Coal Fired Complex, Chouteau, Mayes	0	0	0	0	0	0	320	320	0

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

2000 Toxics Release Inventory

OREGON

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	20,274,682	55,164,864	75,439,546
Air Emissions	16,272,773	156,298	16,429,071
Surface Water Discharges	3,607,214	481	3,607,695
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	11,950	44,682,141	44,694,091
Other On-site Land Releases	382,744	10,325,944	10,708,689
Off-site Releases (Transfers Off-site to Disposal)*	6,715,749	4,367	6,720,116
Total On- and Off-site Releases	**26,990,431**	**55,169,231**	**82,159,662**
Recycled On-site	22,294,898	12,490	22,307,388
Recycled Off-site	14,264,040	125,784	14,389,824
Energy Recovery On-site	12,598,274	0	12,598,274
Energy Recovery Off-site	1,463,494	7,037	1,470,531
Treated On-site	52,482,402	216,772	52,699,174
Treated Off-site**	10,756,026	11,801	10,767,827
Quantity Released On- and Off-site***	32,365,598	54,903,415	87,269,013
Total Production-related Waste Managed	**146,224,732**	**55,277,299**	**201,502,031**
Non-production-related Waste Managed	**2,468**	**214**	**2,682**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	13,742,759	125,418	13,868,177
Energy Recovery	1,288,669	7,610	1,296,279
Treatment	560,893	7,605	568,498
Publicly Owned Treatment Works (POTWs)	11,256,002	4,609	11,260,611
Metals and Metal Compounds*	66,043	4	66,047
Non-metal TRI Chemicals**	11,189,959	4,605	11,194,564
Other Off-site Transfers****	5	0	5
Transfers Off-site to Disposal *(not including metals to POTWs)*	10,969,806	4,363	10,974,169
Total Transfers Off-site for Further Waste Management/Disposal	**37,818,135**	**149,605**	**37,967,740**

* Transfers to POTWs of metals and metal 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 . . .

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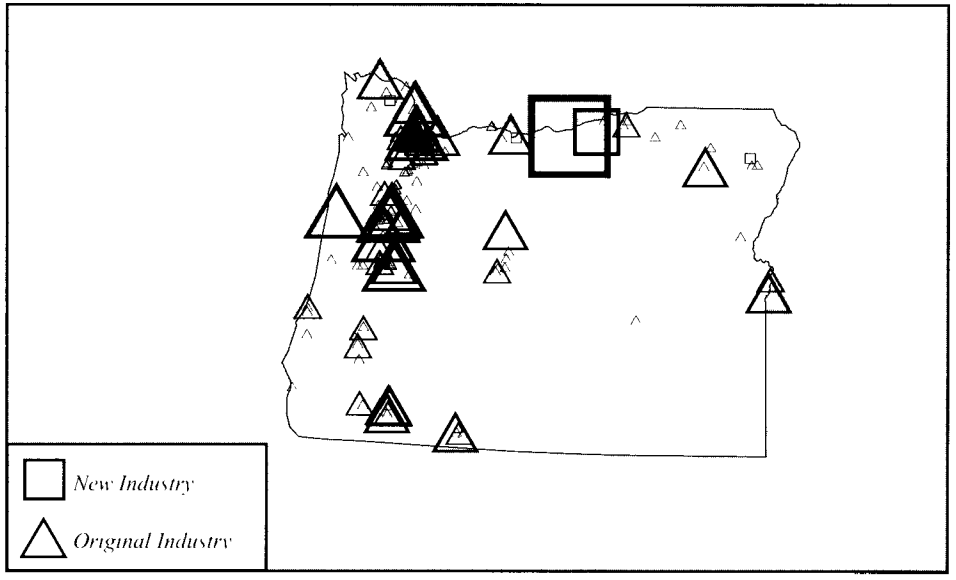

The largest marker in the state map represents the largest facility for on-site releases in the state of Oregon All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	3,429,293
Square Miles	96,003
Total Facilities	276
Total Forms	969
Form As	119

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	27	21	23
Pounds	26,990,431	55,169,231	82,159,662
National Rank for Total On-site Releases**			
Rank	29	19	24
Pounds	20,274,682	55,164,864	75,439,546
National Rank for Total Releases within State***			
Rank	28	20	25
Pounds	23,971,444	55,205,761	79,177,205
National Rank for Production-related Waste Managed			
Rank	32	24	31
Pounds	146,224,732	55,277,299	201,502,031

* 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

2000 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
1344-28-1	Aluminum oxide (fibrous forms)	0	0	0	35,964,116	0	35,964,116	0	0	0
1332-21-4	Asbestos (friable)	0	0	0	9,213,866	174	9,214,040	0	174	0
—	Zinc compounds	18,623	15,103	0	153,266	8,089,292	8,276,284	6,430	375,260	7,743,236
67-56-1	Methanol	7,663,039	49,808	0	21,176	13,479	7,747,502	252	13,479	0
7429-90-5	Aluminum (fume or dust)	29,397	5	0	4,309,650	14,000	4,353,052	198,938	14,005	0

* 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

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	52,962.83	71.80	0.00	173,349.20	52,297.10	278,680.93	1,807,059.96	52,297.10	0.00
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	106,128.50	13,970.57	120,099.07	50 00	0.00	13,970.57
7439-97-6	Mercury	204.50	0.50	0.00	15,966.30	4.30	16,175.60	0.00	4.30	0.00
191-24-2	Benzo(g,h,i)perylene	3,511.83	3.60	0.00	15.80	30.00	3,561.23	63,173.80	30 00	0.00
8001-35-2	Toxaphene	0.00	0.00	0.00	2,461.00	0.00	2,461.00	0.00	0.00	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	2,336.00	32.80	2,368.80	0.00	32.80	0 00
57-74-9	Chlordane	0.00	0.00	0.00	2,342.00	0.00	2,342.00	0.00	0.00	0.00
76-44-8	Heptachlor	0.00	0.00	0 00	2,342.00	0.00	2,342.00	0.00	0.00	0.00
309-00-2	Aldrin	0.00	0.00	0.00	2,342.00	0.00	2,342.00	0.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	2,333.00	0.00	2,333.00	0.00	0.00	0.00
—	Mercury compounds	257.06	0.52	0.00	89.35	365.56	712.49	16,091.60	10.56	355.00
—	Dioxin and dioxin-like compounds	0.02	0.05	0.00	0.02	0.01	0.10	0.24	0.01	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*8.747*	*24.584*	*0.000*	*11.256*	*3.188*	*47.775*	*110.128*	*3.188*	*0.000*
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

2000 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							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
Chemical Waste Management of The Northwest Inc., Arlington, Gilliam	1,278	0	0	0	44,682,141	10,158,718	54,842,137	0	1,055
Weyerhaeuser Co., Springfield, Lane	2,197,873	27,102	0	0	0	0	2,224,974	0	0
Willamette Inds. Inc. Albany Paper Mill, Albany, Linn	1,398,994	39,499	0	0	0	12,820	1,451,313	79,871	0
Wacker Siltronic Corp., Portland, Multnomah	6,459	1,334,000	0	0	0	0	1,340,459	0	0
TDY Ind. Inc. (dba Wah Chang), Albany, Linn	361,850	956,580	0	0	0	0	1,318,430	146,673	460
Pope & Talbot Inc. Halsey Pulp Mill, Halsey, Linn	974,968	26,867	0	0	0	0	1,001,835	9,025	0
Georgia-Pacific West Inc., Toledo, Lincoln	893,680	25,855	0	0	0	18,000	937,535	0	0
Boise Cascade Corp., Saint Helens, Columbia	933,749	0	0	0	0	0	933,749	68,159	0
Allvac-Oremet Facility, Albany, Linn	22,750	860,000	0	0	0	0	882,750	0	0
Fort James Operating Co. Wauna Mill, Clatskanie, Clatsop	619,428	9,649	0	0	0	7	629,084	0	0

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

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
Chemical Waste Management of the Northwest Inc., Arlington, Gilliam	0.00	0.00	0.00	0.00	300,036.62	6,585.30	306,621.92	0.00	0.00
West Linn Paper Co., West Linn, Clackamas	37,538.00	0.00	0.00	0.00	0.00	0.00	37,538.00	0.00	0.00
Reynolds Metals Co. Troutdale Reduction Plant, Troutdale, Multnomah	7,611.00	0.00	0.00	0.00	0.00	0.00	7,611.00	52,052.00	0.00
Northwest Aluminum Co. Inc., The Dalles, Wasco	7,418.00	8.00	0.00	0.00	0.00	0.00	7,426 00	0.00	0.00
Cascade Steel Rolling Mills, Mc Minnville, Yamhill	3,058.00	0.00	0.00	0.00	0.00	3,058.00	6,116.00	0.00	301.00
Boardman Plant, Boardman, Morrow	222.31	0.00	0.00	0.00	0.00	16.00	238.31	0.00	0.00
Taylor Lumber & Treating Inc., Sheridan, Yamhill	227.40	8.44	0.00	0.00	0.00	0.00	235.84	0.00	0.00
Weyerhaeuser Co., Springfield, Lane	214.80	11.60	0.00	0.00	0.00	0.00	226.40	0.00	0.00
Ash Grove Cement, Durkee, Baker	195.20	0.00	0.00	0.00	0.00	0.00	195.20	0.00	0.00
Boise Cascade Corp , Saint Helens, Columbia	145.00	0.00	0.00	0.00	0.00	0 00	145 00	0.00	0.00

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

2000 Toxics Release Inventory

OREGON

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	0	155,823	10,834	54,575,296	54,741,953	58
Cascade Steel Rolling Mills, Mc Minnville, Yamhill	0	115,702	0	0	0	0	6,331,161	6,446,863	0
Oregon Steel Mills Inc., Portland, Multnomah	0	0	0	0	0	0	3,317,254	3,317,254	0
Weyerhaeuser Co , Springfield, Lane	0	0	3,911,884	45	2,145,290	0	2,197,006	8,254,225	0
Willamette Inds. Inc. Albany Paper Mill, Albany, Linn	0	0	1,127,309	0	2,609,603	0	1,531,161	5,268,073	0
Wacker Siltronic Corp , Portland, Multnomah	0	25,000	0	0	2,108,000	56,480	1,340,433	3,529,913	0
TDY Ind. Inc. (dba Wah Chang), Albany, Linn	13,330,000	0	0	0	1,299,000	170,487	1,337,433	16,136,919	0
Pope & Talbot Inc. Halsey Pulp Mill, Halsey, Linn	0	0	230,000	0	6,494,946	8,785	1,001,497	7,735,228	0
Boise Cascade Corp., Saint Helens, Columbia	0	0	871,275	0	372,240	7,092,821	956,771	9,293,107	0
Georgia-Pacific West Inc., Toledo, Lincoln	0	0	0	0	1,254,790	0	935,305	2,190,095	0

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

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	0	0	0	0	6,051	306,587	312,638	0
West Linn Paper Co , West Linn, Clackamas	0	0	0	0	0	0	37,538	37,538	0
Reynolds Metals Co. Troutdale Reduction Plant, Troutdale, Multnomah	0	0	0	0	19,176	0	20,623	39,799	0
Northwest Aluminum Co. Inc , The Dalles, Wasco	0	0	0	0	0	0	7,426	7,426	0
Cascade Steel Rolling Mills, Mc Minnville, Yamhill	0	6	0	0	0	0	3,359	3,365	0
Kerr - Mcgee Chemical L L C., The Dalles, Wasco	0	0	0	1,600	0	0	1,600	3,200	0
SP Newsprint Co. Newberg Mill, Newberg, Yamhill	0	0	0	0	0	0	325	325	0
Boardman Plant, Boardman, Morrow	0	0	0	0	0	0	238	238	0
Taylor Lumber & Treating Inc., Sheridan, Yamhill	0	0	0	0	0	644	236	880	2
Weyerhaeuser Co., Springfield, Lane	0	0	0	0	0	0	226	226	0

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

2000 Toxics Release Inventory

PENNSYLVANIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	82,450,197	72,496,267	154,946,464
Air Emissions	34,149,457	62,749,191	96,898,649
Surface Water Discharges	43,183,701	77,025	43,260,726
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	6,735	787,967	794,702
Other On-site Land Releases	5,110,304	8,882,084	13,992,388
Off-site Releases (Transfers Off-site to Disposal)*	56,887,781	14,078,532	70,966,313
Total On- and Off-site Releases	**139,337,978**	**86,574,799**	**225,912,777**
Recycled On-site	419,851,750	137,083	419,988,833
Recycled Off-site	198,258,048	1,402,385	199,660,433
Energy Recovery On-site	135,584,992	0	135,584,992
Energy Recovery Off-site	16,041,641	50,683	16,092,324
Treated On-site	184,563,547	53,850,139	238,413,686
Treated Off-site**	28,166,749	490,859	28,657,608
Quantity Released On- and Off-site***	138,568,036	84,787,222	223,355,258
Total Production-related Waste Managed	**1,121,034,762**	**140,718,372**	**1,261,753,134**
Non-production-related Waste Managed	**353,007**	**24,919**	**377,925**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	194,605,887	1,106,611	195,712,498
Energy Recovery	16,371,357	50,273	16,421,630
Treatment	15,045,794	32,190	15,077,984
Publicly Owned Treatment Works (POTWs)	7,909,178	473,331	8,382,509
Metals and Metal Compounds*	106,999	765	107,764
Non-metal TRI Chemicals**	7,802,179	472,566	8,274,745
Other Off-site Transfers****	22,897	0	22,897
Transfers Off-site to Disposal *(not including metals to POTWs)*	58,955,703	14,180,318	73,136,021
Total Transfers Off-site for Further Waste Management/Disposal	**292,910,816**	**15,842,723**	**308,753,539**

* Transfers to POTWs of metals and metal 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 . . .

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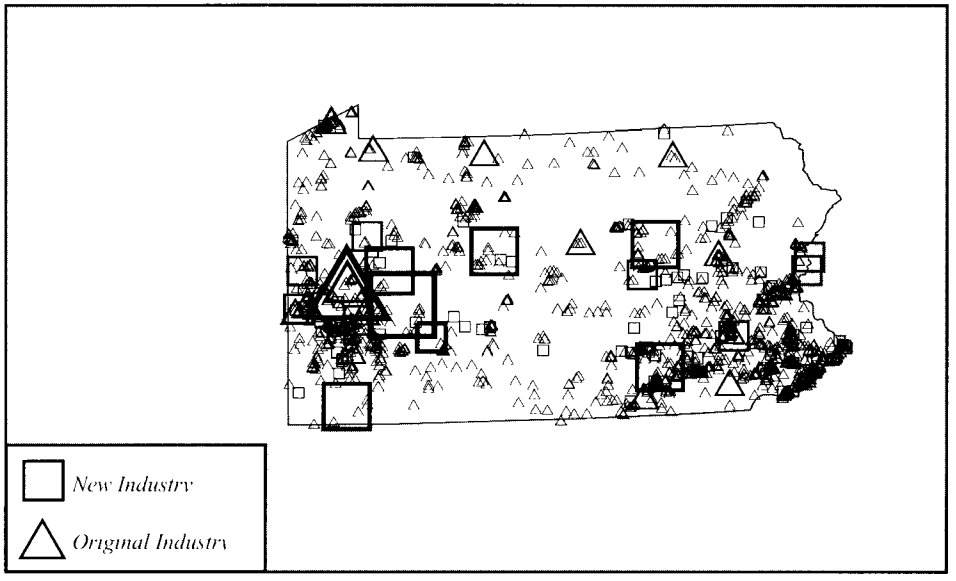

The largest marker in the state map represents the largest facility for on-site releases in the state of Pennsylvania All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	12,282,591
Square Miles	44,820
Total Facilities	1,377
Total Forms	5,163
Form As	732

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	2	8	7
Pounds	139,337,978	86,574,799	225,912,777
National Rank for Total On-site Releases**			
Rank	6	10	7
Pounds	82,450,197	72,496,267	154,946,464
National Rank for Total Releases within State***			
Rank	4	8	7
Pounds	140,628,422	91,171,250	231,799,672
National Rank for Production-related Waste Managed			
Rank	5	9	6
Pounds	1,121,034,762	140,718,372	1,261,753,134

* 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

2000 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**	**52,006,013**	**250**	**0**	**12**	**0**	**52,006,275**	**98,911**	**0**	**0**
—	Nitrate compounds	1,030	42,718,689	0	1,238,549	205,106	44,163,374	215,329	169,730	35,626
—	**Zinc compounds**	**2,009,760**	**30,999**	**0**	**2,029,783**	**32,992,014**	**37,062,556**	**6,225,425**	**31,092,617**	**1,901,451**
7664-93-9	Sulfuric acid	10,435,497	0	0	250	0	10,435,747	0	0	0
—	**Manganese compounds**	**68,608**	**55,755**	**0**	**2,549,321**	**6,539,382**	**9,213,066**	**645,558**	**6,270,242**	**269,140**

* 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

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**	**45,765.63**	**166.19**	**0.00**	**35,300.70**	**49,976.11**	**131,208.64**	**895.10**	**17,686.00**	**32,290.11**
—	Mercury compounds	8,584 20	12 54	0.00	8,233.30	59,474.00	76,304.04	352 72	5,508.18	54,041 63
118-74-1	**Hexachlorobenzene**	**282.31**	**0.07**	**0.00**	**0.00**	**9,769.00**	**10,051.38**	**86.00**	**9,762.00**	**7.00**
191-24-2	Benzo(g,h,i)perylene	817.68	227.00	0.00	265.00	3,725.47	5,035.16	80.88	507 07	3,218.40
79-94-7	**Tetrabromobisphenol A**	**2,508.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2,508.00**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	1,399.20	12.50	0.00	126.60	542.79	2,081.08	1,018.24	486.42	56.37
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**107.45**	**0.00**	**0.00**	**61.00**	**162.33**	**330.78**	**101.40**	**154.00**	**8.33**
—	Dioxin and dioxin-like compounds	0.38	0.01	0.00	0.03	0.35	0.77	0.07	0.34	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***173.226***	***4.511***	***0.000***	***12.472***	***157.527***	***347.735***	***32.801***	***156.216***	***1.311***
8001-35-2	Toxaphene	0.10	0.00	0.00	0.00	0.00	0.10	20.00	0.00	0.00
57-74-9	**Chlordane**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**	**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
76-44-8	**Heptachlor**	**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

2000 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							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. Butler Works, Butler, Butler	**144,642**	**28,048,653**	**0**	**0**	**0**	**3,218,517**	**31,411,812**	**79,519**	**68,112**
Reliant Energies Inc Keystone Power Plant, Shelocta, Armstrong	18,460,972	17,372	0	0	0	796,430	19,274,774	0	0
Allegheny Energy Inc. Hatfield Power Station, Masontown, Greene	**8,808,620**	**15**	**0**	**0**	**0**	**1,189,170**	**9,997,805**	**0**	**0**
PP&L Montour Steam Electric Station, Danville, Montour	5,244,434	0	0	0	0	102,151	5,346,585	0	0
Brunner Island Steam Electric Station, York Haven, York	**4,698,160**	**0**	**0**	**0**	**0**	**0**	**4,698,160**	**0**	**0**
AK Steel Corp. Butler Works, Butler, Butler	18,782	4,300,464	0	0	0	0	4,319,246	89,028	655
Allegheny Energy Inc. Armstrong Power Station, Kittanning, Armstrong	**3,386,288**	**234**	**0**	**0**	**0**	**140,956**	**3,527,478**	**0**	**0**
Reliant Energies Inc. Shawville Station, Shawville, Clearfield	3,132,822	3,589	0	0	0	374,820	3,511,231	0	0
Firstenergy Bruce Mansfield Plant, Shippingport, Beaver	**3,083,507**	**3,754**	**0**	**0**	**0**	**0**	**3,087,262**	**3,043,855**	**0**
Mill Service Inc., Yukon, Westmoreland	2,000	9,560	0	0	787,967	2,017,645	2,817,172	512,331	5,800

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

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
EME Homer City Generation L.P., Homer City, Indiana	**604.45**	**0.00**	**0.00**	**0.00**	**0.00**	**33,307.00**	**33,911.45**	**0.00**	**0.00**
National Electrical Carbon Prods. Inc , East Stroudsburg, Monroe	13,265.00	0.00	0.00	0.00	0.00	0.00	13,265.00	0.00	3,520.00
USS Clairton Works, Clairton, Allegheny	**11,202.23**	**88.00**	**0.00**	**0.00**	**0.00**	**0.00**	**11,290.23**	**0.51**	**0.03**
Koppers Inds Inc. Clairton Tar Plant, Clairton, Allegheny	8,850 00	0 00	0 00	0.00	0.00	0.00	8,850.00	0.00	24,971.00
Carbone of America Ind. Corp. Graphite Materials Div., Saint Marys, Elk	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,200.00**	**5,200.00**	**5,200.00**	**0.00**
Reliant Energies Inc. Conemaugh Power Plant, New Florence, Indiana	1,121.00	0.00	0.00	0.00	0.00	2,100.00	3,221.00	0.00	0.00
Sealed Air Corp., Reading, Berks	**3,032.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,032.00**	**0.00**	**0.00**
LNP Eng. Plastics Inc , Thorndale, Chester	2,482.00	0.00	0.00	0.00	0.00	0.00	2,482.00	0.00	0.00
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	**1,413.00**	**4.00**	**0.00**	**0.00**	**0.00**	**630.00**	**2,047.00**	**0.00**	**0.00**
Stone Container Corp., Philadelphia, Philadelphia	1,960.00	0.00	0.00	0.00	0.00	0.00	1,960.00	0.00	0 00

