

11/17/11

**TRI On-site and Off-site Disposal or Other Releases, 2010**

	<b>Number</b>	
Total Facilities	20,904	
Total Forms	79,394	
Form Rs	70,327	
Form As	9,067	
	<b>Pounds</b>	<b>Percent</b>
<b>On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C</b>		
<b>Landfills, and Other Landfills</b>	<b>551,919,218</b>	<b>14.0</b>
Class I Wells	201,233,509	5.1
RCRA Subtitle C Landfills	67,374,365	1.7
Other On-site Landfills	283,311,344	7.2
<b>Other On-site Disposal or Other Releases</b>	<b>2,967,626,219</b>	<b>75.5</b>
Total Air	859,978,986	21.9
Fugitive Air Emissions	145,781,584	3.7
Point Source Air Emissions	714,197,402	18.2
Surface Water Discharges	226,211,515	5.8
Class II-V Wells	27,570,334	0.7
Land Treatment	15,047,377	0.4
RCRA Subtitle C Surface Impoundments	2,642,804	0.1
Other Surface Impoundments	831,572,878	21.2
Other Land Disposal	1,004,602,325	25.6
<b>Total On-site Disposal or Other Releases</b>	<b>3,519,545,438</b>	<b>89.6</b>
<b>Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C</b>		
<b>Landfills, and Other Landfills</b>	<b>260,282,616</b>	<b>6.6</b>
Class I Wells	6,871,087	0.2
RCRA Subtitle C Landfills	37,481,580	1.0
Other Landfills	215,929,949	5.5
<b>Other Off-site Disposal or Other Releases</b>	<b>149,498,476</b>	<b>3.8</b>
Storage Only	8,109,087	0.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	52,671,422	1.3
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds O	2,847,561	0.1
Transfers to POTWs (Metals and Metal Category Compounds Only)	836,053	0.0
Class II-V Wells	113,253	0.0
RCRA Subtitle C Surface Impoundments	344,325	0.0
Other Surface Impoundments	4,039,941	0.1
Land Treatment	9,306,050	0.2
Other Land Disposal	37,616,446	1.0
Other Off-site Management	10,847,723	0.3
Transfers to Waste Broker for Disposal	17,367,785	0.4
Unknown	5,398,831	0.1
<b>Total Off-site Disposal or Other Releases</b>	<b>409,781,092</b>	<b>10.4</b>
<b>Total On-site and Off-site Disposal or Other Releases</b>	<b>3,929,326,530</b>	<b>100.0</b>

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](http://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, 2009-2010**

	2009	2010	Change 2009-2010	
	Number	Number	Number	Percent
Total Facilities	21,302	20,904	-398	-2
Total Forms	79,879	79,394	-485	-1
Form Rs	70,813	70,327	-486	-1
Form As	9,066	9,067	1	0
<b>On-site Disposal or Other Releases</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Pounds</b>	<b>Percent</b>
<b>On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills</b>	<b>518,524,958</b>	<b>551,919,218</b>	<b>33,394,260</b>	<b>6</b>
Class I Wells	154,308,211	201,233,509	46,925,299	30
RCRA Subtitle C Landfills	83,864,445	67,374,365	-16,490,080	-20
Other On-site Landfills	280,352,303	283,311,344	2,959,041	1
<b>Other On-site Disposal or Other Releases</b>	<b>2,513,713,812</b>	<b>2,967,626,219</b>	<b>453,912,407</b>	<b>18</b>
Total Air	918,320,908	859,978,986	-58,341,922	-6
Fugitive Air Emissions	140,132,448	145,781,584	5,649,136	4
Point Source Air Emissions	778,188,460	714,197,402	-63,991,057	-8
Surface Water Discharges	206,790,739	226,211,515	19,420,776	9
Class II-V Wells	26,303,435	27,570,334	1,266,900	5
Land Treatment	17,045,857	15,047,377	-1,998,479	-12
RCRA Subtitle C Surface Impoundments	1,985,460	2,642,804	657,344	33
Other Surface Impoundments	743,410,146	831,572,878	88,162,732	12
Other Land Disposal	599,857,269	1,004,602,325	404,745,057	67
<b>Total On-site Disposal or Other Releases</b>	<b>3,032,238,771</b>	<b>3,519,545,438</b>	<b>487,306,667</b>	<b>16</b>
<b>Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills</b>	<b>231,274,134</b>	<b>260,282,616</b>	<b>29,008,482</b>	<b>13</b>
Class I Wells	6,931,950	6,871,087	-60,862	-1
RCRA Subtitle C Landfills	33,837,882	37,481,580	3,643,698	11
Other Landfills	190,504,302	215,929,949	25,425,647	13
<b>Other Off-site Disposal or Other Releases</b>	<b>125,974,755</b>	<b>149,498,476</b>	<b>23,523,721</b>	<b>19</b>
Storage Only	7,994,717	8,109,087	114,370	1
Solidification/Stabilization (Metals and Metal Category Compounds Only)	37,549,499	52,671,422	15,121,924	40
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	1,579,777	2,847,561	1,267,785	80
Transfers to POTWs (Metals and Metal Category Compounds Only)	3,173,039	836,053	-2,336,986	-74
Class II-V Wells	303,448	113,253	-190,196	-63
RCRA Subtitle C Surface Impoundments	207,143	344,325	137,181	66
Other Surface Impoundments	4,300,111	4,039,941	-260,170	-6
Land Treatment	7,826,069	9,306,050	1,479,981	19
Other Land Disposal	33,122,250	37,616,446	4,494,196	14
Other Off-site Management	8,749,177	10,847,723	2,098,547	24
Transfers to Waste Broker for Disposal	16,612,689	17,367,785	755,096	5
Unknown	4,556,837	5,398,831	841,994	18
<b>Total Off-site Disposal or Other Releases</b>	<b>357,248,889</b>	<b>409,781,092</b>	<b>52,532,203</b>	<b>15</b>
<b>Total On-site and Off-site Disposal or Other Releases</b>	<b>3,389,487,659</b>	<b>3,929,326,530</b>	<b>539,838,870</b>	<b>16</b>

