

TRI On-site and Off-site Disposal or Other Releases, 2009

	Number	
Total Facilities	20,797	
Total Forms	78,583	
Form Rs	69,689	
Form As	8,894	
	Pounds	Percent
On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C		
Landfills, and Other Landfills	500,688,720	14.8
Class I Wells	148,444,059	4.4
RCRA Subtitle C Landfills	71,670,132	2.1
Other On-site Landfills	280,574,529	8.3
Other On-site Disposal or Other Releases	2,502,846,248	74.2
Total Air	913,905,208	27.1
Fugitive Air Emissions	139,416,417	4.1
Point Source Air Emissions	774,488,791	22.9
Surface Water Discharges	204,765,293	6.1
Class II-V Wells	26,303,435	0.8
Land Treatment	17,087,974	0.5
RCRA Subtitle C Surface Impoundments	1,985,445	0.1
Other Surface Impoundments	744,825,250	22.1
Other Land Disposal	593,973,643	17.6
Total On-site Disposal or Other Releases	3,003,534,967	89.0
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C		
Landfills, and Other Landfills	243,582,923	7.2
Class I Wells	6,985,486	0.2
RCRA Subtitle C Landfills	40,690,554	1.2
Other Landfills	195,906,884	5.8
Other Off-site Disposal or Other Releases	127,785,414	3.8
Storage Only	7,904,066	0.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	39,072,545	1.2
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds O	1,538,236	0.0
Transfers to POTWs (Metals and Metal Category Compounds Only)	3,258,454	0.1
Class II-V Wells	941,818	0.0
RCRA Subtitle C Surface Impoundments	206,666	0.0
Other Surface Impoundments	4,146,438	0.1
Land Treatment	7,439,509	0.2
Other Land Disposal	33,352,860	1.0
Other Off-site Management	8,763,061	0.3
Transfers to Waste Broker for Disposal	16,608,573	0.5
Unknown	4,553,187	0.1
Total Off-site Disposal or Other Releases	371,368,337	11.0
Total On-site and Off-site Disposal or Other Releases	3,374,903,304	100.0

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals.

Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Impoundments (5.5.3B) and Other Land Disposal (5.5.4).

Off-site Disposal or Other Releases include from Section 6.2 Underground Injection Class I Wells (M81), Underground Injection Class II-V Wells (M82), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, 2008-2009

	2008	2009	Change 2008-2009	
	Number	Number	Number	Percent
Total Facilities	22,252	20,797	-1,455	-7
Total Forms	85,150	78,583	-6,567	-8
Form Rs	75,400	69,689	-5,711	-8
Form As	9,750	8,894	-856	-9
On-site Disposal or Other Releases	Pounds	Pounds	Pounds	Percent
On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	575,454,990	500,688,720	-74,766,271	-13
Class I Wells	169,546,056	148,444,059	-21,101,997	-12
RCRA Subtitle C Landfills	123,861,306	71,670,132	-52,191,174	-42
Other On-site Landfills	282,047,629	280,574,529	-1,473,100	-1
Other On-site Disposal or Other Releases	2,792,170,093	2,502,846,248	-289,323,846	-10
Total Air	1,146,301,830	913,905,208	-232,396,622	-20
Fugitive Air Emissions	162,631,466	139,416,417	-23,215,049	-14
Point Source Air Emissions	983,670,364	774,488,791	-209,181,573	-21
Surface Water Discharges	249,299,357	204,765,293	-44,534,064	-18
Class II-V Wells	18,195,394	26,303,435	8,108,041	45
Land Treatment	24,851,920	17,087,974	-7,763,947	-31
RCRA Subtitle C Surface Impoundments	4,439,482	1,985,445	-2,454,036	-55
Other Surface Impoundments	734,071,241	744,825,250	10,754,009	1
Other Land Disposal	615,010,869	593,973,643	-21,037,226	-3
Total On-site Disposal or Other Releases	3,367,625,084	3,003,534,967	-364,090,116	-11
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	328,264,837	243,582,923	-84,681,913	-26
Class I Wells	9,206,704	6,985,486	-2,221,218	-24
RCRA Subtitle C Landfills	61,624,880	40,690,554	-20,934,326	-34
Other Landfills	257,433,253	195,906,884	-61,526,369	-24
Other Off-site Disposal or Other Releases	159,404,031	127,785,414	-31,618,617	-20
Storage Only	7,968,480	7,904,066	-64,414	-1
Solidification/Stabilization (Metals and Metal Category Compounds Only)	47,964,383	39,072,545	-8,891,838	-19
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	2,482,788	1,538,236	-944,552	-38
Transfers to POTWs (Metals and Metal Category Compounds Only)	1,239,129	3,258,454	2,019,325	163
Class II-V Wells	329,584	941,818	612,234	186
RCRA Subtitle C Surface Impoundments	109,137	206,666	97,529	89
Other Surface Impoundments	4,334,832	4,146,438	-188,394	-4
Land Treatment	9,625,910	7,439,509	-2,186,401	-23
Other Land Disposal	46,845,347	33,352,860	-13,492,487	-29
Other Off-site Management	11,603,850	8,763,061	-2,840,788	-24
Transfers to Waste Broker for Disposal	20,392,438	16,608,573	-3,783,865	-19
Unknown	6,508,153	4,553,187	-1,954,966	-30
Total Off-site Disposal or Other Releases	487,668,867	371,368,337	-116,300,530	-24
Total On-site and Off-site Disposal or Other Releases	3,855,293,951	3,374,903,304	-480,390,646	-12

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3, 5.5.3A and 5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M82, M81 and M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M67, M66 and M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, 2001-2009

	2001 Number	2002 Number	2003 Number	2004 Number	2005 Number	2006 Number	2007 Number	2008 Number	2009 Number	Change 2001-2009 Number	Percent
Total Facilities	25,768	25,119	24,604	24,487	24,253	23,707	23,009	22,252	20,797	-4,971	-19
Total Forms	96,758	94,339	92,550	92,092	91,600	90,212	87,811	85,150	78,583	-18,175	-19
Form Rs	84,269	82,295	80,923	80,904	80,528	77,608	75,751	75,400	69,689	-14,580	-17
Form As	12,489	12,044	11,627	11,188	11,072	12,604	12,060	9,750	8,894	-3,595	-29
On-site Disposal or Other Releases	Pounds	Percent									
Total Air Emissions	1,630,803,788	1,614,979,410	1,586,652,070	1,540,104,280	1,517,493,611	1,415,098,010	1,324,948,552	1,146,301,830	913,905,208	-716,898,580	-44
Fugitive Air	211,939,833	200,467,342	199,139,445	197,027,795	193,936,679	183,820,216	170,153,608	162,631,466	139,416,417	-72,523,416	-34
Stack Air	1,418,863,955	1,414,512,068	1,387,512,625	1,343,076,486	1,323,556,932	1,231,277,794	1,154,794,945	983,670,364	774,488,791	-644,375,164	-45
Surface Water Discharges	243,228,360	243,354,729	230,831,024	253,284,815	257,139,985	252,571,282	241,184,173	249,299,357	204,765,293	-38,463,068	-16
Underground Injection	215,649,594	227,038,336	229,183,906	238,165,383	231,683,479	219,866,050	205,851,606	187,741,450	174,747,493	-40,902,101	-19
Underground Injection Class I	193,645,890	206,515,351	207,215,071	210,449,916	211,508,020	199,782,672	184,345,950	169,546,056	148,444,059	-45,201,831	-23
Class II-V Wells	22,003,705	20,522,985	21,968,835	27,715,467	20,175,459	20,083,378	21,505,656	18,195,394	26,303,435	4,299,730	20
On-site Land	2,999,389,188	2,176,810,495	1,915,200,244	1,704,415,685	1,827,559,313	1,903,256,257	1,776,499,312	1,784,282,447	1,710,116,973	-1,289,272,214	-43
RCRA Subtitle C Landfills	173,537,483	155,998,461	196,263,210	151,917,311	155,224,815	151,849,813	150,746,470	123,861,306	71,670,132	-101,867,350	-59
Other On-site Landfills	311,003,022	267,183,810	267,968,780	269,273,329	269,773,684	264,805,727	270,052,632	282,047,629	280,574,529	-30,428,493	-10
Land Treatment	17,213,415	24,275,256	18,133,834	21,498,389	23,702,282	27,147,710	22,129,633	24,851,920	17,087,974	-125,442	-1
Surface Impoundments	973,836,003	771,594,855	822,562,932	719,341,762	782,042,010	822,184,883	767,798,307	738,510,723	746,810,696	-227,025,308	-23
Other Land Disposal	1,523,799,265	957,758,113	610,271,488	542,384,894	596,816,523	637,268,124	565,772,271	615,010,869	593,973,643	-929,825,621	-61
Total On-site Disposal or Other Releases	5,089,070,930	4,262,182,970	3,961,867,244	3,735,970,164	3,833,876,388	3,790,791,600	3,548,483,643	3,367,625,084	3,003,534,967	-2,085,535,963	-41
Off-site Disposal or Other Releases											
Storage Only	5,933,374	9,118,074	5,899,198	7,938,861	5,555,600	6,549,673	5,172,326	7,968,480	7,904,066	1,970,691	33
Solidification/Stabilization (Metals and Metal Category Compounds Only)	64,618,454	96,767,151	78,463,507	77,450,504	72,752,732	98,554,272	95,498,328				
Wastewater Treatment-Metals and Metal Category Compounds Only	3,772,682	3,572,452	2,266,944	2,157,147	6,119,438	2,335,122	3,021,141	47,964,383	39,072,545	-25,545,909	-40
Transfers to POTWs Metal and Metal Category Compounds	2,223,663	1,986,496	1,897,076	1,662,801	1,757,613	1,835,633	1,952,945	2,482,788	1,538,236	-2,234,447	-59
Underground Injection	15,432,007	8,592,674	6,696,886	10,966,752	11,440,805	11,808,478	11,935,266	9,536,288	7,927,304	-7,504,702	-49
Landfill/Surface Impoundments	337,229,552	278,170,145	310,555,183	325,945,449	338,874,669	334,744,526	352,281,740	323,502,101	240,950,542	-96,279,010	-29
Land Treatment	7,384,171	10,091,776	9,468,658	8,945,034	10,676,613	7,172,258	8,557,256	9,625,910	7,439,509	55,338	1
Other Land Disposal	28,820,601	42,339,910	32,422,004	41,240,643	47,742,996	34,977,195	37,691,549	46,845,347	33,352,860	4,532,259	16
Other Off-Site Management	16,205,690	15,226,927	14,569,901	14,247,818	16,584,673	16,115,614	19,161,604	11,603,830	8,763,061	-7,442,629	-46
Waste Broker	12,068,373	12,948,716	15,682,186	17,525,617	16,276,434	14,322,716	12,251,838	20,392,438	16,608,573	4,540,200	38
Unknown	3,850,527	5,955,174	4,914,575	5,622,410	5,734,143	6,440,451	6,630,779	6,508,153	4,553,187	702,660	18
Total Off-site Disposal or Other Releases	497,539,095	484,769,496	482,836,117	513,703,036	533,515,716	534,855,938	554,154,770	487,668,867	371,368,337	-126,170,757	-25
Total On- and Off-site Disposal or Other Releases	5,586,610,025	4,746,952,465	4,444,703,361	4,249,673,200	4,367,392,104	4,325,647,537	4,102,638,414	3,855,293,951	3,374,903,304	-2,211,706,720	-40

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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.

11/28/10

Total TRI On-site and Off-site Disposal or Other Releases, 2001-2009: Facilities Compared by Amount reported in 2001*

Amount of Total Disposal or Other Releases in 2001	Facilities*		2001		2009		Change 2001-2009	
	Number	Percent of Total	Pounds	Pounds	Pounds	Percent		
Zero total disposal or other releases in both 2001 and 2009	1,876	13	0	0	0	--		
>0 and <10,000 pounds in 2001	6,896	47	13,896,581	72,510,084	58,613,503	422		
>=10,000 and <100,000 pounds in 2001	3,612	24	132,318,997	138,528,509	6,209,512	5		
Less than 100,000 pounds in 2001	12,384	84	146,215,578	211,038,593	64,823,015	44		
>=100,000 pounds in 2001	2,401	16	3,474,785,821	2,202,715,341	-1,272,070,479	-37		
Subtotal**	14,785	99.95	3,621,001,399	2,413,753,935	-1,207,247,464	-33		
Change <>80,000,000 pounds from 2001-2009	8	0.05	1,645,770,992	860,330,920	-785,440,072	-48		
Total for Facilities Reporting in both 2001 and 2009	14,793	100	5,266,772,391	3,274,084,855	-1,992,687,536	-38		

* Includes only facilities reporting in both 2001 and 2009. Facilities grouped into size categories according to total disposal or other releases reported for 2001 and then compared to amount reported for 2009. Amounts for 2001 and 2009 are for same group

** Subtotal does not include 8 facilities that reported change from 2001-2009 of more than 80,000,000 pounds.

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, 1998-2009

	1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009												Change 1998-2009	
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	23,294	23,011	23,021	22,357	21,757	21,209	21,088	20,860	20,435	19,791	19,165	17,834	-5,460	-23.4
Total Forms	83,120	82,326	82,191	79,443	77,340	75,597	75,299	74,778	73,704	71,526	69,398	63,895	-19,225	-23.1
Form Rs	70,272	69,644	69,210	67,019	65,346	64,015	64,159	63,754	61,536	59,912	59,709	55,041	-15,231	-21.7
Form As	12,848	12,682	12,981	12,424	11,994	11,582	11,140	12,168	11,614	9,689	8,854	-3,994	-31.1	
On-site Disposal or Other Releases	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Total Air Emissions	2,042,047,776	2,003,080,248	1,885,272,760	1,626,083,219	1,611,508,340	1,583,356,252	1,537,118,881	1,514,578,714	1,411,759,632	1,322,601,099	1,144,371,131	912,325,261	-1,129,722,515	-55.3
Fugitive Air	286,203,824	260,657,090	238,662,658	211,274,168	199,809,849	198,611,310	196,570,723	193,506,013	183,402,844	169,704,546	162,261,745	139,127,927	-147,075,897	-51.4
Stack Air	1,755,843,952	1,742,423,158	1,646,610,101	1,414,809,051	1,411,698,491	1,384,744,942	1,340,548,158	1,321,072,701	1,228,356,788	1,152,896,547	982,109,387	773,197,334	-982,646,618	-56.0
Surface Water Discharges	255,880,290	270,482,631	269,182,290	242,423,356	242,639,380	229,852,564	252,483,928	256,562,026	252,030,057	240,555,359	247,922,533	204,110,896	-51,769,394	-20.2
Underground Injection	258,022,342	250,244,399	269,623,166	208,495,360	218,753,966	220,490,037	228,011,930	224,601,664	211,692,188	197,068,058	180,092,132	163,898,810	-94,123,532	-36.5
Underground Injection Class I	231,959,661	222,789,096	239,885,166	192,531,665	205,122,796	205,782,092	208,803,352	210,214,312	198,315,113	182,743,475	167,960,612	146,341,758	-85,817,903	-36.9
Class II-V Wells	26,062,681	27,455,303	29,738,000	15,963,695	13,631,190	14,707,945	19,208,578	14,387,352	13,377,076	14,324,583	12,131,520	17,557,052	-8,505,629	-32.6
On-site Land	3,782,181,367	3,946,935,380	3,321,864,014	2,532,333,825	1,768,780,707	1,448,517,494	1,246,105,468	1,344,813,824	1,396,002,877	1,271,127,802	1,287,315,078	1,302,025,211	-2,480,156,156	-65.6
RCRA Subtitle C Landfills	190,672,832	186,857,110	231,927,453	149,325,367	136,869,212	146,831,433	126,783,998	136,919,913	133,771,429	133,205,704	105,620,400	55,045,490	-135,627,342	-71.1
Other On-site Landfills	261,168,838	242,473,208	275,637,917	274,022,355	229,949,457	219,790,364	230,023,564	231,877,521	235,389,964	241,024,148	252,456,187	256,624,178	-4,544,660	-1.7
Land Treatment	9,719,050	11,022,047	15,815,909	15,889,433	22,562,273	17,293,192	20,245,893	25,822,232	20,707,492	23,130,406	16,453,294	6,734,244	69.3	
Surface Impoundments	1,289,182,706	1,133,529,054	962,816,544	800,782,383	631,228,041	665,543,816	579,684,152	623,329,435	645,576,540	593,094,210	588,142,556	607,897,517	-681,285,189	-52.8
Other Land Disposal	2,031,437,941	2,373,053,961	1,835,666,191	1,292,314,267	748,171,724	399,058,690	289,368,761	331,271,109	355,442,712	283,096,248	317,965,528	366,004,732	-1,665,433,209	-82.0
Total On-site Disposal or Other Releases	6,338,131,775	6,470,742,658	5,745,942,229	4,609,335,761	3,841,682,413	3,482,216,343	3,263,720,207	3,340,056,228	3,271,484,754	3,031,352,311	2,859,700,874	2,582,360,178	-3,755,771,597	-59.3
Off-site Disposal or Other Releases														
Storage Only	7,979,119	6,929,731	8,789,475	5,266,488	8,070,277	5,044,965	7,153,418	4,663,797	5,813,309	4,272,992	7,326,057	7,248,329	-730,790	-9.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	41,272,825	42,486,459	43,968,652	60,352,859	89,676,163	70,542,182	70,444,984	63,295,979	89,184,915	87,663,619	43,322,388	34,125,713	-7,147,112	-17.3
Wastewater Treatment-Metals and Metal Category Compounds Only	3,079,655	7,140,407	7,039,993	3,674,452	3,263,681	1,937,634	2,048,432	2,943,076	2,273,240	2,987,124	2,234,084	1,462,238	-1,617,417	-52.5
Transfers to POTWs Metal and Metal Category Compounds	3,549,652	2,766,518	2,903,197	2,162,986	1,924,825	1,846,836	1,620,010	1,721,376	1,797,063	1,918,799	1,210,284	3,224,484	-325,168	-9.2
Underground Injection	8,275,951	23,281,482	30,321,953	15,389,953	8,469,959	6,637,022	10,892,655	11,344,089	11,764,976	11,887,496	9,485,204	7,867,436	-408,515	-4.9
Landfill/Surface Impoundments	268,926,491	273,194,535	296,018,320	307,801,434	254,913,369	289,301,809	305,671,170	319,127,938	315,654,509	328,594,558	303,845,032	224,244,047	-44,682,444	-16.6
Land Treatment	2,214,999	3,641,639	5,536,789	7,187,855	9,376,077	9,059,728	8,482,471	10,303,135	6,913,982	8,214,405	9,143,231	7,102,747	4,887,748	220.7
Other Land Disposal	27,221,859	24,848,296	23,131,825	27,282,622	36,452,650	30,618,976	38,904,019	44,319,702	32,648,450	35,466,047	43,980,671	31,143,315	3,921,456	14.4
Other Off-Site Management	17,919,152	24,749,945	16,621,820	14,550,943	13,810,719	13,337,794	12,566,251	14,803,190	14,660,559	17,458,206	9,563,193	7,545,381	-10,373,771	-57.9
Waste Broker	14,453,649	13,024,301	14,773,435	9,973,738	11,036,630	13,817,522	15,348,154	13,893,298	12,215,801	10,976,432	18,993,668	14,938,415	484,766	3.4
Unknown	3,640,676	4,248,142	6,380,936	3,042,777	5,042,375	4,453,530	5,174,960	4,898,464	5,811,830	6,523,313	6,424,296	4,489,012	848,336	23.3
Total Off-site Disposal or Other Releases	398,534,028	426,311,456	445,486,395	456,666,106	442,036,725	446,597,997	478,306,524	491,314,044	498,738,636	515,962,990	455,528,108	343,391,117	-55,142,911	-13.8
Total On- and Off-site Disposal or Other Releases	6,736,665,803	6,897,054,113	6,191,428,625	5,066,021,867	4,283,719,138	3,928,814,340	3,742,026,732	3,831,807,272	3,770,223,390	3,547,315,302	3,315,295,901	2,942,101,872	-3,794,563,931	-56.3

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf. Does not include PBT chemicals, vanadium and vanadium compounds.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

11/28/10

Total TRI On-site and Off-site Disposal or Other Releases, 1998-2009: Facilities Compared by Amount reported in 1998*

Amount of Total Disposal or Other Releases in 1998	Facilities*		1998		2009		Change 1998-2009	
	Number	Percent of Total	Pounds	Pounds	Pounds	Percent		
Zero total disposal or other releases in both 1998 and 2009	1,368	12	0	0	0	--		
>0 and <=10,000 pounds in 1998	4,558	39	10,959,187	61,371,027	50,411,840	460		
>=10,000 and <100,000 pounds in 1998	3,307	28	123,177,632	135,078,814	11,901,182	10		
Less than 100,000 pounds in 1998	9,233	79	134,136,819	196,449,841	62,313,023	46		
>=100,000 pounds in 1998	2,440	21	3,595,330,136	2,049,645,826	-1,545,684,310	-43		
Subtotal**	11,673	99.9	3,729,466,954	2,246,095,667	-1,483,371,287	-40		
Change >>80,000,000 pounds from 1998-2009	12	0	2,257,088,215	573,937,727	-1,683,150,488	-75		
Total for Facilities Reporting in both 1998 and 2009	11,685	100	5,986,555,169	2,820,033,394	-3,166,521,776	-53		

* Includes only facilities reporting in both 1998 and 2009. Facilities grouped into size categories according to total disposal or other releases reported for 1998 and then compared to amount reported for 2009. Amounts for 1998 and 2009 are for same group

** Subtotal does not include 12 facilities that reported change from 1998-2009 of more than 80,000,000 pounds.

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf. Does not include PBT chemicals, vanadium and vanadium compounds.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, 1988, 1998 and 2008-2009

	1988 Number	1998 Number	2008 Number	2009 Number	Change 1988-2009	
					Number	Percent
Total Facilities	19,317	19,037	15,351	14,256	-5,061	-26.2
Total Forms	55,956	55,895	46,179	42,489	-13,467	-24.1
On-site Disposal or Other Releases						
Total Air Emissions	2,036,235,844	880,310,852	382,118,813	316,346,670	-1,719,889,174	-84.5
Fugitive Air Emissions	637,263,533	197,004,519	111,024,118	98,145,563	-539,117,970	-84.6
Point Source Air Emissions	1,398,972,311	683,306,332	271,094,695	218,201,106	-1,180,771,205	-84.4
Surface Water Discharges	41,572,731	18,529,400	12,151,188	10,555,387	-31,017,344	-74.6
Underground Injection	161,652,002	114,064,950	87,937,104	76,763,802	-84,888,200	-52.5
On-site Land	378,956,569	329,400,609	173,114,515	141,851,015	-237,105,554	-62.6
Total On-site Disposal or Other Releases	2,618,417,146	1,342,305,810	655,321,621	545,516,873	-2,072,900,273	-79.2
Off-site Disposal or Other Releases						
Storage Only	13,392,664	5,164,659	4,564,787	4,187,123	-9,205,541	-68.7
Solidification/Stabilization (Metals and Metal Category Compounds Only)	26,620,239	122,603,560	54,964,206	34,727,018	8,106,779	30.5
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	4,521,656	3,052,131	3,643,886	3,004,337	-1,517,319	-33.6
Transfers to POTWs (Metals and Metal Category Compounds Only)	8,362,149	3,258,763	1,193,702	3,212,604	-5,149,545	-61.6
Underground Injection	9,373,166	8,728,645	17,861,427	11,770,314	2,397,148	25.6
Landfills/Surface Impoundments	242,973,056	209,054,783	289,224,962	177,184,229	-65,788,827	-27.1
Land Treatment	2,218,481	514,928	1,549,433	2,047,617	-170,864	-7.7
Other Land Disposal	9,156,695	12,986,892	9,155,264	6,833,316	-2,323,379	-25.4
Other Off-site Management	35,675,928	8,480,494	4,551,859	4,072,160	-31,603,768	-88.6
Transfers to Waste Broker for Disposal	26,903,734	11,910,403	8,837,503	5,853,582	-21,050,152	-78.2
Unknown	8,985,214	3,053,509	3,832,355	2,628,002	-6,357,212	-70.8
Total Off-site Disposal or Other Releases	388,182,982	388,808,767	399,379,384	255,520,302	-132,662,680	-34.2
Total On-site and Off-site Disposal or Other Releases	3,006,600,128	1,731,114,578	1,054,701,005	801,037,175	-2,205,562,953	-73.4

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

On-site Disposal or Other Releases include Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Underground Injection (Section 5.4), Landfills (5.5.1), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71, M81, M82), Landfills/Surface Impoundments (M63, M64, M65, M66, M67, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2009