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

2000 Toxics Release Inventory

PENNSYLVANIA

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
AK Steel Corp. Butler Works, Butler, Butler	0	6,629,026	0	0	41,877,000	233	31,548,831	80,055,090	0
Zinc Corp Of America Monaca Smelter, Monaca, Beaver	0	0	0	0	0	0	29,874,500	29,874,500	0
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	0	0	0	0	3,212,000	0	19,269,012	22,481,012	0
Allegheny Energy Inc. Hatfield Power Station, Masontown, Greene	0	0	0	0	0	0	9,981,350	9,981,350	0
Uss Mon Valley Works Edgar Thomson Plant, Braddock, Allegheny	1,665,824	142,960	0	0	0	0	6,400,304	8,209,088	0
Firstenergy Bruce Mansfield Plant, Shippingport, Beaver	0	0	0	0	15,731,400	0	6,060,531	21,791,931	0
PP&L Montour Steam Electric Station, Danville, Montour	0	0	0	0	0	0	5,346,525	5,346,525	0
Brunner Island Steam Electric Station, York Haven, York	0	0	0	0	0	0	4,698,102	4,698,102	0
AK Steel Corp. Butler Works, Butler, Butler	0	0	0	0	4,900,000	506	4,407,700	9,308,206	0
Allegheny Energy Inc. Armstrong Power Station, Kittanning, Armstrong	0	0	0	0	0	0	3,523,650	3,523,650	0

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

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
Zinc Corp. of America Monaca Smelter, Monaca, Beaver	0	0	0	0	0	0	54,000	54,000	0
Koppers Inds Inc. Clairton Tar Plant, Clairton, Allegheny	360,300	28,400	0	84	0	18	34,200	423,002	0
EME Homer City Generation L.P., Homer City, Indiana	0	0	0	0	0	0	33,907	33,907	0
Cambria Cogen Co., Ebensburg, Cambria	0	0	0	0	0	0	19,614	19,614	0
National Electrical Carbon Prods. Inc., East Stroudsburg, Monroe	0	0	0	0	0	0	12,460	12,460	0
USS Clairton Works, Clairton, Allegheny	220,980	0	0	0	79	0	12,111	233,170	0
Carbone of America Ind. Corp. Graphite Materials Div., Saint Marys, Elk	0	0	0	0	0	5,200	5,200	10,400	0
Koppers Inds. Inc. Monessen Coke Plant, Monessen, Westmoreland	45,676	0	3	0	17	0	4,610	50,306	0
Reliant Energies Inc. Conemaugh Power Plant, New Florence, Indiana	0	0	0	0	0	0	3,220	3,220	0
Sealed Air Corp., Reading, Berks	0	0	0	0	0	0	3,032	3,032	0

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

2000 Toxics Release Inventory

PUERTO RICO

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	5,563,349	12,047,050	17,610,399
Air Emissions	5,510,498	11,976,434	17,486,932
Surface Water Discharges	40,764	70,616	111,380
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	2	0	2
On-site Land Releases to RCRA Subtitle C Landfills	250	0	250
Other On-site Land Releases	11,835	0	11,835
Off-site Releases (Transfers Off-site to Disposal)*	839,935	164,654	1,004,589
Total On- and Off-site Releases	**6,403,284**	**12,211,704**	**18,614,988**
Recycled On-site	14,651,259	2,384,135	17,035,394
Recycled Off-site	11,382,117	467,940	11,850,057
Energy Recovery On-site	325,084	0	325,084
Energy Recovery Off-site	14,346,171	12,264,404	26,610,575
Treated On-site	25,617,086	210,797	25,827,883
Treated Off-site**	11,249,308	4,646,095	15,895,403
Quantity Released On- and Off-site***	5,901,254	12,253,536	18,154,790
Total Production-related Waste Managed	**83,472,279**	**32,226,907**	**115,699,186**
Non-production-related Waste Managed	**26,802**	**1**	**26,803**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	11,752,235	467,940	12,220,175
Energy Recovery	14,625,402	12,264,403	26,889,805
Treatment	10,795,100	4,644,537	15,439,637
Publicly Owned Treatment Works (POTWs)	2,146,626	6,205	2,152,831
Metals and Metal Compounds*	3,767	0	3,768
Non-metal TRI Chemicals**	2,142,858	6,205	2,149,063
Other Off-site Transfers****	2,982	0	2,982
Transfers Off-site to Disposal *(not including metals to POTWs)*	839,265	166,508	1,005,773
Total Transfers Off-site for Further Waste Management/Disposal	**40,161,610**	**17,549,593**	**57,711,203**

* Transfers to POTWs of metals and metal 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 . . .

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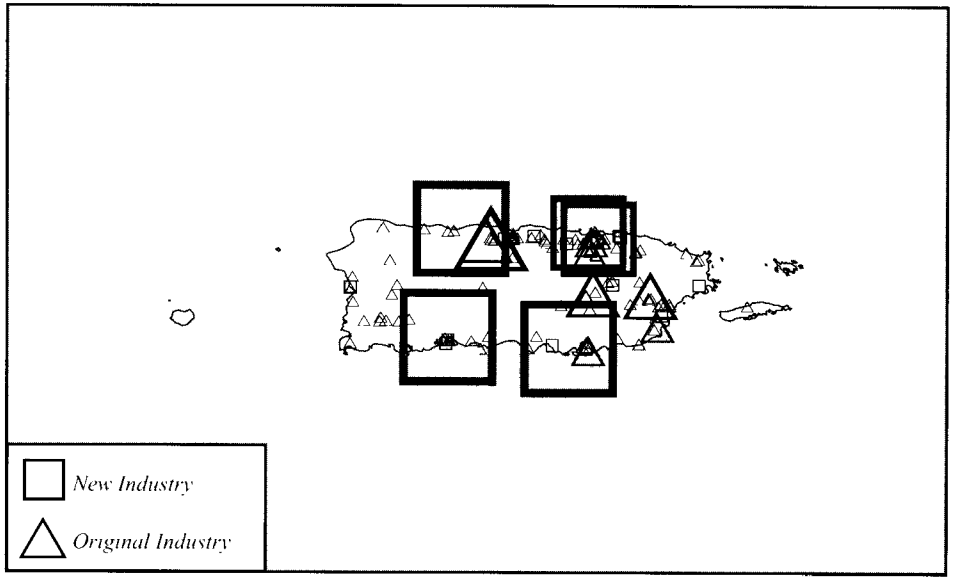

The largest marker in the map represents the largest facility for on-site releases in Puerto Rico All markers are proportionally-sized to represent the on-site releases at each facility within this territory

State/TRI Data	
Population	3,808,610
Square Miles	3,427
Total Facilities	157
Total Forms	564
Form As	87

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	40	33	42
Pounds	6,403,284	12,211,704	18,614,988
National Rank for Total On-site Releases**			
Rank	39	31	41
Pounds	5,563,349	12,047,050	17,610,399
National Rank for Total Releases within State***			
Rank	40	33	42
Pounds	6,061,363	12,159,002	18,220,365
National Rank for Production-related Waste Managed			
Rank	38	32	40
Pounds	83,472,279	32,226,907	115,699,186

* 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

2000 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**	**8,809,678**	**0**	**0**	**0**	**0**	**8,809,678**	**0**	**0**	**0**
7664-41-7	Ammonia	3,061,322	3,568	0	0	0	3,064,890	0	0	0
75-09-2	**Dichloromethane**	**2,235,818**	**0**	**0**	**0**	**3,364**	**2,239,182**	**0**	**40**	**3,324**
67-56-1	Methanol	879,040	0	0	0	5,432	884,472	0	0	5,432
71-36-3	**n-Butyl alcohol**	**458,248**	**0**	**0**	**0**	**0**	**458,248**	**0**	**0**	**0**

* 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

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**	**21,549.89**	**99.90**	**0.00**	**0.00**	**1.80**	**21,651.59**	**0.00**	**1.80**	**0.00**
191-24-2	Benzo(g,h,i)perylene	362.98	50.70	0.00	0 00	0.00	413.68	0.00	0.00	0 00
—	**Mercury compounds**	**198.50**	**9.34**	**0.00**	**0.00**	**128.30**	**336.14**	**0.00**	**3.30**	**125.00**
7439-97-6	Mercury	40 53	0.06	0.00	0.00	175.33	215.92	0.00	0 33	175.00
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**16.60**	**0.00**	**0.00**	**0.00**	**0.00**	**16.60**	**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)***	***16.497***	***0.002***	***0.000***	***0.000***	***0.658***	***17.157***	***0.000***	***0.658***	***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

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
Prepa Cambalache Combustion Turbine Plant, Arecibo, Arecibo	**3,052,469**	**0**	**0**	**0**	**0**	**0**	**3,052,469**	**0**	**0**
Prepa Aguirre Power Generation Complex, Salinas, Salinas	2,735,956	11,538	0	0	0	0	2,747,494	28,782	0
Prepa South Coast Power Plant, Guayanilla, Guayanilla	**2,710,058**	**19,664**	**0**	**0**	**0**	**0**	**2,729,722**	**28,447**	**0**
Prepa Palo Seco Power Plant, Toa Baja, Toa Baja	1,980,503	18,652	0	0	0	0	1,999,155	34,177	0
Prepa San Juan Steam Power Plant, Puerto Nuevo, San Juan	**1,448,365**	**20,762**	**0**	**0**	**0**	**0**	**1,469,127**	**20,479**	**0**
Abbott Health Prods. Inc., Barceloneta, Barceloneta	1,404,014	0	0	0	0	0	1,404,014	0	0
Pharmacia & Upjohn Caribe Inc., Arecibo, Arecibo	**709,525**	**0**	**0**	**0**	**0**	**0**	**709,525**	**0**	**0**
Chemsource Corp., Guayama, Guayama	590,664	0	0	0	0	0	590,664	0	0
Schering-Plough Prods. L.L.C., Las Piedras, Las Piedras	**576,910**	**0**	**0**	**0**	**0**	**0**	**576,910**	**0**	**0**
Chevron Phillips Chemical Puerto Rico Core Inc., Guayama, Guayama	427,757	92	0	0	0	0	427,849	0	5

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

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
Hershey Puerto Rico Inc., Las Piedras, Las Piedras	**20,736.60**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**20,736.60**	**0.00**	**0.00**
Eco Electrica L.P., Penuelas, Penuelas	616.00	0.00	0 00	0.00	0.00	0.00	616.00	0.00	0.00
Pfizer Pharmaceuticals Inc., Vega Baja, Vega Baja	**200.25**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**200.25**	**0.00**	**0.00**
Pfizer Pharmaceuticals L.L C , Barceloneta, Barceloneta	166 40	0.00	0.00	0.00	0.00	0.00	166.40	0.00	0.00
Prepa Aguirre Power Generation Complex, Salinas, Salinas	**66.11**	**64.80**	**0.00**	**0.00**	**0.00**	**0.00**	**130.91**	**1.90**	**0.00**
Pharmacia & Upjohn Caribe Inc., Arecibo, Arecibo	127.34	0.00	0.00	0.00	0.00	0.00	127.34	0.00	0.00
Caribbean Petroleum Refining L.P., Bayamon, Bayamon	**108.67**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**108.67**	**0.00**	**0.00**
Prepa San Juan Steam Power Plant, Puerto Nuevo, San Juan	19.10	83.00	0 00	0.00	0.00	0.00	102.10	0.50	0.00
Prepa South Coast Power Plant, Guayanilla, Guayanilla	**51.61**	**2.20**	**0.00**	**0.00**	**0.00**	**0.00**	**53.81**	**2.00**	**0.00**
Prepa Palo Seco Power Plant, Toa Baja, Toa Baja	29.31	9.90	0.00	0 00	0.00	0.00	39.21	0.50	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
Prepa Cambalache Combustion Turbine Plant, Arecibo, Arecibo	0	0	0	0	0	0	3,052,141	3,052,141	0
Prepa Aguirre Power Generation Complex, Salinas, Salinas	0	0	0	0	0	0	2,776,336	2,776,336	0
Prepa South Coast Power Plant, Guayanilla, Guayanilla	0	0	0	0	0	0	2,757,606	2,757,606	1
Prepa Palo Seco Power Plant, Toa Baja, Toa Baja	0	0	0	0	0	0	2,032,795	2,032,795	0
Prepa San Juan Steam Power Plant, Puerto Nuevo, San Juan	0	0	0	0	0	0	1,489,600	1,489,600	0
Abbott Health Prods. Inc., Barceloneta, Barceloneta	10,397,070	0	0	2,893,064	5,275,921	404,972	1,459,722	20,430,749	0
Pharmacia & Upjohn Caribe Inc., Arecibo, Arecibo	0	3,235,914	0	1,938,826	0	934,057	703,222	6,812,020	0
Chemsource Corp., Guayama, Guayama	706,547	0	0	104,078	1,762,621	68,322	590,467	3,232,035	0
Schering-Plough Prods. L.L.C., Las Piedras, Las Piedras	0	513,927	0	151,603	0	0	576,910	1,242,440	0
Chevron Phillips Chemical Puerto Rico Core Inc., Guayama, Guayama	458,399	0	279,171	76	287,671	0	427,837	1,453,154	305

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

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
Hershey Puerto Rico Inc., Las Piedras, Las Piedras	0	0	0	0	0	0	20,737	20,737	2
Eco Electrica L.P., Penuelas, Penuelas	0	0	0	0	0	0	616	616	0
Pfizer Pharmaceuticals Inc., Vega Baja, Vega Baja	0	0	0	0	0	0	200	200	0
Searle Ltd., Barceloneta, Barceloneta	0	0	0	0	0	0	181	181	0
Pfizer Pharmaceuticals L.L.C., Barceloneta, Barceloneta	0	0	0	0	0	0	166	166	0
Prepa Aguirre Power Generation Complex, Salinas, Salinas	0	0	0	0	0	0	133	133	0
Pharmacia & Upjohn Caribe Inc., Arecibo, Arecibo	0	4	0	17	0	0	127	149	0
Caribbean Petroleum Refining L.P., Bayamon, Bayamon	0	0	0	0	0	0	109	109	0
Prepa San Juan Steam Power Plant, Puerto Nuevo, San Juan	0	0	0	0	0	0	102	102	0
Prepa South Coast Power Plant, Guayanilla, Guayanilla	0	0	0	0	0	0	56	56	1

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

2000 Toxics Release Inventory

RHODE ISLAND

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	921,198	72,991	994,189
Air Emissions	919,955	72,860	992,815
Surface Water Discharges	1,218	131	1,348
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	18	0	18
Other On-site Land Releases	8	0	8
Off-site Releases (Transfers Off-site to Disposal)*	277,534	3,827	281,361
Total On- and Off-site Releases	**1,198,732**	**76,818**	**1,275,550**
Recycled On-site	7,042,362	120,974	7,163,336
Recycled Off-site	13,715,819	3	13,715,822
Energy Recovery On-site	212,367	0	212,367
Energy Recovery Off-site	873,072	7	873,079
Treated On-site	5,113,110	0	5,113,110
Treated Off-site**	600,057	733,769	1,333,826
Quantity Released On- and Off-site***	1,591,180	77,793	1,668,973
Total Production-related Waste Managed	**29,147,967**	**932,546**	**30,080,513**
Non-production-related Waste Managed	**79**	**0**	**79**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	13,557,662	13,068	13,570,730
Energy Recovery	985,419	7	985,426
Treatment	218,438	953,435	1,171,873
Publicly Owned Treatment Works (POTWs)	461,415	0	461,415
Metals and Metal Compounds*	4,837	0	4,837
Non-metal TRI Chemicals**	456,578	0	456,578
Other Off-site Transfers****	9,906	0	9,906
Transfers Off-site to Disposal *(not including metals to POTWs)*	275,282	3,827	279,109
Total Transfers Off-site for Further Waste Management/Disposal	**15,508,122**	**970,337**	**16,478,459**

* Transfers to POTWs of metals and metal 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

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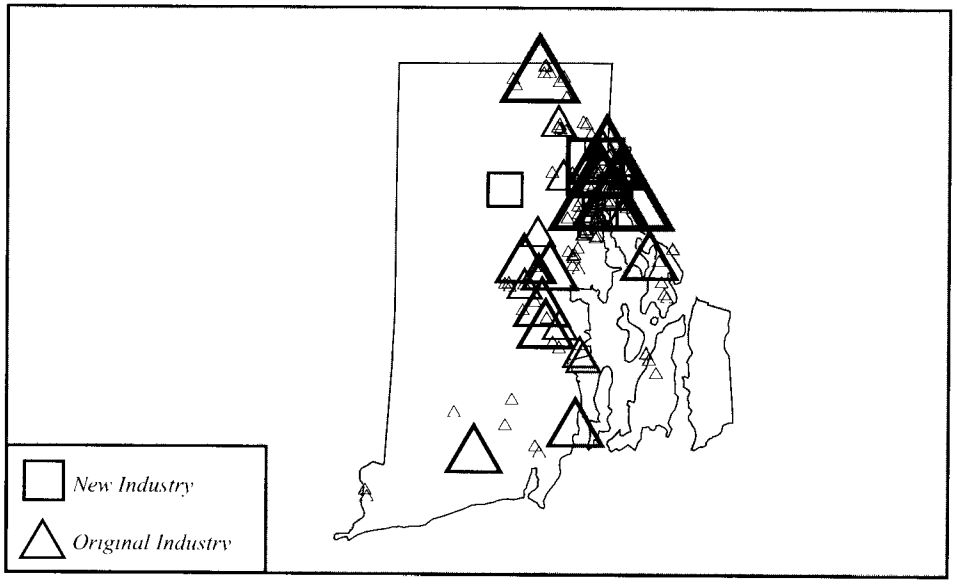

The largest marker in the state map represents the largest facility for on-site releases in the state of Rhode Island All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,050,236
Square Miles	1,045
Total Facilities	148
Total Forms	424
Form As	60

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	48	51	49
Pounds	1,198,732	76,818	1,275,550
National Rank for Total On-site Releases**			
Rank	48	51	50
Pounds	921,198	72,991	994,189
National Rank for Total Releases within State***			
Rank	48	51	49
Pounds	1,136,961	74,056	1,211,016
National Rank for Production-related Waste Managed			
Rank	45	48	48
Pounds	29,147,967	932,546	30,080,513

* 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

2000 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
78-93-3	**Methyl ethyl ketone**	**246,151**	**0**	**0**	**0**	**6,255**	**252,406**	**798**	**0**	**6,255**
108-88-3	Toluene	176,950	3	0	0	5,953	182,906	2,748	0	5,953
7664-41-7	**Ammonia**	**100,434**	**50**	**0**	**0**	**0**	**100,484**	**2**	**0**	**0**
—	Glycol ethers	89,263	0	0	0	0	89,263	2,931	0	0
100-42-5	**Styrene**	**86,419**	**0**	**0**	**0**	**0**	**86,419**	**1,946**	**0**	**0**

* 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

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**	**14,531.52**	**7.72**	**0.00**	**7.87**	**367.96**	**14,915.07**	**16.20**	**356.39**	**11.57**
191-24-2	Benzo(g,h,i)perylene	36.96	0.00	0.00	0.00	48.00	84.96	0.00	47.92	0.08
7439-97-6	**Mercury**	**0.10**	**0.00**	**0.00**	**0.00**	**3.43**	**3.53**	**0.00**	**2.59**	**0.84**
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	1.79	1.79	0.00	0.66	1.13
—	**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)*	*0.008*	*0.000*	*0.000*	*0.000*	*0.002*	*0.011*	*0.690*	*0.002*	*0.000*
—	**Mercury compounds**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**45.77**	**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.

2000 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							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
Fibermark DSI, Johnston, Providence	**134,745**	**0**	**0**	**0**	**0**	**0**	**134,745**	**0**	**0**
Facile Inc., Rumford, Providence	119,474	0	0	0	0	0	119,474	0	0
Tech. Inds. Inc., Woonsocket, Providence	**62,512**	**0**	**0**	**0**	**0**	**0**	**62,512**	**0**	**0**
Osram Sylvania Prods. Inc., Central Falls, Providence	58,855	0	0	0	0	0	58,855	0	0
TPI Composites Inc., Warren, Bristol	**42,857**	**0**	**0**	**0**	**0**	**0**	**42,857**	**0**	**0**
Arkwright Inc., Fiskeville, Kent	41,823	0	0	0	0	0	41,823	0	0
Dewal Ind. Inc., Narragansett, Washington	**37,370**	**0**	**0**	**0**	**0**	**0**	**37,370**	**0**	**5,100**
Amtrol Inc., West Warwick, Kent	34,319	0	0	0	0	0	34,319	0	0
Albin Mfg. Inc., Portsmouth, Newport	**31,529**	**0**	**0**	**0**	**0**	**0**	**31,529**	**0**	**0**
Cooley Inc , Pawtucket, Providence	31,453	0	0	0	0	0	31,453	0	12,710

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

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
Clariant Corp., Coventry, Kent	**13,293.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**13,293.00**	**2.85**	**1.27**
Tech Inds. Inc., Woonsocket, Providence	654.00	0.00	0.00	0.00	0.00	0.00	654.00	0.00	0.00
Morgan AM&T (Carbon Tech. Inc.), Exeter, Washington	**308.44**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**308.44**	**401.21**	**0.00**
Raytheon Co. Submarine Signal Div., Portsmouth, Newport	306.00	0.00	0.00	0.00	0.00	0.00	306.00	0.00	0.00
Sprague Providence RI, Providence, Providence	**6.76**	**7.72**	**0.00**	**0.00**	**0.00**	**0.00**	**14.47**	**0.00**	**0.00**
Elizabeth Webbing Mills Co., Central Falls, Providence	0.00	0.00	0.00	0.00	0.00	7.87	7.87	0.00	7.95
Leviton Mfg. Co. Inc., Warwick, Kent	**0.11**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.11**	**0.00**	**0.00**
Teknor Apex Co., Pawtucket, Providence	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
ExxonMobil Oil Corp. East Providence Terminal, East Providence, Providence	**0.10**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.10**	**0.00**	**0.00**
Lenox Inc. (dba Gorham), Smithfield, Providence	0.02	0 00	0.00	0.00	0 00	0.00	0.02	0.00	0.00

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

2000 Toxics Release Inventory

RHODE ISLAND

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
Rhodes Techs., Coventry, Kent	0	0	0	335,843	0	7,533	360,269	703,645	0
Fibermark DSI, Johnston, Providence	0	0	0	3,292	0	1,109	134,745	139,146	0
Facile Inc., Rumford, Providence	0	0	0	0	0	9,972	119,474	129,446	0
Tech. Inds. Inc., Woonsocket, Providence	0	0	0	0	0	0	62,512	62,512	0
Osram Sylvania Prods. Inc., Central Falls, Providence	0	0	0	0	761,600	8,900	58,900	829,400	0
Stanley Fastening Sys., North Kingstown, Washington	0	0	0	0	29,635	29,145	43,495	102,275	0
Dewal Ind. Inc., Narragansett, Washington	0	0	0	0	34,100	0	43,000	77,100	0
TPI Composites Inc., Warren, Bristol	0	0	0	0	0	0	42,857	42,857	0
Arkwright Inc., Fiskeville, Kent	0	0	0	207,260	1,159,142	5,860	41,730	1,413,992	0
Advanced Chemical Co., Warwick, Kent	0	0	0	0	0	0	37,478	37,478	0