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](http://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), 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.

**Total TRI On-site and Off-site Disposal or Other Releases, 2009-2010: Facilities Compared by Amount reported in 2009\***

Amount of Total Disposal or Other Releases in 2009	Facilities*		2009		2010		Change 2009-2010	
	Number	Percent of Total	Pounds	Pounds	Pounds	Percent		
Zero total disposal or other releases in both 2009 and 2010	3,524	18	0	0	0	--		
>0 and <10,000 pounds in 2009	10,782	55	17,827,764	36,124,590	36,124,590	203		
>=10,000 and <100,000 pounds in 2009	3,393	17	113,322,023	134,479,386	21,157,363	19		
Less than 100,000 pounds in 2009	17,699	90	131,149,787	170,603,976	39,454,188	30		
>=100,000 pounds in 2009	2,003	10	2,555,614,095	2,627,582,709	71,968,614	3		
Subtotal**	19,702	99.98	2,686,763,882	2,798,186,685	111,422,802	4		
Change >>100,000,000 pounds from 2009-2010	3	0.02	705,928,609	1,154,698,353	448,769,744	64		
Total for Facilities Reporting in both 2009 and 2010	19,705	100	3,392,692,492	3,952,885,038	560,192,546	17		

\* Includes only facilities reporting in both 2009 and 2010. Facilities grouped into size categories according to total disposal or other releases reported for 2009 and then compared to amount reported for 2010. Amounts for 2009 and 2010 are for same group of facilities.

\*\* Subtotal does not include 3 facilities that reported change from 2009-2010 of more than 100,000,000 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](http://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, 2001-2010**