NAICS Code Industry	On-site Disposal or Other Releases															Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases												
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds					
2121 Coal Mining	0	0	5,771,149	5,771,149	348,038	52,931	391,837	53,975	1,900,821	0	1,762,613	981,555	5,491,970	11,263,119	12,914	11,276,034		
2122 Metal Mining	0	0	1,827,181	1,827,181	1,345,319	1,702,712	486,766	26,158,703	3,631	1,584,473	563,709,213	535,516,496	1,130,507,312	1,132,334,493	1,476,558	1,133,811,051		
2211 Electric Utilities	26,527	6,143	201,684,989	201,717,659	1,066,130	385,362,027	2,622,902	3	2,443,655	109,950	128,012,776	8,968,148	528,585,593	730,303,252	66,968,101	797,271,354		
311/312 Food/Beverages/Tobacco	442,202	2,108	46,721	491,031	13,768,381	26,908,446	81,350,674	25,725	10,713,668	152,802	87,485	1,236,197	134,243,378	134,734,409	7,741,996	142,476,405		
313/314 Textiles	0	0	0	0	213,555	942,242	28,655	0	69,213	0	83,130	1,743	1,338,538	390,988	1,729,526			
315 Apparel	0	0	0	0	468	1,310	0	0	0	0	0	0	1,778	1,778	17,972	19,750		
316 Leather	190	0	0	190	56,442	133,850	3,190	0	0	0	0	1,255	194,737	194,927	381,214	576,141		
321 Wood Products	0	411	130,127	130,537	1,276,701	6,232,812	30,868	0	17,216	5	283	6,283	7,564,167	7,694,704	558,438	8,253,142		
322 Paper	0	2,634	15,785,211	15,787,845	25,519,713	102,654,229	17,864,769	0	886,319	108,229	3,818,669	308,462	151,160,389	166,948,234	7,371,186	174,319,420		
323/51 Printing and Publishing	0	0	0	0	5,213,704	4,460,726	307	0	0	0	0	4	9,674,742	9,674,742	203,889	9,878,630		
324 Petroleum	2,259,085	66	3,939	2,263,090	10,238,896	25,018,031	21,039,437	23,570	57,213	49	21,477	27,392	56,426,066	58,689,156	5,207,892	63,897,048		
325 Chemicals	137,443,124	271,711	25,281,400	162,996,235	44,446,586	112,885,285	29,017,660	13,789	390,513	27,297	15,820,567	6,995,065	209,596,764	372,592,999	42,677,899	415,270,897		
326 Plastics and Rubber	0	450,667	2,958	453,625	6,600,638	24,645,747	125,580	0	355	0	1,242	657	31,374,218	31,827,843	7,765,638	39,593,481		
327 Stone/Clay/Glass	1,927	392	206,820	209,140	548,132	14,422,836	5,188,565	0	1,031	2	55,440	346,507	20,562,513	20,771,653	2,399,400	23,171,053		
32731 Cement	0	4	1,041,901	1,041,905	34,374	4,212,215	1,713	0	0	0	34	12,334	4,260,670	5,302,576	90,836	5,393,412		
331 Primary Metals	879,347	3,199,936	24,469,938	28,549,220	6,317,750	24,925,405	28,001,950	0	15,591	0	29,251,878	29,045,177	117,557,751	146,106,972	158,055,486	304,162,458		
332 Fabricated Metals	0	5	181	186	8,279,884	13,679,009	1,463,015	0	7,691	1	226	58,141	23,487,967	23,488,152	21,433,363	44,921,515		
333 Machinery	0	0	2,075	2,075	1,535,676	1,667,281	23,044	0	3,909	0	0	22,498	3,252,409	3,254,484	1,940,709	5,195,193		
334 Computers/Electronic Products	0	0	0	0	321,078	1,103,014	1,617,627	0	0	0	0	555	3,042,273	3,042,273	2,164,449	5,206,722		
335 Electrical Equipment	0	0	4,943	4,943	434,914	1,334,139	5,094	0	0	0	3,152	2,301	1,779,601	1,784,544	3,320,708	5,105,252		
336 Transportation Equipment	0	101	357,078	357,179	7,189,758	13,396,392	10,484	0	24	0	9	30,185	20,720,852	21,078,031	8,751,435	29,829,466		
337 Furniture	0	0	0	0	605,456	3,668,564	18	1	388	0	0	438	4,275,264	4,275,264	93,333	4,369,507		
339 Miscellaneous Manufacturing	0	0	20	20	412,665	2,350,721	1,829	0	0	0	0	415	2,765,629	2,765,649	1,948,811	4,714,460		
4246 Chemical Wholesalers	0	0	0	0	762,443	382,470	197	0	0	0	0	6,711	1,151,822	1,151,822	135,531	1,287,353		
4247 Petroleum Bulk Terminals	0	0	0	0	2,109,369	944,811	13,432	0	1	0	5	1,018	3,068,637	3,068,637	10,399	3,178,036		
562 Hazardous Waste Management	7,391,656	67,619,122	2,796,697	77,807,475	171,799	367,772	22,588	0	0	190	1,178,187	292,001	2,032,538	79,840,013	28,443,080	108,283,093		
No TRI NAICS Code	0	116,833	1,161,199	1,278,032	598,548	1,033,414	15,359,093	27,668	576,736	2,447	1,018,661	10,112,104	28,728,669	30,006,702	1,707,111	31,713,813		
Total	148,444,059	71,670,132	280,574,529	500,688,720	139,416,417	774,488,791	204,765,293	26,303,435	17,087,974	1,985,445	744,825,250	593,973,643	2,502,846,248	3,003,534,967	371,368,337	3,374,903,304		

Note: This information does not indicate whether (or what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTW's (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2009: The 10 Industries with Largest Total On-site Disposal or Other Releases

NAICS Code Industry	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds			
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases															
	RCRA Subtitle Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	RCRA Subtitle C Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Other Releases Pounds						
2122 Metal Mining	0	0	1,827,181	1,827,181	1,345,319	1,702,712	486,766	26,158,703	3,631	1,584,473	563,709,213	535,516,496	1,130,507,312	1,132,334,493	1,476,558	1,133,811,051				
2211 Electric Utilities	26,527	6,143	201,684,989	201,717,659	1,066,130	385,362,027	2,622,902	3	2,443,655	109,950	128,012,778	8,968,148	528,585,593	730,303,252	66,968,101	797,271,354				
325 Chemicals	137,443,124	271,711	25,281,400	162,996,235	44,446,586	112,885,285	29,017,660	13,789	390,513	27,297	15,820,567	6,995,063	209,596,764	372,592,999	42,677,899	415,270,897				
322 Paper	0	2,634	15,785,211	15,787,845	25,519,713	102,654,226	17,864,769	0	886,319	108,229	3,818,669	308,462	151,160,389	166,948,234	7,371,186	174,319,420				
331 Primary Metals	879,347	3,199,936	24,469,938	28,549,220	6,317,750	24,925,405	28,001,950	0	15,591	0	29,251,878	29,045,177	117,557,751	146,106,972	158,055,486	304,162,458				
31/312 Food/Beverages/Tobacco	442,202	2,108	46,721	491,031	13,768,381	26,908,446	81,350,674	25,725	10,713,668	152,802	87,485	1,236,197	134,243,378	134,734,409	7,741,996	142,476,405				
562 Hazardous Waste Management	7,391,656	67,619,122	2,796,697	77,807,475	171,799	367,772	22,588	0	0	190	1,178,187	292,001	2,032,538	79,840,013	28,443,080	108,283,093				
324 Petroleum	2,259,085	66	3,939	2,263,090	10,238,896	25,018,031	21,039,437	23,570	57,213	49	21,477	27,392	56,426,066	58,689,156	5,207,892	63,897,048				
326 Plastics and Rubber	0	450,667	2,958	453,625	6,600,638	24,645,747	125,580	0	355	0	1,242	657	31,374,218	31,827,843	7,765,638	39,593,481				
No TRI NAICS Code	0	116,833	1,161,199	1,278,032	598,548	1,033,414	15,359,093	27,668	576,736	2,447	1,018,661	10,112,104	28,728,669	30,006,702	1,707,111	31,713,813				

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2009: The 10 Industries with Largest Total Off-site Disposal or Other Releases

NAICS Code Industry	Total On-site Disposal or Other Releases Pounds	Off-site Disposal or Other Releases													Total On-site and Off-site Disposal or Other Releases Pounds					
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
						Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds		Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds		Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds		RCRA Subtitle C Surface Impoundments Pounds			Transfers to Waste Broker for Disposal Pounds					
		Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds														
331 Primary Metals	146,106,972	959,636	34,939,675	94,024,852	129,924,163	1,060,403	29,341,874	425,168	2,460,212	6,106	52,587	296,614	404,688	2,256,226	1,015,808	830,200	293,951	38,443,836	168,367,999	314,474,971
2211 Electric Utilities	730,303,252	19,709	667,186	28,652,358	29,339,252	3,292,363	294,499	732	3,787	0	0	2,315,923	1,671,264	23,006,799	2,564,652	8,686,212	93,932	41,930,163	71,269,415	801,572,667
325 Chemicals	372,592,999	7,815,937	6,216,690	22,917,168	36,949,795	1,940,155	4,056,719	1,737,922	189,747	6,428	134,257	104,878	1,043,219	1,856,919	2,509,277	2,043,419	1,151,878	16,774,820	53,724,614	426,317,613
562 Hazardous Waste Management	79,840,013	291,600	8,720,373	19,554,359	28,566,331	11,416	1,301,231	116,490	1,898	11	54	4,036	11	2,236	615,868	659,756	208,543	2,921,552	31,487,885	111,327,896
332 Fabricated Metals	23,488,152	4,936,449	1,274,887	10,169,180	16,380,515	137,175	2,730,772	354,260	65,584	48,625	6,173	48,499	101,186	171,461	717,812	1,299,615	512,169	6,193,330	22,573,846	46,061,998
336 Transportation Equipment	21,078,031	124,298	629,336	5,289,377	6,043,011	7,822	1,974,618	218,776	43,248	0	2,620	18,704	1,478	316,004	146,412	338,667	61,699	3,130,049	9,173,060	30,251,091
326 Plastics and Rubber	31,827,843	3	211,356	6,297,664	6,509,024	28,993	124,319	5,685	16,374	0	877	5	2,157	174,566	354,203	613,270	19,827	1,340,276	7,849,300	39,677,143
311/312 Food/Beverages/Tobacco	134,734,409	0	70,974	729,160	800,134	102,797	246,375	4,597	21,136	0	2,335	3,689	2,642,786	3,611,903	283,211	23,722	1,272	6,943,823	7,743,957	142,478,366
322 Paper	166,948,234	0	429,294	4,389,326	4,818,621	39,647	517	99,471	151,427	0	0	604,753	1,325,674	72,947	249,894	7,481	5,518	2,557,330	7,375,950	174,324,184
324 Petroleum	58,689,156	118,304	1,044,653	1,722,687	2,885,644	24,761	225,875	50,091	126,024	879,156	547	19	50,156	815,553	110,963	494,728	106,573	2,884,447	5,770,090	64,459,246

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M68), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by State, 2009

State	On-site Disposal or Other Releases																	Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds		
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases																
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds									
Alabama	0	10,836,754	8,073,011	18,909,765	6,086,519	28,558,177	9,068,652	25,800	192,588	0	14,116,275	499,831	58,547,842	77,457,607	13,618,043	91,075,650						
Alaska	0	0	409,959	409,959	363,051	160,372	155,625	26,150,779	0	0	279,263,217	389,239,082	695,332,125	695,742,084	185,771	695,927,854	6					
American Samoa	0	0	0	0	0	6	0	0	0	0	0	0	0	6	0	0	0	0				
Arizona	0	0	6,206,087	6,206,087	550,484	2,126,329	1,343	0	170,606	0	9,232,208	41,705,100	53,786,070	59,992,157	907,142	60,899,299						
Arkansas	1,292,195	22,608	6,747,933	8,062,736	3,307,329	11,117,456	4,803,137	7,930	622,326	59,829	2,102,517	97,899	22,118,423	30,181,159	3,828,363	34,009,523						
California	341,342	16,468,886	280,830	17,091,058	2,023,786	7,446,293	1,703,704	43,268	359,019	191	3,049	3,921,216	15,500,525	32,591,583	4,126,743	36,718,326						
Colorado	0	1,650,036	5,520,858	7,170,894	527,678	1,702,504	1,568,743	0	120,351	0	2,391,248	3,581,820	9,892,342	17,063,236	3,105,777	20,169,013						
Connecticut	0	0	10,544	10,544	399,651	1,495,743	306,541	0	0	0	0	1,233	2,203,169	2,213,713	1,101,200	3,314,913						
Delaware	0	0	494,082	494,082	117,677	3,054,356	1,590,477	0	28,256	0	8,036	7,115	4,805,917	5,299,999	2,785,314	8,085,313						
District of Columbia	0	0	0	0	1,148	4	1,864	0	0	0	18,394	0	21,410	2,399	21,410	23,809						
Florida	17,456,897	0	6,884,922	24,341,819	3,573,607	49,035,009	1,542,877	16,345	696,303	0	795,552	364,705	56,024,399	80,366,218	4,575,163	84,941,381						
Georgia	0	70	1,184,407	1,184,477	8,483,635	41,543,021	11,989,648	0	626,906	48,406	12,953,531	1,128,478	76,773,626	77,958,102	1,866,647	79,824,749						
Guam	0	0	60	60	15,279	88,866	116,508	0	0	0	0	3,713	224,399	49	224,508							
Hawaii	0	0	0	0	244,036	1,984,530	222,963	4,477	5,127	0	0	142,403	2,603,536	343,728	2,947,264							
Idaho	0	0	187,402	187,402	578,052	2,586,572	2,466,293	0	2,447,171	1,584,473	15,598,825	20,036,863	45,298,250	45,485,652	2,385,585	47,871,236						
Illinois	267	167,011	3,888,134	4,055,413	3,559,876	23,909,735	10,223,373	0	21,853	35,305	8,314,943	615,241	48,480,326	52,535,739	42,532,834	95,068,572						
Indiana	741,523	118,515	19,298,594	20,158,632	5,541,266	39,635,852	15,033,514	0	399,095	0	8,451,874	2,307,913	71,369,514	91,528,145	40,546,216	132,074,361						
Iowa	0	0	5,374,990	5,374,990	2,839,781	15,281,987	5,178,235	0	937,652	0	457,282	98,248	24,793,185	30,168,175	16,308,881	46,477,055						
Kansas	1,060,275	0	8,052,582	9,112,856	1,731,989	6,279,656	620,384	250	8,721	0	334,464	126,499	9,101,963	18,214,819	2,908,586	21,123,404						
Kentucky	1,928	0	47,163,213	47,165,141	4,232,602	41,323,451	4,940,511	0	516,525	0	33,781,966	1,082,985	85,878,039	133,043,180	9,564,367	142,607,547						
Louisiana	34,475,158	4,130,545	11,448,712	50,054,415	11,116,715	34,561,510	11,803,721	0	3,190	0	4,682,321	290,675	62,458,131	112,512,546	7,014,860	119,527,406						
Maine	0	0	913,056	913,056	1,185,786	2,664,694	2,872,118	0	0	0	17,031	6,739,629	7,652,685	8,109,966	8,463,681							
Maryland	0	0	1,073,727	1,073,727	331,401	29,725,683	1,106,395	30,469	506,252	0	6,672	68,120	31,774,992	32,848,719	2,910,592	35,759,311						
Massachusetts	0	0	5,250	5,250	668,310	2,578,736	6,194	0	0	0	10,162	12,702	3,276,105	3,281,355	2,093,654	5,375,009						
Michigan	641,883	2,049,582	9,177,920	11,869,386	1,938,750	30,686,591	2,204,842	0	750	0	5,977,255	833,481	41,641,669	53,511,055	17,235,270	70,746,325						
Minnesota	0	0	6,973,754	6,973,754	1,505,832	6,960,337	1,204,104	0	55,833	0	2,010,607	1,012,778	12,749,491	19,723,245	2,506,495	22,229,740						
Mississippi	14,022,247	0	1,513,855	15,536,102	3,291,550	12,098,544	7,481,611	0	0	27,297	10,276,661	226,631	34,212,294	49,748,397	4,368,400	54,116,796						
Missouri	0	2,554,715	3,357,323	5,912,038	3,089,566	12,011,606	1,939,698	0	13,070	0	42,622,924	8,124,248	67,801,112	73,713,150	2,014,235	75,727,384						
Montana	0	52	9,748,800	9,748,852	310,360	1,987,675	259,491	7,869	1,315	0	7,648,198	19,864,988	30,079,895	39,828,747	1,340,346	41,169,093						
Nebraska	0	0	5,295,491	5,295,491	544,371	4,944,667	15,174,936	0	530,479	0	1,978	323,853	21,520,284	26,815,775	2,746,980	29,562,754						
Nevada	0	2,635,122	1,770,152	4,405,274	1,000,727	632,177	118	0	114	0	114,008,648	61,122,883	176,764,667	181,169,941	2,201,222	183,371,163						
New Hampshire	0	0	16,347	16,347	35,447	2,633,134	1,719	0	0	0	0	0	2,670,300	2,686,647	212,627	2,899,274						
New Jersey	0	135,858	1	135,859	736,965	3,589,381	5,829,664	0	19,460	2,446	0	224,114	10,402,031	10,537,890	2,406,707	12,944,597						
New Mexico	22,744	0	6,273,951	6,296,695	391,129	699,535	38,361	0	2,130,094	0	1,025,853	4,565,427	8,850,397	15,147,092	150,808	15,297,901						
New York	0	756,261	630,103	1,386,364	1,099,046	7,767,219	7,818,447	0	2,247	0	54	253,495	16,940,508	18,326,871	4,952,652	23,279,524						
North Carolina	0	2,108	4,866,903	4,869,011	4,842,766	30,296,011	11,510,539	0	221,817	0	2,848,856	2,661,464	52,381,454	57,250,465	6,332,180	63,582,646						
North Dakota	0	0	2,173,049	2,173,049	3,399,743	23,388,518	3,497	385,390	0	0	5,151,502	1,685,531	11,058,985	13,232,034	7,972,526	21,204,560						
Northern Mariana Islands	0	0	0	0	1,570	4,208	0	0	0	0	0	2	5,780	328	6,108							
Ohio	13,864,581	12,995,047	10,708,348	37,567,977	6,265,653	68,858,053	6,138,487	0	834,549	109,946	10,243,720	157,794	92,608,201	130,176,178	28,332,380	158,508,558						
Oklahoma	48,215	7,512,836	1,483,982	9,045,034	2,666,287	12,098,455	3,022,328	0	7,718	0	833,807	487,713	19,116,308	28,161,342	2,953,945	29,553,945						
Oregon	0	2,869,208	1,083,763	3,952,971	1,209,035	4,839,356	1,900,205	0	299,771	0	5,743	12,806	8,266,916	12,219,887	5,043,683	17,263,571						
Pennsylvania	0	5	6,045,012	6,045,017	3,546,867	50,465,370	8,859,207	0	192,513	5	1,162,087	1,430,331	65,656,381	71,701,398	48,698,910	120,400,308						
Puerto Rico	0	0	0	0	1,120,260	4,000,531	441	0	0	0	0	250	5,121,483	5,121,483	1,334,268	6,455,751						
Rhode Island	0	0	0	0	73,785	99,433	693	0	0	0	0	788	174,700	174,700	220,531	395,231						
South Carolina	0	470	4,084,685	4,085,155	5,805,771	26,773,931	3,285,646	0	219,420	1	3,081,392	489,956	39,656,116	43,741,271	5,660,580	49,401,851						
South Dakota	0	0	16,456	17,608,531	17,624,987	6,913,474	25,032,542	3,008,403	0	471	0	26,361,764	136,800	61,453,454	79,078,441	10,023,312	89,101,753					
Tennessee	0	55,192,803	3,104,806	23,163,545	81,461,154	23,172,423	39,523,893	12,562,451	5,609	2,905,526	49	6,440,560	639,603	85,250,113	166,711,267	23,068,126	189,779,393					
Utah	0	3,588,294	8,422,472	12,010,766	1,376,349	5,494,823	100,856	0	204,307	0	103,615,104	22,280,107	133,071,546	145,082,313	2,291,065	147,373,378						
Vermont	0	0	0	0	14,202	11,231	118,276	0	0	0	0	14,203	157,912	157,912	104,118	262,030						
Virgin Islands	0	0	0	0	80,875	3																

**The 20 Counties with
Largest TRI On-site and
Off-site Disposal or Other
Releases, 2009**

County	State	On-site Disposal or Other Releases												Total On-site Disposal or Other Releases Pounds				
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills						Other On-site Disposal or Other Releases										
		Total Facilities Number	Total Forms Number	Total Form As Number	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds		
Northwest Arctic	AK	2	16	1	0	0	0	271,998	4,102	2,827	0	0	276,653,465	360,595,734	637,528,125			
Salt Lake	UT	63	234	17	0	0	543,301	543,301	145,770	450,231	100,538	0	0	101,823,372	22,159,246	124,682,766		
Humboldt	NV	9	56	0	0	0	767,032	767,032	34,767	309,480	100	0	0	46,278,596	3,195,487	49,818,431		
Juneau	AK	2	13	1	0	0	0	0	592	18,828	311	26,150,779	0	0	0	21,073,647	47,244,157	
Eiko	NV	8	64	9	0	0	6,832	6,832	351,855	24,038	0	0	0	36,245,420	6,514,825	43,136,137		
Gila	AZ	6	44	0	0	0	10,839	10,839	192,157	566,228	1,271	0	0	491,408	39,784,850	41,035,914		
Lander	NV	3	30	0	0	0	1,129	1,129	68,098	114,974	0	0	0	13,064,844	26,891,772	40,139,709		
Harris	TX	347	2,211	184	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	
Henderson	KY	13	74	11	0	0	27,374,871	27,374,871	6,789	1,061,659	6,052	0	48	0	6,843,720	0	7,918,268	
Escambia	FL	13	111	9	17,417,908	0	1,100,394	18,518,302	576,222	11,727,049	146,460	0	0	0	13,790	3,356	12,466,877	
Eureka	NV	4	43	0	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,939,117	
Shoshone	ID	6	29	0	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976		
Lake	IN	50	356	9	0	0	9,429,670	9,429,670	564,099	3,552,858	1,610,059	0	0	0	0	13,261	5,740,278	
Beaver	PA	37	212	8	0	0	0	0	94,472	1,242,324	534,944	0	0	0	0	0	1,871,740	
Hancock	KY	7	61	1	0	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	21,333,609
Montgomery	TN	12	35	2	0	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583
Wayne	MI	110	637	49	0	2,019,374	0	2,019,374	332,700	5,460,689	26,495	0	0	0	0	1,306	5,821,190	7,840,563
Spencer	IN	3	30	0	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	0	667,853	55	16,849,165	
Humphreys	TN	7	64	0	0	0	12,228,908	12,228,908	890,032	5,520,896	492,327	0	0	0	1,503,067	0	8,406,323	
Brazoria	TX	35	414	12	14,058,750	91,791	82,048	14,232,590	2,089,809	1,893,362	1,887,460	0	3	0	2,592	0	5,873,226	
Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).																		
For more detailed information on this subject refer to <i>The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data</i> document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf .																		
Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).																		

**The 20 Counties with
Largest TRI On-site and
Off-site Disposal or Other
Releases, 2009**

County	State	Off-site Disposal or Other Releases																		Total On-site and Off-site Disposal or Other Releases Pounds					
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills						Other Off-site Disposal or Other Releases																	
		RCRA			Wastewater Treatment (Excluding POTWs)			Transfers to POTWs (Metals and Metal Category Compounds Only)			RCRA Subtitle C Surface Impoundments			Other Surface Impoundments			Land Treatment			Other Off-site Management			Transfers to Waste Broker for Disposal		
Class I Wells Pounds	Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	POTWs (Metals and Metal Category Compounds Only) Pounds	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds								
Northwest Arctic AK	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	637,528,607							
Salt Lake UT	UT	0	114,433	7,489	121,922	0	20,523	0	327	0	0	0	372,362	80	503	8	393,804	515,726	125,741,794						
Humboldt NV	NV	0	859	38	897	0	0	0	0	0	0	0	0	0	4	0	4	901	50,586,363						
Juneau AK	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,244,157						
Eiko NV	NV	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	612	43,143,581						
Gila AZ	AZ	0	109	0	109	0	259	0	6,855	0	0	0	0	650,270	2	0	0	657,386	657,495	41,704,248					
Lander NV	NV	0	1,289	0	1,289	0	0	0	0	0	0	0	0	4	0	499	0	503	1,792	40,142,629					
Harris TX	TX	2,176,980	245,768	10,670,807	13,093,556	441,953	73,806	20,716	22,807	24,603	0	1	457	2,216	388,258	556,190	88,840	1,619,848	14,713,404	37,898,395					
Henderson KY	KY	0	8,470	9,149	17,619	0	714	0	583	0	0	0	0	5	0	0	0	1,302	18,921	35,312,060					
Escambia FL	FL	0	612	300,847	301,459	0	0	0	116	0	0	0	0	884	0	0	0	1,000	302,459	31,287,639					
Eureka NV	NV	0	1,107	0	1,107	49	0	0	0	0	0	0	0	0	0	0	0	49	1,156	29,000,707					
Shoshone ID	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,920,743					
Lake IN	IN	287	185,068	9,090,347	9,275,702	68	534,024	91,434	199	0	0	0	0	0	27,058	77	1	652,861	9,928,563	25,098,511					
Beaver PA	PA	0	14,390	20,561,576	20,575,066	0	39,790	6,865	10	0	0	1,917,386	0	121	681	5,658	22	1,970,532	22,546,498	24,418,238					
Hancock KY	KY	0	53	106,326	106,379	0	0	7	0	0	0	0	0	4,169	0	1,670	0	5,846	112,225	21,445,983					
Montgomery TN	TN	0	0	106,980	106,980	0	4,159	1,817	81	0	0	0	0	0	0	0	0	6,057	113,037	21,267,621					
Wayne MI	MI	34,211	181,747	12,702,833	12,918,791	2,577	108,088	29,270	5,084	0	0	0	818	19,080	15,279	5,759	37,135	223,091	13,141,881	20,982,445					
Spencer IN	IN	0	0	892,298	892,298	0	11,490	0	0	0	0	0	0	0	0	0	0	11,490	903,788	20,907,863					
Humphreys TN	TN	0	7	0	7	0	0	0	0	0	0	0	0	0	56,300	2	56,302	56,309	20,691,541						
Brazoria TX	TX	619	345,518	27,564	373,701	27,897	21,712	22	0	4,508	0	0	26	2	340	12,591	66,634	133,732	507,433	20,613,248					

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with
Largest TRI On-site and
Off-site Disposal or
Other Releases, not
including Class I
Underground Injection
Wells, RCRA Subtitle C
Landfills and Other
Landfills, 2009

