

Table 5.42-- TOXIC RELEASE INVENTORY CHEMICAL RELEASES: 1988 TO 2023

[In pounds. For all industries and all chemicals]

Year	Total production-related waste managed	Total on- and off-site disposal or other releases	Total on-site disposal or other releases	Total off-site disposal or other releases
1988	(NA)	2,390,441	2,225,959	164,482
1989	(NA)	2,126,043	2,105,585	20,458
1990	(NA)	851,967	844,758	7,209
1991	8,322,961	928,389	916,001	12,388
1992	8,348,939	1,037,410	873,910	163,500
1993	8,259,575	721,327	706,345	14,982
1994	3,133,045	605,860	588,489	17,371
1995	5,401,395	656,692	492,923	163,769
1996	4,185,584	540,267	536,272	3,995
1997	4,118,506	452,405	444,040	8,365
1998	5,806,154	2,112,260	2,026,357	85,903
1999	5,221,169	1,681,281	1,630,843	50,438
2000	1,782,121	1,273,978	1,097,432	176,546
2001	4,258,038	3,380,521	2,950,196	430,325
2002	4,620,356	3,695,661	3,180,814	514,846
2003	4,023,425	3,167,753	2,747,963	419,791
2004	3,853,008	3,170,718	2,889,493	281,224
2005	4,009,430	3,105,369	2,925,433	179,935
2006	3,679,473	3,021,488	2,790,816	230,671
2007	3,878,790	3,015,577	2,859,554	156,023
2008	4,393,104	3,245,550	3,000,373	245,176
2009	3,734,894	2,947,264	2,603,536	343,728
2010	3,328,198	2,777,864	2,647,652	130,212
2011	3,556,339	2,871,599	2,657,376	214,223
2012	6,897,551	2,957,277	2,761,766	195,511
2013	5,726,070	2,843,334	2,652,135	191,198
2014	5,932,552	2,926,542	2,764,411	162,131
2015	7,321,061	2,831,202	2,662,722	168,480
2016	6,221,410	3,215,153	2,836,188	378,966
2017	6,572,271	3,061,992	2,834,986	227,006
2018	4,075,002	2,961,904	2,739,548	222,357
2019	4,013,911	2,837,388	2,603,723	233,664
2020	7,123,934	2,554,032	2,319,798	234,225
2021	3,372,612	2,624,126	2,353,730	270,396
2022	3,284,111	2,580,708	2,399,397	181,311
2023	3,052,352	2,325,686	2,300,597	25,089

NA Not available.

Source: United States Environmental Protection Agency, Toxic Release Inventory Program, TRI Explorer
 <<https://www.epa.gov/toxics-release-inventory-tri-program/tri-data-and-tools>> accessed on April 1, 2025.