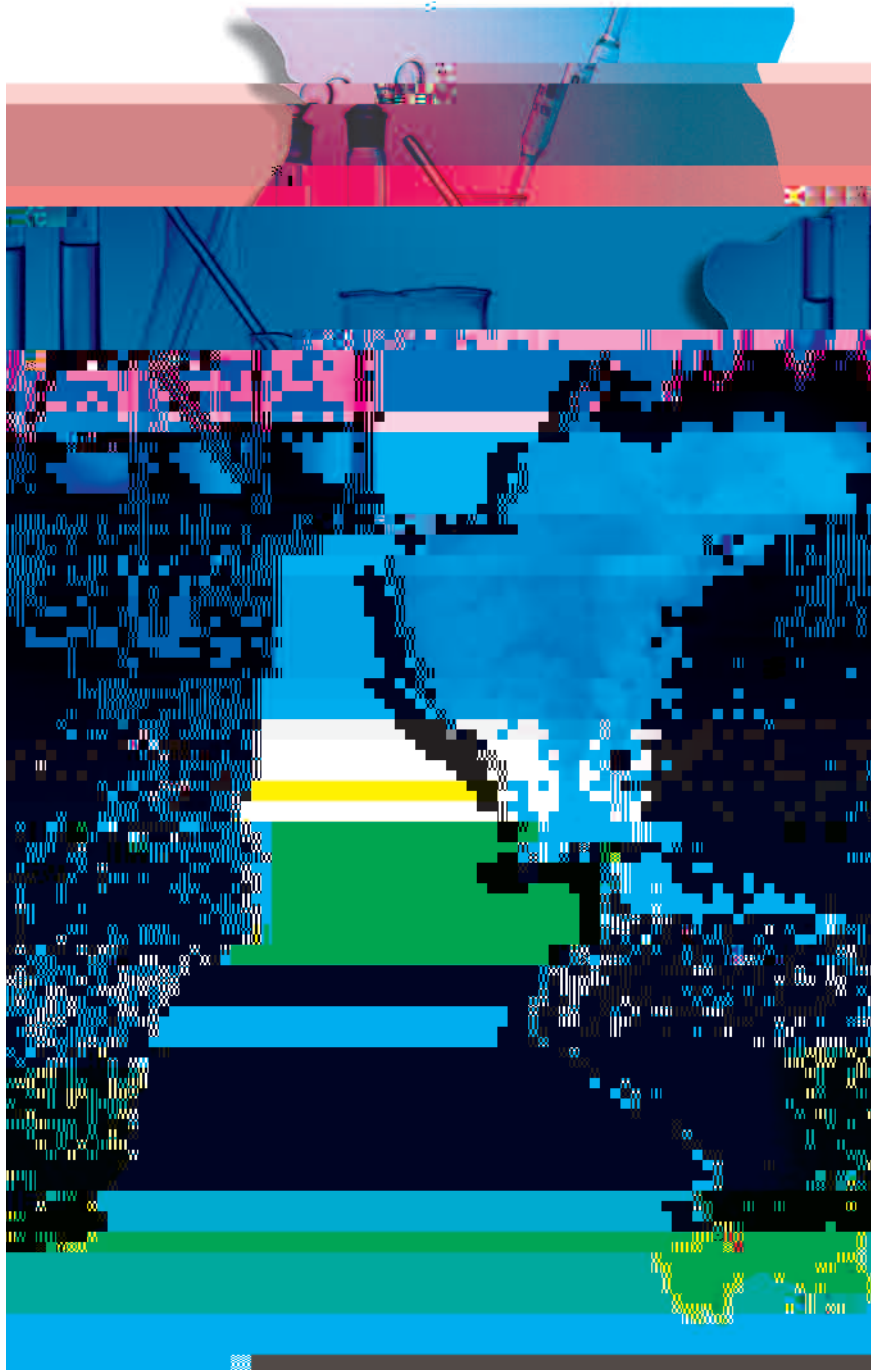


# Seventeenth Annual Toxic Chemical Report



## EXECUTIVE SUMMARY

Under the federal Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA), affected companies must report “on- and off-site disposal or other releases” to the environment of more than 650 toxic chemicals. The 17th Annual Toxic Chemical Report documents reported releases of toxic chemicals in Illinois for calendar year 2003, the most recent data available.

In 2003, 1,239 facilities in Illinois reported toxic chemical releases of 132,401,173 pounds, which is the 9th largest amount among states. The most common type of release was air emissions, accounting for approximately 42 percent of reported releases. The top five Illinois counties for reported toxic releases were: 1. Peoria 2. Cook 3. Madison 4. Montgomery 5. Macon.

Total releases in 2003 decreased slightly from 133,180,128 pounds reported for 2002. There have been substantial reductions in Illinois and nationally since reporting began in 1988. Although it is difficult to compare annual data because of changes to the reporting requirements over the years, the downward trend in releases is apparent. For example, using a 1988 baseline, which only includes the chemicals and industries that were subject to reporting in 1988, releases in Illinois have declined from nearly 140 million pounds in 1988 to about 60 million pounds in 2003, resulting in a 54 percent decrease.