County	State	On-site Disposal or Other Releases													Total On-site Disposal or Other Releases Pounds			
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases											
		Total Facilities Number	Total Forms Number	Total Form As Number	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds		
Northwest Arctic	AK	2	16	1	0	0	0	271,998	4,102	2,827	0	0	0	276,653,465	360,595,734	637,528,125		
Salt Lake	UT	63	234	17	0	0	543,301	145,770	450,231	100,538	0	3,609	0	101,823,372	22,159,246	124,682,766		
Humboldt	NV	9	56	0	0	0	767,032	767,032	34,767	309,480	100	0	0	46,278,596	3,195,487	49,818,431		
Juneau	AK	2	13	1	0	0	0	0	0	592	18,828	311	26,150,779	0	0	21,073,647	47,244,157	
Elko	NV	8	64	9	0	0	0	6,832	6,832	351,855	24,038	0	0	0	36,245,420	6,514,825	43,136,137	
Gila	AZ	6	44	0	0	0	10,839	10,839	192,157	566,228	1,271	0	0	0	491,408	39,784,850	41,035,914	
Lander	NV	3	30	0	0	0	0	1,129	1,129	68,098	114,974	0	0	21	0	13,064,844	26,891,772	40,139,709
Eureka	NV	4	43	0	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,899,551	
Shoshone	ID	6	29	0	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976		
Hancock	KY	7	61	1	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	21,333,609	
Montgomery	TN	12	35	2	0	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583
Silver Bow	MT	2	13	0	0	0	0	0	0	500	0	1,735	0	0	0	4,827,394	14,803,570	19,633,199
Reynolds	MO	4	13	0	0	0	0	0	24,383	1,778	23,491	0	0	0	19,518,000	0	19,567,652	
Harris	TX	347	2,211	184	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	
Iron	MO	3	14	3	0	2,436,028	0	2,436,028	39,163	4,515	45,990	0	0	0	17,342,000	0	17,431,668	
Spencer	IN	3	30	0	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	0	667,853	55	16,849,165	
Washington	OH	17	107	0	0	0	0	0	989,930	9,055,332	1,000,977	0	172,516	0	0	3,302,941	4,909	14,526,604
Armstrong	PA	4	26	0	0	0	661,539	661,539	695	16,159,972	18,486	0	0	0	0	0	0	16,840,691
Monroe	MI	16	74	6	0	0	393,621	393,621	19,915	10,296,628	32,383	0	0	0	4,930,350	49,990	15,329,266	
Anne Arundel	MD	14	71	14	0	0	0	34,222	13,119,552	485,799	0	0	0	6,672	43,515	13,689,759	13,689,759	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94), M91, and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with
Largest TRI On-site and
Off-site Disposal or
Other Releases, not
including Class I
Underground Injection
Wells, RCRA Subtitle C
Landfills and Other
Landfills, 2009

County	State	Off-site Disposal or Other Releases																Total On-site Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, Pounds				
		Other Off-site Disposal or Other Releases																				
		RCRA Subtitle C Landfills Pounds		Solidification/ Stabilization (Metals and Metal Category		Wastewater Treatment (Excluding POTWs)		Transfers to POTWs (Metals and Metal Category		RCRA Subtitle C		Other Surface Impoundments Pounds		Land Treatment Pounds		Other Land Disposal Pounds		Broker for Disposal Pounds	Total Off-site and Off-site Disposal or Other Releases Pounds			
Class I Wells Pounds	Subtotal Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Compounds Only) Pounds	Compounds Only) Pounds	Compounds Only) Pounds	Class II-V Wells Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Treatment Pounds	Land Treatment Pounds	Other Off-site Management Pounds	Land Disposal Pounds	Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds	Total Off-site and Off-site Disposal or Other Releases Pounds			
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	637,528,607	637,528,607		
Salt Lake	UT	0	114,433	7,489	121,922	0	20,523	0	327	0	0	0	372,362	80	503	8	393,804	515,726	125,741,794	125,076,570		
Humboldt	NV	0	859	38	897	0	0	0	0	0	0	0	0	0	4	0	4	901	50,586,363	49,818,434		
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,244,157	47,244,157		
Elko	NV	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	612	43,143,581	43,136,137		
Gila	AZ	0	109	0	109	0	259	0	6,855	0	0	0	650,270	2	0	0	657,386	657,495	41,704,248	41,693,300		
Lander	NV	0	1,289	0	1,289	0	0	0	0	0	0	0	4	0	499	0	0	503	1,792	40,142,629	40,140,211	
Eureka	NV	0	1,107	0	1,107	49	0	0	0	0	0	0	0	0	0	0	0	49	1,156	29,000,707	28,939,166	
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,920,743	25,920,743	
Hancock	KY	0	53	106,326	106,379	0	0	7	0	0	0	0	0	4,169	0	1,670	0	5,846	112,225	21,445,983	21,339,455	
Montgomery	TN	0	0	106,980	106,980	0	4,159	1,817	81	0	0	0	0	0	0	0	0	6,057	113,037	21,267,621	21,160,641	
Silver Bow	MT	0	0	32,481	32,481	0	0	0	0	0	0	0	0	0	0	0	0	0	32,481	19,665,680	19,633,199	
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,567,652	19,567,652		
Harris	TX	2,176,980	245,768	10,670,807	13,093,556	441,953	73,806	20,716	22,807	24,603	0	1	457	2,216	388,258	556,190	88,840	1,619,848	14,713,404	37,889,395	18,494,583	
Iron	MO	0	0	99,910	99,910	0	0	0	0	0	0	0	0	0	0	0	0	0	99,910	19,967,606	17,431,668	
Spencer	IN	0	0	892,298	892,298	0	11,490	0	0	0	0	0	0	0	0	0	0	11,490	903,788	20,907,863	16,860,655	
Washington	OH	0	167	193,772	193,939	0	36,923	1,617,434	0	0	0	0	0	0	0	135,292	6,218	0	1,795,867	1,989,806	16,516,410	16,322,472
Armstrong	PA	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	0	80	16,840,771	16,179,232	
Monroe	MI	0	0	58,390	58,390	0	0	10	337	0	0	0	0	0	0	0	8	0	354	58,744	15,781,631	15,329,620
Anne Arundel	MD	0	2,465	182,502	184,968	0	244	26	68	0	0	0	0	0	0	64	118	0	520	185,488	13,875,247	13,690,280

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

**The 20 Counties with Largest
TRI On-site and Off-site
Disposal or Other Releases,
not including Class I
Underground Injection Wells,
RCRA Subtitle C Landfills and
RCRA Subtitle C Surface
Impoundments, 2009**

County	State	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds		
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills							Other On-site Disposal or Other Releases									
		Total Facilities Number	Total Forms Number	Total Form As Number	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds		
Northwest Arctic	AK	2	16	1	0	0	0	271,998	4,102	2,827	0	0	0	276,653,465	360,595,734	637,528,125		
Salt Lake	UT	63	234	17	0	0	543,301	543,301	145,770	450,231	100,538	0	3,609	0	101,823,372	22,159,246	124,682,766	
Humboldt	NV	9	56	0	0	0	767,032	767,032	34,767	309,480	100	0	0	46,278,596	3,195,487	50,585,462		
Juneau	AK	2	13	1	0	0	0	0	592	18,828	311	26,150,779	0	0	0	21,073,647	47,244,157	47,244,157
Elko	NV	8	64	9	9	0	0	6,832	6,832	351,855	24,038	0	0	0	36,245,420	6,514,825	43,136,137	
Gila	AZ	6	44	0	0	0	0	10,839	10,839	192,157	566,228	1,271	0	0	491,408	39,784,850	41,035,914	
Lander	NV	3	30	0	0	0	0	1,129	1,129	68,098	114,974	0	0	21	0	13,064,844	26,891,772	40,140,837
Henderson	KY	13	74	11	0	0	27,374,871	27,374,871	6,789	1,061,659	6,052	0	48	0	6,843,720	0	7,918,268	
Harris	TX	347	2,211	184	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	
Eureka	NV	4	43	0	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,939,117	
Lake	IN	50	356	9	9	0	0	9,429,670	9,429,670	564,099	3,552,858	1,610,059	0	0	0	0	13,261	5,740,278
Beaver	PA	37	212	8	0	0	0	0	94,472	1,242,324	534,944	0	0	0	0	0	0	1,871,740
Shoshone	ID	6	29	0	0	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976	
Hancock	KY	7	61	1	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	25,920,743	
Montgomery	TN	12	35	2	2	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583
Spencer	IN	3	30	0	0	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	667,853	55	16,849,165	
Humphreys	TN	7	64	0	0	0	0	12,228,908	12,228,908	890,032	5,520,896	492,327	0	0	0	1,503,067	0	8,406,323
Silver Bow	MT	2	13	0	0	0	0	0	0	500	0	1,735	0	0	0	4,827,394	14,803,570	19,633,199
Reynolds	MO	4	13	0	0	0	0	0	0	24,383	1,778	23,491	0	0	0	19,516,000	0	19,567,652
Wayne	MI	110	637	40	0	2,019,374	0	332,700	5,460,680	26,495	0	0	0	0	1,306	5,821,190	7,840,563	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest
TRI On-site and Off-site
Disposal or Other Releases,
not including Class I
Underground Injection Wells,
RCRA Subtitle C Landfills and
RCRA Subtitle C Surface
Impoundments, 2009

County	State	Off-site Disposal or Other Releases												Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds	Total Disposal or Other Releases not including On-site Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, Pounds		
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills						Other Off-site Disposal or Other Releases										
		RCRA Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Wastewater Treatment (Excluding POTWs) Compounds Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	RCRA Subtitle C Class II-V Wells Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	637,528,607	
Salt Lake	UT	0	114,433	7,489	121,922	0	20,523	0	327	0	0	0	372,362	80	503	8	393,804	515,726
Humboldt	NV	0	859	38	897	0	0	0	0	0	0	0	0	0	4	0	4	50,586,363
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,244,157
Elko	NV	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	612	43,143,581
Gila	AZ	0	109	0	109	0	259	0	6,855	0	0	0	0	650,270	2	0	0	657,386
Lander	NV	0	1,289	0	1,289	0	0	0	0	0	0	0	4	0	499	0	0	503
Henderson	KY	0	8,470	9,149	17,619	0	714	0	583	0	0	0	0	5	0	0	0	1,302
Harris	TX	2,176,980	245,768	10,670,807	13,093,556	441,953	73,806	20,716	22,807	24,603	0	1	457	2,216	388,258	556,190	88,840	1,619,848
Eureka	NV	0	1,107	0	1,107	49	0	0	0	0	0	0	0	0	0	0	49	1,156
Lake	IN	287	185,068	9,090,347	9,275,702	68	534,024	91,434	199	0	0	0	0	0	27,058	77	1	652,861
Beaver	PA	0	14,390	20,561,576	20,575,966	0	39,790	6,865	10	0	0	1,917,386	0	121	681	5,658	22	1,970,532
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,920,743
Hancock	KY	0	53	106,326	106,379	0	0	7	0	0	0	0	0	4,169	0	1,670	0	5,846
Montgomery	TN	0	0	106,980	106,980	0	4,159	1,817	81	0	0	0	0	0	0	0	6,057	11,037
Spencer	IN	0	0	892,298	892,298	0	11,490	0	0	0	0	0	0	0	0	0	11,490	903,788
Humphreys	TN	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	56,309	20,691,541
Silver Bow	MT	0	0	32,481	32,481	0	0	0	0	0	0	0	0	0	0	0	0	32,481
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,665,680
Wayne	MI	34,211	181,747	12,702,833	12,919,791	2,577	108,088	29,270	5,084	0	0	818	19,080	15,279	5,759	37,135	223,091	13,141,881
																	20,982,445	18,747,113

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 20 Counties with Largest Total On-site Disposal or Other Releases, 2009

County	State	Total Facilities Number	On-site Disposal or Other Releases															Total On-site Disposal or Other Releases Pounds
			On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases										
			RCRA Subtitle C Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Releases Pounds		
Northwest Arctic	AK	2	0	0	0	0	271,998	4,102	2,827	0	0	0	276,653,465	360,595,734	637,528,125	482	637,528,607	
Salt Lake	UT	63	0	0	543,301	543,301	145,770	450,231	100,538	0	3,609	0	101,823,372	22,159,246	124,682,766	515,726	125,741,794	
Humboldt	NV	9	0	0	767,032	767,032	34,767	309,480	100	0	0	0	46,278,596	3,195,487	49,818,431	901	50,586,363	
Juneau	AK	2	0	0	0	0	592	18,828	311	26,150,779	0	0	0	21,073,647	47,244,157	47,244,157	0	47,244,157
Etna	NV	8	0	0	6,832	6,832	351,855	24,038	0	0	0	0	36,245,420	6,514,825	43,136,137	612	43,143,581	
Gila	AZ	6	0	0	10,839	10,839	192,157	566,228	1,271	0	0	0	491,408	39,784,850	41,035,914	657,495	41,704,248	
Lander	NV	3	0	0	1,129	1,129	68,098	114,974	0	0	21	0	13,064,844	26,891,772	40,139,709	1,792	40,142,629	
Henderson	KY	13	0	0	27,374,871	27,374,871	6,789	1,061,659	6,052	0	48	0	6,843,720	0	7,918,268	35,293,139	18,921	
Escambia	FL	13	17,417,908	0	1,100,394	18,518,302	576,222	11,727,049	146,460	0	0	0	13,790	3,356	12,466,877	30,985,180	302,459	31,287,639
Eureka	NV	4	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,939,117	1,156	29,000,707	
Shoshone	ID	6	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976	25,920,743	0	25,920,743	
Harris	TX	347	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	23,184,991	14,713,404	37,898,395
Hancock	KY	7	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	21,333,609	21,333,758	112,225	21,445,983
Montgomery	TN	12	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583	21,154,583	113,037	21,267,621
Humphreys	TN	7	0	0	12,228,908	12,228,908	890,032	5,520,896	492,327	0	0	0	1,503,067	0	8,406,323	20,635,232	56,309	20,691,541
Brazoria	TX	35	14,058,750	91,791	82,048	14,232,590	2,089,809	1,893,362	1,887,460	0	3	0	2,592	0	5,873,226	20,105,816	507,433	20,613,248
Spencer	IN	3	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	0	667,853	55	16,849,165	20,004,075	903,788	20,907,863
Iron	MO	3	0	2,436,028	0	2,436,028	39,163	4,515	45,990	0	0	0	17,342,000	0	17,431,668	19,867,696	99,910	19,967,606
Silver Bow	MT	2	0	0	0	0	500	0	1,735	0	0	0	4,827,394	14,803,570	19,633,199	19,633,199	32,481	19,665,680
Reynolds	MO	4	0	0	0	0	24,383	1,778	23,491	0	0	0	19,518,000	0	19,567,652	19,567,652	0	19,567,652

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases												Total On-site Disposal or Other Releases Subtotal Pounds			
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases										
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Treatment Pounds	Land Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds				
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	268,007	2,700	0	0	0	276,653,465	96,000	1,195	637,921,195			
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	20	0	0	54,169	54,169	4,474	8,908	5,305	0	3,570	0	79,397,407	22,139,214	101,558,079	101,613,047		
Nevmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	23	0	0	3,150	3,150	21,441	98,781	500	0	0	46,117,427	1,742,299	47,980,548	47,983,698			
Hecla Greens Creek Mining Co	Juniper	AK	2122	9	0	0	0	0	592	18,496	278	26,150,756	0	0	0	21,073,647	47,243,770	47,243,770		
Barick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	304,033	22,590	0	0	0	34,646,507	6,498,342	41,471,472	41,478,132			
Big Rivers Electric Corp Red/Green/HMP&L Station II	Robards	KY	2211	20	0	0	27,374,870	27,374,870	60	601,552	5,894	0	0	0	6,843,720	0	7,451,226	34,826,096		
Nevmont Mining Corp - Carlin South Area	Carlin	NV	2122	23	0	0	2,681	2,681	38,527	2,213	5	0	18	0	16,556,200	11,673,000	28,269,963	28,272,644		
Kennecott USA Copper Smelter & Refinery	Magna	UT	331	21	0	0	489,133	489,133	8,011	10,930	7,222	0	39	0	22,423,779	5,740	22,423,779	20,985,554		
ASARCO LLC Corp - Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	0	0	98,369	152,353	1,271	0	0	0	217,260	19,297,066	19,766,319	19,766,319		
Hossehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	12,618	585,103	4,128	0	0	0	0	20,468,643	20,695,715	601,849	601,849	
Nystar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	636	223,226	6,306	0	0	0	20,709,415	0	20,930,983	20,930,983		
Big Rivers Electric Corp Coleman Station	Hawesville	KY	2211	15	0	0	0	0	40	720,966	2,319	0	0	0	19,816,239	0	20,539,564	20,539,564		
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	98,369	152,353	1,271	0	0	0	0	0	0	0		
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	0	1,584	521	0	0	0	0	0	0	0	0		
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	0	0	0	0		
Gold King Mine	Crescent Valley	NV	2122	14	0	0	1,129	1,129	1,265,1	689	0	0	0	0	0	0	0	0		
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	6	0	0	0	0	62	100	3,131	0	0	0	0	0	0	0		
Solutia - Huntsman	Cantonment	FL	325	33	17,417,908	0	0	0	17,417,908	23,881	109,166	0	0	0	0	0	0	0		
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	12,514	379	45,023	0	0	0	0	17,342,000	0	17,399,916		
Iheos USA LCL Green Lake Plant	Port Lavaca	TX	322	23	16,104,213	0	0	0	16,104,213	85,123	73,546	1,387	0	0	0	0	0	0		
RRI Energy Inc Keystone Power Plant	Shelbyton	PA	2211	17	0	0	626,244	626,244	430	15,436,496	18,438	0	0	0	0	0	0	0		
DuPont Delisle Plant	Pass Christian	MS	322	22	14,022,247	0	0	326,080	14,348,328	4,259	947,055	1,827	0	0	0	0	0	0		
Orbital ATK Propulsion Inc	Kennett City	MS	324	34	0	0	14,552,714	126,547	1,061	7,321	1,061	0	0	0	0	0	0	0		
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	9,691,1	31,671	0	0	0	0	4,886,608	0	14,618,072	14,618,072		
Cycle Industries Inc Fortier Plant	Westwego	LA	325	21	13,664,293	0	0	0	13,664,293	29,136	323,238	16,965	0	0	0	0	0	0		
Big Rivers Electric Corp Wilson Station	Centertown	KY	2211	16	0	0	13,747,788	13,747,788	45	14,213	1,456	0	0	0	0	0	0	0		
Ak Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	10,421	12,583,748	0	0	0	0	0	0	0		
Brande Shores & Wagner Complex	Baltimore	MD	2211	28	0	0	0	0	0	31,493	13,109,753	1,232	0	0	0	0	39,512	13,181,990		
US Army Radford Army Ammunition Plant	Radford	VA	15	0	0	0	0	0	0	28,861	386,466	12,009,175	0	0	0	0	400	12,424,922		
Enviro Services of Ohio Inc	Oregon	OH	562	16	0	0	12,544,380	0	12,544,380	179	0	0	0	0	0	0	0	0		
DuPont Jeffersonville Plant	New Johnsonville	IN	325	21	0	0	9,475,355	8,475,355	4,595	2,883,168	0	0	0	0	0	0	0	0		
USC Gary Works	Gary	IN	321	46	0	0	0	0	9,420,670	9,420,670	362,962	263,641	1,435,213	0	0	0	0	0	0	
Pearis Disposal Co #1	Pearis	IL	562	11	0	0	167,011	0	167,011	1	7	0	0	0	0	0	0	0		
Ascend Performance Materials Chocolate Bayou Facility	Alvin	TX	325	35	11,038,898	85,089	0	0	11,123,987	31,887	84,436	10,941	0	0	0	0	1,025,900	10,100,685		
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	936	0	12	0	0	0	0	0	0	0		
Steel Dynamics Inc	Butler	IN	331	11	0	0	0	0	6,401	35,258	1	0	0	0	0	0	0	0		
Monsanto Luling	Luling	LA	325	17	10,658,425	0	0	0	10,658,425	6,157	85,382	162,152	0	0	0	0	0	0		
Chemtrol Environmental Management	Emelle	AL	562	34	0	0	10,836,719	0	10,836,719	1,137	0	0	0	0	0	0	0	0		
Gulf Power Co - Plant Crist	Pensacola	FL	2211	18	0	0	928,750	928,750	25,200	9,804,196	5,832	0	0	0	0	13,790	0	9,846,018		
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	22	0	0	0	0	874,220	874,220	1,054	9,449,158	9,110	0	0	0	555	0	9,455,877	
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	0	61,130	121,155	24,034	0	0	0	0	27,297	0	10,042,683	
Colstrip Steam Electric Station	Colstrip	MT	2211	24	0	0	9,551,120	9,551,120	265	236,255	0	0	0	0	0	0	0	0	0	
MEMC Pasadena Inc	Pasadena	TX	325	4	0	0	0	0	42,634	25,868	0	0	0	0	0	0	0	0	68,502	
Dyno Nobel Inc - Cheyenne Plant	Cheyenne	WY	325	10	9,282,000	0	0	0	9,282,000	189,829	198,950	0	0	0	0	0	0	0	0	68,502
Brown & Root Mill	Bunker	MO	2122	4	0	0	0	0	2,771	0	0	0	0	0	0	0	0	0	0	
USA TVA Paragon Fossil Plant	Dickensonboro	KY	2211	22	0	0	0	0	0	27,153	7,713,713	245,200	0	0	0	0	1,331,203	0	9,317,712	
Iheos USA LLC	Lima	OH	325	35	8,839,490	0	0	0	8,839,490	34,356	332,012	0	0	0	0	0	0	0	0	365,368
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	40,473	40,473	1,535	6,675,594	11,950	0	0	0	0	0	0	0	0	949,384
American Electric Power Muskingum River Plant	Beverly	OH	2211	18	0	0	0	0	0	310	7,421,075	7,940	0	0	0	0	172,516	0	846,115	
Brown Steam Electric Generating Plant	Centerville	GA	2211	21	0	0	0	0	44,100	5,431,270	24,201	0	0	0	0	0	0	0	0	2,761,798

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/pdfs/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharge (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M64, M72), Storage Only (M70), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M82 or M81), RCRA Subtitle C Surface Impoundments (M88), Other Surface Impoundments (M67, M83), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M77), Other Off-site Management (M80), Transfers to Waste Broker - Disposal (M44, M81), and Unknown (M89) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009

Facility	Off-site Disposal or Other Releases																	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases																
	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Compounds Pounds	Wastewater Treatment (Metals and Metal Stabilization/Compounds Only) Category Compounds Pounds	Transfers to POTWs (Metals and Metal Compounds Only) Category Compounds Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds							
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	0	637,670	637,670			
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	16,840	0	0	0	0	0	0	0	0	16,870	16,870	0	101,629,916	101,629,916			
Newmont Mining Corp Twin Creeks Mine	0	859	0	859	0	0	0	0	0	0	0	0	0	859	47,984,557	0					
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,243,770	47,243,770			
Barick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	612	41,478,744	0					
Big Rivers Electric Corp Reid/Green/HMP&L Station II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,107	1,107			
Newmont Mining Corp - Carlin South Area	0	1,107	0	1,107	0	0	0	0	0	0	0	0	0	0	0	0	28,273,751	28,273,751			
Kennecott Utah Copper Smelter & Refinery	0	0	75	75	3,554	0	0	0	0	0	0	0	0	0	3,554	0	3,602	33,022			
ASARCO LLC River Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13			
Hornelhead Corp Monaca Smelter	0	0	20,324,417	20,324,417	33,288	0	0	0	0	0	0	0	15	0	22	33,325	20,357,742	20,357,742			
Nystar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Big Rivers Electric Corp Coleman Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,39,593	20,39,593			
Freeport-McMoran Miami Inc	0	0	0	0	259	0	6,843	0	0	0	650,270	0	0	0	657,371	657,371	20,422,690				
Newmont Mining Corp Copper Canyon Facility	0	1,289	0	1,289	0	0	0	0	0	0	0	0	0	0	0	0	1,289	20,422,374			
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Cerro Gold Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	503	503			
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,812,430			
Solutia - Huntsman	0	612	113	725	0	0	0	0	0	0	884	0	0	0	884	1,609	17,552,565				
Buck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,399,916			
Ineos USA LCL Green Lake Plant	0	0	0	0	0	0	2,521	0	0	0	0	0	0	0	0	0	2,521	16,266,790			
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
DuPont Delisle Plant	0	0	136	136	0	0	0	0	0	0	0	0	0	0	0	0	136	15,301,607			
Orbital ATK Propulsion Inc	0	0	0	0	0	0	814	0	0	0	0	0	1,995	3,444	0	6,256	6,256				
Detroit Edison Monroe Power Plant	0	0	15,164	15,164	0	0	0	0	0	0	0	0	0	0	0	0	15,164	14,634,136			
Cycle Industries Inc Fortier Plant	0	12	336	348	0	0	0	0	0	0	0	0	0	0	0	0	348	14,033,980			
Big Rivers Electric Corp Wilson Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,763,503			
Ak Steel Corp (Rockport Works)	0	0	887,135	887,135	0	11,490	0	0	0	0	0	0	0	0	0	0	11,490	898,625			
Brande Shores & Wagner Complex	0	2,460	182,484	184,944	0	0	0	6	0	0	0	0	0	0	0	0	6	184,951			
US Army Redford Army Ammunition Plant	0	1,850	105,652	107,502	0	1,200	0	0	0	0	0	0	6	27,042	3,960	32,207	139,709	12,564,631			
Enviro Services of Ohio Inc	0	121	0	121	0	0	209	0	0	0	0	0	0	0	0	0	0	12,564,900			
DuPont Jacksonville Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
US S Gary Works	287	0	2,103	2,490	511,583	28	0	0	0	0	0	0	11,438	0	0	523,050	626,620	12,007,115			
Pearlia Disposal Co #1	0	0	11,257,057	11,257,057	0	0	107	0	0	0	0	0	0	0	0	0	107	11,257,164	11,424,183		
Ascend Performance Materials Chocolate Bayou Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,251,251		
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,127,558		
Steel Dynamics Inc	109	10,921,801	3,472	10,925,362	0	0	0	2	0	0	0	0	0	78,250	0	78,252	11,003,634	11,045,293			
Monsanto Luling	0	0	323	323	0	0	0	0	0	0	0	0	0	0	0	0	0	0	323		
Chemtrec Waste Management	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	10,912,442		
Gulf Power Co - Plant Crist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,857		
Florida Power Corp Crystal River Energy Complex	0	0	2,435	2,435	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,777,767		
Tronox LLC	0	0	0	0	5,605	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Colstrip Steam Electric Station	0	232	0	232	0	0	0	0	0	0	0	0	115,755	215	0	115,970	116,202	9,903,842			
MEMC Pasadena Inc	0	0	9,607,273	9,607,273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,607,273		
Dyno Nobel Inc - Cheyenne Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,670,779		
Brown Coal Mill Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,530,930		
US TVA Parsons Fossil Plant	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,317,321		
Ineos USA LLC	0	36	921	957	0	336	0	0	0	0	0	0	0	0	0	0	336	1,293	9,207,151		
American Electric Power Amos Plant	0	0	1,501,252	1,501,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,501,252	8,725,243		
American Electric Power Muskingum River Plant	0	0	4,504	4,504	0	0	0	0	0	0	0	0	0	0	0	0	0	4,504	8,452,504		
Brown Steam Electric Generating Plant	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	26	8,261,575		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Port Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M70), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M68), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker Disposal (M64, M71), and Unknown (M69) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2009