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

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
Clariant Corp., Coventry, Kent	0	0	0	0	0	0	13,297	13,297	0
Tech Inds Inc., Woonsocket, Providence	0	0	0	0	0	0	654	654	0
Morgan AM&T (Carbon Tech. Inc.), Exeter, Washington	0	438	0	0	0	0	308	746	0
Raytheon Co. Submarine Signal Div., Portsmouth, Newport	0	0	0	0	0	0	306	306	0
General Cable Inds. L.L.C., Lincoln, Providence	1	0	0	0	0	0	7	8	0
American Insulated Wire Darlington, Pawtucket, Providence	0	0	0	0	0	0	1	1	0
Sprague Providence RI, Providence, Providence	0	1	0	0	0	0	1	2	0
Darlington Fabrics Corp. Canal St. Plant, Westerly, Washington	0	0	0	0	0	0	0	0	0
Leviton Mfg. Co. Inc., Warwick, Kent	0	0	0	0	0	0	0	0	0
Teknor Apex Co., Pawtucket, Providence	0	0	0	0	0	0	0	0	0

Note Facilities ranked 8, 9 and 10 reported less than 1 pound of total production-related waste

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

2000 Toxics Release Inventory

SOUTH CAROLINA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	43,781,746	20,050,119	63,831,865
Air Emissions	38,708,875	17,034,206	55,743,081
Surface Water Discharges	2,942,081	20,404	2,962,485
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	16,522	0	16,522
Other On-site Land Releases	2,114,268	2,995,509	5,109,777
Off-site Releases (Transfers Off-site to Disposal)*	15,264,912	272,047	15,536,959
Total On- and Off-site Releases	**59,046,658**	**20,322,166**	**79,368,824**
Recycled On-site	386,333,548	3,337,727	389,671,275
Recycled Off-site	79,760,833	626,949	80,387,782
Energy Recovery On-site	132,272,150	11,471	132,283,621
Energy Recovery Off-site	19,228,849	16,841,270	36,070,119
Treated On-site	141,095,002	12,989,295	154,084,297
Treated Off-site**	12,096,935	693,544	12,790,479
Quantity Released On- and Off-site***	61,688,049	20,313,464	82,001,513
Total Production-related Waste Managed	**832,475,366**	**54,813,720**	**887,289,086**
Non-production-related Waste Managed	**16,056**	**0**	**16,056**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	78,431,739	610,683	79,042,422
Energy Recovery	19,099,480	16,841,353	35,940,833
Treatment	5,174,175	593,211	5,767,385
Publicly Owned Treatment Works (POTWs)	6,184,766	1,095	6,185,861
Metals and Metal Compounds*	158,721	0	158,721
Non-metal TRI Chemicals**	6,026,045	1,095	6,027,140
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	17,649,921	272,047	17,921,968
Total Transfers Off-site for Further Waste Management/Disposal	**126,540,081**	**18,318,388**	**144,858,470**

* Transfers to POTWs of metals and metal 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

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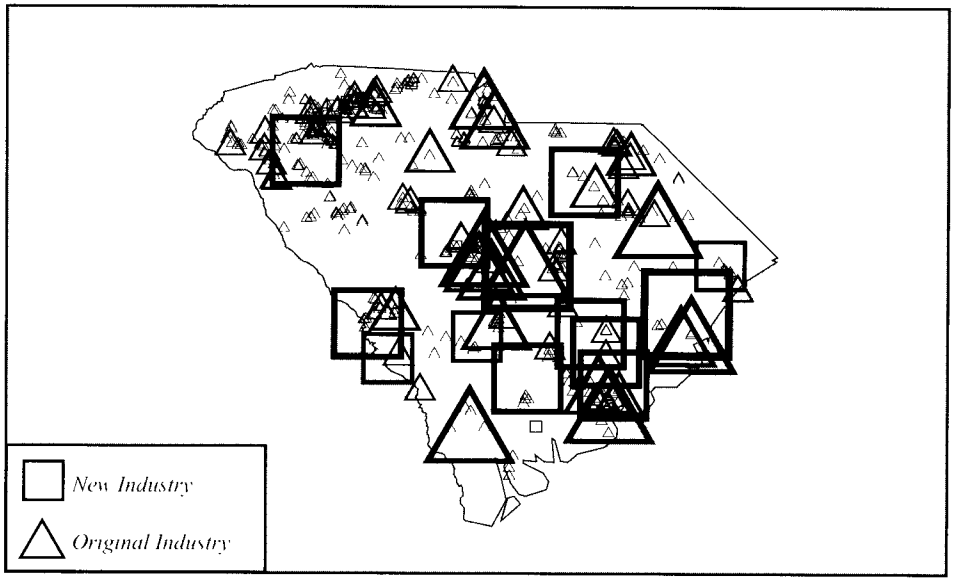

The largest marker in the state map represents the largest facility for on-site releases in the state of South Carolina All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	4,023,438
Square Miles	30,111
Total Facilities	525
Total Forms	2,122
Form As	289

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	15	29	25
Pounds	59,046,658	20,322,166	79,368,824
National Rank for Total On-site Releases**			
Rank	17	27	27
Pounds	43,781,746	20,050,119	63,831,865
National Rank for Total Releases within State***			
Rank	18	30	26
Pounds	49,393,327	20,436,564	69,829,892
National Rank for Production-related Waste Managed			
Rank	7	25	11
Pounds	832,475,366	54,813,720	887,289,086

* 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

2000 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	16,012,480	0	0	5	0	16,012,485	0	0	0
67-56-1	Methanol	13,687,732	51,432	0	122,394	15,137	13,876,695	4,360	11,131	4,006
—	Zinc compounds	103,663	45,511	0	700,682	10,160,416	11,010,272	87,506	1,063,248	9,097,168
108-88-3	Toluene	3,907,374	466	0	977	14,541	3,923,358	122,192	775	13,946
—	Manganese compounds	29,680	289,904	0	1,068,152	2,432,563	3,820,299	105,149	854,008	1,578,555

* 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

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	61,502.28	191.30	0.00	182.90	44,643.43	106,519.91	58.00	43,696.43	947.00
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	10,035.00	10,712.00	20,747.00	315.00	10,712.00	0.00
—	Mercury compounds	2,328.58	19.87	0.00	1,289.05	136.67	3,774.16	18.50	102.90	33.77
191-24-2	Benzo(g,h,i)perylene	833.05	8.72	0.00	20.95	22.38	885.10	0 00	17 38	5.00
7439-97-6	Mercury	250.23	13.00	0.00	38.50	25.60	327.33	221.53	6.40	19.20
1336-36-3	Polychlorinated biphenyls (PCBs)	23.01	0.00	0 00	0 00	0 00	23.01	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.22	0.01	0.00	0.00	0.01	0.24	0.00	0.01	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*98.361*	*5.679*	*0.000*	*1 487*	*3.663*	*109.189*	*0 000*	*3 663*	*0 000*
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	—***	—	—	—	—	—	—	—	—
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

2000 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							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
International Paper, Hampton, Hampton	3,734,847	0	0	0	0	0	3,734,847	0	0
South Carolina Electric & Gas Co. Wateree Station, Eastover, Richland	3,420,439	0	0	0	0	0	3,420,439	0	0
International Paper Georgetown Mill, Georgetown, Georgetown	2,787,851	61,905	0	0	0	117,347	2,967,103	256,177	0
Westvaco Corp. Packaging Resources Group, North Charleston, Charleston	2,623,706	44,769	0	0	0	57,200	2,725,675	77,417	0
Winyah Generating Station, Georgetown, Georgetown	2,094,725	5	0	0	0	595,708	2,690,438	0	0
Stone Container Corp., Florence, Florence	2,299,066	44,289	0	0	0	234,748	2,578,103	0	0
Intertape Polymer Group Columbia Div., Columbia, Richland	2,404,027	0	0	0	0	0	2,404,027	691	0
International Paper, Eastover, Richland	1,575,814	197,668	0	0	0	416,248	2,189,730	0	0
Genco Williams Station, Goose Creek, Berkeley	1,910,223	53	0	0	0	0	1,910,276	117,902	0
Bowater Inc Coated Paper Div., Catawba, York	1,441,221	192,555	0	0	0	262,060	1,895,836	0	0

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

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
Gold Kist Sumter Processing Plant, Sumter, Sumter	34,770.00	0.00	0.00	0.00	0.00	0.00	34,770.00	0.00	0.00
C. R. Bard Inc., Moncks Corner, Berkeley	10,369 00	0.00	0.00	0.00	0.00	0.00	10,369.00	0.00	0.00
Isola Laminate Sys., Pendleton, Anderson	0.00	0.00	0.00	0.00	0.00	10,035.00	10,035.00	10,035.00	0.00
Bridgestone/Firestone South Carolina Co., Graniteville, Aiken	3,278.01	0 00	0.00	0.00	0.00	0.00	3,278.01	0.00	0.00
Springs Inds. Elliott Frances Plant, Fort Lawn, Chester	2,972.22	0.00	0.00	0.00	0.00	0.00	2,972.22	0.00	0.00
Springs Inds. Katherine Plant, Chester, Chester	2,157.10	0.00	0.00	0.00	0.00	0.00	2,157.10	0.00	0.00
Alumax of South Carolina, Goose Creek, Berkeley	1,644.00	0.00	0.00	0.00	0.00	0.00	1,644.00	0.00	0.00
International Paper, Hampton, Hampton	1,525.00	0.00	0.00	0.00	0.00	0.00	1,525.00	0.00	0.00
Showa Denko Carbon Inc., Ridgeville, Dorchester	1,109.00	0.00	0.00	0.00	0.00	0.00	1,109.00	1,134.00	0.00
Springs Inds White Plant, Fort Mill, York	911.96	0 00	0 00	0.00	0.00	0.00	911.96	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	2,049,065	0	0	0	0	9,553,436	11,602,501	0
International Paper, Hampton, Hampton	5,277	0	0	11,899	0	46,524	3,736,669	3,800,369	0
South Carolina Electric & Gas Co. Wateree Station, Eastover, Richland	0	0	0	0	453,874	0	3,420,684	3,874,558	0
International Paper Georgetown Mill, Georgetown, Georgetown	0	0	0	0	14,834,200	0	3,334,615	18,168,815	0
Westvaco Corp. Packaging Resources Group, North Charleston, Charleston	0	0	12,003,119	1,900	6,446,013	0	2,755,206	21,206,238	0
Winyah Generating Station, Georgetown, Georgetown	0	263,937	0	0	3,654,496	0	2,685,153	6,603,586	0
Stone Container Corp., Florence, Florence	0	0	0	0	3,841,228	0	2,576,474	6,417,702	0
Intertape Polymer Group Columbia Div., Columbia, Richland	12,102,431	0	0	22,777	774,000	674	2,404,027	15,303,909	0
International Paper, Eastover, Richland	0	0	587,850	0	9,273,970	0	2,183,618	12,045,438	0
Genco Williams Station, Goose Creek, Berkeley	0	0	0	0	347,740	0	2,028,178	2,375,918	0

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

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
Gold Kist Sumter Processing Plant, Sumter, Sumter	0	0	0	0	0	0	34,770	34,770	0
C. R. Bard Inc., Moncks Corner, Berkeley	0	0	0	0	0	0	10,369	10,369	0
Isola Laminate Sys., Pendleton, Anderson	0	0	0	0	0	0	10,035	10,035	0
Michelin N.A. Inc., Greenville, Greenville	0	10,000	0	0	0	0	10,000	20,000	0
Michelin N.A. Inc., Lexington, Lexington	220,000	6,200	0	0	0	0	9,800	236,000	0
Michelin N.A. Inc., Greenville, Greenville	160,000	3,300	0	0	0	0	8,500	171,800	0
Michelin N.A. Inc., Spartanburg, Spartanburg	78,000	5,500	0	0	0	0	6,400	89,900	0
Michelin N.A. Inc., Sandy Springs, Anderson	1,300	25,000	0	0	0	0	5,900	32,200	0
Bridgestone/Firestone South Carolina Co., Graniteville, Aiken	0	0	0	0	0	0	3,278	3,278	0
Springs Inds. Elliott Frances Plant, Fort Lawn, Chester	0	0	0	0	0	0	2,972	2,972	0

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

2000 Toxics Release Inventory

SOUTH DAKOTA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	3,900,268	5,582,787	9,483,056
Air Emissions	1,762,529	287,117	2,049,646
Surface Water Discharges	2,073,645	242,940	2,316,585
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	822,600	822,600
On-site Land Releases to RCRA Subtitle C Landfills	417	0	417
Other On-site Land Releases	63,677	4,230,130	4,293,807
Off-site Releases (Transfers Off-site to Disposal)*	77,496	45,201	122,697
Total On- and Off-site Releases	**3,977,765**	**5,627,988**	**9,605,753**
Recycled On-site	249,200	0	249,200
Recycled Off-site	724,396	61,299	785,695
Energy Recovery On-site	1,292,100	0	1,292,100
Energy Recovery Off-site	375,461	0	375,461
Treated On-site	1,575,583	3,213,494	4,789,077
Treated Off-site**	310,836	3	310,839
Quantity Released On- and Off-site***	3,966,791	5,581,835	9,548,627
Total Production-related Waste Managed	**8,494,367**	**8,856,631**	**17,350,998**
Non-production-related Waste Managed	**2,031**	**1,700**	**3,731**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	719,961	61,299	781,260
Energy Recovery	375,171	0	375,171
Treatment	177,023	0	177,023
Publicly Owned Treatment Works (POTWs)	148,028	0	148,028
Metals and Metal Compounds*	854	0	854
Non-metal TRI Chemicals**	147,174	0	147,174
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	76,642	45,201	121,843
Total Transfers Off-site for Further Waste Management/Disposal	**1,496,826**	**106,500**	**1,603,326**

* Transfers to POTWs of metals and metal 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 . . .

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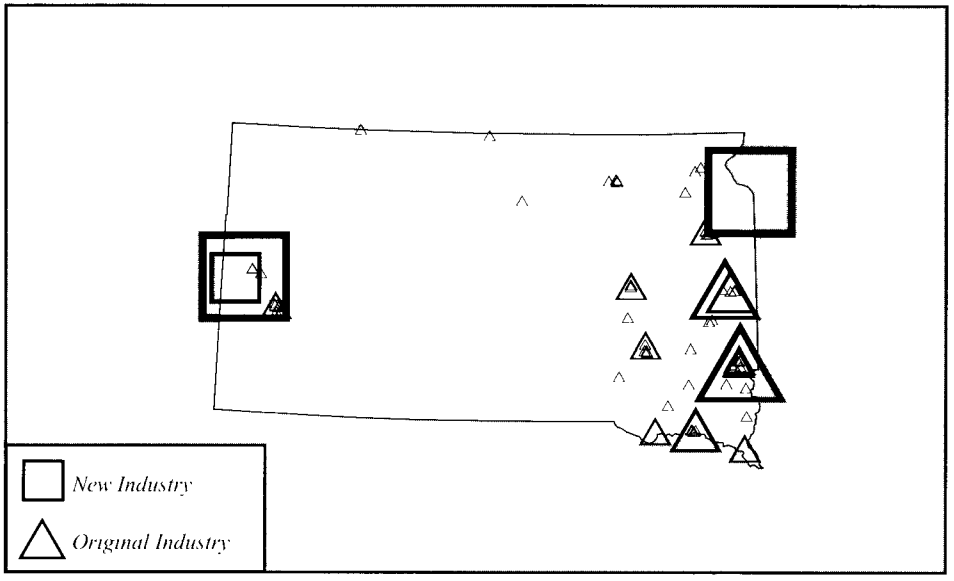
To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of South Dakota All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	755,509
Square Miles	75,896
Total Facilities	77
Total Forms	188
Form As	39

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	44	43	46
Pounds	3,977,765	5,627,988	9,605,753
National Rank for Total On-site Releases**			
Rank	42	42	45
Pounds	3,900,268	5,582,787	9,483,056
National Rank for Total Releases within State***			
Rank	44	42	46
Pounds	3,962,332	5,627,983	9,590,315
National Rank for Production-related Waste Managed			
Rank	48	44	50
Pounds	8,494,367	8,856,631	17,350,998

* 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

2000 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
—	**Arsenic compounds**	**123**	**569**	**820,000**	**2,220,000**	**0**	**3,040,692**	**0**	**0**	**0**
—	Nitrate compounds	0	2,308,860	0	185,557	68	2,494,485	0	63	5
—	**Zinc compounds**	**1,112**	**0**	**0**	**1,100,000**	**30,832**	**1,131,944**	**0**	**30,632**	**200**
110-54-3	n-Hexane	600,456	0	0	0	0	600,456	0	0	0
1330-20-7	**Xylene (mixed isomers)**	**553,587**	**0**	**0**	**417**	**750**	**554,754**	**0**	**750**	**0**

* 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

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**	**32.96**	**22.20**	**0.00**	**0.00**	**494.10**	**549.26**	**0.00**	**494.10**	**0.00**
—	Mercury compounds	182.00	0.00	0.00	33.30	0.00	215.30	0.00	0.00	0.00
191-24-2	**Benzo(g,h,i)perylene**	**110.00**	**0.00**	**0.00**	**0.00**	**0.00**	**110.00**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	30 21	0.02	0.00	8.00	6.00	44.23	0.00	6.00	0.00
—	**Dioxin and dioxin-like compounds**	**0.00**	**0.03**	**0.00**	**0.00**	**0.08**	**0.11**	**0.00**	**0.08**	**0.00**
—	*Dioxin and dioxin-like compounds (in grams)*	*1 086*	*12 602*	*0 000*	*0.000*	*36.081*	*49 769*	*0.000*	*36 081*	*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

2000 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
Homestake Mine, Lead, Lawrence	59,127	222,647	0	822,600	0	2,228,000	3,332,374	0	0
John Morrell & Co , Sioux Falls, Minnehaha	63,156	2,073,418	0	0	0	3,586	2,140,160	16,085	0
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	190,792	0	0	0	0	1,728,030	1,918,822	0	0
South Dakota Soybean Processors, Volga, Brookings	597,248	0	0	0	0	0	597,248	0	0
Wharf Resources (U.S.A.) Inc., Lead, Lawrence	34,110	20,260	0	0	0	274,100	328,470	0	5
Alcoa Extrusions Inc., Yankton, Yankton	214,016	0	0	0	0	0	214,016	50	4,100
3M Health Care Brookings, Brookings, Brookings	213,142	0	0	0	0	0	213,142	0	0
Design Tanks Inc., Sioux Falls, Minnehaha	128,600	0	0	0	0	0	128,600	0	0
GCC Dacotah, Rapid City, Pennington	765	0	0	0	0	60,088	60,853	0	0
SMC Corp., Sioux falls, Minnehaha	52,648	0	0	0	0	0	52,648	0	0

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

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
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	181.40	0.00	0.00	0.00	0.00	30.00	211.40	0.00	0.00
3M Health Care Brookings, Brookings, Brookings	112 00	0.00	0.00	0.00	0.00	0.00	112.00	0.00	0.00
Wheeler Lumber L.L.C., Whitewood, Lawrence	3.10	22.23	0.00	0.00	0.00	0.00	25.33	494.18	0.00
GCC Dacotah, Rapid City, Pennington	14.57	0.00	0.00	0.00	0.00	8.00	22.57	0.00	0.00
Dairiconcepts, Pollock, Campbell	21.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00
Black Hills Corp. Ben French Power Plant, Rapid City, Pennington	15.91	0.02	0.00	0.00	0 00	0.00	15 93	6.00	0.00
Pete Lien & Sons Inc., Rapid City, Pennington	2.00	0.00	0.00	0.00	0.00	3.30	5.30	0.00	0.00
John Morrell & Co , Sioux Falls, Minnehaha	5.20	0.00	0.00	0.00	0.00	0.00	5.20	0.00	0 00
Alcoa Extrusions Inc., Yankton, Yankton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: Facility ranked 9 reported less than 0 01 pounds of on- and off-site releases. Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero on- and off-site releases

* 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
Homestake Mine, Lead, Lawrence	0	299	0	0	725,500	0	3,290,380	4,016,179	1,700
John Morrell & Co., Sioux Falls, Minnehaha	0	0	0	0	163,203	16,982	2,141,976	2,322,161	0
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	0	0	0	0	424,494	0	1,915,201	2,339,695	0
South Dakota Soybean Processors, Volga, Brookings	0	0	0	0	0	0	597,248	597,248	0
Wharf Resources (U.S.A.) Inc., Lead, Lawrence	0	61,000	0	0	2,063,500	3	327,470	2,451,973	0
Alcoa Extrusions Inc , Yankton, Yankton	0	7,835	0	302,500	324,900	5,900	212,566	853,701	0
3M Health Care Brookings, Brookings, Brookings	0	0	1,292,100	483	430,200	164,000	212,112	2,098,895	0
Design Tanks Inc , Sioux Falls, Minnehaha	0	0	0	900	0	0	129,000	129,900	0
GCC Dacotah, Rapid City, Pennington	0	0	0	0	0	0	60,521	60,521	0
SMC Corp., Sioux Falls, Minnehaha	1,000	0	0	0	0	150	52,648	53,798	0

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

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
Wheeler Lumber L.L.C., Whitewood, Lawrence	0	0	0	0	0	1,165	519	1,684	0
Otter Tail Power Co. Big Stone Plant, Big Stone City, Grant	0	0	0	0	59,494	0	201	59,695	0
3M Health Care Brookings, Brookings, Brookings	0	0	0	0	0	0	112	112	0
GCC Dacotah, Rapid City, Pennington	0	0	0	0	0	0	23	23	0
Black Hills Corp. Ben French Power Plant, Rapid City, Pennington	0	0	0	0	0	0	22	22	0
Dairiconcepts, Pollock, Campbell	0	0	0	0	0	0	21	21	0
Pete Lien & Sons Inc., Rapid City, Pennington	0	0	0	0	0	0	5	5	0
John Morrell & Co., Sioux Falls, Minnehaha	0	0	0	0	0	0	5	5	0
Alcoa Extrusions Inc., Yankton, Yankton	0	0	0	0	0	0	0	0	0

Note: Facility ranked 9 reported less than 1 pound of total production-related waste Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero quantity released on- and off-site

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

2000 Toxics Release Inventory

TENNESSEE

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	91,245,550	63,136,372	154,381,922
Air Emissions	70,993,275	33,135,855	104,129,130
Surface Water Discharges	2,510,426	761,543	3,271,969
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	5	0	5
On-site Land Releases to RCRA Subtitle C Landfills	538,361	0	538,361
Other On-site Land Releases	17,203,483	29,238,975	46,442,458
Off-site Releases (Transfers Off-site to Disposal)*	7,733,797	740,168	8,473,965
Total On- and Off-site Releases	**98,979,347**	**63,876,540**	**162,855,887**
Recycled On-site	183,480,461	18,554,149	202,034,610
Recycled Off-site	76,460,182	1,498,179	77,958,361
Energy Recovery On-site	103,468,888	33,873	103,502,761
Energy Recovery Off-site	6,322,657	1,336,986	7,659,643
Treated On-site	116,332,759	25,938,232	142,270,991
Treated Off-site**	6,746,962	8,982	6,755,944
Quantity Released On- and Off-site***	95,695,765	64,002,851	159,698,616
Total Production-related Waste Managed	**588,507,674**	**111,373,252**	**699,880,926**
Non-production-related Waste Managed	**364,301**	**1,488,267**	**1,852,568**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	61,549,270	1,511,475	63,060,745
Energy Recovery	6,121,212	1,337,192	7,458,404
Treatment	2,079,536	6,383	2,085,919
Publicly Owned Treatment Works (POTWs)	4,346,632	206,353	4,552,985
Metals and Metal Compounds*	54,722	250	54,972
Non-metal TRI Chemicals**	4,291,910	206,103	4,498,013
Other Off-site Transfers****	9,502,481	0	9,502,481
Transfers Off-site to Disposal *(not including metals to POTWs)*	8,196,218	778,676	8,974,894
Total Transfers Off-site for Further Waste Management/Disposal	**91,795,349**	**3,840,080**	**95,635,429**

* Transfers to POTWs of metals and metal 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 . . .