	2001 Number	2002 Number	2003 Number	2004 Number	2005 Number	2006 Number	2007 Number	2008 Number	2009 Number	2010 Number	Change 2001-2010 Number Percent
	Pounds										
Total Facilities	25,901	25,248	24,710	24,494	24,308	23,802	23,173	22,483	21,302	20,904	-4,997 -19
Total Forms	96,760	94,345	92,561	92,111	91,830	90,554	88,322	85,813	79,879	79,394	-17,366 -18
Form Rs	84,146	82,301	80,934	80,924	80,747	77,919	76,230	76,025	70,813	70,327	-13,819 -16
Form As	12,614	12,044	11,627	11,187	11,083	12,635	12,092	9,788	9,066	9,067	-3,547 -28
<b>On-site Disposal or Other Releases</b>											
Total Air Emissions	1,630,789,528	1,614,971,594	1,586,650,408	1,540,046,956	1,519,151,545	1,416,098,350	1,332,103,915	1,151,544,817	918,320,908	859,978,986	-770,810,542 -47
Fugitive Air	211,925,382	200,454,979	199,136,877	197,093,669	194,406,193	184,493,047	176,077,256	167,534,098	140,132,448	145,781,584	-66,143,798 -31
Stack Air	1,418,864,146	1,414,516,615	1,387,513,531	1,342,953,287	1,324,745,352	1,231,605,303	1,156,026,659	984,010,719	778,188,460	714,197,402	-704,666,744 -50
Surface Water Discharges	243,227,600	243,354,219	230,830,519	253,284,810	257,747,712	253,008,491	241,764,491	249,884,840	206,790,739	226,211,515	-17,016,086 -7
Underground Injection	215,649,594	227,038,336	229,183,906	238,165,383	235,775,608	224,124,211	210,255,875	192,279,439	180,611,645	228,803,844	13,154,250 6
Underground Injection Class I	193,645,890	206,515,351	207,215,071	210,449,916	215,600,149	204,040,833	188,750,219	174,084,045	154,308,211	201,233,509	7,587,620 4
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	27,570,334	5,566,630 25
On-site Land	2,999,386,490	2,176,347,556	1,912,801,978	1,701,509,311	1,831,970,729	1,907,802,924	1,788,308,979	1,795,992,402	1,726,515,479	2,204,551,093	-794,835,397 -26
RCRA Subtitle C Landfills	173,529,238	155,490,620	193,834,586	148,681,194	159,303,983	153,984,597	154,248,816	127,530,741	83,864,445	67,374,365	-106,154,873 -61
Other On-site Landfills	311,002,955	267,183,810	267,968,780	269,274,079	269,773,684	264,845,655	270,356,307	282,211,568	280,352,303	283,311,344	-27,691,611 -9
Land Treatment	17,213,415	24,275,256	18,133,834	21,498,389	23,702,193	27,052,885	22,069,609	24,752,077	17,045,857	15,047,377	-2,166,038 -13
Surface Impoundments	973,831,687	771,594,855	822,562,932	719,611,904	782,289,163	823,616,906	769,290,892	739,839,323	745,395,606	834,215,682	-139,616,005 -14
Other Land Disposal	1,523,809,195	957,803,015	610,301,846	542,443,745	596,901,706	638,302,880	572,343,355	621,658,693	599,857,269	1,004,602,325	-519,206,869 -34
<b>Total On-site Disposal or Other Releases</b>	<b>5,089,053,213</b>	<b>4,261,711,705</b>	<b>3,959,466,811</b>	<b>3,733,006,460</b>	<b>3,844,645,594</b>	<b>3,801,033,977</b>	<b>3,572,433,259</b>	<b>3,389,701,498</b>	<b>3,032,238,771</b>	<b>3,519,545,438</b>	<b>-1,569,507,775 -31</b>
<b>Off-site Disposal or Other Releases</b>											
Storage Only	5,933,124	9,118,074	5,899,198	7,938,861	5,555,600	6,548,940	5,165,777	7,931,879	7,794,717	8,109,087	2,175,963 37
Solidification/Stabilization (Metals and Metal Category Compounds Only)	64,264,672	96,528,574	78,271,080	62,546,689	59,098,390	91,778,037	88,379,665	47,601,314	37,549,499	52,671,422	-11,593,250 -18
Wastewater Treatment-Metals and Metal Category Compounds Only	3,706,912	3,505,751	2,248,782	2,155,947	6,093,172	2,330,495	3,009,413	2,446,016	1,579,777	2,847,561	-859,351 -23
Transfers to POTWs Metal and Metal Category Compounds	1,955,734	1,652,273	1,608,721	1,388,095	1,597,214	1,641,212	1,760,997	1,054,209	3,173,039	836,053	-1,119,681 -57
Underground Injection	15,432,007	8,592,674	6,696,886	10,966,752	11,489,762	11,869,543	11,914,964	9,506,894	7,235,398	6,984,340	-8,447,667 -55
Landfill/Surface Impoundments	337,020,106	278,084,921	310,502,964	325,835,488	338,860,015	335,021,402	355,284,926	322,360,018	228,849,438	257,795,794	-79,224,312 -24
Land Treatment	7,384,171	10,091,776	9,468,658	8,945,034	10,676,613	7,172,258	8,557,256	9,633,031	7,826,069	9,306,050	1,921,878 26
Other Land Disposal	28,741,867	42,339,916	32,422,004	41,240,395	47,743,943	34,969,010	37,708,659	46,518,675	33,122,250	37,616,446	8,874,579 31
Other Off-Site Management	16,078,412	15,140,472	14,563,725	14,189,561	16,544,412	16,101,138	19,166,781	11,580,234	8,749,177	10,847,723	-5,230,688 -33
Waste Broker	12,068,380	12,948,731	15,686,539	17,525,744	16,291,669	14,372,257	12,315,929	20,524,875	16,612,689	17,367,785	5,299,405 44
Unknown	3,842,603	5,953,856	4,876,505	5,589,017	5,683,927	6,391,226	6,572,382	6,472,294	4,556,837	5,398,831	1,556,228 40
<b>Total Off-site Disposal or Other Releases</b>	<b>496,427,988</b>	<b>483,957,019</b>	<b>482,245,063</b>	<b>498,321,582</b>	<b>519,634,717</b>	<b>528,195,518</b>	<b>549,836,749</b>	<b>485,629,438</b>	<b>357,248,889</b>	<b>409,781,092</b>	<b>-86,646,896 -17</b>
<b>Total On- and Off-site Disposal or Other Releases</b>	<b>5,585,481,201</b>	<b>4,745,668,724</b>	<b>4,441,711,874</b>	<b>4,231,328,042</b>	<b>4,364,280,311</b>	<b>4,329,229,495</b>	<b>4,122,270,008</b>	<b>3,875,330,936</b>	<b>3,389,487,659</b>	<b>3,929,326,530</b>	<b>-1,656,154,671 -30</b>

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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).

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.

**Total TRI On-site and Off-site Disposal or Other Releases, 2001-2010: Facilities Compared by Amount reported in 2001\***

Amount of Total Disposal or Other Releases in 2001	Facilities*		2001		2010		Change 2001-2010	
	Number	Percent of Total	Pounds	Pounds	Pounds	Percent		
Zero total disposal or other releases in both 2001 and 2010	1,787	12	0	0	0	--		
>0 and <10,000 pounds in 2001	7,559	50	13,607,606	63,878,584	50,270,978	369		
>=10,000 and <100,000 pounds in 2001	3,547	23	129,283,031	145,108,438	15,825,408	12		
Less than 100,000 pounds in 2001	12,893	85	142,890,637	208,987,022	66,096,386	46		
>=100,000 pounds in 2001	2,361	15	4,671,324,752	2,625,178,970	-2,046,145,782	-44		
Subtotal**	15,254	99.99	4,814,215,388	2,834,165,992	-1,980,049,397	-41		
Change >>100,000,000 pounds from 2001-2010	2	0.01	432,012,874	985,522,893	553,510,019	128		
Total for Facilities Reporting in both 2001 and 2010	15,256	100	5,246,228,262	3,819,688,885	-1,426,539,377	-27		

\* Includes only facilities reporting in both 2001 and 2010. Facilities grouped into size categories according to total disposal or other releases reported for 2001 and then compared to amount reported for 2010. Amounts for 2001 and 2010 are for same group of facilities.

