

TRI On-site and Off-site Releases, 2000-2001

	2000	2001	Change 2000-2001	
	Number	Number	Number	Percent
Total Facilities	23,604	22,615	-989	-4.2
Total Forms	90,659	86,952	-3,707	-4.1
Form Rs	77,687	74,710	-2,977	-3.8
Form As	12,972	12,242	-730	-5.6
On-site Releases	Pounds	Pounds	Pounds	Percent
Total Air Emissions	1,914,847,514	1,677,739,937	-237,107,578	-12.4
Fugitive Air Emissions	255,719,707	240,095,759	-15,623,948	-6.1
Point Source Air Emissions	1,659,127,808	1,437,644,178	-221,483,630	-13.3
Surface Water Discharges	267,240,517	220,382,696	-46,857,821	-17.5
Underground Injection	270,436,755	209,191,464	-61,245,291	-22.6
Class I Wells	240,690,232	193,230,425	-47,459,807	-19.7
Class II-V Wells	29,746,523	15,961,039	-13,785,484	-46.3
On-site Land Releases	3,824,390,738	3,085,260,659	-739,130,080	-19.3
RCRA Subtitle C Landfills	203,224,254	119,609,932	-83,614,323	-41.1
Other On-site Land Releases	3,621,166,484	2,965,650,727	-655,515,757	-18.1
Total On-site Releases	6,276,915,525	5,192,574,756	-1,084,340,769	-17.3
Off-site Releases				
Storage Only*	9,378,356	5,833,022	-3,545,333	-37.8
Solidification/Stabilization**	73,727,018	103,888,528	30,161,510	40.9
Metal and Metal Category Compounds Only				
Wastewater Treatment (Excluding POTWs)***	6,918,180	3,680,619	-3,237,561	-46.8
Metal and Metal Category Compounds Only				
Transfers to POTWs****	3,070,710	2,162,223	-908,486	-29.6
Metal and Metal Category Compounds Only				
Underground Injection	20,278,551	16,125,909	-4,152,642	-20.5
Landfills/Surface Impoundments	311,592,047	333,380,566	21,788,519	7.0
Land Treatment	5,689,259	7,141,281	1,452,022	25.5
Other Land Disposal	21,982,754	21,869,451	-113,303	-0.5
Other Off-site Management	17,851,630	14,926,431	-2,925,199	-16.4
Transfers to Waste Broker for Disposal	13,285,156	10,072,787	-3,212,368	-24.2
Unknown*****	5,951,138	3,349,797	-2,601,340	-43.7
Total Off-site Releases	489,724,797	522,430,614	32,705,817	6.7
(Transfers Off-site to Disposal)				
Total On- and Off-site Releases	6,766,640,322	5,715,005,370	-1,051,634,952	-15.5

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

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

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

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

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

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