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases								On-site Disposal or Other Releases								Total On-site Disposal or Other Releases Pounds	
					On-site Disposal to Class I Underground Injection Wells, RCRA				Other On-site Disposal or Other Releases													
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Other Releases Pounds				
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	268,697	502	2,798	0	0	0	276,653,465	360,595,734	637,521,196	637,521,196				
Kenncott Utah Copper Mine Concentrators & Power Plant	Copperopolis	UT	2122	20	0	0	54,169	54,169	4,474	8,908	5,305	0	3,570	0	79,397,407	22,139,214	101,558,879	101,613,047				
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	23	0	0	0	3,150	3,150	21,441	98,781	100	0	0	46,117,427	1,742,759	47,980,548	47,983,698				
Heca Green Creek Mine Co	Juneeau	AK	2122	9	0	0	0	0	0	0	0	0	0	0	0	0	21,980,347	47,243,770	47,243,770			
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	0	6,689	6,689	304,033	22,590	0	0	0	34,646,507	6,498,343	41,474,472	41,474,472				
Newmont Mining Corp Calif South Area	Carlin	NV	2122	24	0	0	0	2,681	2,681	38,527	1,142	5	0	18	0	16,556,393	11,673,000	20,229,462	20,229,464			
Kenncott Utah Copper Mine South Area	Megna	UT	331	24	0	0	489,133	489,133	8,011	102,669	7,223	0	39	0	22,423,779	5,740	22,547,460	23,096,593				
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	0	10,839	85,759	413,113	0	0	0	0	0	20,486,843	20,985,715	20,986,554	20,939,583			
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	636	223,226	6,306	0	0	0	0	20,709,415	0	20,939,583	20,939,583			
Big Rivers Electric Corp Colman Station	Hawesville	KY	2211	15	0	0	0	0	40	720,866	2,319	0	0	0	19,816,239	0	20,539,564	20,539,564				
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	98,369	152,353	1,271	0	0	0	0	217,260	19,297,066	19,766,319	19,766,319			
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	0	1,584	521	0	0	0	0	1,371,181	19,047,799	20,421,085	20,421,085				
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	0	4,827,394	14,803,570	19,631,214	19,631,214			
Corex Gold Mines	Crescent Valley	NV	2122	14	0	0	0	1,129	1,129	21,651	690	0	0	21	0	11,653,663	7,843,973	19,559,998	19,561,126			
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	6	0	0	0	62	100	3,131	0	0	0	0	0	11,854,866	6,954,280	18,812,439	18,812,439			
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	12,514	379	45,023	0	0	0	0	0	17,342,000	0	17,399,916	17,399,916		
RRI Energy Inc Keystone Power Plant	Shelbyta	PA	2211	17	0	0	626,244	626,244	430	15,436,496	18,438	0	0	0	0	0	0	15,455,363	16,081,607	16,081,607		
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	9,611	9,691,081	31,671	0	0	0	0	4,886,608	0	14,618,972	14,618,972			
Brandon Shores & Wagner Complex	Baltimore	MD	2211	28	0	0	0	0	31,493	13,109,753	1,232	0	0	0	0	0	39,512	13,181,990	13,181,990			
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	10,421	12,583,748	0	0	0	0	0	0	12,594,169	12,424,922	12,424,922		
US Army Radford Army Ammunition Plant	Radford	VA	2122	15	0	0	0	0	28,861	386,486	12,009,175	0	0	0	0	0	0	1,025,900	10,100,685	11,127,533		
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	0	25	25	936	0	12	0	0	0	0	0	0	0	11,127,558		
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	61,130	121,155	248,034	0	0	0	0	27,297	9,555,067	0	10,042,683	10,042,683		
Gulf Power Co - Plant Crist	Pensacola	FL	2211	18	0	0	928,750	928,750	25,200	9,804,196	5,832	0	0	0	0	0	13,790	0	9,849,018	10,777,767		
Brushy Creek Mine/Mill	Bunker	MO	2122	4	0	0	0	0	0	2,771	0	9,532	0	0	0	0	0	9,498,000	0	9,510,303	9,510,303	
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	22	0	0	874,220	874,220	1,054	9,449,158	9,110	0	0	0	0	0	555	0	9,459,877	10,334,097		
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	22	0	0	0	0	0	27,193	7,717,113	245,200	0	0	0	0	1,331,203	0	9,177,312	9,177,312		
American Electric Power Muskingum River Plant	Bellefonte	OH	2211	18	0	0	0	0	310	7,421,075	7,949	0	0	0	0	172,516	846,115	45	8,449,000	8,449,000		
Brown & Root Electric Generating Plant	Centerville	GA	2211	21	0	0	0	0	44,100	5,431,270	24,201	0	0	0	0	0	2,761,978	0	8,261,549	8,261,549		
Morgantown Generating Station	Newburg	MD	2211	18	0	0	0	0	2,017	7,067,197	599	0	0	0	0	0	0	0	7,069,743	7,069,743		
Doos Run Co-Herculesmum Smelter	Herculaneum	MO	331	10	0	0	0	0	787	21,973	674	0	0	0	0	0	0	0	0	7,769,546	7,802,880	
Big Rivers Electric Corp Reid/Green/HMP&L Station II	Robards	KY	2211	20	0	0	27,374,870	27,374,870	60	601,552	5,894	0	0	0	0	0	6,843,720	0	7,451,226	34,826,096		
JM Stuart Station	Manchester	OH	2211	20	0	0	0	0	73	4,566,050	23,421	0	0	0	0	109,946	2,673,297	0	7,372,787	7,372,787		
American Electric Power Amos Plant	Wirtzfield	WV	2211	20	0	0	40,473	40,473	1,535	6,675,594	11,950	0	0	0	0	0	494,384	55	7,183,518	7,223,991		
Fletcher Mine/Mill	Centerville	MO	2211	3	0	0	0	0	3,769	101	9,033	0	0	0	0	0	7,056,000	0	7,108,903	7,108,903		
P4 Production LLC	Soda Springs	ID	325	17	0	0	0	0	0	7,362	165,669	1,139	0	0	0	0	0	6,822,384	6,996,554	6,996,554		
Scherer Steam Electric Generating Plant	Juliette	GA	2211	18	0	0	0	0	0	31,000	1,160,202	31,130	0	0	0	0	5,712,725	0	6,935,057	6,935,057		
CF Industries Inc	Donaldsonville	LA	325	12	0	0	0	0	0	307,624	5,480,396	1,112,004	0	0	0	0	0	6,900,024	0	6,900,024	6,900,024	
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	7	0	0	0	0	296	7,627	217	0	0	0	0	0	0	0	0	8,139	8,139	
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	13	0	0	0	0	0	6,155,089	4,932	0	0	0	0	0	607,120	0	6,767,142	6,767,142		
Kentucky Utilities Co Ghent Station	Ghent	KY	2211	20	0	0	0	0	0	3,784	4,225,878	69,498	0	0	0	0	0	2,371,866	0	6,671,027	6,671,027	
American Electric Power Big Sandy Plant	Louisia	KY	2211	18	0	0	0	0	0	1,030	5,437,314	6,397	0	0	0	0	0	789,204	45	6,351,006	6,351,006	
Pogo Mine	Delta Junction	AK	2122	19	0	0	0	0	0	1,597	339	150,315	0	0	0	0	0	0	0	6,174,876	6,327,127	
Koch Nitrogen Co LLC	Enid	OK	325	9	0	0	0	0	0	130,505	5,218,650	796,055	0	0	0	0	0	0	255	6,145,465	6,145,465	
American Electric Power Cardinal Plant	Brilliant	OH	2211	20	0	0	0	21,833	21,833	805	4,290,199	16,493	0	0	0	0	0	1,637,952	55	6,139,479	6,161,312	
EME Homer City Generation LP	Homer City	PA	2211	22	0	0	0	1,511,350	1,511,350	138	6,027,737	72,044	0	0	0	0	0	0	0	0	6,099,919	7,611,269
US Silver - Idaho Inc	Wallace	ID	2122	7	0	0	0	0	0	0	270	0	13	0	0	0	1,584,473	0	4,476,696	6,061,452		
Miler Steam Plant	Quinton	AL	2211	20	0	0	0	0	0	33,000	1,042,448	7,025	0	0	0	0	0	4,859,720	0	5,942,193	5,942,193	
W H Sammis Plant	Stratton	OH	2211	19	0	0	0	0	0	34,379	5,857,756	10,200	0	0	0	0	0	0	0	0	5,902,335	5,902,335
BASF Corp Atappalug Ops	Atappalug	GA	327	4	0	0	3,000	3,000	255	3,960,014	1,613,400	0	0	0	0	0	0	0	0	0	5,773,669	5,773,669

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1.A), Other Landfills (5.5.1.B), Fugitive or Non-pot Air Emissions (5.5.2), Stack or Point Source Air Emissions (5.2), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3), Other Surface Impoundments (5.5.3.A), Off-site Disposal (5.5.4), Off-site Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M62), Other Landfills (M64, M72), Storage Only (M61), Solidification/Stabilization - Metals and Metal Category Compounds only (M64 or M49), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M51), RCRA Subtitle C Surface Impoundments (M62), Other Surface Impoundments (M67, M68), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2009

Facility	Off-site Disposal or Other Releases												Total On-site and Off-site Disposal or Other Releases Pounds	Total Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills Pounds				
	Off-site Disposal to Class I Underground Injection				Other Off-site Disposal or Other Releases													
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Solidification/ Stabilization (Metals and Metal Category	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category	Transfers to POTWs (Metals and Metal Category	RCRA Subtitle C	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Off-site Management Pounds	Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds				
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	482	482	637,521,678			
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	16,848	0	0	0	0	0	22	0	16,870	101,629,918			
Newmont Mining Corp Twin Creeks Mine	0	859	0	859	0	0	0	0	0	0	0	0	0	0	859	101,575,749		
Heca Green Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,980,548		
Barrick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	612	47,243,770		
Newmont Mining Corp Corinth South Area	0	1,167	0	1,167	0	0	0	0	0	0	0	0	0	0	1,167	29,273,751		
Kennecott Utah Copper Smelter & Refinery	0	0	75	75	0	3,554	0	0	0	0	0	0	0	3,554	3,629	23,040,221		
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	13	0	0	0	0	0	13	0	20,996,567		
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,939,583	
Big Rivers Electric Corp Coleman Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,539,564	
Freeport-McMoran Miami Inc	0	0	0	0	0	0	259	0	6,843	0	0	0	0	0	657,371	657,371	20,423,690	
Newmont Mining Corp Copper Canyon Facility	0	1,289	0	1,289	0	0	0	0	0	0	0	650,270	0	0	0	1,289	20,422,374	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,421,085	
Corzex Gold Mines	0	0	0	0	0	0	0	0	0	0	0	4	499	0	0	503	19,561,629	
Heca Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,812,439	
Buck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,399,916	
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,081,607	
Detroit Edison Monroe Power Plant	0	0	15,164	15,164	0	0	0	0	0	0	0	0	0	0	0	15,164	14,634,136	
Brandon Shores & Wagner Complex	0	2,460	182,484	184,944	0	0	0	0	6	0	0	0	0	0	0	6	184,951	13,366,941
AK Steel Corp (Rockport Works)	0	0	887,135	887,135	0	11,490	0	0	0	0	0	0	0	0	0	0	898,625	13,492,794
US Army Radford Army Ammunition Plant	0	1,850	105,652	107,502	0	1,200	0	0	0	0	0	0	6	27,042	3,960	32,207	12,564,631	
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,127,558	
Tronox LLC	0	0	0	0	0	5,605	0	0	0	0	0	0	0	5,605	5,605	10,048,288		
Gulf Power Co - Plant Crist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,849,018	
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,510,303	
Florida Power Corp Crystal River Energy Complex	0	0	0	2,435	2,435	0	0	0	0	0	0	0	0	0	0	0	9,460,204	
US TVA Paradise Fossil Plant	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	9,317,123	
American Electric Power Muskingum River Plant	0	0	4,504	4,504	0	0	0	0	0	0	0	0	0	0	0	4,504	8,452,240	
Brown Steam Electric Generating Plant	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	26	8,261,575	
Morgantown Generating Station	0	0	0	971,757	0	0	0	0	0	0	0	0	20	0	971,777	971,777	8,041,520	
Don Run Co Hercules Smelter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,804,271	
Big Rivers Electric Corp Reid/Green/HMP& Station II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34,826,696	
JM Stuart Station	0	0	0	286	286	0	0	0	0	0	0	0	0	0	0	0	286	
American Electric Power Amos Plant	0	0	1,501,252	1,501,252	0	0	0	0	0	0	0	0	0	0	0	0	1,501,252	
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,108,903	
P4 Production LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,108,903	
Scherer Steam Electric Generating Plant	0	8	1,525	1,533	0	0	0	0	0	0	0	0	0	0	0	0	1,534	
CF Industries Inc	0	0	34,408	34,408	0	0	0	0	1	0	0	0	0	0	0	1	34,409	
Nucor Steel Tuscaloosa Inc	0	0	42,589	42,589	0	6,867,066	0	21	0	0	0	0	0	0	0	0	6,867,087	
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,867,816	
Kentucky Utilities Co Ghent Station	0	0	0	0	0	410	0	0	0	0	0	0	0	0	0	0	6,767,158	
American Electric Power Big Sandy Plant	40	0	2,080	2,120	0	0	0	0	0	0	0	0	0	0	0	0	6,671,437	
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,351,006	
Koch Nitrogen Co LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,327,237	
American Electric Power Cardinal Plant	0	0	0	7,563	7,563	0	0	0	0	0	0	0	0	0	0	0	6,145,465	
EME Homer City Generation LP	0	0	0	155	155	0	700	0	0	0	0	0	0	0	0	0	7,653,876	
US Silver - Idaho Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,061,452	
Miler Steam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,942,193	
W H Sammis Plant	0	0	1,667,533	1,667,533	0	0	0	0	0	0	0	0	0	0	0	0	5,902,335	
BASF Corp Atapulgus Ops	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,776,669	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Consider What Use TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4).

Off-site Disposal or Other Releases include from Section 6.2 Underground injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Off-site Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2009

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases												Total On-site Disposal or Other Releases Pounds	
					On-site Disposal to Class I Underground Injection Wells, RCRA						Other On-site Disposal or Other Releases							
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds		
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	268,697	502	2,798	0	0	276,653,465	360,595,734	637,521,196		
Kenncott Utah Copper Concentrators & Power Plant	Copperport	UT	2122	20	0	0	54,169	54,169	4,474	8,908	5,305	0	3,570	79,397,407	22,139,214	101,613,047		
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	23	0	0	3,150	3,150	21,441	98,781	100	0	0	46,117,427	1,742,799	47,980,548		
Hecla Greens Creek Mining Co	Juneau	AK	2122	9	0	0	0	0	592	18,496	278	26,150,756	0	0	21,073,647	47,243,770		
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	304,033	22,590	0	0	0	34,646,507	6,498,342	41,471,472		
Big Rivers Electric Corp Reid/Green/HMP&L Station II	Robards	KY	2211	20	0	0	27,374,870	27,374,870	60	601,552	5,894	0	0	6,843,720	0	34,826,096		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	23	0	0	2,681	2,681	38,527	2,213	5	0	18	16,556,200	11,673,000	28,269,963		
Kenncott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	489,133	489,133	8,011	102,669	7,223	0	39	0	22,423,779	5,740	23,036,593	
ASARCO LLC Ray Complex/Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	10,839	10,839	85,759	413,113	0	0	0	0	20,496,843	20,985,715	20,996,554	
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	12,618	585,103	4,128	0	0	0	0	601,849	601,849	
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	636	223,226	6,306	0	0	0	20,709,415	0	20,939,583	
Big Rivers Electric Corp Coleman Station	Hawesville	KY	2211	15	0	0	0	0	40	720,966	2,319	0	0	0	19,816,239	0	20,539,564	
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	98,369	152,353	1,271	0	0	0	217,260	19,287,066	19,766,319	
Neonton Mining Corp - Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	0	1,584	521	0	0	0	0	13,711,181	19,047,799	20,421,085	
McKeesport Utilities LLC	Burnett	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,030,004	14,803,570	19,841,141	
Corinto Gold Mines	Crescent Valley	NV	2122	14	0	0	1,129	1,129	21,651	690	0	0	21	0	11,693,833	7,843,973	19,559,699	
Hecla Ltd/Lucky Friday Mine Unit	Mullan	ID	2122	6	0	0	0	0	62	100	3,131	0	0	0	11,854,896	6,954,280	18,812,430	
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	12,514	379	45,023	0	0	0	17,342,000	0	17,399,916	
RRI Energy Inc Keystone Power Plant	Shelbyta	PA	2211	17	0	0	626,244	626,244	430	15,436,496	18,438	0	0	0	0	15,455,363	16,081,607	
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	9,611	9,691,081	31,671	0	0	0	4,886,608	0	14,618,972	
Big Rivers Electric Corp Wilson Station	Centertown	KY	2211	16	0	0	13,747,788	13,747,788	45	14,213	1,456	0	0	0	0	0	15,714	
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	10,421	12,583,748	0	0	0	0	12,594,169	12,594,169	
Brandon Shores & Wagner Complex	Baltimore	MD	2211	28	0	0	0	0	31,493	13,109,753	1,232	0	0	0	0	39,512	13,181,990	
US Army Radford Army Ammunition Plant	Radford	VA	15	0	0	0	0	0	28,861	386,486	12,009,175	0	0	0	0	400	12,424,922	
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	9,475,355	9,475,355	4,585	2,883,168	1,869	0	0	0	0	2,889,622	12,364,976	
USS Gary Works	Gary	IN	331	46	0	0	9,429,670	9,429,670	362,962	253,641	1,435,313	0	0	0	0	2,051,915	11,481,585	
Peoria Disposal Co #1	Peoria	IL	562	11	0	167,011	0	167,011	1	0	7	0	0	0	0	8	167,019	
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	936	0	12	0	0	0	1,025,900	10,100,685	11,127,533	
Gulf Power Co - Plant Crist	Pensacola	FL	2211	18	0	0	928,750	928,750	25,200	9,804,196	5,832	0	0	0	13,790	0	9,849,018	
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	22	0	0	874,220	874,220	1,054	9,449,158	9,110	0	0	0	555	0	9,459,877	
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	61,130	121,155	248,034	0	0	27,297	9,585,067	0	10,042,683	
Colstrip Steam Electric Station	Colstrip	MT	2211	24	0	0	9,551,120	9,551,120	265	236,255	0	0	0	0	0	236,520	9,787,640	
MEMC Pasadena Inc	Pasadena	TX	325	4	0	0	0	0	42,634	25,868	0	0	0	0	0	68,502	68,502	
Brushy Creek Mine/Mill	Bunker	MO	2122	4	0	0	0	0	2,771	0	9,532	0	0	0	9,488,000	9,510,303	9,510,303	
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	22	0	0	0	0	27,163	7,713,713	245,242	0	0	0	1,331,300	0	9,317,312	
American Electric Power Amos Plant	Winkfield	WV	2211	23	0	0	40,473	40,473	1,535	6,595,394	11,859	0	0	0	494,384	55	7,223,891	
American Electric Power Muskingum River Plant	Belpointe	OH	2211	18	0	0	0	0	31,742,075	7,940	0	172,516	0	0	846,115	48,449,000	8,449,000	
Brown-Siemens Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	44,100	5,431,270	24,201	0	0	0	2,761,978	0	8,261,549	
Morgantown Generating Station	Newburg	MD	2211	18	0	0	0	0	2,017	7,067,197	529	0	0	0	0	0	7,069,743	
International Paper Co - Mansfield Mill	Mansfield	LA	322	22	0	0	4,210,275	4,210,275	252,219	3,393,384	79,733	0	0	0	19,792	0	2,661,120	
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	787	31,873	674	0	0	0	0	7,769,546	7,802,880	7,802,880
EME Homer City Generation LP	Homer City	PA	2211	22	0	0	1,511,350	1,511,350	138	6,027,737	72,044	0	0	0	0	6,099,919	7,611,269	
W H Sammis Plant	Stratton	OH	2211	19	0	0	0	0	34,379	5,857,756	10,200	0	0	0	0	5,902,335	5,902,335	
ArcelorMittal USA Inc	East Chicago	IN	331	24	0	0	0	0	8,789	110,407	73,703	0	0	0	0	192,898	192,898	
Xcel Energy Sherburne County Generating Plant	Becker	MN	2211	19	0	0	6,217,580	6,217,580	452	133,440	260	0	0	0	234,072	896,748	1,264,972	
American Electric Power Rockport Plant	Rockport	IN	2211	19	0	0	0	0	3,154,910	3,154,910	795	3,554,932	12,621	0	0	667,853	55	4,236,256
JM Stuart Station	Manchester	OH	2211	20	0	0	0	0	73	4,566,050	23,421	0	0	0	109,946	2,673,297	0	
Fletcher Mine/Mill	Centerville	MO	2122	3	0	0	0	0	3,769	101	9,033	0	0	0	0	7,096,000	0	7,108,903
P4 Production LLC	Soda Springs	ID	325	17	0	0	0	0	7,362	165,669	1,139	0	0	0	0	6,822,384	6,996,554	6,996,554
Scherer Steam Electric Generating Plant	Juliette	GA	2211	18	0	0	0	0	31,000	1,160,202	31,130	0	0	0	0	5,712,725	0	6,935,057

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2009

Facility	Off-site Disposal or Other Releases															Total On-site and Off-site Disposal or Other Releases Pounds	Total Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments Pounds			
	Off-site Disposal to Class I Underground Injection					Other Off-site Disposal or Other Releases														
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Wastewater Treatment (Excluding Solidification/ Stabilization (Metals and Metal Category Compounds Only)) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds					
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	637,521,678				
Kenncott Utah Copper Concentrators & Power Plant	0	0	0	0	0	16,848	0	0	0	0	0	0	22	0	16,870	101,629,918				
Newmont Mining Corp Twin Creeks Mine	0	859	0	859	0	16,848	0	0	0	0	0	0	0	0	0	47,984,557				
Hecia Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,243,770				
Barrick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	612	41,478,132				
Big Rivers Electric Corp Reid/Green/HMP&L Station II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34,826,096				
Newmont Mining Corp - Carlin South Area	0	1,107	0	1,107	0	0	0	0	0	0	0	0	0	0	1,107	28,273,751				
Kenncott Utah Copper Smelter & Refinery	0	0	75	75	0	3,554	0	0	0	0	0	0	0	0	0	23,040,221				
ASARCO LLC Ray Complex/Hayden Smelter & Concentrator	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	20,996,567				
Horsehead Corp Monaca Smelter	0	0	20,324,417	20,324,417	0	33,288	0	0	0	0	0	0	15	0	22	33,325				
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,959,591				
Big Rivers Electric Corp Coleman Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,939,583				
Freeport-McMoran Miami Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,858,564				
Newmont Mining Corp Copper Canyon Facility	0	1,289	0	1,289	0	0	259	0	6,843	0	0	650,270	0	0	0	657,371				
McCurdy Mines LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,289				
Cortez Gold Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,691,214				
Hecia Ltd/Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,812,439				
Buck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,399,916				
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,081,607				
Detroit Edison Monroe Power Plant	0	0	15,164	15,164	0	0	0	0	0	0	0	0	0	0	0	15,164				
Big Rivers Electric Corp Wilson Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,763,503				
Ak Steel Corp (Rockport Works)	0	887,135	887,135	0	0	11,490	0	0	0	0	0	0	0	0	0	10,336,859				
Brandon Shores & Wagner Complex	0	2,460	182,484	184,944	0	0	0	6	0	0	0	0	0	0	0	13,366,941				
US Army Radford Army Ammunition Plant	0	1,850	105,652	107,502	0	1,200	0	0	0	0	0	0	6	27,042	3,960	13,364,480				
DuPont Johnsonville Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,564,631				
USS Gary Works	287	0	2,193	2,480	0	511,583	28	0	0	0	0	0	0	0	0	12,006,828				
Peoria Disposal Co #1	0	0	11,257,057	11,257,057	0	0	0	107	0	0	0	0	0	0	0	11,257,164				
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,127,558				
Gulf Power Co - Plant Crist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,777,767				
Florida Power Corp Crystal River Energy Complex	0	0	2,435	2,435	0	0	0	0	0	0	0	0	327	0	0	2,762				
Tronox LLC	0	0	0	0	0	5,605	0	0	0	0	0	0	0	0	0	5,605				
Colstrip Steam Electric Station	0	232	0	232	0	0	0	0	0	0	0	0	0	115,755	215	0				
MEMC Pasadena Inc	0	0	9,607,273	9,607,273	0	0	0	0	0	0	0	0	0	0	0	9,607,273				
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,675,775				
US TVA Paradise Fossil Plant	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	9,317,321				
American Electric Power Amos Plant	0	0	1,501,252	1,501,252	0	0	0	0	0	0	0	0	0	0	0	1,501,252				
American Electric Power Muskingum River Plant	0	0	4,504	4,504	0	0	0	0	0	0	0	0	0	0	0	4,504				
Brown Sapaq Electric Generating Station	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	8,261,575				
Morgantown Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26				
International Paper Co - Mansfield Mill	0	0	0	0	0	971,757	0	0	0	0	0	0	0	0	0	971,777				
Doer Run Co Herculaneum Smelter	0	0	0	0	0	171	0	1,221	0	0	0	0	0	0	0	7,874,404				
EME Homer City Generation LP	0	0	155	155	0	700	0	0	0	0	0	0	0	0	0	7,874,404				
W H Sammis Plant	0	0	1,667,533	1,667,533	0	0	0	0	0	0	0	0	0	0	0	7,804,271				
Arco/Imperial USA Inc	0	470	7,345,039	7,345,500	0	1,460	0	0	0	0	0	0	0	0	0	8,565				
Xcel Energy Sherburne County Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,538,867				
American Electric Power Rockport Plant	0	0	5,163	5,163	0	0	0	0	0	0	0	0	0	0	0	7,538,397				
JM Stuart Station	0	0	0	286	286	0	0	0	0	0	0	0	0	0	0	7,396,329				
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,263,127				
P4 Production LLC	0	0	0	0	0	27	0	0	0	0	0	0	3,395	0	0	7,108,903				
Scherer Steam Electric Generating Plant	0	8	1,525	1,533	0	0	0	0	0	0	0	0	0	0	0	6,999,976				
														1,534	0	6,936,583				

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/FactorsToConsiderPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M64, M91), and Unknown (M69) and from Section 6.1, Transfers to POTW's (metals and metal category compounds only).