\*\* Subtotal does not include 2 facilities that reported change from 2001-2010 of more than 100,000,000 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](http://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, 1998-2010

	1998 Pounds	1999 Pounds	2000 Pounds	2001 Pounds	2002 Pounds	2003 Pounds	2004 Pounds	2005 Pounds	2006 Pounds	2007 Pounds	2008 Pounds	2009 Pounds	2010 Pounds	Change 1998-2010 Pounds
Total Air Emissions	2,042,000,290	2,003,050,917	1,885,243,370	1,626,068,936	1,611,500,522	1,583,354,544	1,537,061,464	1,516,148,231	1,413,328,691	1,329,662,581	1,149,541,432	916,716,642	858,206,879	-1,183,794,411
Fugitive Air	286,186,789	260,640,921	238,642,035	211,259,717	199,797,484	198,608,696	196,636,545	193,975,432	184,078,751	175,628,072	167,174,101	139,844,570	145,361,272	+140,825,517
Stack Air	1,755,813,501	1,742,418,996	1,646,601,334	1,414,809,219	1,411,703,038	1,384,745,848	1,340,424,918	1,322,172,799	1,229,249,940	1,154,034,509	982,367,331	776,872,072	712,844,607	-1,042,968,894
Surface Water Discharges	255,879,535	270,481,876	269,181,780	242,422,606	242,638,870	229,852,055	252,483,922	257,169,746	252,467,195	241,133,611	248,504,262	206,135,137	226,660,698	-30,218,837
Underground Injection	258,022,345	250,244,399	269,623,166	208,495,360	218,753,986	220,490,037	228,011,930	228,693,793	215,950,349	201,472,327	184,630,121	169,762,962	217,767,414	+40,254,928
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	214,306,441	202,573,274	187,147,744	172,498,601	152,205,910	199,226,407	-32,733,254
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	18,541,007	-7,521,674
On-site Land	3,782,181,367	3,945,779,562	3,319,467,811	2,532,331,044	1,768,317,141	1,446,119,104	1,243,090,711	1,349,125,198	1,399,976,087	1,282,290,932	1,298,379,908	1,315,833,904	1,581,727,811	-2,200,453,556
RCRA Subtitle C Landfills	190,672,832	185,788,028	229,655,015	149,317,122	136,361,371	144,402,808	123,546,981	140,999,081	135,906,213	136,708,049	109,288,835	64,771,513	51,590,878	-139,081,954
Other On-site Landfills	261,168,838	242,472,155	275,550,899	274,022,288	229,949,457	219,790,364	230,024,314	231,877,521	235,429,893	241,328,992	252,620,937	256,399,842	254,718,474	-6,450,364
Land Treatment	9,719,050	11,022,047	15,815,309	15,884,433	22,562,273	17,293,192	20,245,898	22,415,757	25,727,407	20,647,074	23,030,298	16,411,004	14,313,487	4,594,437
Surface Impoundments	1,289,182,706	1,133,430,002	962,779,797	800,778,067	631,228,041	665,543,816	579,845,911	622,477,428	646,440,110	593,994,447	588,904,368	606,264,112	657,264,971	-631,917,735
Other Land Disposal	2,031,437,941	2,373,067,330	1,835,666,191	1,292,324,133	748,215,999	399,088,925	289,427,613	331,355,411	356,472,464	289,612,369	324,534,469	371,987,434	603,840,001	-1,427,597,940
<b>Total On-site Disposal or Other Releases</b>	<b>6,338,083,534</b>	<b>6,469,565,754</b>	<b>5,743,516,126</b>	<b>4,609,317,947</b>	<b>3,841,210,519</b>	<b>3,479,815,741</b>	<b>3,260,648,027</b>	<b>3,351,136,968</b>	<b>3,281,722,322</b>	<b>3,054,559,451</b>	<b>2,881,055,724</b>	<b>2,608,448,645</b>	<b>2,883,361,802</b>	<b>-3,454,721,732</b>
<b>Off-site Disposal or Other Releases</b>														
Storage Only	7,979,119	6,929,231	8,789,475	5,266,238	8,070,277	5,044,965	7,153,418	4,663,797	5,812,559	4,266,422	7,289,439	7,337,246	7,507,987	-471,132
Solidification/Stabilization (Metals and Metal Category Compounds Only)	41,128,208	42,382,770	43,823,731	60,029,417	89,487,651	70,464,177	55,545,505	49,657,009	82,421,872	80,549,795	42,980,249	32,902,048	49,140,896	8,012,689
Wastewater Treatment-Metals and Metal Category Compounds Only														
Transfers to POTW's Metal and Metal Category Compounds	3,074,133	6,094,876	7,009,732	3,608,681	3,196,886	1,919,472	2,047,232	2,917,062	2,268,941	2,975,717	2,197,643	1,499,918	2,781,161	-292,073
3,179,716	2,407,320	2,480,056	1,895,070	1,590,559	1,558,477	1,945,269	1,590,965	1,602,632	1,787,086	1,019,875	3,134,145	795,121	-2,384,584	
Underground Injection	8,275,951	23,281,462	20,321,953	15,389,953	8,468,959	6,637,022	10,892,655	11,393,046	11,826,045	11,867,194	9,455,809	7,175,556	6,360,398	-1,315,553
Landfill/Surface Impoundments	268,614,897	273,072,112	295,760,889	307,518,103	254,833,050	289,259,889	305,674,794	319,103,504	316,353,002	320,375,023	302,711,074	212,415,768	237,767,854	-30,847,044
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	9,122,235	7,423,695	8,937,029	6,722,030
Other Land Disposal	27,221,859	24,848,296	23,131,825	27,207,022	36,452,655	30,618,976	38,903,769	44,329,485	32,643,493	35,486,101	43,657,130	30,891,265	35,111,034	7,889,175
Other Off-Site Management	17,870,174	24,431,412	16,368,257	14,425,962	13,724,314	13,330,604	12,545,641	14,795,744	14,650,712	17,460,831	9,540,135	7,599,683	10,058,557	-7,811,617
Waste Broker	14,453,649	13,024,301	14,773,446	9,973,745	11,036,645	13,817,535	15,348,281	13,908,533	12,265,332	11,040,239	19,125,370	14,900,975	15,683,390	1,229,741
Unknown	3,564,448	4,236,967	6,379,091	3,037,637	5,041,228	4,414,176	5,140,100	4,847,893	5,765,530	6,464,823	6,388,178	4,492,425	5,304,459	1,740,011
<b>Total Off-site Disposal or Other Releases</b>	<b>397,577,153</b>	<b>425,250,407</b>	<b>444,368,244</b>	<b>455,639,682</b>	<b>441,280,340</b>	<b>446,125,019</b>	<b>462,979,155</b>	<b>477,470,173</b>	<b>492,525,088</b>	<b>509,328,534</b>	<b>453,488,727</b>	<b>329,772,722</b>	<b>380,047,885</b>	<b>-17,529,268</b>
<b>Total On- and Off-site Disposal or Other Releases</b>	<b>6,735,660,687</b>	<b>6,894,816,162</b>	<b>6,187,884,370</b>	<b>5,064,957,629</b>	<b>4,282,490,859</b>	<b>3,925,940,760</b>	<b>3,723,627,181</b>	<b>3,828,607,141</b>	<b>3,774,247,410</b>	<b>3,563,887,985</b>	<b>3,334,544,451</b>	<b>2,938,221,367</b>	<b>3,263,409,687</b>	<b>-3,472,251,000</b>