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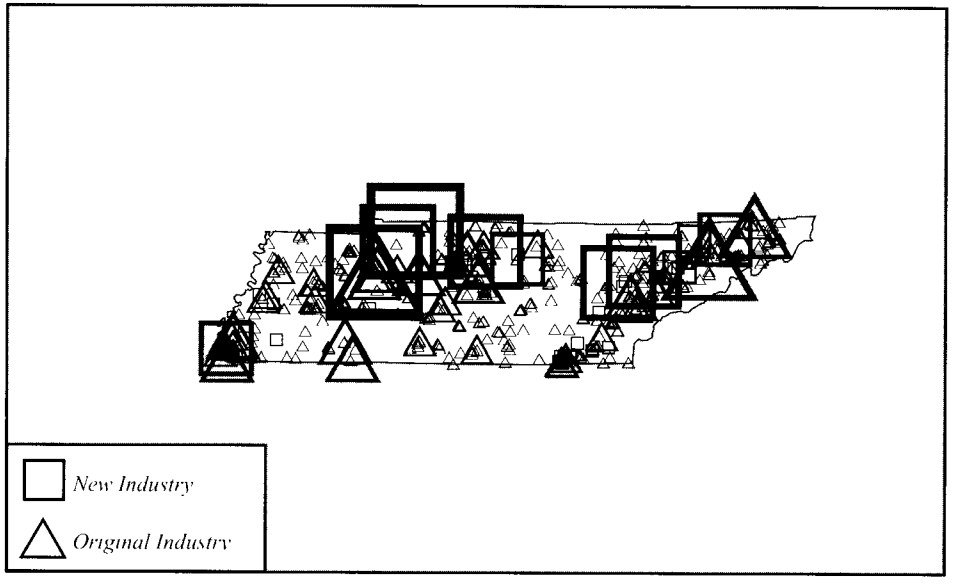

The largest marker in the state map represents the largest facility for on-site releases in the state of Tennessee All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,702,027
Square Miles	41,220
Total Facilities	694
Total Forms	2,587
Form As	391

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	7	16	9
Pounds	98,979,347	63,876,540	162,855,887
National Rank for Total On-site Releases**			
Rank	5	15	8
Pounds	91,245,550	63,136,372	154,381,922
National Rank for Total Releases within State***			
Rank	8	16	11
Pounds	97,772,330	63,877,215	161,649,546
National Rank for Production-related Waste Managed			
Rank	11	15	14
Pounds	588,507,674	111,373,252	699,880,926

* 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

2000 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**	**29,923,288**	**755**	**0**	**0**	**0**	**29,924,043**	**7,028**	**0**	**0**
—	Zinc compounds	394,313	88,451	5	20,751,340	2,151,931	23,386,040	74,402	1,704,459	448,972
75-15-0	**Carbon disulfide**	**19,911,155**	**914**	**0**	**2,500**	**0**	**19,914,569**	**250**	**0**	**0**
—	Manganese compounds	52,171	164,349	0	11,234,419	552,258	12,003,197	64,927	467,806	88,852
67-56-1	**Methanol**	**7,575,115**	**43,155**	**0**	**2,252**	**1,602**	**7,622,124**	**0**	**0**	**1,602**

* 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

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**	**22,387.71**	**117.74**	**0.00**	**30,348.56**	**2,546.10**	**55,400.11**	**0.00**	**255.30**	**2,291.40**
191-24-2	Benzo(g,h,i)perylene	2,317.30	11.40	0.00	3,395.11	73.31	5,797.12	0.00	22.21	51.10
—	**Mercury compounds**	**3,146.29**	**86.67**	**0.00**	**2,183.53**	**140.19**	**5,556.68**	**62.53**	**132.00**	**9.69**
7439-97-6	Mercury	1,675.50	13.00	0.00	1,087.00	1,603.70	4,379 20	307.00	186.20	1,417.50
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.00**	**1.00**	**0.00**	**1,769.00**	**2,524.22**	**4,294.22**	**0.00**	**0.00**	**2,524.22**
118-74-1	Hexachlorobenzene	48.00	160.00	0 00	1,820.00	0.00	2,028.00	0.00	0 00	0 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**
79-94-7	Tetrabromobisphenol A	40.40	0.00	0.00	0.00	0.00	40.40	0 00	0.00	0.00
29082-74-4	**Octachlorostyrene**	**0.00**	**0.00**	**0.00**	**16.00**	**0.00**	**16.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.11	0.04	0.00	13.45	0.58	14.17	0.00	0.29	0.28
—	***Dioxin and dioxin-like compounds (in grams)***	***49.616***	***16.097***	***0.000***	***6,098.276***	***262.855***	***6,426.844***	***0.056***	***133.715***	***129.140***
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

2000 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							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
Lenzing Fibers Corp., Lowland, Hamblen	**17,345,982**	**16,591**	**0**	**0**	**0**	**345,023**	**17,707,596**	**0**	**0**
U S. TVA Johnsonville Fossil Plant, New Johnsonville, Humphreys	14,019,252	42,379	0	0	0	2,063,378	16,125,008	20,732	7,251
Pasminco Zinc Inc., Clarksville, Montgomery	**182,483**	**78,747**	**0**	**0**	**0**	**15,262,888**	**15,524,118**	**0**	**248**
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	1,624,408	55,253	0	0	0	10,882,401	12,562,062	0	0
U.S. TVA Kingston Fossil Plant, Harriman, Roane	**5,598,000**	**58,007**	**0**	**0**	**0**	**1,739,992**	**7,395,999**	**0**	**0**
U S. TVA Gallatin Fossil Plant, Gallatin, Sumner	4,943,700	27,907	0	0	0	1,568,161	6,539,768	3,250	0
Eastman Chemical Co. Tennessee Ops., Kingsport, Sullivan	**4,924,858**	**388,138**	**0**	**0**	**133,310**	**840,520**	**6,286,826**	**0**	**5,300**
U.S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	2,370,807	487,405	0	0	0	1,344,543	4,202,755	2,520	0
U.S. TVA Bull Run Fossil Plant, Clinton, Anderson	**3,966,276**	**18,811**	**0**	**0**	**0**	**214,020**	**4,199,107**	**702,598**	**0**
Pasminco Zinc Inc. Gordonsville Mine, Gordonsville, Smith	4,203	2,038	0	0	0	3,622,014	3,628,255	0	0

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

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
UCAR Carbon Co. Inc., Columbia, Maury	**20,503.73**	**111.75**	**0.00**	**0.00**	**0.00**	**33,243.23**	**53,858.71**	**0.00**	**0.00**
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	0 00	293.03	0.00	0 00	0.00	3,216.42	3,509.45	0.00	0.00
Olin Corp., Charleston, Bradley	**1,414.00**	**7.00**	**0.00**	**0.00**	**764.00**	**0.00**	**2,185.00**	**0.00**	**0.00**
UCAR Carbon Co. Inc., Lawrenceburg, Lawrence	1,655.00	0.00	0.00	0.00	0.00	403.30	2,058.30	0.00	0.00
Ameristeel, Jackson, Madison	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1,599.00**	**1,600.00**	**0.00**	**0.50**
U S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	797.02	5.00	0.00	0.00	0.00	243.10	1,045.12	0.00	0.00
Eastman Chemical Co. Tennessee Ops., Kingsport, Sullivan	**178.01**	**12.00**	**0.00**	**0.00**	**18.00**	**620.02**	**828.03**	**0.00**	**0.00**
U.S. TVA Kingston Fossil Plant, Harriman, Roane	540.01	7.00	0.00	0.00	0.00	192.40	739.41	0.00	0 00
U.S. TVA Johnsonville Fossil Plant, New Johnsonville, Humphreys	**486.71**	**24.00**	**0.00**	**0.00**	**0.00**	**177.60**	**688.31**	**1.70**	**0.70**
UCAR Carbon Co Inc., Clarksville, Montgomery	631.62	0.02	0.00	0.00	0.00	0.11	631.75	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
Lenzing Fibers Corp., Lowland, Hamblen	**7,140,000**	**0**	**0**	**0**	**357,700**	**0**	**17,704,373**	**25,202,073**	**0**
U.S. TVA Johnsonville Fossil Plant, New Johnsonville, Humphreys	0	0	0	0	1,597,000	0	16,127,716	17,724,716	0
Pasminco Zinc Inc., Clarksville, Montgomery	**18,434,000**	**0**	**0**	**0**	**0**	**0**	**15,478,570**	**33,912,570**	**0**
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	0	0	0	0	4,400,000	0	12,562,004	16,962,004	58
U.S. TVA Kingston Fossil Plant, Harriman, Roane	**0**	**0**	**0**	**0**	**1,454,000**	**0**	**7,378,756**	**8,832,756**	**0**
U S TVA Gallatin Fossil Plant, Gallatin, Sumner	0	0	0	0	1,124,000	0	6,530,615	7,654,615	0
Eastman Chemical Co. Tennessee Ops., Kingsport, Sullivan	**2,600**	**80,007**	**4,003,146**	**1,032,000**	**26,255,594**	**6,160**	**6,277,651**	**37,657,158**	**0**
U S. TVA Bull Run Fossil Plant, Clinton, Anderson	0	0	0	0	644,000	0	4,901,501	5,545,501	0
U.S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	**0**	**0**	**0**	**0**	**18,279,000**	**0**	**4,193,064**	**22,472,064**	**0**
Pasminco Zinc Inc. Gordonsville Mine, Gordonsville, Smith	0	0	0	0	0	0	3,628,138	3,628,138	0

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

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
UCAR Carbon Co. Inc., Columbia, Maury	**0**	**11,061**	**3,065,396**	**0**	**540,952**	**0**	**53,889**	**3,671,298**	**0**
Du Pont Johnsonville Plant, New Johnsonville, Humphreys	0	0	0	0	0	0	3,509	3,509	0
Williams Refining & Marketing L.L.C., Memphis, Shelby	**0**	**0**	**0**	**0**	**0**	**2,351**	**2,653**	**5,004**	**0**
U.S. DOE Oak Ridge Y-12 Natl Security Complex, Oak Ridge, Anderson	0	0	0	0	5	0	2,418	2,423	52
Olin Corp., Charleston, Bradley	**16,497**	**0**	**0**	**0**	**0**	**0**	**2,185**	**18,682**	**0**
UCAR Carbon Co. Inc., Lawrenceburg, Lawrence	0	0	0	0	15,601	0	2,058	17,659	0
Ameristeel, Jackson, Madison	**105**	**0**	**0**	**0**	**0**	**0**	**1,562**	**1,667**	**0**
U.S. TVA Cumberland Fossil Plant, Cumberland City, Stewart	0	0	0	0	0	0	1,044	1,044	0
Eastman Chemical Co. Tennessee Ops., Kingsport, Sullivan	**0**	**7**	**0**	**0**	**0**	**0**	**828**	**835**	**0**
U.S. TVA Kingston Fossil Plant, Harriman, Roane	0	0	0	0	0	0	736	736	0

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

2000 Toxics Release Inventory

TEXAS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	226,755,453	44,864,033	271,619,486
Air Emissions	97,164,050	6,039,680	103,203,730
Surface Water Discharges	33,012,868	51,588	33,064,455
Underground Injection Class I Wells	89,310,592	5,434,677	94,745,269
Underground Injection Class II-V Wells	86,740	0	86,740
On-site Land Releases to RCRA Subtitle C Landfills	541,751	6,230,255	6,772,005
Other On-site Land Releases	6,639,453	27,107,834	33,747,286
Off-site Releases (Transfers Off-site to Disposal)*	19,006,092	10,893,379	29,899,472
Total On- and Off-site Releases	**245,761,545**	**55,757,413**	**301,518,958**
Recycled On-site	1,119,181,050	17,594,286	1,136,775,336
Recycled Off-site	131,675,930	5,845,661	137,521,591
Energy Recovery On-site	877,795,705	0	877,795,705
Energy Recovery Off-site	99,508,511	32,673,867	132,182,378
Treated On-site	1,819,829,959	91,547,105	1,911,377,064
Treated Off-site**	80,308,504	6,602,161	86,910,665
Quantity Released On- and Off-site***	247,726,326	53,226,001	300,952,327
Total Production-related Waste Managed	**4,376,025,985**	**207,489,081**	**4,583,515,066**
Non-production-related Waste Managed	**1,153,586**	**17,691**	**1,171,277**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	135,243,309	4,033,537	139,276,846
Energy Recovery	93,075,537	30,839,654	123,915,191
Treatment	45,497,438	4,703,073	50,200,511
Publicly Owned Treatment Works (POTWs)	43,160,690	12,349	43,173,039
Metals and Metal Compounds*	41,614	1,431	43,045
Non-metal TRI Chemicals**	43,119,076	10,918	43,129,994
Other Off-site Transfers****	10,711	0	10,711
Transfers Off-site to Disposal *(not including metals to POTWs)*	21,229,983	11,993,913	33,223,896
Total Transfers Off-site for Further Waste Management/Disposal	**338,217,668**	**51,582,526**	**389,800,194**

* Transfers to POTWs of metals and metal 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 . . .

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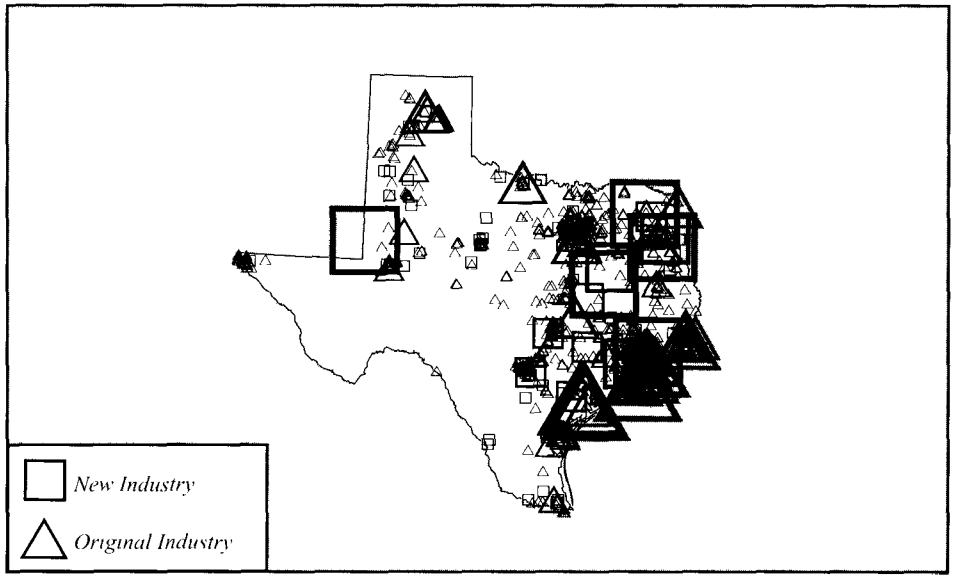
tri.us@epa.gov



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

State/TRI Data	
Population	20,946,503
Square Miles	261,914
Total Facilities	1,438
Total Forms	7,972
Form As	1,045

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	1	20	5
Pounds	245,761,545	55,757,413	301,518,958
National Rank for Total On-site Releases**			
Rank	1	22	5
Pounds	226,755,453	44,864,033	271,619,486
National Rank for Total Releases within State***			
Rank	1	22	6
Pounds	249,727,948	50,508,598	300,236,545
National Rank for Production-related Waste Managed			
Rank	2	6	2
Pounds	4,376,025,985	207,489,081	4,583,515,066

* 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

2000 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**	**8,627**	**31,332,698**	**9,656,216**	**680,000**	**13,361**	**41,690,902**	**1,001,050**	**12,912**	**449**
7664-41-7	Ammonia	5,737,010	506,639	19,141,103	254,078	562,787	26,201,617	157,332	599,793	22,973
67-56-1	**Methanol**	**10,779,098**	**102,347**	**10,902,844**	**247,403**	**442,554**	**22,474,246**	**1,122,866**	**1,334,842**	**8,447**
—	Barium compounds	129,202	62,625	0	15,849,820	3,703,256	19,744,903	11,189	3,238,151	465,108
74-85-1	**Ethylene**	**14,483,353**	**0**	**31,447**	**0**	**0**	**14,514,800**	**0**	**0**	**0**

* 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

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
—	**Mercury compounds**	**16,949.58**	**56.68**	**3.00**	**7,102.81**	**580,830.51**	**604,942.58**	**9,858.60**	**2,177.67**	**578,653.00**
—	Polycyclic aromatic compounds	42,641 91	118.82	0.00	1,873.87	12,731.52	57,366.12	2,083.97	12,723.19	8.80
1336-36-3	**Polychlorinated biphenyls (PCBs)**	**0.03**	**23.44**	**0.60**	**19,940.00**	**69.40**	**20,033.47**	**0.00**	**49.00**	**20.40**
118-74-1	Hexachlorobenzene	271.10	51 86	28.02	243.00	12,088.00	12,681 98	0.00	1 00	12,087.00
7439-97-6	**Mercury**	**2,898.41**	**6.21**	**686.00**	**1,176.75**	**340.23**	**5,107.60**	**377.96**	**337.83**	**11.67**
191-24-2	Benzo(g,h,i)perylene	4,276.81	11.03	0.00	7.76	340 31	4,635.90	10.40	340.31	0.00
608-93-5	**Pentachlorobenzene**	**86.40**	**0.44**	**0.00**	**11.20**	**0.00**	**98.04**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	1.17	1.33	0.27	9.19	26.41	38.36	0.12	6.84	19.57
—	***Dioxin and dioxin-like compounds (in grams)***	***528.498***	***602.327***	***120.600***	***4,168.165***	***11,975.437***	***17,395.027***	***56.344***	***3,101.253***	***8,874.185***
465-73-6	Isodrin	0.00	0.00	2.95	0.00	0.00	2.95	0.00	0.00	0.00
8001-35-2	**Toxaphene**	**0.08**	**1.62**	**0.21**	**0.00**	**0.60**	**2.51**	**0.00**	**0.00**	**0.60**
76-44-8	Heptachlor	1.02	0.00	0.00	0.00	0 00	1.02	0.00	0.00	0.00
57-74-9	**Chlordane**	**0.06**	**0.00**	**0.00**	**0.00**	**0.00**	**0.06**	**0.00**	**0.00**	**0.00**
72-43-5	Methoxychlor	0.02	0.00	0.00	0.00	0.00	0.02	0 00	0.00	0.00
79-94-7	**Tetrabromobisphenol A**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**416,607.00**	**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
1582-09-8	**Trifluralin**	**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**	—***	—	—	—	—	—	—	—	—

* 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.