The 50 Facilities with Largest Total On-site Disposal or Other Releases, 2009

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases												Total On-site Disposal or Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds					
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills						Other On-site Disposal or Other Releases												
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds						
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	268,697	502	2,798	0	0	0	276,653,463	360,595,734	637,521,196	482	637,521,678				
Kenecott Utah Copper Mine Concentrators & Power Plant	Copperopolis	UT	2122	20	0	0	54,169	54,169	4,474	8,908	5,305	0	3,570	0	79,397,407	22,139,214	101,613,047	16,870	101,629,918				
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	23	0	0	3,150	3,150	21,441	98,781	100	0	0	0	46,117,427	1,742,799	47,980,548	859	47,984,557				
Heca Green Creek Mining Co	Juneau	AK	2122	9	0	0	0	0	592	18,496	278	26,150,756	0	0	0	21,073,647	47,243,770	0	47,243,770				
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	304,033	22,590	0	0	0	0	34,646,507	6,498,342	41,471,472	612	41,478,744				
Big Rivers Electric Corp Reid/Green/HMP&L Station II	Robards	KY	2211	20	0	0	27,374,870	27,374,870	60	601,552	5,894	0	0	0	6,843,720	0	7,451,226	34,826,096	34,826,096				
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	23	0	0	2,681	2,681	38,527	2,213	5	0	18	0	16,556,200	11,673,000	28,272,644	1,107	28,273,751				
Kenecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	489,133	489,133	8,011	102,669	7,223	0	39	0	22,423,779	5,740	22,547,460	23,036,593	23,040,221				
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	10,839	10,839	85,759	413,113	0	0	0	0	0	20,486,843	20,985,428	20,996,554	13	20,996,554			
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	636	223,226	6,306	0	0	0	0	20,709,415	0	20,939,583	0	20,939,583			
Big Rivers Electric Corp Coleman Station	Hawesville	KY	2211	15	0	0	0	0	40	720,966	2,319	0	0	0	0	19,816,239	0	20,539,564	0	20,539,564			
Newmont Mining Corp Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	0	1,584	521	0	0	0	0	1,371,181	19,047,799	20,421,085	1,289	20,422,374				
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	98,369	152,353	1,271	0	0	0	0	217,260	19,297,066	19,766,319	657,371	20,423,690			
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	0	4,827,394	14,803,570	19,631,214	0	19,631,214			
Contex Gold Mines	Crescent Valley	NV	2122	14	0	0	1,129	1,129	21,651	690	0	0	21	0	11,693,663	7,843,973	19,593,663	503	19,561,126				
Hecla Ltd Luck Friday Mine Unit	Mullan	ID	2122	6	0	0	0	0	62	100	1,313	0	0	0	0	11,854,866	6,954,280	18,812,439	0	18,812,439			
Sequoia Gold Mine	Caribou	FL	325	17	17,417,908	0	23,061	108,665	0	0	0	0	0	0	0	17,399,046	17,399,046	17,399,046	1,664	17,399,046			
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	12,514	379	45,023	0	0	0	0	0	17,342,000	0	17,399,916	0	17,399,916		
Ineos USA LCL Green Lake Plant	Port Lavaca	TX	325	23	16,104,213	0	0	16,104,213	85,123	73,546	1,387	0	0	0	0	0	16,056	16,264,269	2,521	16,266,790			
RRI Energy Inc Keystone Power Plant	Shelbyt	PA	2211	17	0	0	626,244	626,244	430	15,436,496	18,438	0	0	0	0	0	15,455,363	16,081,607	0	16,081,607			
DuPont Delice Facility	Pass Christian	MS	325	22	14,022,247	0	326,080	14,348,328	4,259	947,055	1,827	0	0	0	0	0	2	953,143	15,301,471	136	15,301,607		
Chemical Waste Management Inc	Kettleman City	CA	562	34	0	14,552,714	126,507	14,679,220	7,321	146	0	0	190	0	0	0	7,656	14,686,376	6,256	14,693,132			
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	9,611	9,691,081	31,671	0	0	0	0	0	4,886,608	0	14,618,972	15,164			
Cytec Industries Inc Fortier Plant	Westwego	LA	325	21	13,664,293	0	0	13,664,293	29,136	323,238	16,965	0	0	0	0	0	399,333	0	14,033,632	348			
Big Rivers Electric Corp Wilson Station	Centerboro	KY	2211	16	0	0	0	13,747,788	13,747,788	45	14,213	1,456	0	0	0	0	0	13,763,503	0	13,763,503			
Brandon Shores & Wagner Complex	Baltimore	MD	2211	28	0	0	0	0	31,493	13,109,753	1,232	0	0	0	0	0	39,512	13,181,990	184,951	13,366,941			
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	10,421	12,583,748	0	0	0	0	0	0	12,594,169	12,594,169	896,625	13,492,794			
Enviroasis Water Systems of Ohio Inc	Oregon	OH	562	16	0	12,544,380	0	12,544,380	179	10	0	0	0	0	0	0	188	12,544,570	330	12,544,900			
US Army Radford Army Ammunition Plant	Radford	VA	15	0	0	0	0	0	28,861	386,486	12,009,175	0	0	0	0	0	400	12,424,922	12,424,922	139,709	12,564,631		
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	0	9,475,355	9,475,355	4,585	2,883,168	1,869	0	0	0	0	0	2,889,622	0	12,364,976			
USS Gary Works	Gary	IN	331	46	0	0	0	9,429,670	9,429,670	362,962	253,641	1,435,313	0	0	0	0	0	2,051,915	11,481,585	525,530	12,007,115		
Ascend Performance Materials Chocolate Bayou Facility	Alvin	TX	325	35	11,038,898	85,089	0	11,123,987	31,887	84,436	10,941	0	0	0	0	0	12,264	11,251,251	0	11,251,251			
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	0	25	936	0	12	0	0	0	0	0	1,025,900	10,100,685	11,127,533	0	11,127,558		
Monsanto Luling	Luling	LA	325	17	10,658,428	0	0	10,658,428	6,157	85,382	162,152	0	0	0	0	0	253,691	0	323	10,912,119			
Chemical Waste Management	Emelle	AL	562	34	0	10,836,719	0	10,836,719	1,137	1,626	0	0	0	0	0	0	0	2,762	10,839,481	30,857	10,870,338		
Gulf Power Co - Plant Crist	Pensacola	FL	2211	18	0	0	928,750	928,750	25,200	9,804,196	5,832	0	0	0	0	0	13,790	0	9,849,018	0			
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	22	0	0	0	874,220	874,220	1,054	9,449,158	9,110	0	0	0	0	555	0	9,849,018	10,334,097			
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	61,130	121,155	248,028	0	0	0	0	0	27,287	9,585,067	0	10,366,859			
Cooperstown Electric Station	Colbert	MT	2211	10	0	0	0	9,551,120	9,551,120	265	236,255	0	0	0	0	0	0	0	1,331,203	0			
Dyno Nobel Inc - Cheyenne Plant	Cheyenne	WY	325	10	9,282,000	0	0	9,282,000	189,829	198,500	0	0	0	0	0	0	0	0	388,776	0			
Brushy Creek Mine/Mill	Bunker	MO	2122	4	0	0	0	0	2,771	0	9,532	0	0	0	0	0	0	9,498,000	0	9,510,303			
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	22	0	0	0	0	27,193	7,713,713	245,204	0	0	0	0	0	0	0	1,331,203	0			
Ineos USA LLC	Lima	OH	325	35	8,839,490	0	0	8,839,490	34,356	332,012	0	0	0	0	0	0	0	366,368	9,205,858	1,293	9,207,151		
American Electric Power Muskingum River Plant	Beverly	OH	2211	18	0	0	0	0	310	7,421,075	7,940	0	172,516	0	0	0	0	846,115	45	8,448,000			
Brown Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	44,100	5,431,270	24,201	0	0	0	0	0	2,761,978	0	8,261,549	26			
International Paper Co - Mansfield Mill	Mansfield	LA	322	22	0	0	0	4,210,275	4,210,275	252,219	3,309,384	79,733	0	0	0	0	0	19,792	0	3,661,129	7,871,404		
Don Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	787	31,873	674	0	0	0	0	0	0	7,769,546	7,802,880	1,392	7,804,271		
EME Homer City Generation LP	Homer City	PA	2211	22	0	0	0	1,511,350	1,511,350	138	6,027,737	72,044	0	0	0	0	0	0	0	6,099,910	7,611,269	855	7,612,124
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	26	0	7,512,836	0	7,512,836	1,007	237	0	0	0	0	0	0	0	1,244	7,514,080	0	7,514,080		
Xcel Energy Sherburne County Generating Plant	Becker	MN	2211	19	0	0	6,217,580	6,217,580	452	133,440	260	0	0	0	0	0	0	234,072	896,748	1,264,972	7,482,663		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConDPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest Total Off-site Disposal or Other Releases, 2001

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information. For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConsider.pdf.

i-or more detailed information on this subject refer to "The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data" document at www.epa.gov/tri/program/factors.htm.

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2009: Carcinogen

SIC Code	Industry	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds		
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases														
		RCRA Subtitle C Wells Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Treatment Pounds	Land Impoundments Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds						
2121 Coal Mining		0	0	671,626	671,626	133	74	349	16,412	256,998	0	321,939	41,843	637,748	1,309,374	12,882	1,322,256			
2122 Metal Mining		0	0	1,554,655	1,554,656	55,954	10,218	15,989	10,122,356	674	170,045	191,677,692	227,229,791	429,282,718	430,837,374	493,483	431,330,857			
2211 Electric Utilities		724	82	14,234,481	14,235,287	190,825	655,146	312,868	3	306,887	109,950	12,257,796	1,060,336	14,893,811	29,129,098	6,341,518	35,470,616			
311/312 Food/Beverages/Tobacco		1,080	0	0	1,080	183,786	1,716,598	9,002	0	3,551	0	990	2,014	1,915,940	1,917,020	428,681	2,345,701			
313/314 Textiles		0	0	0	0	50,600	40,713	45	0	0	0	585	0	91,943	91,943	64,048	155,990			
315 Apparel		0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,029	9,029			
316 Leather		190	0	0	190	2,318	510	5	0	0	0	0	0	250	3,083	3,273	315,857	319,130		
321 Wood Products		0	411	6,911	7,322	314,630	1,501,690	6,494	0	529	0	258	2,163	1,825,764	1,833,086	250,428	2,083,514			
322 Paper		0	2,634	347,730	350,364	1,645,409	6,248,412	619,237	0	13,965	48,400	61,218	2,957	8,639,598	8,989,962	235,454	9,225,416			
323/51 Printing and Publishing		0	0	0	0	4,489	6,127	0	0	0	0	0	4	10,620	10,620	2,281	12,901			
324 Petroleum		77,816	30	1,167	79,013	1,472,438	1,507,819	32,596	95	11,836	46	5,786	5,437	3,036,052	3,115,065	1,672,718	4,787,783			
325 Chemicals		23,534,101	41,257	3,702,993	27,278,351	5,772,323	8,352,175	215,591	1	400	27,297	2,261,229	1,104,274	17,733,290	45,011,642	5,291,203	50,302,845			
326 Plastics and Rubber		0	53,913	220	54,133	3,024,616	8,444,048	668	0	0	0	2	147	11,469,482	11,523,615	1,239,178	12,762,792			
327 Stone/Clay/Glass		1,922	392	25,050	27,364	153,828	795,397	906	0	755	2	6,553	145,109	1,102,550	1,129,915	919,076	2,048,991			
32731 Cement		0	0	234,756	234,756	6,707	226,927	466	0	0	0	34	7,226	241,360	476,116	11,107	487,223			
331 Primary Metals		168,489	2,385,294	4,279,709	6,833,492	635,357	1,383,301	50,906	0	430	0	7,947,050	4,930,559	14,947,604	21,781,096	18,988,579	40,769,674			
332 Fabricated Metals		0	0	160	160	813,002	1,195,678	5,968	0	4,723	1	14	18,727	2,038,113	2,038,273	4,519,175	6,557,448			
333 Machinery		0	0	360	360	128,622	487,093	1,046	0	3	0	0	4,730	621,495	621,855	220,210	842,065			
334 Computers/Electronic Products		0	0	0	0	14,365	131,922	381	0	0	0	0	23	146,692	146,692	210,937	357,629			
335 Electrical Equipment		0	0	4,226	4,226	137,490	105,898	992	0	0	0	2,882	1,790	249,051	253,277	1,165,346	1,418,622			
336 Transportation Equipment		0	0	87,781	87,781	1,812,552	3,885,271	3,466	0	0	0	3	12,761	5,714,053	5,801,835	2,613,431	8,415,265			
337 Furniture		0	0	0	0	65,934	264,878	6	0	388	0	0	438	331,643	331,643	17,985	349,628			
339 Miscellaneous Manufacturing		0	0	5	5	135,460	885,786	885	0	0	0	0	0	1,022,130	1,022,135	69,393	1,091,528			
4246 Chemical Wholesalers		0	0	0	0	19,057	74,258	15	0	0	0	0	570	93,899	93,899	20,500	114,400			
4247 Petroleum Bulk Terminals		0	0	0	0	328,517	191,229	1,740	0	0	0	0	341	521,827	521,827	18,347	540,174			
562 Hazardous Waste Management		1,103,408	28,669,017	2,253,480	32,025,905	82,191	266,246	3,127	0	0	16	1,159,453	161,404	1,672,438	33,698,343	6,617,727	40,316,070			
No TRI NAICS Code		0	112,025	941,466	1,053,491	141,374	222,058	5,748	0	2,359	2,447	35,865	4,551,683	4,961,533	6,015,025	705,113	6,720,138			
Total		24,887,731	31,265,055	28,346,779	84,499,565	17,191,977	38,599,470	1,288,496	10,138,868	603,498	358,204	215,739,347	239,284,578	523,204,438	607,704,003	52,453,681	660,157,685			

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, by State, 2009: Carcinogens

State	On-site Disposal or Other Releases													Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds			
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases														
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds						
Alabama	0	3,996,602	2,384,323	6,380,925	873,460	1,654,125	114,199	16,406	1,196	0	1,480,565	76,585	4,216,535	10,597,460	658,632	11,256,092			
Alaska	0	0	12,823	12,823	19,011	15,010	275	10,114,493	0	0	80,142,396	123,825,666	214,116,852	214,129,675	17,117	214,146,792			
American Samoa	0	0	0	0	0	6	0	0	0	0	0	0	6	6	0	6			
Arizona	0	0	258,416	258,416	79,908	198,620	526	0	63	0	4,756,833	6,574,093	11,610,044	11,868,460	90,226	11,958,686			
Arkansas	13,811	3,050	197,690	214,551	403,055	844,529	66,259	1	11,145	1	706,044	47,980	2,079,014	2,293,565	514,058	2,807,623			
California	0	8,212,697	45,842	8,258,539	256,029	910,144	2,155	71	2,357	17	63	3,159,999	4,330,834	12,589,373	1,997,371	14,586,744			
Colorado	0	771,516	169,853	941,369	57,601	67,215	48	0	719	0	1,411,881	3,392,890	4,930,355	5,871,723	131,327	6,003,051			
Connecticut	0	0	244	244	147,128	178,672	1,241	0	0	0	0	1,232	328,272	328,516	252,650	581,166			
Delaware	0	0	43,797	43,797	13,286	104,242	2,586	0	0	0	505	7,115	127,734	171,531	560,222	731,754			
District of Columbia	0	0	0	0	0	4	0	0	0	0	0	0	4	4	2,391	2,395			
Florida	25,038	0	1,722,712	1,747,750	470,177	1,305,165	92,443	0	751	0	137,339	70,512	2,076,387	3,824,136	459,227	4,283,363			
Georgia	0	70	162,878	162,948	378,619	1,952,164	60,831	0	39	48,400	1,548,414	467,690	4,456,158	4,619,106	197,028	4,816,134			
Guam	0	0	0	0	3,440	1,507	0	0	0	0	32	3,713	8,693	5	8,698				
Hawaii	0	0	0	0	12,671	71,448	435	11	0	0	77,373	161,937	161,937	43,981	205,919				
Idaho	0	0	88,102	88,102	65,420	209,454	18,744	0	261	170,045	2,732,466	4,657,076	7,853,466	7,941,568	1,587,913	9,529,482			
Illinois	103	20,810	165,014	185,926	536,911	1,517,782	16,272	0	1,425	0	345,886	45,729	2,464,005	2,649,931	3,076,026	5,725,957			
Indiana	37,008	110,415	1,953,641	2,101,064	1,030,572	2,403,978	16,799	0	73,303	0	2,222,310	374,650	6,121,612	8,222,676	8,711,953	16,934,628			
Iowa	0	0	175,625	175,625	119,542	1,282,131	15,006	0	3	0	15,809	7,636	1,440,127	1,615,752	1,172,742	2,788,493			
Kansas	32,968	0	279,601	312,569	354,892	851,815	444	0	1,352	0	8,977	40,160	1,257,640	1,570,209	593,854	2,164,063			
Kentucky	1,923	0	1,551,426	1,553,349	500,001	718,724	42,263	0	24,571	0	2,038,312	429,207	3,753,078	5,306,428	3,056,660	8,363,088			
Louisiana	9,530,593	1,633,870	1,356,622	12,521,085	1,236,853	2,276,222	110,869	0	602	0	318,657	112,463	4,055,666	16,576,751	776,212	17,352,962			
Maine	0	0	5,155	5,155	88,531	179,436	35,066	0	0	0	961	303,992	309,148	160,804	469,952				
Maryland	0	0	175,839	175,839	42,286	297,856	1,435	7	80,388	0	23,849	445,821	621,660	680,802	1,302,462				
Massachusetts	0	0	1,597	1,597	98,844	100,694	3,085	0	0	692	12,674	215,989	217,586	408,495	626,082				
Michigan	11,100	1,892,666	263,146	2,166,912	327,227	819,910	14,109	0	750	0	450,459	57,456	1,669,910	3,836,822	883,626	4,720,448			
Minnesota	0	0	166,112	166,112	170,366	634,336	3,707	0	0	0	42,833	58,140	909,382	1,075,493	544,845	1,620,338			
Mississippi	2,915,716	0	77,007	2,992,723	221,142	770,123	16,479	0	0	27,297	798,490	82,345	4,908,600	505,277	5,413,877				
Missouri	0	2,261,079	91,313	2,352,392	935,960	618,767	14,468	0	0	0	18,462,980	1,816,545	21,848,720	24,201,112	640,455	24,841,567			
Montana	0	52	235,030	235,082	46,132	169,482	874	7,863	457	0	772,846	8,396,596	9,394,251	9,629,332	487,180	10,116,513			
Nebraska	0	0	113,938	113,938	11,764	558,186	733	0	0	0	0	164,520	735,204	849,142	388,275	1,237,416			
Nevada	0	856,620	105,200	961,820	9,709	21,909	23	0	30	0	74,740,036	56,080,379	130,852,085	131,813,905	98,483	131,912,388			
New Hampshire	0	0	2,540	2,540	24,077	20,304	34	0	0	0	0	40,060	44,416	46,956	38,435	85,391			
New Jersey	0	5,661	0	5,661	47,187	192,710	8,292	0	0	2,446	0	120,727	371,363	377,024	482,817	859,841			
New Mexico	170	0	610,384	610,554	65,153	43,589	140	0	0	0	122,587	3,758,431	3,989,899	4,600,453	54,348	4,654,801			
New York	0	425,288	93,479	518,767	107,536	367,791	10,686	0	11	0	3	140,899	627,108	1,145,875	500,464	1,646,339			
North Carolina	0	0	1,033,695	1,033,695	264,844	1,168,129	191,870	0	302	0	983,138	847,194	3,455,479	4,489,173	706,645	5,195,818			
North Dakota	0	0	139,747	139,747	15,898	193,966	651	17	0	0	204,589	66,446	481,566	621,314	430,169	1,051,482			
Northern Mariana Islands	0	0	0	0	270	560	0	0	0	0	2	0	831	831	69	900			
Ohio	3,006,022	3,173,909	1,089,561	7,269,492	794,854	1,281,727	67,453	0	180,321	109,946	1,842,244	20,368	4,296,913	11,566,405	4,945,360	16,511,765			
Oklahoma	0	1,661,664	63,611	1,725,275	267,493	394,747	9,344	0	2,028	0	23,489	85,253	782,355	2,507,630	149,048	2,656,678			
Oregon	0	1,880,899	717,627	2,598,526	248,978	509,179	20,132	0	266	0	196	9,394	788,145	3,386,672	346,524	3,733,195			
Pennsylvania	0	0	1,149,424	1,149,424	591,612	1,491,651	23,728	0	15,761	5	1,159,689	814,963	4,097,408	5,246,832	6,617,953	11,864,784			
Puerto Rico	0	0	0	0	347,529	214,196	121	0	0	0	0	0	561,846	561,846	109,211	671,057			
Rhode Island	0	0	0	0	10,075	40,304	18	0	0	0	0	0	788	51,186	51,186	29,355	80,540		
South Carolina	0	465	407,473	407,938	1,664,552	1,790,205	76,054	0	121	1	684,100	299,223	4,514,256	4,922,194	993,347	5,915,542			
South Dakota	0	0	1,531,923	1,531,923	16,382	258,172	705	0	0	0	43	2	275,303	1,807,225	3,186	1,810,411			
Tennessee	0	3,314	2,184,467	2,187,781	530,793	1,846,948	61,482	0	0	0	5,336,806	49,671	7,825,700	10,013,481	2,763,500	12,776,981			
Texas	9,313,279	1,774,528	1,664,215	12,752,022	2,875,388	5,249,636	61,953	0	75,848	46	955,469	332,077	9,550,417	22,302,439	2,350,925	24,653,364			
Utah	0	2,530,862	2,695,128	5,225,990	47,265	153,077	3,526	0	724	0	9,781,564	22,085,568	32,071,723	37,297,714	353,859	37,351,573			
Vermont	0	0	0	0	12,509	3,530	0	0	0	0	0	0	14,193	30,232	30,232	1,779	32,010		
Virgin Islands	0	0	0	0	9,635	65,528	68	0	5,880	0	0	0	14	81,125	81,125	18,424	99,549		
Virginia	0	0	315,827	315,827	201,017	910,904	19,705	0	4,731	0	309,147	298,671	1,744,175	2,060,002	460,961	2,520,963			
Washington	0	48,952	933,448	982,400	179,341	511,116	60,469	0	475	0	581,850	194,884	1,528,134	2,510,534	457,629	2,968,163			
West Virginia	0	65	1,404,866	1,404,931	73,766	426,578	12,231	0	116,766	0	523,737	12,581	1,165,658	2,570,590	987,118	3,557,708			
Wisconsin	0	0	11,508	11,508	238,745	629,221	7,894	0	0	0	79	66,709	942,648	954,156	896,223	1,850,380			
Wyoming	0	0	494,911	494,911	46,540	102,051	385	0	852	0	95,788	1,286	246,903	741,814	58,496	800,310			
Total	24,887,731	31,265,055	28,346,779	84,499,565	17,191,977	38,599,470	1,288,496	10,138,868	603,498	358,204	215,739,347	239,284,578	523,204,438	607,704,003	52,453,681	660,157,685			

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

The 50 Facilities with Largest TRI On- and Off-site Disposal
or Other Releases, 2009: Carcinogens