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](http://www.epa.gov/tri/program/FactorsToConsiderPDF.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 (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 (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, 1988, 1998, 2008 and 2009-2010**

	1988	1998	2008	2009	2010	Change 1988-2010	
	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	19,315	19,037	15,497	14,605	14,393	-4,922	-25.5
Total Forms	55,956	55,894	46,564	43,280	43,187	-12,769	-22.8
<b>On-site Disposal or Other Releases</b>							
Total Air Emissions	2,036,235,844	880,263,366	386,739,950	318,518,623	331,064,837	-1,705,171,007	-83.7
Fugitive Air Emissions	637,263,533	196,987,484	115,986,985	98,383,877	102,126,339	-535,137,194	-84.0
Point Source Air Emissions	1,398,972,311	683,275,881	270,752,965	220,134,746	228,938,498	-1,170,033,813	-83.6
Surface Water Discharges	41,572,731	18,528,645	12,155,203	10,517,320	12,285,663	-29,287,068	-70.4
Underground Injection	161,652,002	114,064,950	87,937,103	76,827,167	98,263,798	-63,388,204	-39.2
On-site Land	378,956,569	329,400,609	174,048,597	144,276,776	173,435,967	-205,520,602	-54.2
<b>Total On-site Disposal or Other Releases</b>	<b>2,618,417,146</b>	<b>1,342,257,569</b>	<b>660,880,853</b>	<b>550,139,886</b>	<b>615,050,265</b>	<b>-2,003,366,881</b>	<b>-76.5</b>
<b>Off-site Disposal or Other Releases</b>							
Storage Only	13,392,664	5,164,659	4,528,172	4,190,999	4,501,972	-8,890,692	-66.4
Solidification/Stabilization (Metals and Metal Category Compounds Only)	25,747,286	122,411,600	54,689,126	33,513,077	49,458,024	23,710,738	92.1
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	3,986,292	3,046,671	3,609,934	3,047,762	4,479,971	493,679	12.4
Transfers to POTWs (Metals and Metal Category Compounds Only)	7,495,656	2,957,739	1,009,631	3,122,176	782,038	-6,713,618	-89.6
Underground Injection	8,362,149	8,728,645	17,831,017	11,078,772	13,374,136	5,011,987	59.9
Landfills/Surface Impoundments	242,973,056	209,044,233	292,247,221	173,583,360	184,709,939	-58,263,117	-24.0
Land Treatment	2,218,481	514,928	1,551,495	2,365,312	2,873,223	654,742	29.5
Other Land Disposal	9,156,695	12,986,892	8,831,723	6,537,823	6,023,372	-3,133,323	-34.2
Other Off-site Management	62,534,834	8,490,269	4,554,166	4,164,595	5,156,322	-57,378,512	-91.8
Transfers to Waste Broker for Disposal	44,828	11,900,628	8,882,590	5,839,159	7,172,852	7,128,024	15,900.8
Unknown	8,985,214	3,053,509	3,832,456	2,672,338	3,303,915	-5,681,299	-63.2
<b>Total Off-site Disposal or Other Releases</b>	<b>384,897,155</b>	<b>388,299,773</b>	<b>401,567,532</b>	<b>250,115,372</b>	<b>281,835,762</b>	<b>-103,061,392</b>	<b>-26.8</b>
<b>Total On-site and Off-site Disposal or Other Releases</b>	<b>3,003,314,301</b>	<b>1,730,557,343</b>	<b>1,062,448,385</b>	<b>800,255,258</b>	<b>896,886,028</b>	<b>-2,106,428,273</b>	<b>-70.1</b>