Using a 1998 baseline, which includes chemicals and industries added to the reporting requirements from 1988 through 1998, releases declined from approximately 165 million pounds in 1998 to 130 million pounds annually in 2003,

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**“RCRA Subtitle C Landfill”**- The amount of toxic chemicals released to a landfill permitted under Subtitle C of the federal Resource Conservation and Recovery Act (RCRA).

**“Other Land Releases”** – Releases to land occur within the boundaries of the reporting facility. Releases to land include disposal in landfills (in which wastes are buried), land treatment/application farming (in which a waste containing a listed chemical is applied to or incorporated into soil), surface impoundments (which are uncovered holding areas used to volatilize and/or settle waste materials), and other land disposal methods (such as waste piles) or releases to land (such as spills or leak). Beginning with the 1996 reporting year, facilities separately report amounts released to RCRA subtitle C landfills from amounts released to other on-site landfills.

### ***Limitations on Use of Information***

TRI reports reflect releases, transfers and waste management activities of chemicals, not exposures of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on

## ILLINOIS TOXIC RELEASE TRENDS

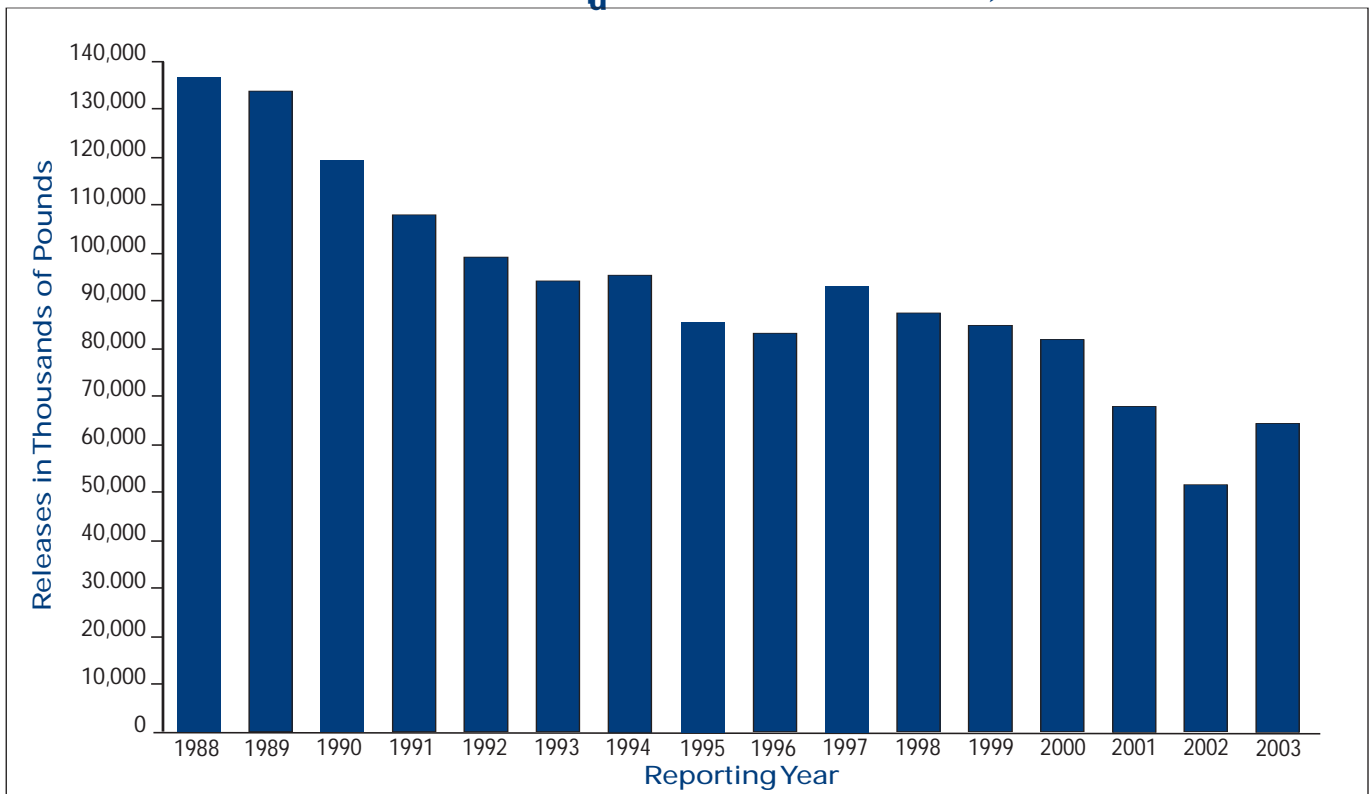
### *How to Compare Data Across Years*

As the tables below demonstrate, there has been a general downward trend in toxic chemical releases since 1988. However, due to changes to the TRI reporting requirements over the years, it is difficult to compare annual data. Industries and chemicals have been added to the reporting requirements since EPCRA was passed in 1987, and the threshold levels for reporting certain chemicals have also changed.