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases															Total On-site Disposal or Other Releases Pounds		
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills						Other On-site Disposal or Other Releases											
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds					
Red Dog Operations	Kotzebue	AK	2122	6	0	0	0	0	6,603	101	88	0	0	0	0	78,715,933	110,940,350	189,663,075	189,663,075			
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	6	0	0	2,256	2,256	1,109	311	10	0	0	0	33,444,263	295,988	33,741,681	33,743,937				
Barrick Goldstrike Mines Inc	Elko	NV	2122	8	0	0	2,691	2,691	538	257	0	0	0	0	20,555,970	4,662,350	25,219,115	25,221,806				
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	6	0	0	5,690	5,690	684	87	1,793	0	624	0	2,785,614	22,042,174	24,836,976	24,836,666				
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	5	0	0	265	265	2,064	211	0	0	17	0	10,013,000	11,400,000	21,415,292	21,415,557				
Newmont Mining Corp Canyon Facility	Battle Mountain	NV	2122	4	0	0	0	0	556	3	0	0	0	0	0	8,120	19,002,010	19,010,689	19,010,689			
Hecla Green Creek Mining Co	Juneau	AK	2122	3	0	0	0	0	172	491	34	10,114,493	0	0	0	8,037,984	18,153,174	18,153,174	18,153,174			
Cortez Gold Mines	Crescent Valley	NV	2122	4	0	0	145	145	392	0	0	0	13	0	8,277,891	7,377,220	15,655,516	15,655,661				
Robinson Nevada Mining Co	Ruth	NV	2122	2	0	0	0	5	5	31	0	12	0	0	0	776,000	10,100,005	10,876,048	10,876,053			
Buck Mine/Mill	Boss	MO	2122	2	0	0	0	0	9,860	269	5,061	0	0	0	0	9,350,000	0	9,365,201	9,365,201			
Optical Waste Management Inc	Kerrisdale City	CA	562	16	0	7,155,674	34,913	7,190,587	1,631	32	0	0	16	0	0	0	0	0	7,192,266			
Kennecott Utah Copper Smelter & Refinery	Magnolia	UT	31	7	0	96,615	0	96,615	2,612	11,059	1,694	0	7	0	6,909,171	5	6,928,673	7,003,563				
Monsanto Luling	Luling	LA	325	6	6,413,390	0	0	6,413,390	2,300	29,000	4,800	0	0	0	0	36,100	6,449,490	0	6,449,490			
Nyrstar Clarksville Inc	Clarksville	TN	2122	2	0	0	0	0	0	10	2,151	946	0	0	0	0	5,067,454	0	5,070,561	5,070,561		
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	6	4,293,749	0	0	4,293,749	18,912	11,124	0	0	0	0	0	0	30,036	4,232,785	0	4,232,785		
Montana Resources LLP	Butte	MT	2122	3	0	0	0	0	0	250	0	0	0	0	0	104,156	4,175,279	4,279,685	4,279,685			
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	0	121	0	0	0	0	0	7,654	4,183,000	4,190,775	4,190,775			
Chemical Waste Management	Emelle	AL	562	13	0	3,996,567	0	3,996,567	481	728	0	0	0	0	0	0	0	0	1,209	3,997,776		
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	3,284	80	4,122	0	0	0	0	0	3,852,000	0	3,859,486	3,859,486		
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	2	0	0	0	0	24	86	144	0	0	0	0	0	2,140,059	1,585,887	3,726,200	3,726,200		
Brushy Creek Mine/Mill	Bunker	MO	2122	1	0	0	0	0	2,126	0	1,840	0	0	0	0	0	3,694,000	0	3,697,966	3,697,966		
Quemeticco Inc	Indianapolis	IN	331	4	0	0	0	0	0	1,026	0	0	0	0	0	0	0	0	1,026	1,026		
Pogo Mine	Delta Junction	AK	2122	6	0	0	0	0	7	43	61	0	0	0	0	0	3,467,100	3,467,212	3,467,212	3,467,212		
Freepoint McMoran Tyrone Inc	Tyrone	NM	2122	2	0	0	0	0	34	0	25	0	0	0	0	0	3,460,750	3,460,809	3,460,809	3,460,809		
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	76	0	0	0	0	0	0	0	3,282,242	3,282,319	3,282,319	3,282,319		
Envirosafe Services of Ohio Inc	Oregon	OH	562	7	0	3,119,996	0	3,119,996	26	2	0	0	0	0	0	0	0	0	28	3,120,024		
Dupont Del Norte Plant	Pass Christian	MS	325	8	2,915,716	0	30,397	2,946,113	0	186	231	0	0	0	0	0	0	0	418	2,946,530		
Fort Knox Mine	Fairbanks	AK	2122	3	0	0	0	0	22	8	0	0	0	0	0	1,426,460	1,365,241	2,791,730	2,791,730			
Mesquite Mine	Brawley	CA	2122	1	0	0	0	0	5	0	0	0	0	0	0	0	2,702,160	2,702,165	2,702,165	2,702,165		
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	7	0	0	1,880,899	704,618	2,585,517	31	571	0	0	0	0	0	0	0	602	2,586,119		
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	12	0	1,044,073	1,513,552	2,557,625	10,657	27,446	0	0	0	0	0	0	0	0	0	2,586,625		
EnergySolutions LLC	Clove	UT	562	6	2,509,554	0	0	2,509,557	15,604	39,310	0	0	0	0	0	0	0	0	38,103	2,547,224		
Ascend Performance Materials Chocolate Bayou Facility	Alvin	TX	325	11	2,291,110	0	0	2,291,110	15,604	39,310	0	0	0	0	0	0	0	0	58,114	2,346,224		
Burn Resource Recycling Facility LLC	Burn	MO	321	4	0	2,171,746	0	2,171,746	25,689	3,934	561	0	0	0	0	0	0	0	38,103	2,232,931		
Freepoint-McMoran Miami Inc	Claypool	AZ	2122	7	0	0	0	0	9,614	1,992	510	0	0	0	0	0	2,260	2,171,000	2,185,376	2,185,376		
Thompson Creek Mining Co	Clayton	ID	2122	2	0	0	0	0	4	2	0	0	0	0	0	540,834	1,640,000	2,180,840	2,180,840			
Sanders Lead Co Inc	Troy	AL	321	4	0	0	2,105,854	2,105,854	3,215	1,483	498	0	0	0	0	0	0	0	5,196	2,111,050		
Wayne Disposal Inc	Bellefonte	MI	562	13	0	1,862,664	0	1,862,664	3	13	0	0	0	0	0	0	0	0	16	1,862,680		
North American Stainless	Ghent	KY	321	3	0	0	0	0	0	9,444	2,174	0	0	0	0	0	0	0	0	11,618	11,618	
Heritage Environmental Services LLC	Indianapolis	IN	562	3	0	0	0	0	0	251	13	0	0	0	0	0	0	0	0	264	264	
Angus Chemical Co	Sterlington	LA	325	4	1,813,523	0	0	1,813,523	2,048	29,466	362	0	0	0	0	69	0	0	31,945	1,845,468		
Freepoint-McMoran Sierra Inc	Green Valley	AZ	2122	6	0	0	0	0	333	13	0	0	0	0	0	1,314,600	457,260	1,772,206	1,772,206			
US DOE Idaho National Laboratory Site	Scoville	ID	326	4	0	0	87,781	87,781	466	129	0	0	0	0	0	0	2,329	2,925	90,707	90,707		
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	5	0	0	0	0	716	28,162	385	0	0	0	0	0	1,670,536	1,699,799	1,699,799	1,699,799		
SRG/GI Ripley	Ripley	TN	332	4	0	0	0	0	77	966	15	0	0	0	0	0	750	1,807	1,807	1,807		
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	9	0	1,661,664	0	1,661,664	46	44	0	0	0	0	0	0	0	0	90	1,661,754		
US Ecology Texas Inc	Robstown	TX	562	12	1,000	1,651,418	0	1,652,418	15	0	780	0	0	0	0	0	0	0	795	1,653,213		
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	10	0	1,633,511	0	1,633,511	67	0	0	0	0	0	0	0	0	0	67	1,633,578		
Wharf Resources	Lead	SD	2122	1	0	0	1,523,700	1,523,700	1,600	18	0	0	0	0	0	0	0	2	1,620	1,525,320		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at <http://www.epa.gov/tri/tridata>.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Surface Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Slack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M63), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009: Carcinogens

Facility	Off-site Disposal or Other Releases																	Total On-site and Off-site Disposal or Other Releases Pounds
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases													
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Compounds Only) Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Compounds Only) Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds		
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	189,663,557
Newmont Mining Corp Twin Creeks Mine	0	799	0	799	0	0	0	0	0	0	0	0	0	0	0	0	799	33,744,736
Barrick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	612	25,222,418
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	16,848	0	0	0	0	0	0	0	0	0	0	16,848	24,853,514
Newmont Mining Corp - Carlin South Area	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	21,415,559
Newmont Mining Corp Canyon Facility	0	1,265	0	1,265	0	0	0	0	0	0	0	0	0	0	0	0	1,265	19,011,954
Hecla Green Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Buck Mine Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,365,201
Optical Waste Management Inc	0	0	0	0	0	809	0	0	0	0	0	0	0	0	0	0	4,557	7,196,263
Kennecott Utah Copper Smelter & Refinery	0	0	49	49	0	840	0	0	0	0	0	0	0	0	0	0	840	7,089,852
Monsanto Luling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,449,490
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,070,561
Ineos USA LLC - Green Lake Plant	0	0	0	0	0	0	161	0	0	0	0	0	0	0	0	0	161	4,323,946
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,279,685
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,190,775
Chemical Waste Management	0	0	0	0	0	17	0	0	0	0	0	0	0	0	1,888	0	1,905	3,999,681
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,859,486
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,726,200
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,697,966
Quemeticco Inc	686,010	2,992,684	3,678,694	0	0	0	0	90	0	0	0	0	0	0	0	0	90	3,678,784
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,679,810
Freepoint McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,467,212
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,460,809
Envirosafe Services of Ohio Inc	0	63	0	63	0	0	181	0	0	0	0	0	0	0	0	0	181	3,120,268
Dupont Delice Plant	0	0	125	125	0	0	0	0	0	0	0	0	0	0	0	0	0	125
Fort Knox Mine	0	0	0	0	0	6	0	0	0	0	0	0	0	0	3	0	9	2,791,739
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,702,165
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2,586,395
Chemical Waste Management of the Northwest Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,586,190
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,586,265
Ascend Performance Materials Chocolate Bayou Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,547,660
Ironos USA LLC	0	30	890	920	0	36	0	0	0	0	0	0	0	0	0	0	36	956
Bear Resource Recycling Facility LLC	0	0	98,737	98,737	0	0	0	0	0	0	0	0	0	0	0	0	98,737	2,300,683
Freepoint-McMoran Miami Inc	0	0	0	0	0	9	0	63	0	0	0	0	0	0	0	0	8,826	8,826
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,194,203
Sanders Lead Co Inc	0	10	36	46	0	0	0	14	0	0	0	0	0	0	0	14	60	2,111,110
Wayne Disposal Inc	0	0	68,066	68,066	0	0	0	144	0	0	0	0	0	0	0	0	144	68,210
North American Stainless	0	0	1,807,177	1,807,177	0	0	0	0	0	0	0	0	0	0	0	0	71,523	1,878,701
Heritage Environmental Services LLC	0	1,419,005	40,750	1,459,755	0	0	0	256	0	0	0	0	0	0	0	0	396,285	396,541
Angus Chemical Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,528	1,849,996
Freepoint-McMoran Sierraña Inc	0	250	0	250	0	0	0	0	0	0	0	0	0	0	0	0	0	250
US DOE Idaho National Laboratory Site	0	294,960	4,890	299,850	0	1,368,424	0	0	0	0	1	0	0	0	0	0	1,378,868	1,678,718
Doe Run Co Herculaneum Smelter	0	0	0	0	0	171	0	1,038	0	0	0	0	0	0	0	0	1,209	1,209
SRGGI Ripley	0	0	1,675,818	1,675,818	0	0	0	116	0	0	0	0	0	0	0	0	116	1,675,934
Clean Harbors Lone Mountain LLC Lone Mountain Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,661,754
US Ecology Texas Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,653,213
Chemical Waste Management - Lake Charles Facility	32	0	0	32	0	8,320	0	0	0	0	0	0	0	0	0	0	8,320	1,641,930
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,525,320

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/FactorsToConsiderPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2009: Lead and Lead Compounds

NAICS Code Industry	On-site Disposal or Other Releases																	Total On-site and Off-site Disposal or Other Releases Pounds
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases													
	RCRA Subtitle Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Impoundments Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds		
2121 Coal Mining	0	0	383,579	383,579	71	54	29	16,324	38,207	0	231,459	5,329	291,474	675,053	12,682	687,934		
2122 Metal Mining	0	0	1,530,568	1,530,569	36,091	2,763	12,691	8,722,356	148	34,051	115,827,111	211,514,912	336,150,123	337,680,691	13,446	337,694,137		
2211 Electric Utilities	20	0	2,834,247	2,834,267	3,010	105,351	15,557	3	65,651	0	2,216,695	235,756	2,642,023	5,476,291	1,297,192	6,773,483		
311/312 Food/Beverages/Tobacco	0	0	0	0	16	13,548	767	0	764	0	844	1,925	17,863	17,863	104,805	122,668		
313/314 Textiles	0	0	0	0	190	1,293	0	0	0	0	585	0	2,068	2,068	2,694	4,762		
315 Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,131		
316 Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32		
321 Wood Products	0	411	6,906	7,317	80	4,816	67	0	317	0	77	1,261	6,618	13,935	27,692	41,627		
322 Paper	0	0	165,368	165,368	25	25,698	26,510	0	13,327	0	49,577	2,885	118,023	283,391	181,580	464,972		
323/51 Printing and Publishing	0	0	0	0	9	32	0	0	0	0	0	4	45	45	2,007	2,052		
324 Petroleum	643	12	305	960	727	8,749	5,251	26	3,025	5	2,312	1,149	21,244	22,204	164,088	186,292		
325 Chemicals	459,630	567	1,306,597	1,766,794	3,332	13,270	4,578	0	35	0	192,523	67,619	281,357	2,048,151	742,574	2,790,724		
326 Plastics and Rubber	0	0	128	128	99	1,562	16	0	0	0	1	1	1,680	1,808	74,773	76,581		
327 Stone/Clay/Glass	1,922	392	23,521	25,835	3,652	20,656	69	0	2	2	4,473	124,061	152,914	178,749	424,617	603,366		
32731 Cement	0	0	185,767	185,767	898	4,813	234	0	0	0	31	868	6,844	192,611	4,321	196,932		
331 Primary Metals	866	2,212,888	3,318,457	5,532,212	72,648	191,055	10,160	0	169	0	3,245,402	3,501,881	7,021,315	12,553,527	10,579,243	23,132,770		
332 Fabricated Metals	0	0	160	160	7,882	8,529	2,501	0	4,723	1	6	13,889	37,531	37,691	674,629	712,320		
333 Machinery	0	0	200	200	4,478	873	564	0	0	0	0	41	5,956	6,156	35,515	41,671		
334 Computers/Electronic Products	0	0	0	0	649	1,119	210	0	0	0	0	12	1,990	1,990	134,657	136,647		
335 Electrical Equipment	0	0	5	5	2,304	16,043	478	0	0	0	170	1,784	20,781	20,786	956,011	976,796		
336 Transportation Equipment	0	0	3,956	3,956	2,400	7,567	377	0	0	0	3	2,371	12,718	16,675	1,601,008	1,617,682		
337 Furniture	0	0	0	0	346	550	6	0	388	0	0	438	1,727	1,727	2,740	4,467		
339 Miscellaneous Manufacturing	0	0	0	0	1,319	177	5	0	0	0	0	0	1,501	1,501	17,198	18,699		
4246 Chemical Wholesalers	0	0	0	0	0	11	0	0	0	0	0	0	11	11	4,192	4,203		
4247 Petroleum Bulk Terminals	0	0	0	0	10	15	26	0	0	0	0	0	51	51	2,278	2,330		
562 Hazardous Waste Management	267,475	9,947,483	48,576	10,263,534	1,714	1,609	99	0	0	1	1,138,142	94,339	1,235,905	11,499,439	2,535,871	14,035,310		
No TRI NAICS Code	0	112,025	933,098	1,045,123	57,908	3,999	4,689	0	2,359	2,447	35,865	4,535,924	4,643,191	5,688,314	441,037	6,129,351		
Total	730,556	12,273,778	10,741,441	23,745,775	199,859	434,152	84,885	8,738,709	129,113	36,507	122,945,277	220,106,450	352,674,954	376,420,729	20,044,210	396,464,940		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, by State, 2009: Lead and Lead Compounds

State	On-site Disposal or Other Releases														Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases											
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	
Alabama	0	365,949	2,189,711	2,555,660	4,967	11,034	6,237	16,317	1,167	0	318,352	72,227	430,301	2,985,962	133,218	3,119,180
Alaska	0	0	4,469	4,469	7,502	2,182	87	8,714,493	0	0	78,873,291	119,339,862	206,937,417	206,941,886	9,331	206,951,218
Arizona	0	0	84,990	84,990	14,467	3,326	5	0	63	0	3,728,541	5,070,701	8,817,103	8,902,093	17,948	8,920,042
Arkansas	0	521	61,573	62,094	1,897	8,370	2,025	0	10,892	1	9,569	46,166	78,920	141,015	270,241	411,256
California	0	2,215,067	10,695	2,225,762	6,673	3,720	467	3	2,357	2	31	3,149,312	3,162,564	5,388,326	1,314,215	6,702,542
Colorado	0	419,502	77,398	496,901	878	1,689	34	0	719	0	1,400,755	3,374,318	4,778,392	5,275,293	53,382	5,328,675
Connecticut	0	0	244	244	1,613	429	170	0	0	0	0	1,045	3,257	3,501	85,562	89,063
Delaware	0	0	17,251	17,251	229	842	474	0	0	0	208	0	1,752	19,003	45,208	64,211
District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	445	445
Florida	0	0	918,764	918,764	1,676	9,467	1,528	0	658	0	51,274	70,512	135,115	1,053,879	141,796	1,195,676
Georgia	0	0	30,394	30,394	2,017	13,357	1,555	0	10	0	243,705	446,073	706,716	737,110	50,148	787,258
Guam	0	0	0	0	47	152	0	0	0	0	30	3,713	3,942	0	3,942	
Hawaii	0	0	0	0	2	2,406	31	10	0	0	0	77,373	79,821	79,821	27,983	107,805
Idaho	0	0	4,257	4,257	645	1,107	535	0	261	34,051	2,709,708	3,352,125	6,098,433	6,102,690	1,568,573	7,671,263
Illinois	0	16,000	46,183	62,183	5,824	54,813	4,710	0	579	0	97,096	8,935	171,957	234,140	1,269,420	1,503,560
Indiana	200	415	374,118	374,733	5,647	34,683	2,091	0	8,967	0	444,017	130,369	625,774	1,000,507	4,881,640	5,882,147
Iowa	0	0	54,666	54,666	496	11,537	1,612	0	0	0	6,422	7,117	27,184	81,850	690,569	772,419
Kansas	13	0	81,060	81,073	3,277	6,479	67	0	0	0	986	39,290	50,099	131,172	60,782	191,954
Kentucky	1,923	0	286,293	288,216	5,423	15,709	4,826	0	1,900	0	475,863	429,147	932,869	1,221,085	515,973	1,737,059
Louisiana	0	330,359	513,720	844,079	1,216	9,113	6,230	0	165	0	239,745	80,491	336,960	1,181,039	168,210	1,349,248
Maine	0	0	5,040	5,040	13	2,276	1,257	0	0	0	0	835	4,380	9,421	45,989	55,410
Maryland	0	0	131,046	131,046	265	1,966	233	7	12,618	0	0	9,264	24,353	155,399	146,761	302,160
Massachusetts	0	0	1,441	1,441	2,162	680	15	0	0	0	501	12,642	16,000	17,441	201,527	218,968
Michigan	0	92,647	75,763	168,409	2,693	13,189	522	0	0	0	76,406	25,279	118,088	286,497	265,253	551,750
Minnesota	0	0	51,095	51,095	1,242	6,919	281	0	0	0	16,733	32,683	57,859	108,953	432,831	541,784
Mississippi	459,626	0	22,229	481,855	906	2,791	1,099	0	0	0	3,925	81,134	89,856	571,711	75,097	646,808
Missouri	0	2,198,707	36,364	2,235,071	47,713	37,248	12,557	0	0	0	18,316,449	1,557,936	19,971,903	22,206,974	251,629	22,458,603
Montana	0	52	56,510	56,562	1,184	1,378	286	7,863	140	0	556,360	8,005,990	8,573,200	8,629,762	14,092	8,643,854
Nebraska	0	0	33,738	33,738	1,162	2,974	388	0	0	0	0	97,436	101,960	135,698	277,447	413,146
Nevada	0	307,966	37,785	345,751	1,847	1,738	12	0	30	0	3,696,008	46,617,905	50,317,539	50,663,291	15,890	50,679,181
New Hampshire	0	0	540	540	21	245	16	0	0	0	0	0	282	822	26,861	27,683
New Jersey	0	481	0	481	457	1,414	413	0	0	2,446	0	8,7616	92,346	92,827	281,074	373,901
New Mexico	0	0	242,455	242,455	922	639	91	0	0	0	69,544	3,718,204	3,789,399	4,031,854	42,721	4,074,575
New York	0	123,000	25,847	148,847	1,318	7,712	1,449	0	11	0	3	140,733	151,225	300,073	215,021	515,094
North Carolina	0	0	180,190	180,190	4,634	7,094	2,765	0	25	0	80,587	526,977	622,082	802,272	158,637	960,909
North Dakota	0	0	19,599	19,599	13	4,118	432	17	0	0	26,015	11,535	42,131	61,730	46,505	108,235
Northern Mariana Islands	0	0	0	0	1	0	0	0	0	0	2	0	3	3	0	3
Ohio	10,554	3,000,000	228,739	3,239,293	6,146	27,422	4,038	0	16,951	0	267,433	15,281	337,271	3,576,564	1,377,428	4,953,992
Oklahoma	0	533,671	26,003	559,674	9,113	6,898	2,593	0	1,498	0	4,060	84,411	108,574	668,249	21,376	689,624
Oregon	0	880,898	40,858	921,756	147	1,163	2,427	0	16	0	196	9,360	13,309	935,065	259,988	1,195,053
Pennsylvania	0	0	373,698	373,698	20,978	38,253	3,335	0	15,750	1	1,138,149	76,788	1,293,254	1,666,952	2,645,695	4,312,647
Puerto Rico	0	0	0	0	17	2,186	85	0	0	0	0	0	2,288	5,509	7,797	
Rhode Island	0	0	0	0	9	16	0	0	0	0	0	788	813	813	18,554	19,367
South Carolina	0	383	105,799	106,182	1,988	6,090	1,598	0	121	1	173,177	298,490	481,464	587,647	200,950	788,597
South Dakota	0	0	1,531,923	1,531,923	1,826	141	705	0	0	0	43	2	2,717	1,534,639	3,116	1,537,756
Tennessee	0	51	326,904	326,955	1,456	6,736	2,328	0	0	0	4,965,235	40,859	5,016,615	5,343,571	515,220	5,858,791
Texas	258,240	194,253	579,686	1,032,179	13,281	24,574	2,258	0	30,973	5	326,779	330,635	728,506	1,760,684	259,849	2,020,533
Utah	0	1,544,873	487,436	2,032,309	2,962	8,475	74	0	98	0	3,951,226	22,060,266	26,023,101	28,055,410	189,104	28,244,514
Vermont	0	0	0	0	0	8	0	0	0	0	0	0	14,193	14,200	14,200	1,165
Virgin Islands	0	0	0	0	0	194	0	0	59	0	0	0	254	254	336	589
Virginia	0	0	71,029	71,029	4,834	11,163	4,833	0	4,728	0	54,969	298,477	379,004	450,033	304,449	754,482
Washington	0	48,918	933,358	982,276	234	4,361	4,686	0	413	0	519,321	177,821	706,836	1,689,112	75,427	1,764,539
West Virginia	0	65	249,704	249,769	3,110	4,717	669	0	17,660	0	77,226	11,967	115,349	365,118	115,204	480,322
Wisconsin	0	0	9,906	9,906	2,608	7,844	733	0	0	0	5	60,888	72,079	81,984	237,036	319,020
Wyoming	0	0	100,969	100,969	102	1,114	25	0	286	0	25,329	1,278	28,134	129,103	11,824	140,927
Total	730,556	12,273,778	10,741,441	23,745,775	199,859	434,152	84,885	8,738,709	129,113	36,507	122,945,277	220,106,450	352,674,954	376,420,729	20,044,210	396,464,940

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009: Lead and Lead Compounds

