

Table 366. Toxic Chemical Releases and Transfers by Media: 2000 to 2005

[In millions of pounds (6,187.9 represents 6,187,900,000), except as indicated. Based on reports filed as required by section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA, or Title III of the Superfund Amendments and Reauthorization Act of 1986), Public Law 99-499. Owners and operators of facilities that are classified within Standard Classification Code groups 10, 12, 20 through 39, 49, 5169, 5171, and 4953/7169; have 10 or more full-time employees, and that manufacture, process, or otherwise use any listed toxic chemical in quantities greater than the established threshold in the course of a calendar year are covered and required to report. Excludes all Persistent, Bioaccumulative, Toxic (PBT) chemicals and vanadium and vanadium compounds]

Media	2000	2001	2002	2003	2004	2005
Total facilities reporting	23,020	22,316	21,623	20,949	20,687	20,214
Total on- and off-site disposal or other releases	6,187.9	5,046.8	4,268.3	3,906.2	3,716.2	3,805.7
On-site releases	5,742.9	4,597.9	3,828.9	3,463.4	3,243.4	3,314.7
Air emissions	1,882.0	1,624.5	1,609.0	1,574.9	1,536.8	1,508.6
Surface water discharges	269.1	232.4	232.0	218.8	234.7	239.7
Underground injection class I	239.9	192.5	205.1	205.8	208.7	209.2
Underground injection class II-V	29.7	16.0	13.6	14.7	19.2	14.4
RCRA subtitle C landfills ¹	231.9	149.3	136.9	150.3	130.4	140.2
Other landfills	275.6	274.0	229.9	216.6	218.2	219.8
Land treatment/application farming	15.8	15.9	22.5	17.0	19.1	20.3
Surface impoundments	963.1	800.9	631.6	666.3	587.3	631.2
Other land disposal	1,835.7	1,292.3	748.2	399.0	289.1	331.3
Off-site releases	445.0	448.9	439.4	442.8	472.7	491.0
Total transfers off-site for further waste management	3,811.3	3,683.9	3,548.8	3,399.3	3,616.1	3,536.1
Transfers to recycling	1,884.2	1,734.4	1,698.6	1,657.5	1,747.2	1,740.5
Transfers to energy recovery	745.8	774.6	737.7	649.0	649.9	607.1
Transfers to treatment	269.0	271.5	263.2	277.2	325.5	336.3
Transfers to POTWs ²	341.2	343.2	303.9	269.6	258.2	263.6
Transfers to POTWs metal and metal compounds ²	2.9	2.2	1.9	1.8	1.6	1.7
Other off-site transfers	1.1	0.9	0.8	0.9	71.5	0.4
Transfers off-site for disposal or other releases ³	567.1	557.0	542.7	543.3	562.1	586.5
Total production-related waste managed	31,929.2	25,752.9	24,735.8	23,799.2	24,585.3	23,935.0
Recycled on-site	7,536.9	7,003.9	7,196.8	6,666.7	6,755.0	6,647.6
Recycled off-site	1,946.9	1,771.4	1,688.5	1,659.4	1,747.6	1,742.0
Energy recovery on-site	2,725.1	2,576.8	2,779.9	2,631.6	2,591.6	2,406.2
Energy recovery off-site	759.8	763.6	738.3	648.8	649.2	607.0
Treated on-site	12,272.3	7,858.8	7,373.4	7,638.0	8,457.7	8,042.0
Treated off-site	600.3	609.2	551.8	517.0	563.6	575.0
Quantity disposed or otherwise release of on- and off-site	6,088.0	5,169.2	4,407.0	4,037.7	3,820.6	3,915.3
Non-production-related waste managed	240.0	34.3	15.4	22.2	16.2	19.0

¹ RCRA = Resource Conservation and Recovery Act. ² POTW (Publicly Owned Treatment Work) is a wastewater treatment facility that is owned by a state or municipality. ³ Does not include off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.