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](http://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, 2010

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	5,043,623	5,043,623	597,226	50,281	645,807	28,612	2,258,028	0	913,635	936,449	5,430,036	10,473,659	9,507	10,483,166			
2122 Metal Mining	0	0	1,241,387	1,241,387	1,694,169	1,643,786	1,861,654	27,480,951	3,041	2,235,306	659,312,224	924,772,347	1,619,003,478	1,620,244,865	2,235,884	1,622,500,749			
2211 Electric Utilities	2,921	0	181,250,795	181,253,717	1,195,083	311,750,386	3,366,908	4	1,828,760	101,907	113,541,865	9,684,884	441,469,798	622,723,514	74,761,240	697,484,755			
311/312 Food/Beverages/Tobacco	172,580	0	119,902	292,482	15,327,722	27,805,339	79,389,735	7,798	9,063,910	160,607	94,140	1,271,217	133,120,467	133,412,949	10,295,568	143,708,517			
313/314 Textiles	0	0	128	128	190,539	1,282,199	463,095	0	95,373	0	121,349	2,402	2,154,957	2,155,085	566,029	2,721,114			
315 Apparel	0	0	0	0	1,682	1,310	0	0	0	0	0	0	2,992	2,992	16,308	19,300			
316 Leather	538	0	0	538	39,738	198,409	5,861	0	0	0	0	51,280	295,288	295,826	362,202	658,028			
321 Wood Products	0	438	183,103	183,540	1,311,041	6,359,454	17,452	0	6,195	0	264	6,706	7,701,112	7,884,653	561,113	8,445,766			
322 Paper	0	26,220	15,444,710	15,470,930	29,655,529	103,943,204	17,023,271	0	1,054,780	58,844	3,361,646	167,398	155,264,673	170,735,603	7,271,130	178,006,733			
323/51 Printing and Publishing	0	0	0	0	5,667,344	4,565,365	302	0	0	0	0	0	10,233,010	10,233,010	210,313	10,443,323			
324 Petroleum	2,487,258	46	2,310	2,489,614	10,416,998	25,573,370	21,435,498	13,424	92,244	46,993	19,107	67,424	57,665,057	60,154,671	5,049,268	65,203,940			
325 Chemicals	185,258,852	466,594	29,992,517	215,717,964	45,688,629	115,941,576	35,890,218	12,582	411,994	28,174	19,207,880	16,396,944	233,577,997	449,295,961	52,474,843	501,770,803			
326 Plastics and Rubber	0	1,746	3,585	5,331	5,298,794	22,769,603	149,473	0	493	0	21,157	3,923	28,243,443	28,248,774	7,080,220	35,328,994			
327 Stone/Clay/Glass	1,930	325	211,325	213,580	830,816	15,459,420	3,694,511	0	262	1	35,240	394,956	20,415,207	20,628,788	2,851,515	23,480,302			
32731 Cement	0	1	1,161,229	1,161,230	53,759	3,935,952	2,092	0	0	0	30	5,284	3,997,117	5,158,347	102,758	5,261,105			
331 Primary Metals	911,848	2,349,580	38,336,479	41,597,906	5,950,196	28,544,148	43,741,772	5	124	0	30,228,981	40,848,053	149,313,278	190,911,184	177,788,791	368,699,975			
332 Fabricated Metals	0	14	4,260	4,274	6,345,068	14,038,790	1,648,542	0	8,035	0	198	67,756	22,108,388	22,112,662	18,437,451	40,550,113			
333 Machinery	0	1	14,635	14,636	1,245,217	1,508,985	30,014	3	832	0	0	16,991	2,802,042	2,816,678	2,015,314	4,831,992			
334 Computers/Electronic Products	0	0	0	0	169,768	1,119,272	1,747,306	0	0	0	5	403	3,036,754	3,036,754	2,239,613	5,276,367			
335 Electrical Equipment	0	0	26,462	26,462	395,106	1,140,854	3,854	0	0	0	3,111	16,557	1,559,492	1,585,943	4,035,318	5,621,262			
336 Transportation Equipment	0	33,635	106,022	139,657	9,330,584	17,574,953	65,645	0	0	0	1	69,033	27,040,217	27,179,874	7,244,977	34,424,851			
337 Furniture	0	0	0	0	604,902	3,563,006	16	0	474	0	0	0	4,168,398	4,168,398	68,033	4,236,431			
339 Miscellaneous Manufacturing	0	0	0	0	508,999	2,588,220	3,522	0	11	0	0	1,500	3,102,252	3,102,252	780,172	3,882,424			
4246 Chemical Wholesalers	0	0	0	0	1,014,724	390,808	111	0	0	0	0	41	1,405,685	1,405,685	211,300	1,616,964			
4247 Petroleum Bulk Terminals	0	0	0	0	1,300,073	993,408	6,626	0	295	0	1,005	1,059	2,302,466	2,302,466	77,162	2,379,628			
562 Hazardous Waste Management	12,397,582	64,391,349	5,652,237	82,441,168	215,941	222,753	29,695	0	0	7,110	3,819,121	452,962	4,747,582	87,188,750	31,138,936	118,327,686			
No TRI NAICS Code	0	104,416	4,516,635	4,621,051	731,937	1,232,552	14,988,535	26,956	222,526	3,862	891,917	9,366,757	27,465,043	32,086,094	1,876,127	33,962,221			
Total	201,233,509	67,374,365	283,311,344	551,919,218	145,781,584	714,197,402	226,211,515	27,570,334	15,047,377	2,642,804	831,572,878	1,004,602,325	2,967,626,219	3,519,545,438	409,781,092	3,929,326,530			