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases												Total On-site Disposal or Other Releases Pounds			
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases										
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds				
Red Dog Operations	Kotzebue	AK	2122	1	0	0	0	0	60,1	81	5	0	0	77,611,665	110,400,950	18,558,610	188,558,610			
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	1	0	0	0	866	462	16	15	0	0	1,283,737	22,017,011	23,301,387	23,302,253			
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	520	1	0	0	0	0	0	19,000,000	19,000,521	19,000,521		
Hecla Greens Creek Mining Co	Juniper	AK	2122	1	0	0	0	0	161	21	34	8,714,493	0	0	6,937,984	15,652,693	15,652,693			
Robinson Nevada Mining Co	Ruth	NV	2122	1	0	0	0	0	0	31	0	12	0	0	0	732,000	10,100,000	10,832,043		
Buck Mine/Mill	Boss	MO	2122	1	0	0	0	0	9,880	260	5,061	0	0	0	9,350,000	0	9,365,201			
Cortez Gold Mine	Crescent Valley	NV	2122	1	0	0	0	0	46	48	0	0	13	0	431,755	7,375,562	7,807,378			
Banff Resources Inc	Ebb	NV	2122	1	0	0	0	187	187	58	6	0	0	0	340,631	4,661,874	5,002,569			
Nyssa Clarksville Inc	Clarksville	TN	2122	1	0	0	0	0	0	9	172	384	0	0	0	4,898,945	4,765,445	4,899,945		
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	0	121	0	0	0	0	0	4,190,775	4,190,775			
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	0	3,284	80	4,122	0	0	0	3,852,000	0	3,859,486		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	0	1	1	360	25	0	0	17	0	1,400,000	2,400,000	3,800,403		
Montana Resources LLP	Butte	MT	2122	1	0	0	0	0	0	0	0	0	0	0	0	3,795,708	3,795,708			
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	1	0	0	0	0	0	24	86	143	0	0	0	2,129,135	1,579,863	3,709,251		
Brushy Creek Mine/Mill	Bunker	MO	2122	1	0	0	0	0	2,126	0	1,840	0	0	0	3,694,000	0	3,697,985			
Freight-McMoran Tyrone Inc	Tyrone	NM	2122	1	0	0	0	0	29	0	25	0	0	0	0	3,460,000	3,460,054	3,460,054		
Quesmetco Inc	Indianapolis	IN	331	1	0	0	0	0	0	880	0	0	0	0	0	0	980	980		
Criddle Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	0	76	0	0	0	0	0	3,282,242	3,282,319	3,282,319		
Envirosafe Services of Ohio Inc	Oregon	OH	562	1	0	3,000,000	0	40,957	40,957	2,074	6,647	44	0	1	0	2,655,836	0	2,664,602		
Kennecott Utah Copper Smelter & Refinery	Magnus	UT	331	1	0	0	0	0	3,000,000	25	1	0	0	0	0	0	2,702,160	2,702,165		
Mesquite Mine	Brawley	CA	2122	1	0	0	0	0	0	5	0	0	0	0	0	0	2,329	2,344		
Fort Knox Mine	Fairbanks	AK	2122	1	0	0	0	0	0	22	6	2	0	0	0	0	1,261,623	1,365,241		
Thomson Zinc Mining Co	Carson	ID	2122	1	0	0	0	0	0	4	2	0	0	0	0	0	529,000	1,640,000		
Buck Resource Recovery Facility LLC	Base	MO	331	1	0	2,122,094	0	2,122,094	25,372	3,860	341	0	0	0	0	0	29,573	2,151,861		
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	1	0	0	0	10,836	10,836	5,960	1,292	0	0	0	0	0	2,084,994	2,092,246		
Sanders Lead Co Inc	Troy	AL	331	1	0	0	0	1,950,274	1,950,274	3,180	1,452	237	0	0	0	0	0	4,869	1,955,143	
Chemical Waste Management Inc	Kettleman City	CA	562	1	0	1,850,009	4,282	1,863,291	133	1	0	0	0	0	0	0	0	135	1,863,427	
US DOE Idaho National Laboratory Site	Scoville	ID	336	1	0	0	0	3,956	3,956	6	10	0	0	0	0	0	0	2,329	6,301	
Wharf Resources	Lead	SD	2122	1	0	0	0	1,523,700	1,523,700	1,600	18	0	0	0	0	0	0	2	1,620	
Dow Resources Inc	Herculesium Smelter	MO	331	1	0	0	0	0	698	27,326	169	0	0	0	0	0	0	1,412,279	1,407,075	
Orion Molybdenum Co Henderson Mill	Pearlhead	CO	2122	1	0	0	0	0	8	3	0	0	0	0	0	0	0	0	1,400,011	
ASARCO LLC Merion Complex	Sahuarita	AZ	2122	1	0	0	0	0	4	14	0	0	21	0	0	0	0	0	1,379,217	
Sweetwater Mine/Mill	Ellington	MO	2122	1	0	0	0	0	2,093	0	869	0	0	0	0	0	0	1,378,962	1,378,962	
Freeport-McMoran Sierita Inc	Green Valley	AZ	2122	1	0	0	0	0	0	73	8	0	0	0	0	0	0	0	1,294,081	
Freeport-McMoran Miami Inc	Claypool	AZ	2122	1	0	0	0	0	0	6,704	987	0	0	0	0	0	0	0	1,150,000	
Max Environmental - Yukon Facility	Yukon	PA	562	1	0	0	0	0	0	1,100	0	20	0	0	0	0	0	0	1,138,102	
Smoky Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	781,000	
US DOE Hanford Site	Richland	WA	2122	1	0	48,900	929,978	978,878	6	1	0	0	0	0	0	0	0	0	1,133,002	
Gummere Inc	City of Industry	CA	331	1	0	0	0	0	0	0	24	0	0	0	0	0	0	0	10,403	10,403
Hornbeam Corp Monaca Smelter	Monaca	PA	331	1	0	0	0	0	0	38	8,072	24	0	0	0	0	0	0	24	8,134
Freeport-McMoran Safford Inc	Safford	AZ	2122	1	0	0	0	0	0	74	0	0	0	0	0	0	0	0	0	938,000
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	1	0	880,898	35,828	916,726	3	55	0	0	0	0	0	0	0	0	59	916,784
Marigold Mining Co	Valmy	NV	2122	1	0	0	0	4	4	22	0	0	0	0	0	0	0	0	0	889,149
Exide Technologies	Reading	PA	331	2	0	0	0	0	0	316	1,807	22	0	0	0	0	0	0	2,146	0
Envirofreedom LLC	Clive	UT	562	1	0	635,712	8,466	844,178	0	0	0	0	0	0	0	0	0	0	0	844,178
Bell Mountain Mine	Ebb	NV	2122	1	0	0	0	0	0	78	0	0	0	0	0	0	0	0	0	20,317
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	2	0	709,161	0	709,161	6	0	0	0	0	0	0	0	0	0	6	709,167
Periora Disposal Co #1	Peoria	IL	562	1	0	0	16,000	0	16,000	0	0	0	0	0	0	0	0	0	0	16,000
EnergySolutions Bear Creek Facility	Oak Ridge	TN	562	1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
Tetra Micronutrients Inc	Fairbury	NE	325	1	0	0	0	0	0	9	140	2	0	0	0	0	0	0	0	151

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at <http://www.epa.gov/tri/tridata.html>.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1B), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.5.2), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class I-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M62), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTW's) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M68), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class I-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M84, M81), and Unknown (M69) and, from Section 6.1, Transfers to POTW's (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009: Lead and Lead Compounds

Facility	Off-site Disposal or Other Releases																			Total On-site and Off-site Disposal or Other Releases Pounds	
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other Off-site Disposal or Other Releases															
	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Compounds Pounds	Category Compounds Only Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Compounds Only) Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds						
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	189,309,992	23,118,664	16,611	1,254	
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	16,611	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Newmont Mining Corp Copper Canyon Facility	0	1,254	0	1,254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,001,775	
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,652,693	
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,832,043	
Buck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,365,201	
Cortez Gold Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,807,424	
Banff Mining and Minerals Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,008,988	
Nyestar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,499,339	
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,190,775	
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,859,486	
Newmont Mining Corp - Carlin South Area	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,800,405	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,795,708	
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,709,251	
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,697,956	
Freeport-McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,486,954	
Quemado Inc	0	571,482	2,811,598	3,383,080	0	0	0	50	0	0	0	0	0	0	0	0	0	50	0	3,383,130	
Crripe Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,384,010	
Envirosafe Services of Ohio Inc	0	62	0	62	0	0	114	0	0	0	0	0	0	0	0	0	0	0	0	3,282,319	
Kennecott Utah Copper Smelter & Refinery	0	0	4	4	0	168	0	0	0	0	0	0	0	0	0	0	0	114	176	3,000,202	
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,705,730	
Fort Knox Mine	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	2,702,165	
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,626,900	
Buck Resource Recovery Facility LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,516,606	
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,151,657	
Sanders Lead Co Inc	0	10	36	46	0	0	0	4	0	0	0	0	0	0	0	0	0	4	50	1,955,193	
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,863,567	
US DOE Idaho National Laboratory Site	0	292,569	154	292,723	0	1,333,579	0	0	0	0	0	0	0	0	0	10,421	0	1,344,000	0	1,636,722	
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,525,320	
Dow Rossington Asbestum Smelter	0	0	0	0	0	0	159	0	983	0	0	0	0	0	0	0	0	1,142	1,142	1,441,618	
Orion Molybdenum Co Henderson Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,401,011	
ASARCO LLC Merion Complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,370,917	
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,378,962	
Freeport-McMoran Sierita Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,294,081	
Freeport-McMoran Miami Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,157,748	
Smoky Valley Common Operation	0	0	0	0	0	0	9	0	48	0	0	0	0	0	0	0	0	0	0	1,152,924	
Max Environmental - Yukon Facility	0	0	0	13,702	0	13,702	0	0	0	0	0	0	0	0	0	0	1	0	0	13,702	
US DOE Hanford Site	0	0	0	0	0	0	22,161	0	0	0	0	0	0	0	0	0	0	1	0	1,133,003	
Gummere Inc	0	94,649	889,819	984,467	0	0	48	0	0	0	0	0	0	0	0	0	0	49	984,540	984,540	
Horsehead Corp Monaca Smelter	0	0	930,072	930,072	0	12,554	0	0	0	0	0	0	0	0	0	0	0	12,554	942,626	950,760	
Freeport-McMoran Safford Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	938,074	
Chemical Waste Management of the Northwest Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	916,813	
Mangold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	889,175	
Exide Technologies	0	0	527,253	527,253	0	341,240	0	0	0	0	0	0	0	0	0	0	0	341,240	868,493	870,639	
EnviroSafe LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	847,792	
Bell Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	760,317	
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	709,167	
Pearla Disposal Co #1	0	0	670,000	670,000	0	0	6	0	0	0	0	0	0	0	0	0	0	6	670,006	686,006	
EnergySolutions Bear Creek Facility	0	683,325	0	683,325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	683,325	
Tetra Micronutrients Inc	0	0	2,549	2,549	0	644,200	0	0	0	0	0	0	0	0	0	0	0	644,200	646,749	646,900	

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M8), RCRA Subtitle C Landfills (M6), Other Landfills (M4, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M1 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M81), RCRA Subtitle C Surface Impoundments (M68), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M80), Transfers to Waste Broker - Disposal (M44, M91), and Unknown (M69) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2009: Mercury and Mercury Compounds

NAICS Code Industry	On-site Disposal or Other Releases															Total On-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds	
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases													
	RCRA Subtitle C Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Other Releases Pounds				
2121 Coal Mining	0	0	1,373	1,373	9	7	1	13	2,247	0	705	128	3,111	4,484	33	4,517		
2122 Metal Mining	0	0	1,036	1,036	475	2,300	8	7,569	11	0	742,110	4,818,867	5,571,340	5,572,376	192	5,572,568		
2211 Electric Utilities	0	0	27,463	27,463	24	70,769	639	0	1,221	0	13,885	1,249	87,786	115,250	62,094	177,344		
311/312 Food/Beverages/Tobacco	0	0	0	0	0	610	1,606	0	0	0	42	35	2,293	2,293	1,010	3,303		
313/314 Textiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
321 Wood Products	0	0	2	2	0	3	0	0	0	0	0	0	0	3	5	0		
322 Paper	0	0	492	492	6	1,882	137	0	39	0	3,135	3	5,202	5,695	1,587	7,281		
324 Petroleum	6	0	28	34	442	2,044	195	2	249	3	5	144	3,084	3,118	2,667	5,784		
325 Chemicals	140	192	15,325	15,657	3,034	2,139	116	0	0	0	2,310	819	8,417	24,074	65,129	89,203		
326 Plastics and Rubber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27		
327 Stone/Clay/Glass	5	0	19	24	17	637	2	0	0	0	38	523	1,216	1,240	138	1,378		
32731 Cement	0	4	1,465	1,469	33	8,000	0	0	0	0	0	0	0	8,033	9,501	2	9,503	
331 Primary Metals	0	0	206	207	231	5,801	45	0	20	0	3,518	192	9,806	10,013	4,749	14,761		
332 Fabricated Metals	0	0	16	16	0	5	9	0	0	0	0	0	0	16	31	12		
333 Machinery	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	6		
334 Computers/Electronic Products	0	0	0	0	0	18	6	0	0	0	0	0	0	24	24	13		
335 Electrical Equipment	0	0	0	0	0	125	128	1	0	0	0	0	0	253	253	5,454		
336 Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
339 Miscellaneous Manufacturing	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	400		
4246 Chemical Wholesalers	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	123		
4247 Petroleum Bulk Terminals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
562 Hazardous Waste Management	267	173,861	171	174,299	14	331	6	0	0	0	0	50	12,085	12,485	186,784	51,261		
No TRI NAICS Code	0	4,808	24	4,832	1	72	0	0	0	0	0	0	0	73	4,905	353	5,258	
Total	418	178,865	47,621	226,904	4,429	94,734	2,764	7,585	3,786	3	765,798	4,834,057	5,713,156	5,940,060	195,251	6,135,311		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, by State, 2009: Mercury and Mercury Compounds

State	On-site Disposal or Other Releases															Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases		
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases														
	RCRA Subtitle C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	Total On-site Disposal or Other Releases						
Class I Wells Pounds	C Landfills Pounds	Landfills Pounds	Subtotal Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds		
Alaska	0	0	46	8	63	2	7,563	0	0	54,750	49,149	111,535	111,582	30	111,612				
Alabama	0	133,988	301	134,289	7	4,028	71	13	2	0	1,267	32	5,421	139,710	19,956	159,666			
Arkansas	0	0	22	22	359	1,586	4	0	14	0	8	10	1,981	2,003	2,458	4,462			
Arizona	0	0	1,110	1,110	13	1,897	1	0	1	0	2,772	3,102	7,786	8,895	130	9,026			
California	0	13,215	76	13,291	22	2,283	2	0	0	0	0	23,419	25,726	39,017	1,402	40,419			
Colorado	0	28	1,874	1,902	18	930	82	0	16	0	4	1,883	2,933	4,835	289	5,124			
Connecticut	0	0	0	0	1	49	0	0	0	0	0	0	50	50	470	520			
District of Columbia	0	0	57	57	1	181	9	0	0	0	0	0	191	248	13,502	13,750			
Florida	0	0	13,119	13,119	1	2,077	10	0	0	0	543	1	2,633	15,751	1,309	17,060			
Georgia	0	0	74	74	111	2,378	41	0	0	0	1,531	11	4,071	4,146	346	4,491			
Guam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hawaii	0	0	0	0	0	57	5	1	0	0	0	0	63	63	84	147			
Iowa	0	0	454	454	0	2,688	3	0	0	0	18	1	2,710	3,164	966	4,130			
Idaho	0	0	0	0	0	522	0	0	0	0	2,848	1,040	4,410	4,410	4	4,414			
Illinois	0	1	97	98	41	3,389	100	0	1	0	523	119	4,172	4,270	2,100	6,370			
Indiana	0	0	1,318	1,318	34	4,552	52	0	37	0	860	278	5,813	7,131	1,109	8,239			
Kansas	1	0	719	719	4	1,560	1	0	0	0	6	0	1,570	2,289	327	2,617			
Kentucky	5	0	1,727	1,732	25	1,983	203	0	7	0	2,513	0	4,732	6,463	160	6,623			
Louisiana	0	1,600	2,515	4,115	1,053	2,255	61	0	0	0	1,428	501	5,298	9,413	21,490	30,903			
Massachusetts	0	0	0	0	0	77	0	0	0	0	2	0	79	79	125	204			
Maryland	0	0	23	23	1	1,491	1	0	1,692	0	0	2	3,187	3,210	1,508	4,718			
Maine	0	0	10	10	0	42	1	0	0	0	0	0	44	54	28	81			
Michigan	0	2,028	509	2,537	86	3,226	48	0	0	0	373	12	3,746	6,283	2,434	8,717			
Minnesota	0	0	244	244	19	1,266	0	0	0	0	54	16	1,375	1,619	313	1,933			
Missouri	0	0	235	235	9	4,167	2	0	0	0	91	25	4,293	4,528	2,738	7,267			
Northern Mariana Isla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Mississippi	139	0	140	279	1	690	20	0	0	0	3,009	0	3,720	3,998	576	4,574			
Montana	0	0	923	923	2	829	1	6	3	0	13	126,027	126,882	127,805	73	127,878			
North Carolina	0	0	939	939	1	1,794	125	0	0	0	1,262	336	3,517	4,456	1,200	5,656			
North Dakota	0	0	103	103	0	2,585	0	1	0	0	251	18	2,855	2,958	90	3,049			
Nebraska	0	0	911	911	2	1,521	0	0	0	0	0	12,087	13,610	14,521	415	14,936			
New Hampshire	0	0	7	7	0	176	0	0	0	0	0	0	176	183	171	355			
New Jersey	0	12	0	12	2	107	3	0	0	0	0	0	111	123	396	519			
New Mexico	0	0	1,345	1,345	5	565	0	0	0	0	83	198	852	2,197	1	2,198			
Nevada	0	15,423	249	15,672	473	2,204	5	0	9	0	678,046	4,585,094	5,265,832	5,281,504	187	5,281,691			
New York	0	305	223	528	0	705	10	0	0	0	0	0	715	1,243	702	1,946			
Ohio	262	44	1,574	1,880	556	5,230	30	0	158	0	2,227	41	8,242	10,122	2,955	13,077			
Oklahoma	0	967	184	1,151	10	1,668	2	0	7	0	14	0	1,702	2,852	390	3,243			
Oregon	0	185	19	204	0	2,173	0	0	0	0	0	0	2,173	2,377	55	2,433			
Pennsylvania	0	0	4,630	4,630	57	6,325	8	0	102	0	51	149	6,691	11,321	13,745	25,066			
Puerto Rico	0	0	0	0	0	360	2	0	0	0	0	0	362	362	23	385			
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1			
South Carolina	0	4	316	320	5	1,268	17	0	1	0	395	9	1,695	2,015	2,522	4,537			
South Dakota	0	0	1,068	1,068	0	240	1,606	0	0	0	0	1	1,846	2,914	151	3,065			
Tennessee	0	176	646	822	232	1,669	68	0	0	0	483	242	2,695	3,516	4,049	7,565			
Texas	11	1,736	3,931	5,678	18	12,751	109	0	969	3	2,179	269	16,298	21,976	3,238	25,214			
Utah	0	9,148	1,457	10,605	6	764	0	0	2	0	6,907	29,856	37,535	48,140	41,087	89,227			
Virginia	0	0	546	546	0	1,068	5	0	0	0	496	17	1,587	2,133	39,998	42,131			
Virgin Islands	0	0	0	0	0	4	0	0	20	0	0	0	24	24	5	29			
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	1	1	52	52			
Washington	0	0	9	9	1	629	17	0	99	0	4	0	750	759	477	1,236			
Wisconsin	0	0	57	57	1,063	2,196	13	0	0	0	0	51	3,323	3,380	8,026	11,406			
West Virginia	0	5	2,978	2,983	179	2,679	21	0	528	0	652	59	4,117	7,100	929	8,030			
Wyoming	0	0	837	837	3	1,771	0	0	120	0	133	1	2,028	2,865	456	3,321			
Total	418	178,865	47,621	226,904	4,429	94,734	2,764	7,585	3,786	3	765,798	4,834,057	5,713,156	5,940,060	195,251	6,135,311			

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009: Mercury and Mercury Compounds

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds	
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills						Other On-site Disposal or Other Releases									
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds			
Barrick Goldstrike Mines Inc	Elko	NV	2122	1	0	0	1	1	12	1,163	0	0	0	0	85,117	1,805,175	1,891,467	1,891,467		
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	1	0	0	0	0	331	441	0	0	0	0	429,472	1,444,528	1,874,772	1,874,772		
Cortez Gold Mines	Crescent Valley	NV	2122	1	0	0	0	0	18	1	0	0	0	0	38,683	446,877	485,588	485,588		
Ruby Hill Mine	Eureka	NV	2122	1	0	0	0	0	0	13	11	0	0	0	0	351,768	351,792	351,792	351,792	
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	0	0	32	290	5	0	1	0	110,060	200,000	310,328	310,328		
Newmont Mining Corp - Carlin North Area	Carlin	NV	2122	1	0	0	0	0	0	34	3	0	0	0	0	170,000	170,037	170,037	170,037	
Chemical Waste Management	Emelle	AL	562	1	0	133,988	0	133,988	0	67	0	0	0	0	0	0	67	134,055	134,055	
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	0	0	0	0	0	0	0	7	126,000	126,007	126,007	
Red Dog Operations	Kotzabue	AK	2122	1	0	0	0	0	0	7	2	1	0	0	0	53,838	39,596	93,444	93,444	
Merigold Mining Co	Valley	NV	2122	1	0	0	0	0	0	2	1	0	0	0	0	78,420	78,424	78,424	78,424	
Bald Mountain Mine	Elko	NV	2122	1	0	0	0	0	0	6	6	0	0	0	0	58,740	58,752	58,752	58,752	
Clean Harbors Aragonite LLC	Grantsville	UT	562	2	0	0	0	0	0	0	3	0	0	0	0	0	0	3	3	
James River Corporation Co Inc	Hopewell	VA	2211	1	0	0	0	0	0	0	17	0	0	0	0	0	0	18	18	
Kennebott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	1	0	0	0	0	2	2	1	29	0	0	0	6,031	29,768	35,831	35,833	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	0	5	2	0	0	0	0	0	25,000	25,007	25,007	
Mesquite Mine	Brawley	CA	2122	1	0	0	0	0	0	0	3	0	0	0	0	0	23,419	23,421	23,421	
Occidental Chemical Corp	Muscle Shoals	AL	325	1	0	0	0	0	0	0	0	5	0	0	0	0	0	5	5	
Pioneer Americas LLC (dba Olin Chloralkali Products)	Saint Gabriel	LA	325	1	0	0	0	0	672	0	0	3	0	0	0	0	675	675	675	
Occidental Chemical Corp	New Castle	DE	325	1	0	0	0	0	0	0	8	0	0	0	0	0	0	8	8	
Hecla Green Creek Mining Co	Juneau	AK	2122	1	0	0	0	0	0	5	0	7,563	0	0	0	5,663	13,232	13,232	13,232	
Chemical Waste Management Inc	Kettleman City	CA	562	1	0	12,963	42	13,005	0	0	0	0	0	0	0	0	0	0	13,006	
Clean Harbors Environmental Services Inc	Kimball	NE	562	1	0	0	0	0	0	1	0	0	0	0	0	12,085	12,086	12,086	12,086	
US Ecology Nevada Inc	Beatty	NV	562	2	0	10,615	0	10,615	0	0	0	0	0	0	0	0	0	0	10,616	
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	2	0	7,103	0	7,103	1	0	0	0	0	0	0	0	0	1	7,104	
Newmont Mining Corp Lone Tree Mine	Valmy	NV	2122	1	0	0	0	0	0	5	0	0	0	0	0	6,800	0	6,805	6,805	
Materials & Energy Corp	Oak Ridge	TN	562	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ercor Worldwide (USA) Inc	Nekoosa	WI	325	1	0	0	0	0	1,063	26	1	0	0	0	0	0	0	1,090	1,090	
Jerrett Canyon Mine	Elko	NV	2122	1	0	0	0	0	0	40	0	0	0	0	0	5,768	0	5,808	5,808	
McArdle Fertilizer LLC - New Wales Plant	Marysville	FL	325	1	0	0	0	5,400	5,400	0	5	0	0	0	0	0	0	5	5,405	
U.S. DOE NARANSON Test Site	Mercy	NV	2122	1	0	4,808	0	4,808	0	0	0	0	0	0	0	0	0	0	4,808	
Fort Knox Mine	Fairbanks	AK	2122	1	0	0	0	0	0	0	0	0	0	0	0	912	3,664	4,576	4,576	
Smoky Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	0	1	5	0	0	0	0	1,860	2,650	4,516	4,516	
Edystone Generating Station	Eddystone	PA	2211	1	0	0	0	0	0	74	1	0	0	0	0	0	0	75	75	
PPG Industries Inc	Westgate	LA	325	1	0	0	0	0	0	359	1	17	0	0	0	0	0	377	377	
International Paper - Virgilburg Mill	Redwood	MS	322	1	0	0	0	0	0	0	2	0	0	0	0	3,009	0	3,011	3,011	
Mosaic Fertilizer LLC Bartow	Barlow	FL	325	1	0	0	0	2,900	2,900	0	0	0	0	0	0	0	0	0	2,900	
Eaglepicher Technologies LLC	Joplin	MO	335	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Martin Lake Steam Electric Station & Lignite Mine	Tatum	TX	2211	1	0	0	0	1,089	1,089	5	1,566	0	0	0	0	0	0	1,571	2,660	
U.S. DOE Savannah River Ops	Aiken	SC	325	1	0	0	0	5	2,600	2,600	0	0	0	0	0	0	0	0	2,600	
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	1	0	0	0	0	0	2	0	0	0	0	0	1,760	747	2,509	2,509	
Mosaic Fertilizer LLC Uncle Sam Plant	Uncle Sam	LA	325	1	0	0	0	2,288	2,288	0	0	1	0	0	0	4	0	204	209	
Horsehead Corp Monaca Smelter	Monaca	PA	331	1	0	0	0	0	0	0	33	0	0	0	0	0	0	0	33	
Clean Harbors El Dorado LLC	El Dorado	AR	562	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RRI Energy Inc Keystone Power Plant	Shelota	PA	2211	1	0	0	0	1,369	1,369	0	795	0	0	0	0	0	0	795	2,164	
EnergySolutions LLC	Clive	UT	562	1	0	2,045	112	2,158	0	0	0	0	0	0	0	0	0	0	2,158	
American Electric Power Gavin Plant	Cheshire	OH	2211	1	0	0	1,184	1,184	0	852	0	0	0	0	0	0	0	0	2,083	
Wayne Disposal Inc	Bellefonte	MI	562	2	0	0	2,028	0	2,028	0	0	0	0	0	0	0	0	0	2,028	
RRI Energy Inc Conemaugh Power Plant	New Florence	PA	2211	1	0	0	1,488	1,488	0	569	2	0	0	0	0	0	572	0	2,060	
Mercury Displacement Industries Inc	Edwardsburg	MI	335	1	0	0	0	0	0	85	0	0	0	0	0	0	0	85	85	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at <http://www.epa.gov/tri/tridata>.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009: Mercury and Mercury Compounds