2000 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							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
BASF Corp., Freeport, Brazoria	**118,838**	**21,515,040**	**2,632,158**	**0**	**0**	**0**	**24,266,036**	**77,710**	**0**
BP Chemicals Inc. Green Lake Facility, Port Lavaca, Calhoun	146,757	1,370	16,716,347	0	6,478	0	16,870,952	3,690	0
Du Pont Victoria Plant, Victoria, Victoria	**486,390**	**1,335,964**	**12,961,257**	**0**	**13,963**	**1,679**	**14,799,253**	**9,260**	**0**
Sterling Chemicals Inc., Texas City, Galveston	532,351	31,016	10,084,717	0	0	0	10,648,084	2,202	0
Du Pont Beaumont Plant, Beaumont, Jefferson	**348,318**	**4,086**	**9,837,517**	**0**	**0**	**7,200**	**10,197,121**	**36,525**	**0**
Solutia Chocolate Bayou, Alvin, Brazoria	102,494	50	9,747,080	0	82,055	10	9,931,689	0	0
ISP Tech. Inc., Texas City, Galveston	**52,976**	**1,375**	**6,630,265**	**0**	**0**	**0**	**6,684,616**	**0**	**25,729**
BP Amoco Texas City Business Unit, Texas City, Galveston	3,743,851	118,751	2,217,777	0	0	74	6,080,453	6,498	686,240
Waste Control Specialists L.L.C., Andrews, Andrews	**5,030**	**0**	**0**	**0**	**5,963,426**	**0**	**5,968,456**	**29,234**	**38,252**
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	752,303	0	0	0	0	4,976,146	5,728,449	0	0

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

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
Waste Control Specialists L.L.C., Andrews, Andrews	**0.00**	**0.00**	**0.00**	**0.00**	**20,888.69**	**0.00**	**20,888.69**	**0.00**	**0.00**
Valero Refining Co. Texas, Texas City, Galveston	12,692.00	74.00	0.00	0.00	0.00	36.00	12,802.00	285.00	0.00
Atofina Petrochemicals Inc. Port Arthur Refy., Port Arthur, Jefferson	**5,584.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5,584.00**	**0.00**	**0.00**
Alon USA Big Spring Refy., Big Spring, Howard	4,586.00	24.00	0.00	0.00	0.00	1.00	4,611.00	0.00	1.00
BP Amoco Texas City Business Unit, Texas City, Galveston	**4,306.00**	**0.00**	**3.00**	**0.00**	**0.00**	**0.00**	**4,309.00**	**0.00**	**0.00**
Rohm & Haas Texas Inc., Deer Park, Harris	3,580.00	0.00	0.00	0.00	0.00	0.00	3,580.00	0.00	0.00
Custom Pipe Coating Inc., Houston, Harris	**3,503.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3,503.00**	**0.00**	**0.00**
Limestone Electric Generating Station, Jewett, Limestone	1,214 59	0.00	0 00	0.00	0.00	1,800.00	3,014.59	0.00	0.00
Alcoa, Rockdale, Milam	**2,675.00**	**0.00**	**0.00**	**0.00**	**0.00**	**300.00**	**2,975.00**	**0.00**	**0.00**
Alcoa World Alumina Atlantic, Point Comfort, Calhoun	2,055.78	4.00	0.00	0.00	0.00	559.80	2,619.58	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
BASF Corp., Freeport, Brazoria	0	170,800	47,348,000	19,300	48,002,700	69,674	24,332,629	119,943,103	0
BP Chemicals Inc. Green Lake Facility, Port Lavaca, Calhoun	0	0	53,024,700	0	1,762,142	34,877	16,845,890	71,667,609	1,222
Du Pont Victoria Plant, Victoria, Victoria	0	0	35,938,760	0	48,011,036	638,251	14,808,513	99,396,560	0
Sterling Chemicals Inc., Texas City, Galveston	121,000	6,158	75,190,212	0	3,063,414	178,021	10,649,501	89,208,306	0
Du Pont Beaumont Plant, Beaumont, Jefferson	1,804,250	5,000	9,424,628	395,877	13,294,831	3,805,148	10,106,573	38,836,307	128,256
Solutia Chocolate Bayou, Alvin, Brazoria	920,000	0	0	0	17,748,730	0	9,881,693	28,550,423	0
BP Amoco Texas City Business Unit, Texas City, Galveston	3,081,800	186,346	0	0	5,015,000	5,850	6,761,559	15,050,555	0
ISP Tech. Inc., Texas City, Galveston	0	3,600	91,900	0	65,000	0	6,723,770	6,884,270	0
Waste Control Specialists L.L.C., Andrews, Andrews	0	0	0	0	32,419	0	6,037,236	6,069,655	0
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	0	0	0	0	3,893,627	0	5,728,419	9,622,046	0

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

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
Waste Management Inc., Port Arthur, Jefferson	0	0	0	0	2,179,036	0	289,268	2,468,304	0
Waste Control Specialists L.L.C , Andrews, Andrews	0	0	0	0	0	0	20,920	20,920	0
Valero Refining Co. Texas, Texas City, Galveston	0	376	0	0	80	2,432	13,086	15,974	0
GB Biosciences Corp., Houston, Harris	0	0	0	0	0	1,190	12,131	13,321	0
Koch Petroleum Group L.P. West Plant, Corpus Christi, Nueces	59,786	0	0	0	198,797	3,776	8,117	270,476	0
Atofina Petrochemicals Inc. Port Arthur Refy., Port Arthur, Jefferson	0	0	0	1	2	0	5,582	5,585	0
Alon USA Big Spring Refy., Big Spring, Howard	0	0	0	1	23	0	4,606	4,630	0
BP Amoco Texas City Business Unit, Texas City, Galveston	100	10	0	0	0	0	4,310	4,420	0
Rohm & Haas Texas Inc., Deer Park, Harris	0	0	0	0	0	0	3,580	3,580	0
Custom Pipe Coating Inc., Houston, Harris	0	0	0	0	0	0	3,503	3,503	0

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

2000 Toxics Release Inventory

UTAH

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	104,672,616	849,638,572	954,311,188
Air Emissions	47,136,656	2,187,073	49,323,729
Surface Water Discharges	990,717	8,621	999,338
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	9,000	8,672,582	8,681,582
Other On-site Land Releases	56,536,243	838,770,296	895,306,538
Off-site Releases (Transfers Off-site to Disposal)*	1,468,645	161,965	1,630,610
Total On- and Off-site Releases	**106,141,261**	**849,800,537**	**955,941,798**
Recycled On-site	129,806,879	6,111,502	135,918,381
Recycled Off-site	3,202,506	87,576	3,290,082
Energy Recovery On-site	2,658,962	0	2,658,962
Energy Recovery Off-site	64,835	119,230	184,065
Treated On-site	341,339,444	28,735,848	370,075,292
Treated Off-site**	2,002,157	15,702	2,017,859
Quantity Released On- and Off-site***	84,116,826	637,332,173	721,448,999
Total Production-related Waste Managed	**563,191,609**	**672,402,031**	**1,235,593,640**
Non-production-related Waste Managed	**28,827,887**	**219,371,142**	**248,199,029**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	3,769,553	170,508	3,940,061
Energy Recovery	34,772	119,794	154,566
Treatment	659,637	10,771	670,408
Publicly Owned Treatment Works (POTWs)	959,250	0	959,250
Metals and Metal Compounds*	1,809	0	1,809
Non-metal TRI Chemicals**	957,441	0	957,441
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	5,176,201	244,087	5,420,288
Total Transfers Off-site for Further Waste Management/Disposal	**10,599,413**	**545,160**	**11,144,573**

* Transfers to POTWs of metals and metal 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 . . .

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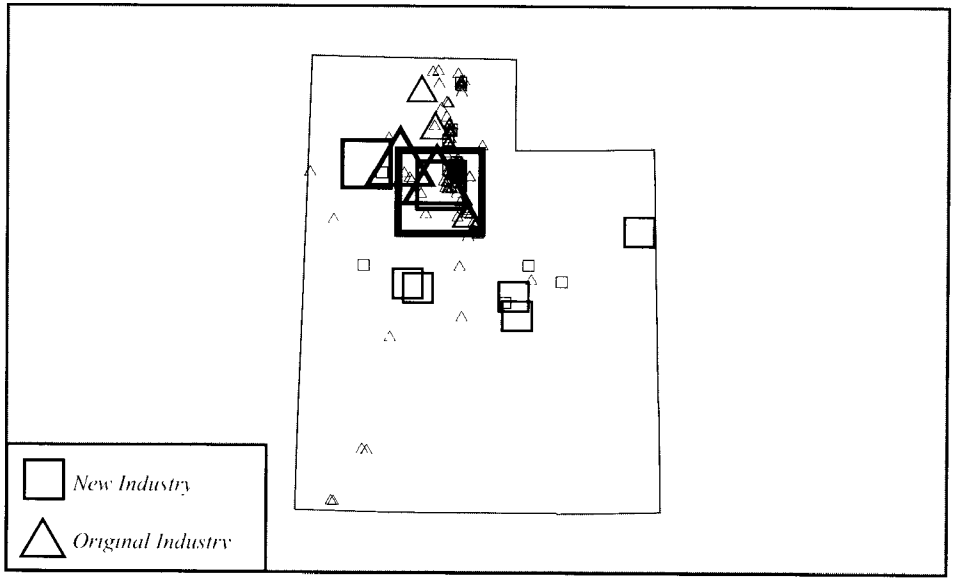

The largest marker in the state map represents the largest facility for on-site releases in the state of Utah All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	2,241,555
Square Miles	82,168
Total Facilities	172
Total Forms	748
Form As	93

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	6	2	2
Pounds	106,141,261	849,800,537	955,941,798
National Rank for Total On-site Releases**			
Rank	3	2	2
Pounds	104,672,616	849,638,572	954,311,188
National Rank for Total Releases within State***			
Rank	7	2	2
Pounds	107,191,048	853,215,694	960,406,741
National Rank for Production-related Waste Managed			
Rank	12	3	7
Pounds	563,191,609	672,402,031	1,235,593,640

* 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

2000 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	127,695	1,010	0	596,061,674	156,891	596,347,270	164,809	65,941	127,281
—	Lead compounds	56,438	515	0	62,923,557	372,874	63,353,384	383,925	136,566	355,864
—	Manganese compounds	9,594	510	0	62,103,424	503,254	62,616,782	167,043	208,526	499,481
—	Chromium compounds	3,776	500	0	60,628,720	59,347	60,692,343	2,225	71,191	50,942
—	Zinc compounds	14,630	3,340	0	52,927,277	1,430,239	54,375,486	676,407	1,429,485	1,413,972

* 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

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
—	Mercury compounds	977.82	8.20	0.00	45,213.27	3,128.98	49,328.27	2,880.83	11,438.90	11.12
1336-36-3	Polychlorinated biphenyls (PCBs)	5.00	0.00	0.00	28,916.00	0.00	28,921.00	8,516.01	10,541.40	0 00
—	Polycyclic aromatic compounds	1,153.56	32.00	0.00	0.00	1,042.20	2,227.76	437.50	1,042.20	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	611.00	72.56	683.56	0.00	72.56	0.00
191-24-2	Benzo(g,h,i)perylene	160.74	1.00	0.00	0.00	25.00	186.74	4.91	25.00	0.00
7439-97-6	Mercury	29.99	0.00	0.00	0.54	91.17	121 70	113.60	338.25	0.00
8001-35-2	Toxaphene	0.00	0.00	0.00	0.00	16.66	16.66	0.00	16.66	0.00
—	Dioxin and dioxin-like compounds	1.45	0.00	0.00	3.68	0 06	5.19	0.00	0.00	0.06
—	*Dioxin and dioxin-like compounds (in grams)*	*658.413*	*0.000*	*0.000*	*1,667.668*	*26.920*	*2,353.000*	*0.886*	*0.030*	*26.890*
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	0.00	3.00	3 00	0.00	3.00	0.00
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	2.17	2.17	0.00	2.17	0.00
57-74-9	Chlordane	0.11	0.00	0.00	0 00	1 75	1.86	0 00	1.75	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00
309-00-2	Aldrin	0 00	0.00	0 00	0.00	1.15	1.15	0.00	1.15	0 00
1582-09-8	Trifluralin	0.00	0.00	0.00	0.00	1.15	1.15	112.00	1.15	0.00
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	24,881	8,534	0	0	0	813,758,255	813,791,671	0	0
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	233,471	6,004	0	0	0	53,908,515	54,147,990	505	97,946
Magnesium Corp. of America, Rowley, Tooele	43,932,001	0	0	0	0	629	43,932,630	0	0
Kennecott Barneys Canyon Mining Co., Bingham Canyon, Salt Lake	10,500	0	0	0	0	18,006,300	18,016,800	0	0
Safety Kleen Lone & Grassy Inc. Grassy Mountain Facility, Grantsville, Tooele	366	0	0	0	8,672,582	38,873	8,711,821	9,067	0
Pacificorp Huntington Plant, Huntington, Emery	954,549	0	0	0	0	1,353,820	2,308,369	0	0
Pacificorp Hunter Power Plant, Castle Dale, Emery	165,718	0	0	0	0	1,607,607	1,773,325	15,068	150
Geneva Steel L.L.C., Vineyard, Utah	130,621	982,888	0	0	0	614,300	1,727,809	781	0
Intermountain Power Generating Station, Delta, Millard	134,338	0	0	0	0	1,448,205	1,582,543	0	0
Western Zirconium, Ogden, Weber	57,421	0	0	0	0	1,451,006	1,508,427	94	0

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

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
Safety Kleen Lone & Grassy Inc. Grassy Mountain Facility, Grantsville, Tooel	1.40	0.00	0.00	0.00	9,908.00	28,578.00	38,487.40	26.00	0.00
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	36.40	4.10	0.00	0.00	0 00	22,100.00	22,140.50	0.00	0.00
Kennecott Barneys Canyon Mining Co., Bingham Canyon, Salt Lake	0.40	0.00	0.00	0.00	0.00	6,300.00	6,300.40	0.00	0.00
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	36.03	4.10	0.00	0.00	0.00	6,220.05	6,260.18	0.00	1.00
Geneva Steel L.L.C., Vineyard, Utah	1,060.50	24.00	0.00	0.00	0.00	0.20	1,084.70	0.60	0.00
Intermountain Power Generating Station, Delta, Millard	333.20	0.00	0.00	0.00	0.00	405.11	738 32	0.00	0 00
Magnesium Corp. of America, Rowley, Tooele	1.37	0.00	0.00	0.00	0.00	628.66	630.04	0.00	0.00
Pacificorp Hunter Power Plant, Castle Dale, Emery	214.32	0.00	0.00	0.00	0.00	293.00	507.32	3.20	0.10
Pacificorp Huntington Plant, Huntington, Emery	206.71	0.00	0.00	0.00	0.00	120.40	327.11	0.00	0.00
Graymont Western US Inc Cricket Mountain, Delta, Millard	8.30	0.00	0.00	0.00	0 00	149.40	157.70	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
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	0	0	0	0	0	0	601,069,200	601,069,200	219,371,000
Magnesium Corp. of America, Rowley, Tooele	127,000,000	0	0	0	320,000,000	0	43,780,630	490,780,630	0
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	0	31	0	0	1,500	0	25,714,538	25,716,069	28,693,650
Kennecott Barneys Canyon Mining Co., Bingham Canyon, Salt Lake	0	0	0	0	0	0	18,016,300	18,016,300	0
Safety Kleen Lone & Grassy Inc. Grassy Mountain Facility, Grantsville, Tooele	0	0	0	0	31,117	7,446	8,728,188	8,766,751	0
Nucor Corp. Nucor Steel Div., Plymouth, Box Elder	0	20	0	0	0	0	7,183,033	7,183,053	0
Pacificorp Huntington Plant, Huntington, Emery	0	0	0	0	1,080,000	0	2,311,327	3,391,327	0
Pacificorp Hunter Power Plant, Castle Dale, Emery	0	0	0	0	5,200,000	0	1,980,512	7,180,512	0
Geneva Steel L.L.C., Vineyard, Utah	0	0	0	0	500,746	1,260	1,725,923	2,227,928	0
Intermountain Power Generating Station, Delta, Millard	0	0	0	0	4,170,500	0	1,584,538	5,755,038	0

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

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 Inc. Grassy Mountain Facility, Grantsville, Tooele	0	0	0	0	0	7,428	45,829	53,257	0
Safety-Kleen (Aragonite) Inc., Aragonite, Tooele	0	0	0	0	9,972,925	0	22,383	9,995,308	0
Kennecott Utah Copper Mine Concentrators & Power Plant, Copperton, Salt Lake	0	0	0	0	0	0	16,000	16,000	6,000
Kennecott Barneys Canyon Mining Co , Bingham Canyon, Salt Lake	0	0	0	0	0	0	6,300	6,300	0
Geneva Steel L.L.C., Vineyard, Utah	0	0	0	0	246	1	1,081	1,327	0
Kennecott Utah Copper Smelter & Refy., Magna, Salt Lake	0	31	0	0	0	0	773	804	5,600
Intermountain Power Generating Station, Delta, Millard	0	0	0	0	0	0	738	738	0
Bigwest Oil L.L.C., North Salt Lake, Davis	212	0	0	0	0	3	718	933	0
Magnesium Corp. of America, Rowley, Tooele	0	0	0	0	0	0	630	630	0
Pacificorp Hunter Power Plant, Castle Dale, Emery	0	0	0	0	0	0	512	512	0

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

2000 Toxics Release Inventory

VERMONT

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	299,340	0	299,340
Air Emissions	120,566	0	120,566
Surface Water Discharges	178,519	0	178,519
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	255	0	255
Off-site Releases (Transfers Off-site to Disposal)*	102,616	0	102,616
Total On- and Off-site Releases	**401,956**	**0**	**401,956**
Recycled On-site	129,724	0	129,724
Recycled Off-site	1,373,083	0	1,373,083
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	2,013	0	2,013
Treated On-site	1,015,876	0	1,015,876
Treated Off-site**	278,348	0	278,348
Quantity Released On- and Off-site***	759,989	0	759,989
Total Production-related Waste Managed	**3,559,034**	**0**	**3,559,034**
Non-production-related Waste Managed	**44,101**	**0**	**44,101**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	1,346,083	0	1,346,083
Energy Recovery	2,013	0	2,013
Treatment	223,930	0	223,930
Publicly Owned Treatment Works (POTWs)	402,292	0	402,292
Metals and Metal Compounds*	317	0	317
Non-metal TRI Chemicals**	401,975	0	401,975
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	103,319	0	103,319
Total Transfers Off-site for Further Waste Management/Disposal	**2,077,637**	**0**	**2,077,637**

* Transfers to POTWs of metals and metal 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 . . .

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(202) 566-0250
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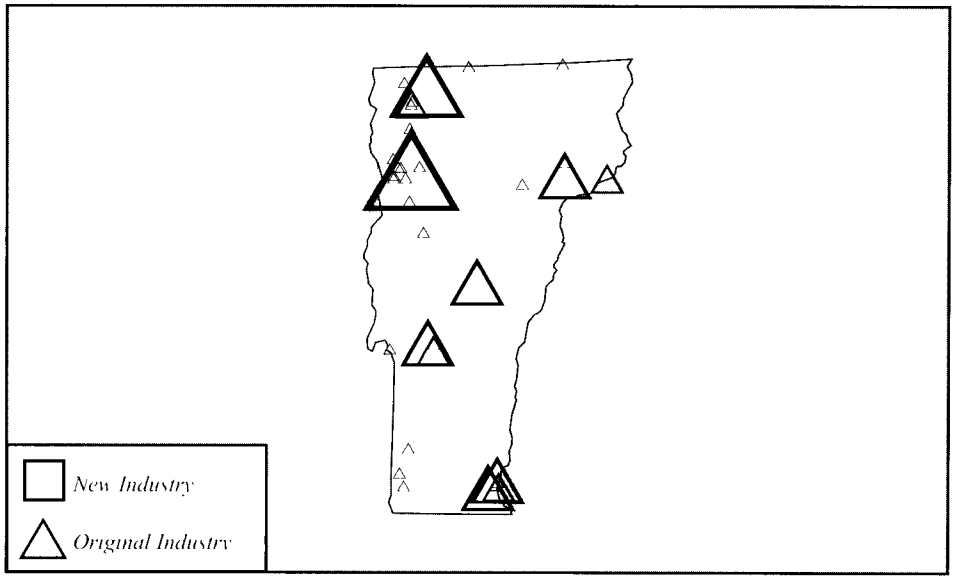

The largest marker in the state map represents the largest facility for on-site releases in the state of Vermont All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	609,709
Square Miles	9,249
Total Facilities	38
Total Forms	90
Form As	11

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	52	—	52
Pounds	401,956	0	401,956
National Rank for Total On-site Releases**			
Rank	52	—	52
Pounds	299,340	0	299,340
National Rank for Total Releases within State***			
Rank	52	55	52
Pounds	328,823	46	328,869
National Rank for Production-related Waste Managed			
Rank	51	—	51
Pounds	3,559,034	0	3,559,034

* 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

2000 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**	**170,652**	**0**	**0**	**0**	**170,652**	**0**	**0**	**0**
7664-41-7	Ammonia	44,140	7,418	0	0	0	51,558	0	0	0
—	**Barium compounds**	**500**	**0**	**0**	**0**	**27,184**	**27,684**	**0**	**5**	**27,179**
7439-92-1	Lead	5	9	0	0	24,766	24,780	1,120	15	24,751
108-88-3	**Toluene**	**20,896**	**0**	**0**	**0**	**0**	**20,896**	**1,946**	**0**	**0**

* 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

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
7439-97-6	**Mercury**	**1.00**	**0.00**	**0.00**	**0.00**	**3,600.01**	**3,601.01**	**0.00**	**0.01**	**3,600.00**
—	Polycyclic aromatic compounds	891.21	0 00	0.00	0 00	0.20	891 41	0.00	0.00	0.20
—	**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)*	*1 103*	*0 000*	*0 000*	*0 000*	*0 000*	*1 103*	*0.190*	*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	—***	—	—	—	—	—	—	—	—
—	**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

2000 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							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
IBM Corp., Essex Junction, Chittenden	26,085	177,749	0	0	0	0	203,834	0	17,795
Rock-Tenn Co., Sheldon Springs, Franklin	24,940	118	0	0	0	0	25,058	0	0
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	14,731	0	0	0	0	0	14,731	0	0
G.S. Precision Inc., Brattleboro, Windham	11,660	0	0	0	0	0	11,660	0	0
Ethan Allen Inc. Randolph Div., Randolph, Orange	10,004	0	0	0	0	0	10,004	0	260
Rutland Plywood Corp., Rutland, Rutland	9,597	0	0	0	0	0	9,597	0	0
US Samica Inc., Rutland, Rutland	8,885	0	0	0	0	0	8,885	0	0
C. E Bradley Labs. Inc., North Brattleboro, Windham	7,626	0	0	0	0	0	7,626	0	0
Winter Panel Corp., Brattleboro, Windham	2,231	0	0	0	0	0	2,231	0	0
Mylan Techs. Inc., Saint Albans, Franklin	1,543	0	0	0	0	0	1,543	0	0

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

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 Paper Mills of Vermont, Gilman, Essex	871.00	0.00	0.00	0.00	0.00	0.00	871.00	0.00	0.00
Putney Paper Co., Putney, Windham	20.20	0.00	0.00	0.00	0.00	0.00	20.20	0.00	0.00
Energizer, Bennington, Bennington	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.01	3,600.00
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Saputo Cheese USA Inc., Hinesburg, Chittenden	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IBM Corp., Essex Junction, Chittenden	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
—									
—									
—									
—									