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](http://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, 2010: 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 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 Impoundments Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Other Releases Pounds							
2122 Metal Mining	0	0	1,241,387	1,241,387	1,694,169	1,643,786	1,861,654	27,480,951	3,041	2,235,306	659,312,224	924,772,347	1,619,003,478	1,620,244,865	2,306,579	1,622,551,444					
2211 Electric Utilities	2,921	0	181,250,795	181,253,717	1,195,083	311,750,386	3,366,908	4	1,828,760	101,907	113,541,865	9,684,884	441,469,798	622,723,514	79,647,611	702,371,125					
325 Chemicals	185,258,852	466,594	29,992,517	215,717,964	45,688,629	115,941,576	35,890,218	12,582	411,994	28,174	19,207,880	16,396,944	233,577,997	449,295,961	63,367,960	512,663,921					
331 Primary Metals	911,848	2,349,580	38,336,479	41,597,906	5,950,196	28,544,148	43,741,772	5	124	0	30,228,981	40,848,053	149,313,278	190,911,184	188,464,995	379,376,179					
322 Paper	0	26,220	15,444,710	15,470,930	29,655,529	103,943,204	17,023,271	0	1,054,780	58,844	3,361,646	167,398	155,264,673	170,735,603	7,274,846	178,010,449					
31/312 Food/Beverages/Tobacco	172,580	0	119,902	292,482	15,327,722	27,805,339	79,389,735	7,798	9,063,910	160,607	94,140	1,271,217	133,120,467	133,412,949	10,300,857	143,713,806					
562 Hazardous Waste Management	12,397,582	64,391,349	5,652,237	82,441,168	215,941	222,753	29,695	0	0	7,110	3,819,121	452,962	4,747,582	87,188,750	34,117,240	121,305,989					
324 Petroleum	2,487,258	46	2,310	2,489,614	10,416,998	25,573,370	21,435,498	13,424	92,244	46,993	19,107	67,424	57,665,057	60,154,671	5,580,971	65,735,642					
332 Fabricated Metals	0	14	4,260	4,274	6,345,068	14,038,790	1,648,542	0	8,035	0	198	67,756	22,108,388	22,112,662	20,115,049	42,227,711					
326 Plastics and Rubber	0	1,746	3,585	5,331	5,298,794	22,769,603	149,473	0	493	0	21,157	3,923	28,243,443	28,248,774	7,177,393	35,426,167					

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).