**Table 3: Total On- and Off-Site Discharges of Other Releases Reported  
(in thousands of pounds, 1988-2003 Industries)**



**Table 4: Total On- and Off-Site Discharges of Other Releases Reported  
(in thousands of pounds, 1988-2003 Industries in (Sectors 20-3))**







**Table 3: 20 Facilities  
Total On-site and Off-site Disposal of Other Regulated Releases (in pounds)  
of TCEs and PCBs 2003 - Illinois**

	County	City	County or Parish or County Equivalent	Zip	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	PEORIA DISPOSAL CO #1	PEORIA	PEORIA	61615	22,057,559	12	22,057,571
2	UNITED STATES STEEL CORP, GRANITE CITY STEEL	GRANITE CITY	MADISON	62040	3,144,804	4,128,648	7,273,451
3	KEYSTONE STEEL & WIRE CO.	PEORIA	PEORIA	61641	685,600	5,245,000	5,930,600
4	AMEREN ENERGY RESOURCES GENERATING CO.	BARTONVILLE	PEORIA	61607	5,523,144	369	5,523,513
5	AMEREN ENERGY GENERATING, COFFEEN POWER STATION	COFFEEN	MONTGOMERY	62017	4,684,019	195,476	4,879,495
6	ADM	DECATUR	MACON	62526	3,968,505	788,766	4,757,270
7	STERLING STEEL CO. LLC	STERLING	WHITESIDE	61081	6,486	4,420,283	4,426,769
8	BIG RIVER ZINC	SAUGET	ST CLAIR	62201	2,105,878	1,899,037	4,004,915
9	ENVIRITE OF ILLINOIS INC	HARVEY	COOK	60426	412	3,648,239	3,648,651
10	ISG RIVERDALE INC.	RIVERDALE	COOK	60827	36,264	3,533,002	3,569,266
11	TEEPAK LLC	DANVILLE	VERMILION	61834	3,271,400	0	3,271,400
12	TYSON FRESH MEATS INC., JOSLIN IL	HILLSDALE	ROCK ISLAND	61257	2,715,625	24,555	2,740,180
13	CARUS CHEMICAL CO	LASALLE	LASALLE	61301	9,156	2,231,033	2,240,189
14	DYNEGY MIDWEST GENERATION INC., BALDWIN ENERGY COMPLEX	BALDWIN	RANDOLPH	62217	2,000,748	37	2,000,784
15	DOMINION KINCAID GENERATION LLC	KINCAID	CHRISTIAN	62540	717,744	1,268,526	1,986,270
16	EDISON INTL. POWERTON GENERATING STATION	PEKIN	TAZEWELL	61554	452,566	1,473,027	1,925,582
17	EXCEL CORP	BEARDSTOWN	CASS	62618	1,641,058	0	1,641,058
18	CONOCOPHILLIPS WOOD RIVER REFINERY	ROXANA	MADISON	62084	1,540,792	45,928	1,586,720
19	AMEREN ENERGY GENERATING, NEWTON POWER STATION	NEWTON	JASPER	62448	1,534,135	20	1,534,155
20	FREEMAN UNITED COAL MINING CO'S CROWN 3 MINE	FARMERSVILLE	MONTGOMERY	62533	1,495,744	0	1,495,744

**Table 7: Total On-site and Off-site Disposal or Other Releases (in pounds) for Selected Industries 2003 - Illinois**

	Standard Industrial Code: Number and Name	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1	33 Primary Metals	8,068,936	22,813,361	30,882,297
2	49 Electric Utilities	25,052,245	3,235,332	28,287,577
3	4953/7389 RCRA/Solvent Recovery	22,121,321	4,605,822	26,727,143
4	20 Food	14,333,342	1,353,128	15,686,470
5	28 Chemicals	11,384,780	3,522,259	14,907,039
6	30 Plastics	4,976,913	715,744	5,692,687
7	34 Fabricated Metals	2,500,144	3,166,998	5,667,142
8	29 Petroleum	3,872,232	83,345	3,955,577
9	37 Transportation Equip.	2,001,137	88,217	2,089,355
10	12 Coal Mining	2,000,983	0	2,000,983
11	27 Printing	1,513,341	29,538	1,542,879
12	32 Stone/Clay/Glass	746,656	330,983	1,077,639
13	35 Machinery	624,718	202,905	827,623
14	Electrical Equip.	241,039	400,633	641,672
15	26 Paper	580,069	10,867	590,936
16	10 Metal Mining	12,388	428,348	440,736
17	No Reported Codes	6,528	199,465	205,994
18	24 Lumber	201,585	1,108	202,693
19	39 Miscellaneous	195,845	6,814	202,659
20	25 Furniture	154,487	0	154,487

*Data for all reporting industries, by SIC code, is available from the U.S. Environmental Protection Agency at [www.epa.gov/tri](http://www.epa.gov/tri) or at 202-566-0250.*