Note: Facility ranked 5 reported less than 0.01 pounds of on- and off-site releases Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero on- and off-site releases

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

2000 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
Cabot/Agri-mark Inc., Middlebury, Addison	**0**	**0**	**0**	**0**	**0**	**0**	**269,000**	**269,000**	**0**
IBM Corp , Essex Junction, Chittenden	0	200,160	0	108	526,300	58,097	222,310	1,006,975	1
St. Albans Co-op. Creamery Inc., Saint Albans, Franklin	**0**	**0**	**0**	**0**	**0**	**0**	**83,898**	**83,898**	**0**
GE Co., North Clarendon, Rutland	0	172,140	0	0	99,259	105,605	45,227	422,231	0
Cabot Creamery Co-op. Inc., Cabot, Washington	**0**	**0**	**0**	**0**	**0**	**0**	**27,000**	**27,000**	**0**
Rock-Tenn Co., Sheldon Springs, Franklin	0	0	0	0	0	0	25,058	25,058	0
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	**0**	**0**	**0**	**0**	**0**	**0**	**14,731**	**14,731**	**0**
G.S. Precision Inc., Brattleboro, Windham	0	0	0	0	0	15,410	11,660	27,070	0
Fulflex of Vermont Inc., Brattleboro, Windham	**0**	**0**	**0**	**0**	**0**	**0**	**11,443**	**11,443**	**0**
Ethan Allen Inc. Randolph Div , Randolph, Orange	0	0	0	0	0	260	10,004	10,264	0

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

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
American Paper Mills of Vermont, Gilman, Essex	**0**	**0**	**0**	**0**	**0**	**0**	**871**	**871**	**0**
Putney Paper Co , Putney, Windham	0	0	0	0	0	0	20	20	0
Energizer, Bennington, Bennington	**0**	**3,500**	**0**	**0**	**0**	**0**	**2**	**3,502**	**0**
IBM Corp., Essex Junction, Chittenden	0	0	0	18	0	0	0	18	0
EHV-Weidmann Inds. Inc., Saint Johnsbury, Caledonia	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Saputo Cheese USA Inc., Hinesburg, Chittenden	0	0	0	0	0	0	0	0	0
—									
—									
—									
—									

Note Facilities ranked 5 and 6 reported less than 1 pound of total production-related waste. Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero quantity released on- and off-site

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

2000 Toxics Release Inventory

VIRGIN ISLANDS

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	640,507	31,174	671,681
Air Emissions	554,700	31,164	585,864
Surface Water Discharges	78,716	10	78,726
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	7,091	0	7,091
Off-site Releases (Transfers Off-site to Disposal)*	14,109	0	14,109
Total On- and Off-site Releases	**654,616**	**31,174**	**685,790**
Recycled On-site	815,060	0	815,060
Recycled Off-site	132,102	0	132,102
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	7,896	0	7,896
Treated On-site	15,742,810	33,387	15,776,197
Treated Off-site**	8,256	0	8,256
Quantity Released On- and Off-site***	654,181	30,897	685,078
Total Production-related Waste Managed	**17,360,305**	**64,284**	**17,424,589**
Non-production-related Waste Managed	**480**	**0**	**480**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	132,102	0	132,102
Energy Recovery	7,896	0	7,896
Treatment	8,256	0	8,256
Publicly Owned Treatment Works (POTWs)	0	0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	14,154	0	14,154
Total Transfers Off-site for Further Waste Management/Disposal	**162,408**	**0**	**162,408**

* Transfers to POTWs of metals and metal 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

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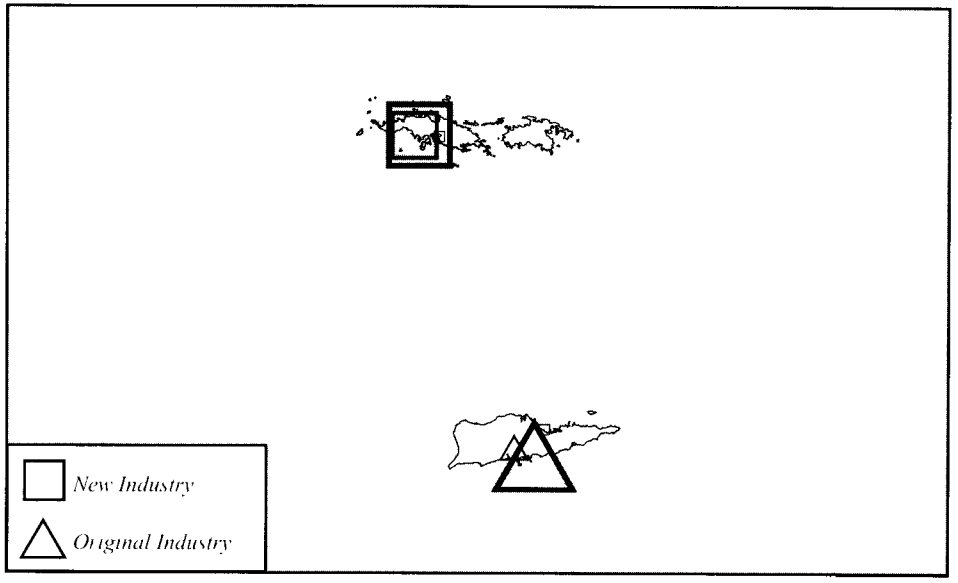

The largest marker in the map represents the largest facility for on-site releases in Virgin Islands All markers are proportionally-sized to represent the on-site releases at each facility within this territory

State/TRI Data	
Population	108,612
Square Miles	134
Total Facilities	6
Total Forms	65
Form As	7

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	50	53	51
Pounds	654,616	31,174	685,790
National Rank for Total On-site Releases**			
Rank	50	53	51
Pounds	640,507	31,174	671,681
National Rank for Total Releases within State***			
Rank	50	53	51
Pounds	640,507	31,174	671,681
National Rank for Production-related Waste Managed			
Rank	46	52	49
Pounds	17,360,305	64,284	17,424,589

* 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

2000 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
7664-41-7	**Ammonia**	**74,291**	**35,606**	**0**	**0**	**0**	**109,897**	**0**	**0**	**0**
1330-20-7	Xylene (mixed isomers)	86,770	0	0	0	11	86,781	0	0	11
108-95-2	**Phenol**	**81,834**	**2,186**	**0**	**0**	**0**	**84,020**	**0**	**0**	**0**
463-58-1	Carbonyl sulfide	46,293	0	0	0	0	46,293	0	0	0
—	**Vanadium compounds**	**0**	**40,301**	**0**	**5,799**	**3**	**46,103**	**0**	**0**	**3**

* 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

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**	**2,524.02**	**2.00**	**0.00**	**0.00**	**0.00**	**2,526.02**	**0.00**	**0.00**	**0.00**
7439-97-6	Mercury	614.00	0.00	0.00	289.00	38.00	941.00	0 00	0.00	38.00
—	**Mercury compounds**	**143.00**	**0.00**	**0.00**	**0.00**	**0.00**	**143.00**	**0.00**	**0.00**	**0.00**
191-24-2	Benzo(g,h,i)perylene	76.00	0 00	0.00	0.00	0.00	76.00	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)*	*1 011*	*0 069*	*0 000*	*0 000*	*0.000*	*1.080*	*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

2000 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							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
Hovensa L.L.C., Christiansted, St Croix	554,109	78,716	0	0	0	6,803	639,628	0	14,154
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	28,764	5	0	0	0	0	28,769	0	0
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	1,479	0	0	0	0	0	1,479	0	0
St. Croix Alumina L.L.C , Kingshill, St Croix	591	0	0	0	0	288	879	0	0
Texaco Caribbean Inc. St. Thomas Bulk Terminal, Charlotte Amalie, St Thomas	520	0	0	0	0	0	520	0	0
Virgin Islands Water & Power Authority, Saint Croix, St Croix	401	5	0	0	0	0	406	0	0

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

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
Hovensa L.L.C., Christiansted, St Croix	2,002.00	2.00	0.00	0.00	0.00	1.00	2,005.00	0.00	38.00
St Croix Alumina L.L.C., Kingshill, St Croix	591.00	0.00	0.00	0.00	0 00	288.00	879.00	0.00	0.00
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	411.00	0.00	0.00	0.00	0.00	0.00	411.00	0.00	0.00
Virgin Islands Water & Power Authority, Saint Croix, St Croix	353.00	0.00	0.00	0.00	0.00	0.00	353.00	0.00	0.00
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	0.02	0.00	0.00	0.00	0.00	0.00	0.02	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
Hovensa L.L.C., Christiansted, St Croix	815,060	132,102	0	7,896	15,742,810	8,256	653,302	17,359,426	480
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	0	0	0	0	19,700	0	28,765	48,465	0
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	0	0	0	0	0	0	1,479	1,479	0
St Croix Alumina L.L C., Kingshill, St Croix	0	0	0	0	0	0	879	879	0
Virgin Islands Water & Power Authority, Saint Croix, St Croix	0	0	0	0	13,687	0	402	14,089	0
Texaco Caribbean Inc. St. Thomas Bulk Terminal, Charlotte Amalie, St Thomas	0	0	0	0	0	0	251	251	0

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

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	0	0	0	15	0	2,043	2,058	0
St. Croix Alumina L.L.C., Kingshill, St Croix	0	0	0	0	0	0	879	879	0
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	0	0	0	0	0	0	411	411	0
Virgin Islands Water & Power Authority, Saint Croix, St Croix	0	0	0	0	0	0	353	353	0
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	0	0	0	0	0	0	0	0	0

Note: Facility ranked 5 reported less than 1 pound of total production-related waste

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

2000 Toxics Release Inventory

VIRGINIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	50,321,733	23,324,206	73,645,939
Air Emissions	40,554,859	18,662,936	59,217,794
Surface Water Discharges	8,052,505	159,837	8,212,342
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	49	0	49
Other On-site Land Releases	1,714,321	4,501,433	6,215,754
Off-site Releases (Transfers Off-site to Disposal)*	7,470,254	1,078,009	8,548,264
Total On- and Off-site Releases	**57,791,987**	**24,402,215**	**82,194,202**
Recycled On-site	119,780,119	2,564,074	122,344,193
Recycled Off-site	25,362,633	782,846	26,145,480
Energy Recovery On-site	44,857,497	0	44,857,497
Energy Recovery Off-site	8,879,913	442,506	9,322,419
Treated On-site	76,098,586	16,963,882	93,062,469
Treated Off-site**	18,137,033	1,873	18,138,906
Quantity Released On- and Off-site***	58,223,649	24,388,766	82,612,416
Total Production-related Waste Managed	**351,339,431**	**45,143,948**	**396,483,379**
Non-production-related Waste Managed	**138,952**	**15**	**138,967**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	25,565,852	728,257	26,294,109
Energy Recovery	8,716,432	444,973	9,161,405
Treatment	1,512,754	3,873	1,516,627
Publicly Owned Treatment Works (POTWs)	16,686,195	256	16,686,451
Metals and Metal Compounds*	65,113	0	65,113
Non-metal TRI Chemicals**	16,621,082	256	16,621,338
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	7,446,005	1,078,011	8,524,016
Total Transfers Off-site for Further Waste Management/Disposal	**59,927,238**	**2,255,370**	**62,182,608**

* Transfers to POTWs of metals and metal 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

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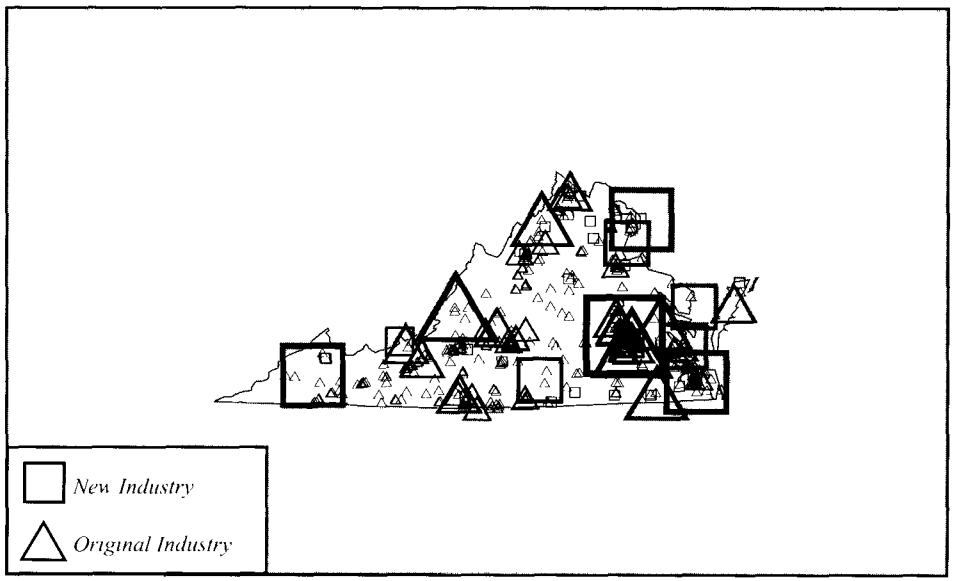

The largest marker in the map represents the largest facility for on-site releases in Virginia All markers are proportionally-sized to represent the on-site releases at each facility within this commonwealth

State/TRI Data	
Population	7,104,016
Square Miles	39,598
Total Facilities	481
Total Forms	1,913
Form As	257

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	17	26	22
Pounds	57,791,987	24,402,215	82,194,202
National Rank for Total On-site Releases**			
Rank	15	26	25
Pounds	50,321,733	23,324,206	73,645,939
National Rank for Total Releases within State***			
Rank	15	27	23
Pounds	57,381,281	24,103,951	81,485,232
National Rank for Production-related Waste Managed			
Rank	22	28	25
Pounds	351,339,431	45,143,948	396,483,379

* 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

2000 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**	**18,413,536**	**0**	**0**	**0**	**0**	**18,413,536**	**0**	**0**	**0**
67-56-1	Methanol	10,409,583	26,382	0	21,250	36,000	10,493,215	1,787	36,000	0
7664-41-7	**Ammonia**	**7,658,419**	**154,873**	**0**	**3,686**	**4,084**	**7,821,062**	**0**	**3,744**	**340**
—	Nitrate compounds	4,979	7,622,454	0	61,658	20,277	7,709,368	0	11,737	8,540
108-88-3	**Toluene**	**3,971,135**	**1,328**	**0**	**0**	**344**	**3,972,807**	**14,609**	**2**	**342**

* 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

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**	**19,040.84**	**87.97**	**0.00**	**6.69**	**2,102.09**	**21,237.59**	**16,574.80**	**119.09**	**1,983.00**
—	Mercury compounds	4,037 36	24.76	0.00	830.64	1,732.87	6,625.63	0.00	1,627 83	105.04
7439-97-6	**Mercury**	**214.10**	**0.10**	**0.00**	**27.30**	**24.80**	**266.30**	**0.00**	**17.30**	**7.50**
191-24-2	Benzo(g,h,i)perylene	199.37	4.67	0.00	0.29	16.30	220.62	15.50	9.00	7.30
40487-42-1	**Pendimethalin**	**5.00**	**5.00**	**0.00**	**0.00**	**0.00**	**10.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.23	0.01	0.00	0.03	0.11	0.39	0.00	0.11	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***104.291***	***6.658***	***0.000***	***14.768***	***51.013***	***176.730***	***0.000***	***51.012***	***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**	**—***	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
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

2000 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							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
Chesterfield Power Station, Chester, Chesterfield	**4,679,485**	**67,107**	**0**	**0**	**0**	**1,321,003**	**6,067,595**	**0**	**760**
Westvaco of Virginia. Inc., Covington, Alleghany	4,652,938	146,080	0	0	0	267,281	5,066,299	0	0
Honeywell Intl. Inc. Hopewell Plant, Hopewell, Hopewell City	**4,709,245**	**173,715**	**0**	**0**	**0**	**0**	**4,882,960**	**12,000**	**0**
Chesapeake Energy Center, Chesapeake, Chesapeake City	2,583,504	11,113	0	0	0	769,000	3,363,617	0	0
American Electric Power Clinch River Plant, Cleveland, Russell	**2,532,814**	**1,683**	**0**	**0**	**0**	**449,706**	**2,984,203**	**0**	**290**
International Paper Franklin Mill, Franklin, Isle of Wight	2,575,651	130,448	0	0	0	0	2,706,099	516,963	0
Potomac River Generating Station, Alexandria, Alexandria City	**2,641,405**	**500**	**0**	**0**	**0**	**0**	**2,641,905**	**0**	**222,003**
Rocco Poultry Ops , Edinburg, Shenandoah	0	2,245,889	0	0	0	6,363	2,252,252	3,611	0
St. Laurent Paper Prods. Corp., West Point, King William	**1,875,346**	**77,878**	**0**	**0**	**0**	**275,399**	**2,228,623**	**0**	**0**
U.S Army Radford Army Ammunition Plant, Radford, Montgomery	294,148	1,501,220	0	0	0	0	1,795,368	0	12

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

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
Anheuser-Busch Inc., Williamsburg, James City	**14,491.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**14,491.00**	**0.00**	**0.00**
Barker Microfarads Inc., Hillsville, Carroll	1,851.70	0.00	0.00	0.00	0.00	0.00	1,851.70	0.00	0.00
Chesterfield Power Station, Chester, Chesterfield	**1,303.50**	**0.00**	**0.00**	**0.00**	**0.00**	**3.00**	**1,306.50**	**0.00**	**0.00**
Hopewell Cogeneration Facility, Hopewell, Hopewell City	1,160.20	0.00	0 00	0.00	0.00	0 00	1,160.20	0.00	0.00
Chesapeake Energy Center, Chesapeake, Chesapeake City	**730.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**730.00**	**0.00**	**0.00**
Westvaco of Virginia. Inc., Covington, Alleghany	498.00	20.76	0.00	0.00	0.00	79.37	598.14	0.00	0.00
Clover Power Station, Clover, Halifax	**14.00**	**0.00**	**0.00**	**0.00**	**0.00**	**580.00**	**594.00**	**0.00**	**0.00**
H. Warshow & Sons Inc., Tappahannock, Essex	450.00	0.00	0.00	0.00	0.00	0.00	450.00	0.00	0.00
International Paper Franklin Mill, Franklin, Isle of Wight	**362.80**	**22.70**	**0.00**	**0.00**	**0.00**	**0.00**	**385.51**	**88.31**	**0.00**
Possum Point Power Station, Dumfries, Prince William	361.00	2.00	0 00	0.00	0 00	6.00	369.00	0.00	0.00

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

2000 Toxics Release Inventory

VIRGINIA

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**	**1,400,000**	**0**	**6,076,304**	**7,476,304**	**0**
Westvaco of Virginia. Inc , Covington, Alleghany	0	0	898,800	0	20,745,490	0	5,046,968	26,691,258	0
Honeywell Intl. Inc. Hopewell Plant, Hopewell, Hopewell City	**2,357,400**	**0**	**1,787,510**	**0**	**2,065,235**	**404,481**	**4,897,500**	**11,512,126**	**0**
Chesapeake Energy Center, Chesapeake, Chesapeake City	0	0	0	0	500,000	0	3,362,730	3,862,730	0
Roanoke Electric Steel Corp., Roanoke, Roanoke City	**0**	**0**	**0**	**0**	**0**	**0**	**3,165,838**	**3,165,838**	**0**
International Paper Franklin Mill, Franklin, Isle of Wight	0	10	6,600,120	0	12,404,503	0	3,154,554	22,159,187	1
American Electric Power Clinch River Plant, Cleveland, Russell	**0**	**51,500**	**0**	**0**	**510,000**	**0**	**2,984,202**	**3,545,702**	**0**
Potomac River Generating Station, Alexandria, Alexandria City	0	0	0	0	222,000	0	2,872,160	3,094,160	0
Rocco Poultry Ops., Edinburg, Shenandoah	**0**	**0**	**0**	**0**	**0**	**3,611**	**2,255,864**	**2,259,475**	**0**
St. Laurent Paper Prods. Corp , West Point, King William	0	0	0	0	2,174	0	2,228,623	2,230,797	0

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

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
Anheuser-Busch Inc., Williamsburg, James City	**0**	**0**	**0**	**0**	**0**	**0**	**14,491**	**14,491**	**0**
Barker Microfarads Inc., Hillsville, Carroll	0	0	0	0	0	0	1,852	1,852	0
Koppers Inds. Inc., Salem, Roanoke	**0**	**0**	**0**	**0**	**1,507**	**4,019**	**1,518**	**7,045**	**0**
Chesterfield Power Station, Chester, Chesterfield	0	0	0	0	0	0	1,304	1,304	0
Hopewell Cogeneration Facility, Hopewell, Hopewell City	**0**	**0**	**0**	**0**	**0**	**0**	**1,160**	**1,160**	**0**
Chesapeake Energy Center, Chesapeake, Chesapeake City	0	0	0	0	0	0	730	730	0
Westvaco of Virginia. Inc., Covington, Alleghany	**0**	**0**	**0**	**0**	**0**	**0**	**598**	**598**	**0**
Clover Power Station, Clover, Halifax	0	0	0	0	0	0	590	590	0
International Paper Franklin Mill, Franklin, Isle of Wight	**0**	**10**	**0**	**0**	**0**	**0**	**474**	**484**	**0**
H. Warshow & Sons Inc., Tappahannock, Essex	0	0	0	0	0	0	450	450	0

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

2000 Toxics Release Inventory

WASHINGTON

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	21,880,903	5,033,921	26,914,824
Air Emissions	18,698,788	1,203,882	19,902,669
Surface Water Discharges	2,776,004	1,125	2,777,130
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	30,216	31,927	62,143
Other On-site Land Releases	375,895	3,796,987	4,172,882
Off-site Releases (Transfers Off-site to Disposal)*	4,186,012	607,039	4,793,051
Total On- and Off-site Releases	**26,066,915**	**5,640,960**	**31,707,875**
Recycled On-site	24,677,110	4,923,854	29,600,964
Recycled Off-site	12,448,465	595,491	13,043,956
Energy Recovery On-site	13,770,832	0	13,770,832
Energy Recovery Off-site	655,032	1,321,042	1,976,074
Treated On-site	102,314,298	335,752	102,650,050
Treated Off-site**	4,687,121	30,231	4,717,352
Quantity Released On- and Off-site***	24,970,609	5,306,707	30,277,317
Total Production-related Waste Managed	**183,523,467**	**12,513,077**	**196,036,544**
Non-production-related Waste Managed	**153,585**	**0**	**153,585**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	11,347,715	582,848	11,930,563
Energy Recovery	684,495	1,123,917	1,808,412
Treatment	956,976	45,148	1,002,124
Publicly Owned Treatment Works (POTWs)	4,193,746	267	4,194,013
Metals and Metal Compounds*	3,447	256	3,703
Non-metal TRI Chemicals**	4,190,299	11	4,190,310
Other Off-site Transfers****	2	0	2
Transfers Off-site to Disposal *(not including metals to POTWs)*	4,731,975	627,107	5,359,082
Total Transfers Off-site for Further Waste Management/Disposal	**21,914,908**	**2,379,287**	**24,294,196**

* Transfers to POTWs of metals and metal 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 . . .