Facility	Off-site Disposal or Other Releases																		Total On-site and Off-site Disposal or Other Releases Pounds
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other Off-site Disposal or Other Releases													
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds			
Barrick Goldstrike Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Newmont Mining Corp Twin Creeks Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,891,468	
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,874,772	
Ruby Hill Mine	0	0	0	0	49	0	0	0	0	0	0	0	0	0	0	0	49	485,588	
Newmont Mining Corp - Carlin South Area	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	351,841	
Newmont Mining Corp - Carlin North Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310,333	
Chemical Waste Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170,007	
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134,065	
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126,007	
Merigold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93,444	
Bald Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78,424	
Clean Harbors Aragonite LLC	0	44,152	0	44,152	0	0	0	0	0	0	0	0	0	0	3,777	0	3,777	47,932	
James River Corporation Co Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39,447	0	39,447	
Kenncott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35,833	
Newmont Mining Corp Copper Canyon Facility	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	25,011	
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,421	
Occidental Chemical Corp	0	1,043	0	1,043	0	19,839	0	0	0	0	0	0	0	0	0	19,839	0	20,882	
Pioneer Americas LLC (dba Olin Chloralkali Products)	0	1,141	3	1,144	0	18,744	0	0	0	0	0	0	0	0	0	18,744	0	19,888	
Occidental Chemical Corp	0	0	0	0	96	0	0	0	0	0	0	0	0	0	0	0	0	13,503	
Hecla Green Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,511	
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,232	
Clean Harbors Environmental Services Inc	0	378	0	378	0	0	0	0	0	0	0	0	0	0	0	0	0	378	
US Ecology Nevada Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,618	
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,104	
Newmont Mining Corp Lone Tree Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,805	
Materials & Energy Corp	0	5,919	0	5,919	0	16	0	0	0	0	0	0	0	0	0	0	0	5,935	
ErcO Worldwide (USA) Inc	0	4,799	7	4,806	0	0	0	0	0	0	0	0	0	0	29	0	0	4,835	
Jerritt Canyon Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,924	
McNees Fertilizer LLC - New Wales Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,808	
U.S. DOE NERAC/ANSO Nevada Test Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,405	
Fort Knox Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,808	
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,579	
Eddystone Generating Station	0	0	3,995	3,995	0	0	0	0	0	0	0	0	0	0	0	0	0	4,070	
PPG Industries Inc	0	2,779	0	2,779	0	0	0	0	0	0	0	0	0	0	0	0	0	3,156	
International Paper - Virgilburg Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,011	
Mosaic Fertilizer LLC Barlow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,900	
Eaglepicher Technologies LLC	0	0	0	0	2,700	0	0	0	0	0	0	0	0	0	0	0	0	2,700	
Martin Lake Steam Electric Station & Lignite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,700	
Mosaic Fertilizer LLC - Riverview	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,600	
U.S. DOE Savannah River Ops	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,575	
Freeport-McMoran Morenci Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,509	
Mosaic Fertilizer LLC Uncle Sam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,289	
Horsehead Corp Monaca Smelter	0	0	30	30	0	2,188	0	0	0	0	0	0	0	0	0	0	0	2,218	
Clean Harbors El Dorado LLC	0	4	0	4	0	0	0	0	0	0	0	0	0	0	2,233	0	0	2,237	
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,164	
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,158	
American Electric Power Gavin Plant	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	2,099	
Wayne Disposal Inc	0	0	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	2,082	
RRI Energy Inc Conemaugh Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,060	
Mercury Displacement Industries Inc	0	0	0	0	0	1,891	0	0	0	0	0	0	0	0	0	0	1,891	1,976	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConsiderPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2009: Dioxin and Dioxin-like Compounds

NAICS Code Industry	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Grams	Total On-site and Off-site Disposal or Other Releases Grams		
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases													
	RCRA Subtitle C Wells Grams	RCRA Subtitle C Landfills Grams	Other On-site Landfills Grams	Subtotal Grams	Fugitive Air Emissions Grams	Point Source Air Emissions Grams	Surface Water Discharges Grams	Class II-V Wells Grams	Land Treatment Grams	Surface Impoundments Grams	Other Surface Impoundments Grams	Other Land Disposal Grams	Subtotal Grams	Other Releases Grams				
2122 Metal Mining	0.00	0.00	0.00	0.00	0.66	0.81	0.06	0.00	0.00	0.00	0.24	0.00	1.77	1.77	0.00	1.77		
2211 Electric Utilities	0.00	0.00	7.15	7.15	1.00	405.63	0.00	0.00	0.00	0.00	0.18	0.00	406.81	413.96	2.18	416.14		
311/312 Food/Beverages/Tobacco	0.00	0.00	0.00	0.00	0.00	17.17	0.00	0.00	0.19	0.00	0.00	0.00	17.36	17.36	0.13	17.49		
321 Wood Products	0.00	0.00	0.38	0.38	1.60	9.99	150.69	0.07	0.03	0.00	0.05	162.43	162.81	428.11	590.92			
322 Paper	0.00	0.00	42.13	42.13	3.24	161.07	53.99	0.00	11.09	0.03	43.11	7.70	280.23	322.36	301.20	623.56		
324 Petroleum	0.93	0.00	0.05	0.98	0.82	21.18	4.67	0.00	7.27	0.00	0.01	0.00	33.95	34.93	35.43	70.36		
325 Chemicals	0.09	371.83	9,816.10	10,188.02	1.88	142.14	1,375.87	94.16	0.00	0.00	360.77	0.00	1,974.82	12,162.84	11,040.09	23,202.93		
326 Plastics and Rubber	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.23	0.37		
327 Stone/Clay/Glass	0.00	0.00	0.00	0.00	0.00	4.16	0.00	0.00	0.00	0.00	0.00	0.00	2.68	6.84	6.84	7.31		
32731 Cement	0.00	0.00	86.96	86.96	0.38	85.06	0.00	0.00	0.00	0.00	0.00	0.02	85.46	172.42	0.00	172.42		
331 Primary Metals	0.00	1.30	147.73	149.03	15.79	213.06	0.00	0.00	0.00	0.00	4,332.90	0.00	4,561.75	4,710.78	1,675.26	6,386.04		
332 Fabricated Metals	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.03		
333 Machinery	0.00	0.00	0.00	0.00	1.21	1.18	0.00	0.00	0.00	0.00	0.00	0.00	2.39	2.39	0.00	2.39		
335 Electrical Equipment	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.09		
336 Transportation Equipment	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.09		
337 Furniture	0.00	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.00	1.35		
4247 Petroleum Bulk Terminals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
562 Hazardous Waste Management	0.00	540.63	0.00	540.63	0.00	26.34	0.00	0.00	0.00	0.00	0.00	0.00	26.34	566.96	123.64	690.61		
No TRI NAICS Code	0.00	0.00	0.04	0.04	0.01	7.29	0.01	0.00	0.00	0.00	0.00	0.00	7.31	7.35	0.00	7.35		
Total	1.02	913.76	10,100.55	11,015.33	26.60	1,096.78	1,585.28	94.23	18.59	0.03	4,737.21	10.44	7,569.16	18,584.49	13,606.74	32,191.23		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/triprogram/FactorsToConPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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.

TRI On-site and Off-site Disposal or Other Releases, by State, 2009: Dioxin and Dioxin-like Compounds

State	On-site Disposal or Other Releases																Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On-site and Off-site Disposal or Other Releases	
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases														
	RCRA		Subtotal			Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Land Treatment	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal		
	Class I Wells	Subtitle C Landfills	Other On-site Landfills			Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams		
Alaska	0.00	0.00	0.00	0.00	0.00	0.01	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.00	0.69	0.00	0.69	
Alabama	0.00	0.00	9.72	9.72	0.09	44.30	61.37	0.00	0.13	0.00	0.33	0.24	106.45	116.17	63.23	179.41				
Arkansas	0.00	0.00	4.60	4.60	0.00	23.70	8.76	0.00	5.23	0.00	0.19	0.00	37.88	42.48	51.05	93.53				
Arizona	0.00	0.00	0.00	0.00	0.25	11.19	0.00	0.00	0.00	0.00	1.44	0.00	12.89	12.89	0.00	12.89				
California	0.00	0.00	0.00	0.00	0.12	54.48	0.98	0.00	0.00	0.00	0.00	0.00	55.58	55.58	38.46	94.03				
Colorado	0.00	0.00	0.00	0.00	0.38	5.91	0.35	0.00	0.00	0.00	0.00	0.00	6.64	6.64	0.61	7.25				
Connecticut	0.00	0.00	0.00	0.00	0.00	2.12	0.00	0.00	0.00	0.00	0.00	0.00	2.12	2.12	0.09	2.20				
Delaware	0.00	0.00	0.00	0.00	0.00	7.48	2.82	0.00	0.00	0.00	0.07	0.00	10.38	10.38	972.28	982.65				
Florida	0.00	0.00	3.11	3.11	0.00	49.03	9.09	0.00	4.70	0.00	3.67	0.00	66.48	69.59	1.85	71.45				
Georgia	0.00	0.00	3.22	3.22	0.30	29.87	11.91	0.00	0.00	0.03	62.74	5.89	110.73	113.95	0.40	114.35				
Guam	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.00	0.16				
Hawaii	0.00	0.00	0.00	0.00	0.01	3.08	0.00	0.00	0.00	0.00	0.00	0.00	3.09	3.09	1.00	4.08				
Iowa	0.00	0.00	0.00	0.00	0.00	20.65	0.00	0.00	0.00	0.00	0.00	0.00	20.65	20.65	0.00	20.65				
Idaho	0.00	0.00	0.02	0.02	0.00	1.62	0.40	0.00	0.19	0.00	0.00	0.00	2.21	2.21	8.34	10.57				
Illinois	0.00	1.24	0.00	1.24	0.00	27.74	0.04	0.00	0.00	0.00	0.00	0.00	27.78	29.02	72.50	101.52				
Indiana	0.00	0.00	83.71	83.71	0.02	38.88	0.01	0.00	0.00	0.00	0.00	0.00	38.91	122.62	67.17	189.79				
Kansas	0.00	0.00	0.00	0.00	0.00	9.82	0.00	0.00	0.00	0.00	0.00	0.00	9.82	9.82	0.00	9.82				
Kentucky	0.00	0.00	22.64	22.64	0.67	45.90	237.47	0.00	0.00	0.00	0.17	0.00	284.21	306.84	2,136.80	2,443.64				
Louisiana	0.09	0.00	32.89	32.98	3.78	45.56	374.09	0.00	0.00	0.00	1.11	0.02	424.55	457.53	762.50	1,220.03				
Massachusetts	0.00	0.00	0.00	0.00	0.00	6.26	0.00	0.00	0.00	0.00	0.00	0.00	6.26	6.26	0.00	6.26				
Maryland	0.00	0.00	43.67	43.67	0.00	20.77	0.01	0.00	0.00	0.00	0.00	0.00	20.78	64.45	0.00	64.45				
Maine	0.00	0.00	0.81	0.81	0.00	12.41	0.18	0.00	0.00	0.00	0.00	0.00	12.60	13.41	1.31	14.72				
Michigan	0.00	277.00	3.05	280.05	0.04	16.84	2.70	0.00	0.00	0.00	0.00	0.00	19.58	299.64	5.31	304.95				
Minnesota	0.00	0.00	0.82	0.82	13.30	24.04	0.00	0.00	0.00	0.00	0.00	0.00	37.33	38.15	578.06	616.21				
Missouri	0.00	1.30	0.00	1.30	0.00	96.88	0.01	0.00	0.00	0.00	0.00	0.02	96.91	98.21	0.00	98.21				
Mississippi	0.00	0.00	1,341.65	1,341.65	0.03	14.68	83.99	0.00	1.03	0.00	299.18	0.00	398.90	1,740.55	141.50	1,882.05				
Montana	0.00	0.00	0.00	0.00	0.01	5.05	0.08	0.00	0.00	0.00	0.10	0.00	5.24	5.24	1.37	6.61				
North Carolina	0.00	0.00	1.95	1.95	0.00	64.17	4.91	0.00	0.00	0.00	0.00	1.54	70.63	72.57	1.22	73.80				
North Dakota	0.00	0.00	0.05	0.05	0.01	18.50	0.00	0.00	0.00	0.00	0.00	0.00	18.51	18.56	0.00	18.56				
Nebraska	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	2.82				
New Hampshire	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.46	0.00	0.46				
New Jersey	0.00	0.00	0.00	0.00	0.41	5.12	0.00	0.00	0.00	0.00	0.00	0.00	5.53	5.53	22.37	27.90				
New Mexico	0.00	0.00	0.00	0.00	0.00	3.96	0.00	0.00	0.00	0.00	0.00	0.00	3.96	3.96	0.00	3.96				
Nevada	0.00	0.00	0.00	0.00	0.22	6.98	0.00	0.00	0.00	0.00	0.00	0.00	7.21	7.21	0.00	7.21				
New York	0.00	2.24	0.03	2.28	0.08	12.31	7.15	0.00	0.00	0.00	0.00	0.00	19.54	21.82	2.79	24.61				
Ohio	0.00	0.00	1,932.97	1,932.97	0.09	28.44	0.52	0.00	0.00	0.00	0.00	0.00	2.68	31.72	1,964.70	103.69	2,068.38			
Oklahoma	0.00	3.67	5.54	9.21	0.20	8.94	0.18	0.00	0.00	0.00	5.31	0.00	14.63	23.84	36.64	60.48				
Oregon	0.00	533.48	0.76	534.24	1.48	7.05	0.22	0.00	0.00	0.00	0.00	0.00	8.75	542.99	20.97	563.96				
Pennsylvania	0.00	0.00	0.00	0.00	0.04	48.76	1.10	0.00	0.00	0.00	2.73	0.00	52.63	52.63	5.50	58.13				
Puerto Rico	0.00	0.00	0.00	0.00	0.00	14.05	0.00	0.00	0.00	0.00	0.00	0.00	14.05	14.05	14.05	14.13				
South Carolina	0.00	0.00	1.45	1.45	1.23	24.89	6.63	0.00	0.03	0.00	13.88	0.00	46.65	48.10	2.25	50.36				
South Dakota	0.00	0.00	0.00	0.00	0.00	8.18	0.00	0.00	0.00	0.00	0.00	0.00	8.18	8.18	0.00	8.18				
Tennessee	0.00	1.99	2,032.20	2,034.19	0.36	26.03	3.82	0.00	0.00	0.00	0.04	0.00	30.25	2,064.44	117.00	2,181.45				
Texas	0.93	92.84	4,563.12	4,656.89	1.09	79.67	753.68	94.16	0.00	0.00	13.16	0.05	941.81	5,598.70	7,507.42	13,106.11				
Utah	0.00	0.00	7.15	7.15	0.99	30.70	0.10	0.00	0.00	4,332.90	0.00	4,364.68	4,371.83	29.86	4,401.69					
Virginia	0.00	0.00	1.11	1.11	0.02	12.17	2.14	0.00	0.00	0.00	0.21	0.00	14.54	15.66	2.61	18.27				
Virgin Islands	0.00	0.00	0.00	0.00	0.00	1.19	1.65	0.00	0.00	0.00	0.00	0.00	2.84	2.84	0.00	2.84				
Washington	0.00	0.00	2.51	2.51	1.00	26.26	5.81	0.07	7.27	0.00	0.00	0.00	40.40	42.91	249.56	292.48				
Wisconsin	0.00	0.00	1.79	1.79	0.01	20.49	0.06	0.00	0.00	0.00	0.00	0.00	20.57	22.36	565.85	588.22				
West Virginia	0.00	0.00	0.00	0.00	0.09	9.91	3.07	0.00	0.00	0.00	0.00	0.00	13.07	13.07	35.09	48.16				
Wyoming	0.00	0.00	0.00	0.00	0.29	16.61	0.00	0.00	0.00	0.00	0.00	0.00	16.89	16.89	0.00	16.89				
Total	1.02	913.76	10,100.55	11,015.33	26.60	1,096.78	1,585.28	94.23	18.59	0.03	4,737.21	10.44	7,569.16	18,584.49	13,606.74	32,191.23				

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).

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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.

The 50 Facilities with Largest TRI On- and Off-site
Disposal or Other Releases, 2009: Dioxin and Dioxin-
like Compounds

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases												Total On-site Disposal or Other Releases Grams	
					On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases								
					Class I Wells Grams	RCRA Subtitle C Landfills Grams	Other On-site Landfills Grams	Subtotal Grams	Fugitive Air Emissions Grams	Point Source Air Emissions Grams	Surface Water Discharges Grams	Class II-V Wells Grams	RCRA Subtitle C Surface Impoundments Grams	Land Treatment Grams	Other Surface Impoundments Grams	Other Land Disposal Grams	Subtotal Grams	
Dow Chemical Co Freeport Facility	Freeport	TX	325	1	0.00	92.84	4,562.80	4,655.64	0.00	5.43	742.70	94.16	0.00	0.00	0.00	842.29	5,497.93	
US Magnesium LLC	Rowley	UT	331	1	0.00	0.00	0.00	0.00	0.12	2.88	0.00	0.00	0.00	4,332.76	0.00	4,335.76	4,335.76	
Oxy Vinyls LP La Porte VCM Plant	La Porte	TX	325	2	0.00	0.00	0.00	0.00	0.00	0.67	1.17	0.00	0.00	0.00	0.00	1.84	1.84	
GB Biosciences Corp	Houston	TX	325	1	0.00	0.00	0.00	0.00	1.01	7.43	0.06	0.00	0.00	0.00	0.00	8.50	8.50	
Westlake Vinyls Inc	Calvert City	KY	325	1	0.00	0.00	0.00	0.00	0.00	0.55	237.47	0.00	0.00	0.00	0.00	238.01	238.01	
DuPont Johnsonville Plant	New Johnsonville	TN	325	1	0.00	0.00	2,029.93	2,029.93	0.00	0.94	2.29	0.00	0.00	0.00	0.00	3.23	2,033.17	
DuPont Delisle Plant	Pass Christian	MS	325	1	0.00	0.00	1,341.54	1,341.54	0.02	1.19	0.12	0.00	0.00	0.00	0.00	1.33	1,342.88	
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	1,317.50	1,317.50	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04	1,317.54	
DuPont Edge Moor	Edgemoor	DE	325	1	0.00	0.00	0.00	0.00	0.00	0.04	2.82	0.00	0.00	0.00	0.00	2.86	2.86	
Spectro Alloys Corp	Rosemount	MN	331	1	0.00	0.00	0.00	0.00	13.28	5.84	0.00	0.00	0.00	0.00	0.00	19.12	19.12	
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	1	0.00	533.48	0.00	533.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	533.48	533.48	
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	531.67	531.67	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.02	531.69	
JL French Corp - Gateway	Sheboygan	WI	331	1	0.00	0.00	0.00	0.00	0.01	4.27	0.00	0.00	0.00	0.00	0.00	4.28	4.28	
Dow Chemical Co - Louisiana Operations	Plaquemine	LA	325	1	0.00	0.00	24.00	24.00	0.00	4.76	336.00	0.00	0.00	0.00	0.00	340.76	364.76	
Georgia Gulf Chemicals & Vinyls LLC	Plaquemine	LA	325	1	0.00	0.00	0.00	0.00	0.00	1.85	1.76	0.00	0.00	0.00	0.00	0.00	3.61	3.61
Tronox LLC	Hamilton	MS	325	1	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	299.18	299.30	299.30
Dow Chemical Co	Midland	MI	325	1	0.00	277.00	0.00	277.00	0.00	0.13	1.81	0.00	0.00	0.00	0.00	0.00	1.94	278.94
Cofixa Treating Co LLC	Pineville	LA	321	1	0.00	0.00	0.00	0.00	0.00	0.00	4.83	0.00	0.00	0.00	0.00	0.00	4.83	4.83
Occidental Chemical Corp	Gregory	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.25	3.20	0.00	0.00	0.00	0.00	0.00	3.46	3.46
Simpson Tacoma Kraft Co LLC	Tacoma	WA	322	1	0.00	0.00	0.00	0.00	0.00	0.68	2.24	0.00	0.00	0.00	0.00	0.00	2.92	2.92
Electric Mills Wood Preserving LLC	Scobie	MS	321	1	0.00	0.00	0.00	0.00	0.00	0.02	59.01	0.00	0.00	0.00	0.00	0.00	59.02	59.02
PPG Industries Inc	Westlake	LA	325	1	0.00	0.00	0.00	0.00	0.00	0.52	11.22	0.00	0.00	0.00	0.00	0.00	11.74	11.74
Formosa Plastics Corp Texas	Point Comfort	TX	325	1	0.00	0.00	0.00	0.00	0.00	2.00	4.00	0.00	0.00	0.00	0.00	0.00	6.00	6.00
JL French Corp - TYLR	Sheboygan	WI	331	1	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.98	0.98	
Aleris Specification Alloys Inc	Wabash	IN	331	1	0.00	0.00	83.11	83.11	0.00	4.63	0.00	0.00	0.00	0.00	0.00	4.63	87.74	
Imco Recycling of Ohio LLC	Uhrichsville	OH	331	1	0.00	0.00	0.00	0.00	0.00	4.27	0.00	0.00	0.00	0.00	0.00	4.27	4.27	
Lafarge NA (Including Systech Env Corp)	Paulding	OH	327310	1	0.00	0.00	82.44	82.44	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.52	82.96	
ArcelorMittal Burns Harbor LLC	Burns Harbor	IN	331	1	0.00	0.00	0.60	0.60	0.00	5.54	0.00	0.00	0.00	0.00	0.00	5.54	6.14	
Missouri Chemical Works	Louisiana	MO	325	1	0.00	0.00	0.00	0.00	0.00	68.85	0.00	0.00	0.00	0.00	0.00	68.85	68.85	
Tronox Pigments (Savannah) Inc	Savannah	GA	325	1	0.00	0.00	0.00	0.00	0.00	0.35	0.01	0.00	0.00	60.83	0.00	61.19	61.19	
DuPont Sabine River Works	Orange	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.30	0.30	
Peoria Disposal Co #1	Peoria	IL	562	1	0.00	1.24	0.00	1.24	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	1.25	
Clean Harbors El Dorado LLC	El Dorado	AR	562	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
JL French Glasgow	Glasgow	KY	331	1	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.47	0.47	
Several Sparrows Point LLC	Baltimore	MD	331	1	0.00	0.00	38.50	38.50	0.00	6.47	0.00	0.00	0.00	0.00	0.00	6.47	44.97	
Tennessee Aluminum Processors Inc	Gadsden	AL	331	1	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.52	0.52	
Weyerhaeuser NR Co - Longview	Longview	WA	322	1	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.71	0.71	
Gerda Ameristeel - Charlotte Steel Mill	Charlotte	NC	331	1	0.00	0.00	0.00	0.00	0.00	40.93	0.00	0.00	0.00	0.00	0.00	40.93	40.93	
MD Recycling Inc	Midway	TN	331	1	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.40	0.40	
Aleris Recycling Inc	Sapulpa	OK	331	1	0.00	0.00	0.00	0.00	0.00	1.92	0.00	0.00	0.00	0.00	0.00	1.92	1.92	
Cascade Tissue Group - Wisconsin Inc	Eau Claire	WI	322	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lehigh Southwest Cement Co	Tehachapi	CA	327310	1	0.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00	0.00	0.00	0.00	36.00	36.00	
Western Zirconium	Ogden	UT	331	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	
Shell Chemical LP	Deer Park	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.90	0.90	
Light Metals Inc	City of Industry	CA	331	1	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.06	0.06	
Tennessee Aluminum Processors Inc	Mount Pleasant	TN	331	1	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.33	0.33	
Cahaba Pressure Treated Forest Products Inc	Brierfield	AL	321	1	0.00	0.00	0.00	0.00	0.00	0.06	27.00	0.00	0.00	0.00	0.00	0.00	27.06	27.06
Formosa Plastics Corp Louisiana	Baton Rouge	LA	325	1	0.00	0.00	0.00	0.00	0.00	16.76	9.00	0.00	0.00	0.00	0.00	0.00	25.76	25.76
Tristar Aluminum Co LP	Alexandria	TN	331	1	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.08	0.08	
Aleris Recycling Inc	Morgantown	KY	331	1	0.00	0.00	22.64	22.64	0.00	1.19	0.00	0.00	0.00	0.00	0.00	1.19	23.83	

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/FactorsToConsiderPDF.pdf.

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65). Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2009: Dioxin and Dioxin-like Compounds

Facility	Off-site Disposal or Other Releases																			Total On-site and Off-site Disposal or Other Releases								
	Wastewater										Other Off-site Disposal or Other Releases																	
	RCRA Subtitle C Landfills				Storage Only				Solidification/Stabilization (Metals and Metal Category Compounds)		Treatment (Excluding POTWs) (Metals and Metal Category Compounds)		Transfers to POTWs (Metals and Metal Category Compounds)		RCRA Subtitle C Surface Impoundments		Other Surface Impoundments		Land Treatment		Other Land Disposal		Other Off-site Management		Transfers to Waste Broker for Disposal		Unknown Grams	Subtotal Grams
Dow Chemical Co Freeport Facility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,497.93		
US Magnesium LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,335.76		
Oxy Vinyls La Porte VCM Plant	0.00	0.00	4,112.71	4,112.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,114.55		
GB Biosciences Corp	1.81	2,934.64	19.94	2,956.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,956.39		
Westlake Vinyls Inc	0.00	0.00	2,082.70	2,082.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,082.70		
DuPont Johnsonville Plant	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2,033.17		
DuPont Delisle Plant	0.00	0.00	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,343.18		
Millennium Inorganic Chemicals A Cristal Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,317.54		
DuPont Edge Moor	0.00	0.00	972.28	972.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	972.28		
Spectro Alloys Corp	0.00	0.00	577.83	577.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	577.83		
Chemical Waste Management of the Northwest Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	533.48		
Millennium Inorganic Chemicals A Cristal Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	531.69		
JL French Corp - Gateway	0.00	0.00	427.98	427.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	427.98		
Dow Chemical Co - Louisiana Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	364.76		
Georgia Gulf Chemicals & Vinyls LLC	0.00	146.90	198.05	344.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.82	4.82	349.77	353.38				
Tronox LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	299.30		
Dow Chemical Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	278.94		
Cofax Treating Co LLC	0.00	0.00	263.42	263.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	263.42		
Occidental Chemical Corp	0.00	226.97	0.21	227.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	227.18		
Simpson Tacoma Kraft Co LLC	0.00	13.60	177.87	191.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	191.47		
Electric Mills Wood Preserving LLC	0.00	0.00	135.24	135.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.24		
PPG Industries Inc	0.00	114.32	0.00	114.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.32		
Formosa Plastics Corp Texas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.00		
JL French Corp - TYLR	0.00	0.00	98.28	98.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.28		
Aleris Specification Alloys Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.74		
Imco Recycling of Ohio LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.35		
Lafarge NA (Including Systech Env Corp)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.96		
Arcelormittal Burns Harbor LLC	0.00	0.00	63.60	63.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.60		
Missouri Chemical Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.85		
Tronox Pigments (Savannah) Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.19		
DuPont Sabine River Works	0.00	58.52	0.00	58.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.52		
Pearla Disposal Co #1	0.00	0.00	53.90	53.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.90		
Clean Harbors El Dorado LLC	0.00	54.50	0.00	54.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.50		
JL French Glasgow	0.00	0.00	46.74	46.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.74		
Severstal Sparrows Point LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.97		
Tennessee Aluminum Processors Inc	0.00	0.00	43.76	43.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.76		
Weyerhaeuser NR Co - Longview	0.00	0.00	42.99	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.99		
Gerdau Ameristeel - Charlotte Steel Mill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.93		
MD Recycling Inc	0.00	0.00	39.21	39.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.21		
Aleris Recycling Inc	0.00	0.00	36.64	36.64	0.00	0.00	0.00	0.00	0.																			