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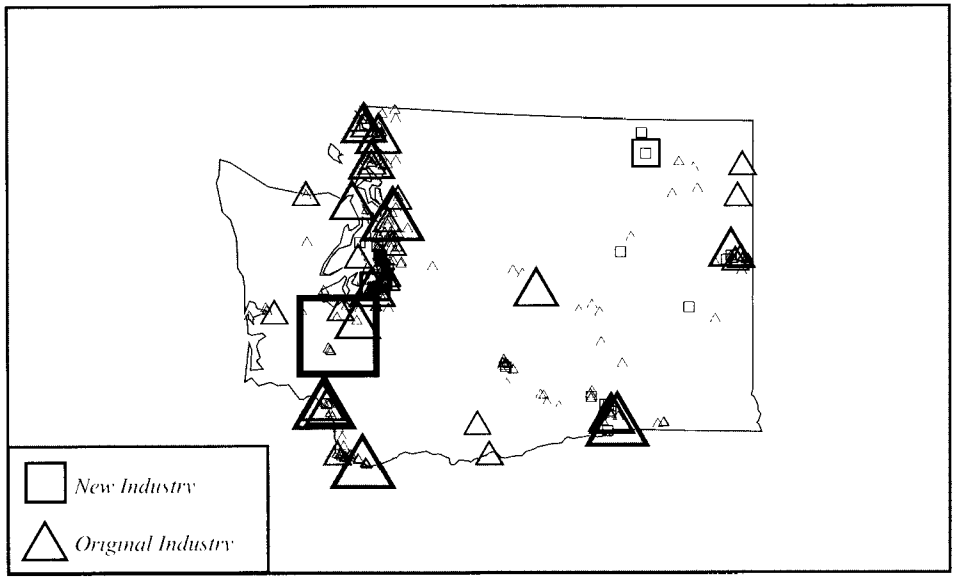
tri.us@epa.gov



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

State/TRI Data	
Population	5,908,372
Square Miles	66,581
Total Facilities	311
Total Forms	1,280
Form As	182

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	28	42	36
Pounds	26,066,915	5,640,960	31,707,875
National Rank for Total On-site Releases**			
Rank	27	44	35
Pounds	21,880,903	5,033,921	26,914,824
National Rank for Total Releases within State***			
Rank	29	43	36
Pounds	23,546,408	5,569,055	29,115,463
National Rank for Production-related Waste Managed			
Rank	28	41	32
Pounds	183,523,467	12,513,077	196,036,544

* 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

2000 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**	3,918,781	345,175	0	7	30,912	4,294,875	34	16,215	14,697
—	Barium compounds	465	10,478	0	2,243,412	464,703	2,719,058	296	237,835	226,868
7664-41-7	**Ammonia**	1,866,107	281,990	0	37,107	73,601	2,258,805	0	69,018	4,583
463-58-1	Carbonyl sulfide	2,198,010	0	0	0	0	2,198,010	0	0	0
—	**Nitrate compounds**	536	1,697,048	0	230,060	175,949	2,103,593	0	14,548	161,401

* 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

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**	93,820.88	254.20	0.00	225.59	1,807,402.35	1,901,703.02	0.00	257.65	1,807,144.70
191-24-2	Benzo(g,h,i)perylene	4,626.23	23.60	0.00	8.30	63,188.92	67,847.05	0 00	10.42	63,178.50
—	**Mercury compounds**	101.51	49.50	0.00	1,546.40	25,288.49	26,985.90	7.36	1,469.30	23,819.19
1336-36-3	Polychlorinated biphenyls (PCBs)	0 00	0.00	0.00	2,938.00	2,999.00	5,937.00	14,089 77	2,938.00	61.00
79-94-7	**Tetrabromobisphenol A**	930.00	0.00	0.00	0.00	464.00	1,394.00	0.00	0.00	464.00
7439-97-6	Mercury	481 14	1.19	0.00	106.80	29.02	618.15	0.00	23.22	5.80
1582-09-8	**Trifluralin**	51.00	0.00	0.00	243.00	0.00	294.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.09	0 10	0 00	0.05	0.18	0.41	0.00	0.16	0.02
—	***Dioxin and dioxin-like compounds (in grams)***	*40.316*	*44.260*	*0.000*	*22.046*	*80.860*	*187.481*	*0.060*	*71.032*	*9.828*
72-43-5	Methoxychlor	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
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	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Transalta Centralia Generation / Mining, Centralia, Lewis	789,939	645	0	0	0	3,453,059	4,243,643	226,279	2,330
Weyerhaeuser Co., Longview, Cowlitz	2,576,651	101,186	0	0	0	0	2,677,836	132,922	0
Fort James Camas L.L.C., Camas, Clark	1,140,681	408,547	0	0	0	1,317	1,550,545	0	820
Boise Cascade Paper Div., Wallula, Walla Walla	1,344,939	140,886	0	0	0	6,816	1,492,641	0	7
Kimberly-Clark Tissue Co., Everett, Snohomish	670,744	534,266	0	0	0	84,510	1,289,520	128,615	0
Tesoro Northwest Co., Anacortes, Skagit	884,774	1,711	0	0	0	1,016	887,501	0	73
Agrium U.S. Inc. KFO Kennewick, Kennewick, Benton	762,145	9,785	0	0	0	78,805	850,735	0	148,230
Simpson Tacoma Kraft Co , Tacoma, Pierce	678,143	142,242	0	0	0	0	820,385	268	0
Longview Fibre Co., Longview, Cowlitz	629,020	96,222	0	0	0	0	725,242	159,002	0
Alcoa Wenatchee Works, Malaga, Chelan	683,889	0	0	0	0	0	683,889	0	17,816

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

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
Reynolds Metals Co. Longview Reduction Plant, Longview, Cowlitz	56,795.60	100.70	0.00	0.00	0.00	0.00	56,896.30	3.20	1,845,567.00
Intalco Aluminum Corp., Ferndale, Whatcom	16,000.00	0.00	0.00	0.00	0.00	0.00	16,000.00	0 00	0.00
Goldendale Aluminum Co., Goldendale, Klickitat	7,700.00	0.00	0.00	0.00	0.00	0.00	7,700.00	0.00	0.00
Alcoa Wenatchee Works, Malaga, Chelan	6,966.00	0.00	0.00	0.00	0.00	0.00	6,966.00	0.00	17,652.00
Kaiser Aluminum Tacoma Works, Tacoma, Pierce	5,424.00	5.20	0.00	0.00	0.00	0.00	5,429.20	0.00	6,796.00
Allied Tech. Group Inc , Richland, Benton	0.00	0.00	0.00	0.00	2,940.00	0.00	2,940.00	2,940.00	0.00
Tosco Refining Co. Ferndale Refy., Ferndale, Whatcom	1,815.01	0.00	0.00	0.00	0.00	2.20	1,817.21	0.00	14.19
Welch's, Grandview, Yakima	1,532.69	0.00	0.00	0.00	0.00	0.00	1,532.69	0.00	0.00
Boeing Commercial Airplane Group Everett, Everett, Snohomish	930.00	0.00	0.00	0.00	0.00	0.00	930.00	0.00	0.00
Echo Bay Inc K2 Mine, Curlew, Ferry	0.00	0.00	0.00	0.00	0.00	776 60	776 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
Transalta Centralia Generation / Mining, Centralia, Lewis	0	0	0	0	92,376	0	4,473,342	4,565,718	0
Weyerhaeuser Co., Longview, Cowlitz	1,000	0	0	500	8,589,500	0	2,777,591	11,368,591	100
Reynolds Metals Co. Longview Reduction Plant, Longview, Cowlitz	0	14,547	0	0	3,333,528	5,577	2,426,254	5,779,906	0
Fort James Camas L L.C., Camas, Clark	0	0	2,705,410	0	4,083,100	7,400	1,552,778	8,348,688	0
Boise Cascade Paper Div., Wallula, Walla Walla	0	0	29,000	0	31,065,900	0	1,491,765	32,586,665	0
Kimberly-Clark Tissue Co., Everett, Snohomish	0	0	168,000	0	3,872,400	0	1,418,305	5,458,705	0
Agrium U.S. Inc. KFO Kennewick, Kennewick, Benton	0	0	0	0	0	0	999,220	999,220	63,950
Tesoro Northwest Co., Anacortes, Skagit	546,081	0	2,273,000	0	729,612	1,589	883,554	4,433,836	0
Longview Fibre Co., Longview, Cowlitz	29,000	0	230,490	0	8,547,400	0	882,770	9,689,660	0
Simpson Tacoma Kraft Co , Tacoma, Pierce	0	0	291,000	0	6,416,580	0	756,716	7,464,296	20

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

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
Reynolds Metals Co. Longview Reduction Plant, Longview, Cowlitz	0	0	0	0	0	1,822	1,902,618	1,904,440	0
Alcoa Wenatchee Works, Malaga, Chelan	113,052	0	0	0	0	0	24,618	137,670	0
Georgia-Pacific West Inc., Bellingham, Whatcom	110,000	0	0	0	0	0	23,000	133,000	0
Intalco Aluminum Corp., Ferndale, Whatcom	2,638	0	0	0	2,638	0	16,000	21,276	0
Kaiser Aluminum Tacoma Works, Tacoma, Pierce	0	0	0	0	133,913	0	12,225	146,138	0
Goldendale Aluminum Co., Goldendale, Klickitat	0	0	0	0	14,605	0	7,700	22,305	0
Tosco Refining Co. Ferndale Refy., Ferndale, Whatcom	8,540	0	0	0	0	17	1,849	10,406	2
Welch's, Grandview, Yakima	0	0	0	0	0	0	1,533	1,533	0
Boeing Commercial Airplane Group Everett, Everett, Snohomish	0	0	0	0	0	0	930	930	0
Echo Bay Inc. K2 Mine, Curlew, Ferry	0	0	0	0	0	0	767	767	0

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

2000 Toxics Release Inventory

WEST VIRGINIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	13,717,422	77,832,034	91,549,456
Air Emissions	9,842,330	63,531,066	73,373,396
Surface Water Discharges	3,851,047	816,286	4,667,332
Underground Injection Class I Wells	10	14,399	14,409
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	6,604	0	6,604
Other On-site Land Releases	17,431	13,470,284	13,487,715
Off-site Releases (Transfers Off-site to Disposal)*	3,812,509	2,351,638	6,164,147
Total On- and Off-site Releases	**17,529,931**	**80,183,672**	**97,713,602**
Recycled On-site	46,512,553	0	46,512,553
Recycled Off-site	15,915,612	641,523	16,557,135
Energy Recovery On-site	30,192,865	0	30,192,865
Energy Recovery Off-site	13,014,364	0	13,014,364
Treated On-site	130,739,449	37,242,631	167,982,079
Treated Off-site**	6,921,442	0	6,921,442
Quantity Released On- and Off-site***	17,572,626	80,137,467	97,710,093
Total Production-related Waste Managed	**260,868,910**	**118,021,620**	**378,890,530**
Non-production-related Waste Managed	**87,425**	**18**	**87,443**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	6,449,394	641,911	7,091,305
Energy Recovery	13,099,011	0	13,099,011
Treatment	4,404,441	0	4,404,441
Publicly Owned Treatment Works (POTWs)	2,485,085	5	2,485,090
Metals and Metal Compounds*	4,248	5	4,253
Non-metal TRI Chemicals**	2,480,837	0	2,480,837
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal *(not including metals to POTWs)*	3,888,830	2,351,643	6,240,473
Total Transfers Off-site for Further Waste Management/Disposal	**30,326,760**	**2,993,559**	**33,320,319**

* Transfers to POTWs of metals and metal 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

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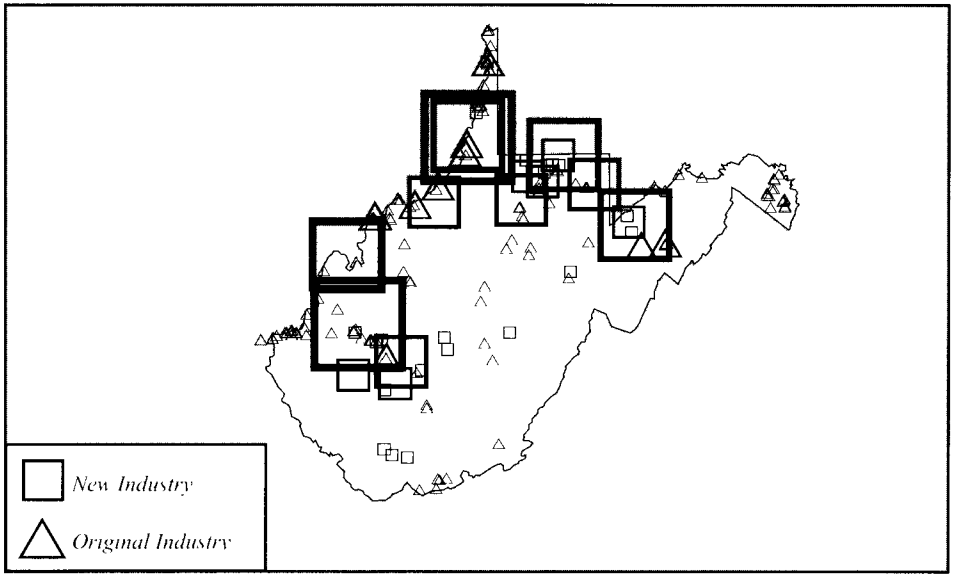

The largest marker in the state map represents the largest facility for on-site releases in the state of West Virginia All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	1,807,099
Square Miles	24,087
Total Facilities	189
Total Forms	1,041
Form As	67

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	34	10	21
Pounds	17,529,931	80,183,672	97,713,602
National Rank for Total On-site Releases**			
Rank	34	8	21
Pounds	13,717,422	77,832,034	91,549,456
National Rank for Total Releases within State***			
Rank	34	10	22
Pounds	15,665,684	80,228,124	95,893,807
National Rank for Production-related Waste Managed			
Rank	27	12	27
Pounds	260,868,910	118,021,620	378,890,530

* 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

2000 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**	**53,917,866**	**1,403**	**0**	**0**	**7,930**	**53,927,199**	**0**	**0**	**7,930**
7664-93-9	Sulfuric acid	5,782,379	0	0	0	0	5,782,379	0	0	0
—	**Barium compounds**	**56,046**	**28,307**	**0**	**4,865,055**	**826,183**	**5,775,591**	**6,396**	**821,575**	**4,608**
7664-39-3	Hydrogen fluoride	4,196,330	13,398	0	0	0	4,209,728	0	0	0
—	**Nitrate compounds**	**0**	**3,294,438**	**0**	**1,762**	**0**	**3,296,200**	**0**	**0**	**0**

* 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

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**	**20,321.11**	**69.21**	**0.00**	**31.00**	**401,168.60**	**421,589.92**	**52.21**	**307,658.60**	**93,510.00**
191-24-2	Benzo(g,h,i)perylene	754.94	0.48	0.00	13.00	40,743.30	41,511.72	9.40	40,296.30	447.00
—	**Mercury compounds**	**5,657.23**	**11.00**	**0.00**	**3,303.50**	**1,046.06**	**10,017.78**	**128.20**	**832.06**	**214.00**
7439-97-6	Mercury	1,387.39	163.51	0.00	2,630.00	94.81	4,275.71	0.00	0.01	94.80
79-94-7	**Tetrabromobisphenol A**	**1.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.00**	**0.00**	**0.00**	**0.00**
—	Dioxin and dioxin-like compounds	0.15	0.01	0.00	0.00	0.00	0.16	0.00	0.00	0.00
—	***Dioxin and dioxin-like compounds (in grams)***	***66.625***	***2.807***	***0.000***	***0.160***	***0.938***	***70.529***	***0.000***	***0.869***	***0.069***
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.

2000 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
John E. Amos Power Plant, Winfield, Putnam	14,552,282	6,569	0	0	0	956,399	15,515,250	1,527,421	110
American Electric Power Mitchell Plant, Moundsville, Marshall	9,734,269	14,359	0	0	0	1,485,830	11,234,458	7,621	51
Allegheny Energy Inc. Fort Martin Power Station, Maidsville, Monongalia	7,890,917	2,753	0	0	0	192,702	8,086,372	0	0
American Electric Power Mountaineer Plant, New Haven, Mason	6,422,850	2,328	0	0	0	1,120,960	7,546,138	1	1,325
Mt. Storm Power Station, Mount Storm, Grant	5,320,715	2,255	0	0	0	2,106,100	7,429,070	0	0
American Electric Power. Philip Sporn Plant, New Haven, Mason	4,592,806	5,354	0	0	0	1,170,830	5,768,990	1	2,459
American Electric Power Kammer Plant, Moundsville, Marshall	4,866,543	46,900	0	0	0	354,270	5,267,713	2,561	0
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	2,732,933	1,592	0	0	0	1,458,070	4,192,595	0	0
Allegheny Energy Inc. Harrison Power Station, Haywood, Harrison	1,293,365	2,641	0	0	0	2,230,660	3,526,666	0	0
Allegheny Energy Inc. Albright Power Station, Albright, Preston	2,063,060	64	0	0	0	215,085	2,278,209	0	0

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

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
Koppers Inds. Follansbee Tar Plant, Follansbee, Brooke	9,653.00	0.00	0.00	0.00	0.00	0.00	9,653.00	329,418.00	0.00
Wheeling-pittsburgh Steel Corp. Steubenville East, Follansbee, Brooke	6,671.00	66.00	0.00	0.00	0.00	0.00	6,737.00	0.00	1,110.00
Elkem Metals Co. Alloy L.P., Alloy, Fayette	3,451.00	0.00	0.00	0.00	0.00	0.00	3,451.00	0.00	0.00
Mt. Storm Power Station, Mount Storm, Grant	1,905.20	11.00	0.00	0.00	0.00	100.00	2,016.20	0.00	0.00
Patriot Mining Co. Inc. Dents Run Mine, Star City, Monongalia	0.00	76.50	0.00	0.00	0.00	1,275.00	1,351.50	0.00	0.00
PPG Inds. Inc., New Martinsville, Marshall	1,227.00	12.01	0.00	0.00	0 00	0.00	1,239 01	0.00	93.00
Allegheny Energy Inc. Harrison Power Station, Haywood, Harrison	430.00	0.00	0.00	0.00	0.00	660.00	1,090.00	0.00	0.00
John E. Amos Power Plant, Winfield, Putnam	706.23	0.00	0.00	0.00	0.00	199.00	905.23	346.00	0.00
Patriot Mining Co. Inc. Crown Mine, Star City, Monongalia	0.00	50.00	0.00	0.00	0.00	837.00	887.00	0.00	0.00
American Electric Power. Philip Sporn Plant, New Haven, Mason	502.57	0.00	0.00	0.00	0.00	270.00	772.57	0.00	2.00

* 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
John E. Amos Power Plant, Winfield, Putnam	0	67,600	0	0	2,793,000	0	17,034,206	19,894,806	0
American Electric Power Mitchell Plant, Moundsville, Marshall	0	125,300	0	0	1,015,000	0	11,245,943	12,386,243	0
Allegheny Energy Inc. Fort Martin Power Station, Maidsville, Monongalia	0	0	0	0	0	0	8,078,850	8,078,850	0
American Electric Power Mountaineer Plant, New Haven, Mason	0	22,400	0	0	713,000	0	7,542,193	8,277,593	0
Mt. Storm Power Station, Mount Storm, Grant	0	0	0	0	4,900,155	0	7,427,905	12,328,060	0
American Electric Power. Philip Sporn Plant, New Haven, Mason	0	20,820	0	0	1,642,000	0	5,776,373	7,439,193	0
American Electric Power Kammer Plant, Moundsville, Marshall	0	133,800	0	0	1,624,000	0	5,266,052	7,023,852	0
Pleasants/Willow Island Power Stations, Willow Island, Pleasants	0	0	0	0	9,070,000	0	4,186,680	13,256,680	0
Allegheny Energy Inc. Harrison Power Station, Haywood, Harrison	0	0	0	0	14,700,000	0	3,522,100	18,222,100	0
American Electric Power Kanawha River Plant, Glasgow, Kanawha	0	27,910	0	0	715,000	0	2,422,301	3,165,211	0

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

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	9,520	0	0	0	1,200	0	339,000	349,720	0
Koppers Inds. Inc., Green Spring, Hampshire	0	0	0	0	0	0	93,450	93,450	0
UCAR Carbon Co. Inc., Anmoore, Harrison	0	0	11	10,260	4,267	0	19,759	34,297	0
Wheeling-Pittsburgh Steel Corp. Steubenville East, Follansbee, Brooke	0	0	0	0	2,100	0	7,770	9,870	0
Century Aluminum of West Virginia Inc., Ravenswood, Jackson	0	0	0	0	0	0	7,658	7,658	0
Elkem Metals Co. Alloy L.P., Alloy, Fayette	0	0	0	0	0	0	3,451	3,451	0
Mt. Storm Power Station, Mount Storm, Grant	0	0	0	0	155	0	1,905	2,060	0
Patriot Mining Co Inc. Dents Run Mine, Star City, Monongalia	0	0	0	0	0	0	1,275	1,275	0
PPG Inds. Inc., New Martinsville, Marshall	105,510	0	0	0	0	706	1,240	107,456	0
John E. Amos Power Plant, Winfield, Putnam	0	0	0	0	0	0	1,206	1,206	0

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

2000 Toxics Release Inventory

WISCONSIN

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	27,287,195	7,222,856	34,510,051
Air Emissions	22,759,612	6,268,285	29,027,896
Surface Water Discharges	3,541,861	21,312	3,563,174
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	14,498	0	14,498
Other On-site Land Releases	971,224	933,259	1,904,483
Off-site Releases (Transfers Off-site to Disposal)*	10,630,894	4,537,775	15,168,668
Total On- and Off-site Releases	**37,918,089**	**11,760,631**	**49,678,719**
Recycled On-site	57,676,098	12,768,912	70,445,010
Recycled Off-site	54,597,131	404,156	55,001,286
Energy Recovery On-site	13,056,592	979,175	14,035,767
Energy Recovery Off-site	16,919,448	13,802,345	30,721,793
Treated On-site	115,970,581	2,285,307	118,255,888
Treated Off-site**	13,916,868	973,307	14,890,175
Quantity Released On- and Off-site***	37,957,369	11,365,365	49,322,734
Total Production-related Waste Managed	**310,094,086**	**42,578,567**	**352,672,652**
Non-production-related Waste Managed	**261,811**	**59,993**	**321,804**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	53,877,427	425,431	54,302,858
Energy Recovery	16,000,684	13,234,458	29,235,142
Treatment	8,690,052	1,366,563	10,056,615
Publicly Owned Treatment Works (POTWs)	6,202,259	661	6,202,920
Metals and Metal Compounds*	61,719	103	61,822
Non-metal TRI Chemicals**	6,140,541	558	6,141,099
Other Off-site Transfers****	321	0	321
Transfers Off-site to Disposal *(not including metals to POTWs)*	11,031,391	4,538,437	15,569,828
Total Transfers Off-site for Further Waste Management/Disposal	**95,802,135**	**19,565,549**	**115,367,684**

* Transfers to POTWs of metals and metal 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 . . .

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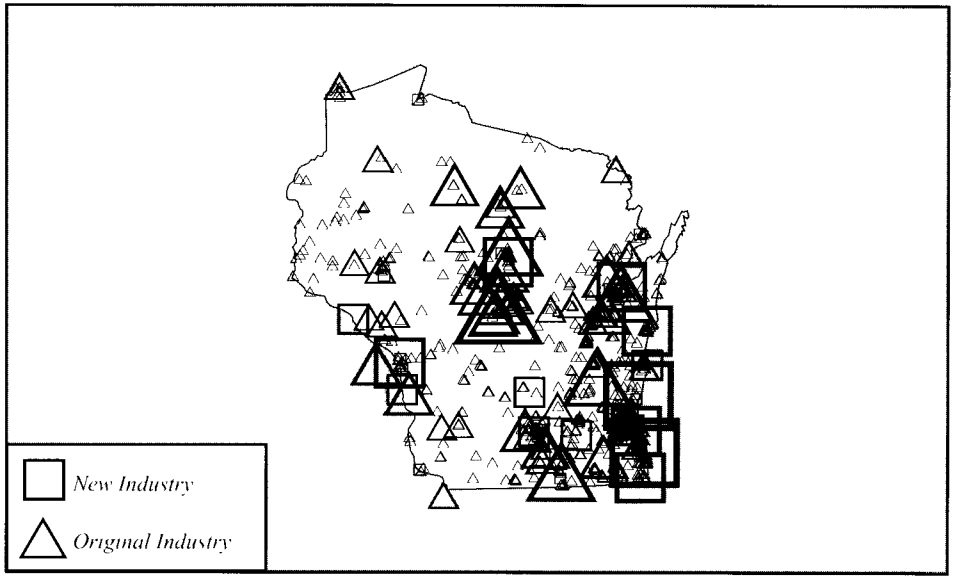

The largest marker in the state map represents the largest facility for on-site releases in the state of Wisconsin All markers are proportionally-sized to represent the on-site releases at each facility within this state

State/TRI Data	
Population	5,372,243
Square Miles	54,314
Total Facilities	870
Total Forms	2,832
Form As	400

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	23	34	30
Pounds	37,918,089	11,760,631	49,678,719
National Rank for Total On-site Releases**			
Rank	23	40	32
Pounds	27,287,195	7,222,856	34,510,051
National Rank for Total Releases within State***			
Rank	22	34	29
Pounds	38,958,613	10,903,970	49,862,582
National Rank for Production-related Waste Managed			
Rank	24	29	28
Pounds	310,094,086	42,578,567	352,672,652

* 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

2000 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	5,964,815	0	0	0	0	5,964,815	0	0	0
67-56-1	Methanol	5,305,006	83,464	0	29,353	2,731	5,420,554	930	2,731	0
—	Nitrate compounds	676	3,190,151	0	475,596	538,321	4,204,744	5,274	538,049	272
—	Barium compounds	35,709	9,238	0	801,896	2,541,638	3,388,481	101,095	2,034,179	507,460
—	Zinc compounds	64,115	4,842	0	61,222	3,178,616	3,308,795	984,061	1,787,516	1,391,100

* 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

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
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	1,581.00	1,581.00	3,162.00	0.00	1,581.00	0.00
—	Mercury compounds	2,214.75	3.65	0.00	84.76	256.34	2,559 51	271.30	129.03	127 32
—	Polycyclic aromatic compounds	651.57	16.04	0.00	61.24	1,807.80	2,536.66	0.00	1,775.40	32.40
7439-97-6	Mercury	1,276.72	0.86	0.00	214.74	768.91	2,261.22	0.00	91.23	677.68
1336-36-3	Polychlorinated biphenyls (PCBs)	0.00	0.00	0.00	0.00	79.52	79.52	1,202.00	66.40	13.12
191-24-2	Benzo(g,h,i)perylene	10.21	2.00	0.00	0 23	32.49	44.92	0 00	31.49	1.00
1582-09-8	Trifluralin	0.11	0.00	0.00	0.00	2.70	2.81	0.00	2.70	0.00
—	Dioxin and dioxin-like compounds	0.14	0.00	0.00	0.01	0.10	0.25	0.01	0 10	0.00
—	*Dioxin and dioxin-like compounds (in grams)*	*61.976*	*0.843*	*0.000*	*3.019*	*46.849*	*112.686*	*4.528*	*46.849*	*0.000*
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	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
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

2000 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							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
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	3,010,143	1,000	0	0	0	84,010	3,095,153	150,020	0
Fort James Operating Co , Green Bay, Brown	1,257,406	481,089	0	0	0	0	1,738,495	59,413	0
Port Washington Power Plant, Port Washington, Ozaukee	1,622,416	90	0	0	0	0	1,622,506	3,658	10,725
Oak Creek Power Plant, Oak Creek, Milwaukee	1,263,094	6,731	0	0	0	192,523	1,462,348	92,462	742,075
Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon	506,391	715,519	0	0	0	0	1,221,910	1,417	0
Gmtg Janesville Assembly, Janesville, Rock	1,039,400	0	0	0	0	0	1,039,400	2,270	11,055
Quad/Graphics Inc., Lomira, Dodge	926,595	0	0	0	0	0	926,595	460	0
Georgia-Pacific Corp. Nekoosa Mill, Nekoosa, Wood	502,576	314,703	0	0	0	25,347	842,626	52,198	0
International Paper Kaukauna Facility, Kaukauna, Outagamie	543,078	23,063	0	0	0	129,841	695,982	0	0
Crucible Materials Corp. Trent Tube Plants 1 2 & 3, East Troy, Walworth	213,895	352,591	0	0	0	0	566,486	18,237	0

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

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
Isola Laminate Sys. Corp., La Crosse, La Crosse	0.00	0.00	0.00	0.00	0.00	1,581.00	1,581.00	1,581.00	0.00
Vulcan Materials Co. Port Edwards Plant, Port Edwards, Wood	1,110.94	2.36	0.00	0.00	189.29	7.38	1,309.98	53.99	142.69
Pleasant Prairie Power Plant, Kenosha, Kenosha	596.00	0.00	0.00	0.00	0.00	0.40	596.40	1.40	7.20
Columbia Energy Center, Portage, Columbia	527.53	0.02	0.00	0.00	0.00	1.00	528.54	0.00	0.00
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	427.80	0.00	0.00	0.00	0.00	9.90	437.70	20.20	0.00
Edgewater Generating Station, Sheboygan, Sheboygan	280.23	0.00	0.00	0.00	0.00	0.00	280.23	30.80	0.00
Dairyland Power Co-op. Alma Site, Alma, Buffalo	221.00	0.00	0.00	0.00	0.00	0.00	221.00	6.50	0.00
Oak Creek Power Plant, Oak Creek, Milwaukee	142.00	0.00	0.00	0.00	0.00	17.00	159.00	1.00	75.00
Weston Power Plant, Rothschild, Marathon	150.60	0.00	0.00	0.00	0.00	6.00	156.60	0.00	0.00
Pulliam Power Plant, Green Bay, Brown	81.80	0.00	0.00	0.00	0.00	12.60	94.40	0.00	0.00

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

2000 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	2,696,760	0	500,000	6,760,450	3,243,330	13,200,540	0
Oak Creek Power Plant, Oak Creek, Milwaukee	0	0	0	0	0	0	2,297,064	2,297,064	0
Fort James Operating Co., Green Bay, Brown	0	0	266	0	303,890	0	1,797,832	2,101,988	0
Port Washington Power Plant, Port Washington, Ozaukee	0	0	0	0	0	0	1,636,888	1,636,888	0
Charter Mfg. Charter Steel Div., Saukville, Ozaukee	0	970,000	0	0	201,000	520	1,633,200	2,804,720	0
Dairyland Power Co-op. Alma Site, Alma, Buffalo	0	0	0	0	0	0	1,429,230	1,429,230	0
Waupaca Fndy. Inc. Plant 2/3, Waupaca, Waupaca	0	878,370	0	0	91,300	6,735	1,306,503	2,282,908	0
Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon	0	0	0	0	730,423	0	1,223,327	1,953,750	0
Edgewater Generating Station, Sheboygan, Sheboygan	0	0	0	0	15,000	0	1,117,381	1,132,381	0
Gmtg Janesville Assembly, Janesville, Rock	0	865,000	0	0	359,600	69,050	1,049,000	2,342,650	0

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

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
Brillion Iron Works Inc., Brillion, Calumet	0	0	0	0	0	0	1,780	1,780	0
Isola Laminate Sys. Corp., La Crosse, La Crosse	0	0	0	0	0	0	1,581	1,581	0
Vulcan Materials Co. Port Edwards Plant, Port Edwards, Wood	4,454	0	0	0	0	0	1,309	5,763	0
Pleasant Prairie Power Plant, Kenosha, Kenosha	0	0	0	0	0	0	605	605	0
Columbia Energy Center, Portage, Columbia	0	0	0	0	0	0	529	529	0
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	0	0	0	0	0	0	460	460	0
Superior Special Services Inc., Port Washington, Ozaukee	3,529	0	0	0	0	0	400	3,929	0
Edgewater Generating Station, Sheboygan, Sheboygan	0	0	0	0	0	0	311	311	0
Oak Creek Power Plant, Oak Creek, Milwaukee	0	0	0	0	0	0	235	235	0
Dairyland Power Co-op Alma Site, Alma, Buffalo	0	0	0	0	0	0	230	230	0

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

2000 Toxics Release Inventory

WYOMING

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	*New Industry*	*Total*
On-site Releases	10,684,775	9,212,223	19,896,998
Air Emissions	1,297,082	743,804	2,040,886
Surface Water Discharges	11,086	13,435	24,521
Underground Injection Class I Wells	9,364,900	0	9,364,900
Underground Injection Class II-V Wells	505	0	505
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	11,202	8,454,984	8,466,185
Off-site Releases (Transfers Off-site to Disposal)*	430,003	804,448	1,234,450
Total On- and Off-site Releases	**11,114,777**	**10,016,671**	**21,131,448**
Recycled On-site	1,479,545	0	1,479,545
Recycled Off-site	93,400	313,000	406,400
Energy Recovery On-site	174,934	0	174,934
Energy Recovery Off-site	3,271	0	3,271
Treated On-site	3,477,631	4,691,489	8,169,120
Treated Off-site**	1,106	0	1,106
Quantity Released On- and Off-site***	11,603,835	10,304,858	21,908,692
Total Production-related Waste Managed	**16,833,722**	**15,309,347**	**32,143,069**
Non-production-related Waste Managed	**0**	**1,442**	**1,442**
Transfers Off-site for Further Waste Management/Disposal			
Recycling	93,410	313,000	406,410
Energy Recovery	3,206	0	3,206
Treatment	1,570	0	1,570
Publicly Owned Treatment Works (POTWs)	270	10	280
Metals and Metal Compounds*	15	0	15
Non-metal TRI Chemicals**	255	10	265
Other Off-site Transfers****	0	124	124
Transfers Off-site to Disposal *(not including metals to POTWs)*	950,250	804,448	1,754,698
Total Transfers Off-site for Further Waste Management/Disposal	**1,048,706**	**1,117,582**	**2,166,288**

* Transfers to POTWs of metals and metal 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 . . .

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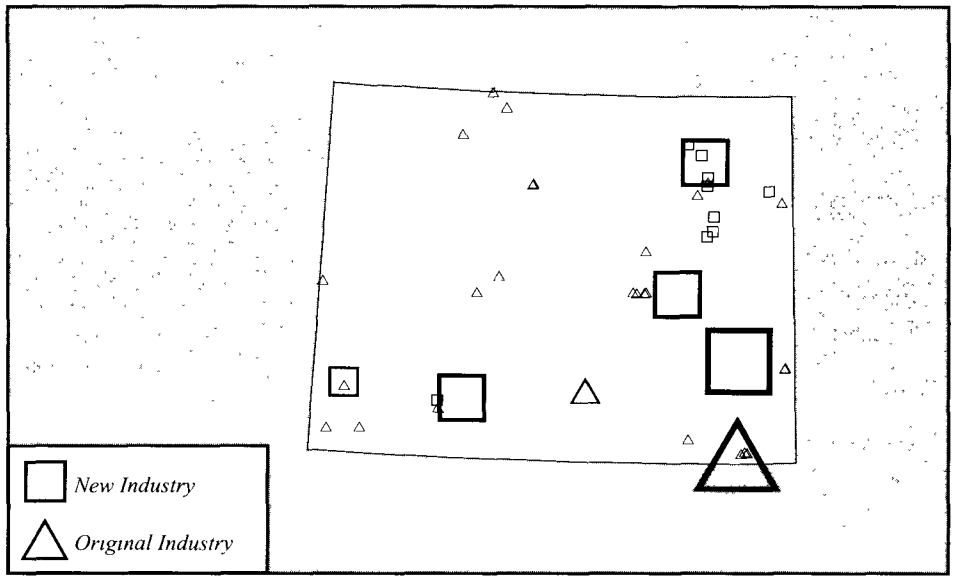
(202) 566-0250
tri.us@epa.gov



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

State/TRI Data	
Population	494,001
Square Miles	97,105
Total Facilities	43
Total Forms	259
Form As	28

	Original Industry	*New Industry*	*Total*
National Rank for Total On- and Off-site Releases*			
Rank	36	36	41
Pounds	11,114,777	10,016,671	21,131,448
National Rank for Total On-site Releases**			
Rank	36	37	40
Pounds	10,684,775	9,212,223	19,896,998
National Rank for Total Releases within State***			
Rank	36	35	41
Pounds	10,692,677	10,009,603	20,702,280
National Rank for Production-related Waste Managed			
Rank	47	39	46
Pounds	16,833,722	15,309,347	32,143,069

* 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

2000 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
—	**Nitrate compounds**	**0**	**0**	**8,994,000**	**346**	**0**	**8,994,346**	**0**	**0**	**0**
—	Barium compounds	38,302	7,922	0	6,326,864	651,304	7,024,392	0	651,304	0
7664-41-7	**Ammonia**	**572,799**	**10,015**	**325,000**	**7,954**	**0**	**915,768**	**0**	**0**	**0**
—	Manganese compounds	8,203	4,959	0	719,309	46,255	778,726	0	46,255	0
—	**Zinc compounds**	**4,986**	**257**	**0**	**113,650**	**642,895**	**761,788**	**5**	**26,000**	**616,895**

* 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.

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
—	**Mercury compounds**	**1,658.96**	**0.00**	**0.00**	**1,437.72**	**56.93**	**3,153.60**	**0.00**	**56.20**	**0.73**
—	Polycyclic aromatic compounds	1,329.36	1.06	0.00	0 00	109 00	1,439.42	1.00	0.00	109.00
7439-97-6	**Mercury**	**29.42**	**0.00**	**0.00**	**220.59**	**0.01**	**250.03**	**0.00**	**0.01**	**0.00**
191-24-2	Benzo(g,h,i)perylene	189.40	0 12	0.00	0.00	23.18	212 70	0.00	0 00	23.18
—	**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)*	*15.179*	*0.000*	*0 000*	*0.000*	*0.000*	*15.179*	*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

2000 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							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
Coastal Chem Inc., Cheyenne, Laramie	**354,545**	**0**	**9,364,900**	**0**	**0**	**0**	**9,719,445**	**0**	**0**
Laramie River Station, Wheatland, Platte	89,255	0	0	0	0	3,315,703	3,404,958	0	0
Jim Bridger Power Plant / Bridger Coal Co., Point of Rocks, Sweetwater	**316,597**	**0**	**0**	**0**	**0**	**1,860,979**	**2,177,576**	**0**	**124**
Pacificorp Dave Johnston Plant, Glenrock, Converse	203,134	12,586	0	0	0	1,674,490	1,890,209	0	0
Neil Simpson Complex, Gillette, Campbell	**10,369**	**68**	**0**	**0**	**0**	**1,181,509**	**1,191,946**	**0**	**0**
Naughton Power Plant, Kemmerer, Lincoln	98,871	553	0	0	0	340,043	439,467	0	0
Sinclair Oil Corp., Sinclair, Carbon	**243,112**	**0**	**0**	**0**	**0**	**52**	**243,164**	**0**	**282**
Crown Cork & Seal Co. Inc., Worland, Washakie	163,000	0	0	0	0	0	163,000	255	0
Holly Sugar Corp., Worland, Washakie	**94,700**	**0**	**0**	**0**	**0**	**4,000**	**98,700**	**0**	**0**
SF Phosphates Ltd Co., Rock Springs, Sweetwater	96,260	0	0	0	0	72	96,332	0	0

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

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
Laramie River Station, Wheatland, Platte	**400.01**	**0.00**	**0.00**	**0.00**	**0.00**	**1,123.00**	**1,523.01**	**0.00**	**0.00**
Jim Bridger Power Plant / Bridger Coal Co., Point of Rocks, Sweetwater	542.51	0.00	0.00	0.00	0.00	138.10	680.61	0.00	0.36
Sinclair Oil Corp., Sinclair, Carbon	**586.98**	**0.00**	**0.00**	**0.00**	**0.00**	**52.46**	**639.44**	**0.00**	**22.39**
Sinclair Oil Corp Casper Refy., Casper, Natrona	505.23	0.00	0.00	0.00	0.00	22.56	527.79	0.00	0.00
Wyoming Refining Co., Newcastle, Weston	**420.06**	**1.18**	**0.00**	**0.00**	**0.00**	**0.00**	**421.24**	**0.00**	**0.00**
Pacificorp Dave Johnston Plant, Glenrock, Converse	317.60	0.00	0.00	0.00	0.00	58.60	376.20	0.00	0.00
Naughton Power Plant, Kemmerer, Lincoln	**122.90**	**0.00**	**0.00**	**0.00**	**0.00**	**43.00**	**165.90**	**0.00**	**0.36**
Wyodak Plant, Gillette, Campbell	163.71	0.00	0.00	0.00	0.00	0.00	163.71	54.60	0.00
Neil Simpson Complex, Gillette, Campbell	**0.97**	**0.00**	**0.00**	**0.00**	**0.00**	**148.10**	**149.07**	**0.00**	**0.00**
Mountain Cement Co., Laramie, Albany	100.33	0.00	0.00	0.00	0.00	0.00	100.33	0.00	0.00

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

2000 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	4,400	0	0	0	0	9,720,243	9,724,643	0
Laramie River Station, Wheatland, Platte	0	0	0	0	0	0	3,409,000	3,409,000	0
Jim Bridger Power Plant / Bridger Coal Co., Point of Rocks, Sweetwater	0	313,000	0	0	2,900,000	0	2,481,781	5,694,781	0
Pacificorp Dave Johnston Plant, Glenrock, Converse	0	0	0	0	288,000	0	1,866,876	2,154,876	0
Neil Simpson Complex, Gillette, Campbell	0	0	0	0	43,463	0	1,191,946	1,235,409	0
Tetra Micronutrients Inc., Cheyenne, Laramie	0	0	0	0	0	0	917,895	917,895	0
Wyodak Plant, Gillette, Campbell	0	0	0	0	300,000	0	824,651	1,124,651	0
Naughton Power Plant, Kemmerer, Lincoln	0	0	0	0	1,160,000	0	439,166	1,599,166	0
Sinclair Oil Corp., Sinclair, Carbon	199,363	0	137,685	0	628,048	419	243,584	1,209,099	0
Crown Cork & Seal Co. Inc., Worland, Washakie	0	0	0	0	12,000	7	163,150	175,157	0

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

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
Laramie River Station, Wheatland, Platte	0	0	0	0	0	0	1,500	1,500	0
Sinclair Oil Corp., Sinclair, Carbon	0	0	137,685	0	0	45	684	138,414	0
Jim Bridger Power Plant / Bridger Coal Co., Point of Rocks, Sweetwater	0	0	0	0	0	0	681	681	0
Wyoming Refining Co., Newcastle, Weston	0	0	0	0	421	0	421	842	0
Pacificorp Dave Johnston Plant, Glenrock, Converse	0	0	0	0	0	0	376	376	0
Wyodak Plant, Gillette, Campbell	0	0	0	0	0	0	251	251	0
Naughton Power Plant, Kemmerer, Lincoln	0	0	0	0	0	0	166	166	0
Neil Simpson Complex, Gillette, Campbell	0	0	0	0	0	0	149	149	0
Frontier Refining Inc., Cheyenne, Laramie	0	0	0	0	0	0	114	114	0
Mountain Cement Co., Laramie, Albany	0	0	0	0	0	0	100	100	0

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