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: 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												
		Class I Wells Pounds	Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only)	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	Transfers to POTWs (Metals and Metal Category Compounds Only)	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			
331 Primary Metals	190,911,184	2,315,897	29,244,761	115,697,878	147,258,537	250,340	35,915,164	369,586	116,939	881	155,559	125,821	932,117	1,725,185	659,885	583,033	371,948	41,206,458	188,464,995	379,376,179
2211 Electric Utilities	622,723,514	655	1,023,937	32,585,801	33,610,393	3,254,332	287,496	2,113	9,652	237	3	2,387,228	1,515,167	26,980,657	3,516,894	7,935,750	147,688	46,037,217	79,647,611	702,371,125
325 Chemicals	449,295,961	8,531,001	5,465,686	19,061,383	33,058,070	3,236,292	11,337,766	3,296,071	118,675	51,037	163,596	43,253	1,275,773	1,993,414	3,492,662	2,527,304	2,773,845	30,309,890	63,367,960	512,663,921
565 Hazardous Waste Management	87,188,750	299,674	11,151,790	18,988,133	30,437,593	75,085	1,510,199	59,605	1,384	0	2,497	19,038	36	0	947,190	794,019	270,595	3,679,646	34,117,240	121,305,969
332 Fabricated Metals	22,112,662	4,547,456	1,124,927	7,604,054	13,276,437	112,603	3,047,708	404,339	71,558	42,851	14,236	65,848	224,511	192,943	580,124	1,517,046	564,843	6,838,612	20,115,049	42,227,711
311/312 Food/Beverages/Tobacco	133,412,624	0	7,088	1,961,515	1,968,603	206,577	200,166	4,362	19,494	0	2,381	1,451	3,704,208	3,815,533	3,704,791	36,072	1,783	8,332,254	10,300,857	143,413,806
334 Transportation Equipment	27,179,874	77,598	363,056	4,938,485	5,047,339	13,715	76,417	190,313	54,459	0	1,137	54,840	81,859	275,866	194,679	368,963	115,502	2,059,550	7,435,089	34,614,963
322 Paper	170,700,603	0	16,273	4,927,456	4,943,729	87,273	5,708	91,906	130,075	0	0	604,108	1,115,773	81,781	193,556	7,672	5,264	2,331,117	7,274,846	178,010,449
326 Plastics and Rubber	28,248,774	297,320	166,562	4,378,220	4,842,103	31,599	110,935	2,411	17,242	0	0	3	156,155	112,592	652,013	1,216,150	36,191	2,335,290	7,177,393	35,426,167
324 Petroleum	60,154,671	65,338	1,053,132	1,848,157	2,966,621	11,723	318,055	16,305	129,421	16,437	14	17	23,346	1,379,419	130,199	476,505	112,902	2,614,343	5,580,971	65,735,642

Note: This column 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/FactsTopPDF.pdf](http://www.epa.gov/tri/program/FactsTopPDF.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), 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 (M89) 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, 2010

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	4,365,836	11,751,109	16,116,945	7,552,740	25,842,339	9,857,668	5,250	201,103	0	15,475,309	556,842	59,491,251	75,608,196	17,476,801	93,084,997					
Alaska	0	0	232,152	232,152	317,020	157,501	190,257	27,452,902	0	0	303,802,492	503,322,939	835,243,112	835,475,264	267,052	835,742,316					
American Samoa	0	0	0	0	0	5	0	0	0	0	0	0	5	5	0	5	0	5			
Arizona	0	0	8,182,612	8,182,612	765,073	2,060,866	1,619	5	203,569	59,000	10,404,534	57,102,108	70,596,774	78,779,386	1,094,910	79,874,297					
Arkansas	1,241,444	18,708	9,336,006	10,596,159	3,508,417	12,123,522	3,932,819	7,764	686,643	58,844	1,854,701	177,141	22,349,851	32,946,010	3,848,947	36,794,957					
California	90,714	12,547,626	3,127,732	15,766,073	2,020,117	7,058,364	2,617,138	36,350	354,029	152	4,796	3,614,368	15,705,315	31,471,388	3,691,810	35,163,198					
Colorado	0	2,317,614	6,529,349	8,846,963	620,138	1,767,553	720,881	0	6,131	0	2,506,303	4,179,945	9,800,951	18,647,914	4,378,052	23,025,066					
Connecticut	0	0	478	478	361,850	926,258	297,505	0	0	0	0	76,212	1,661,825	1,662,303	1,053,919	2,716,223					
Delaware	0	0	154,167	154,167	107,476	3,400,565	600,283	0	44,225	0	11,740	615	4,164,904	4,319,071	4,518,798	8,837,869					
District of Columbia	0	0	0	0	1,169	56	1,068	0	0	0	19,607	0	21,901	2,664	24,565						
Florida	32,329,657	0	7,091,960	39,421,617	3,586,998	29,319,543	1,639,420	2,548	533,435	0	434,459	395,160	35,911,563	75,333,180	4,899,848	80,233,027					
Georgia	0	55	1,759,594	1,759,594	8,173,883	37,276,778	12,620,709	0	480,671	0	14,462,006	980,329	73,994,376	75,754,025	2,258,753	78,012,778					
Guam	0	0	1	1	240,718	135,602	107,546	0	0	0	29	3,070	486,966	486,967	223	487,190					
Hawaii	0	0	0	251,914	1,487,335	452,359	2,603	0	0	0	0	171,221	2,365,432	130,173	2,495,605						
Idaho	0	8,557,967	118,248	8,676,215	657,792	3,233,805	2,502,016	0	2,083,570	2,176,306	12,312,827	34,091,786	57,058,102	65,734,317	1,097,144	66,831,462					
Illinois	0	55,975	8,098,515	8,154,490	5,295,008	23,809,122	8,835,506	0	96,267	28,722	11,161,684	51,853	49,738,162	57,892,652	43,903,360	101,796,012					
Indiana	697,762	118,367	21,077,304	21,893,434	6,727,118	40,370,621	27,384,933	0	809,153	0	7,428,575	2,960,120	85,680,520	107,753,954	47,735,738	155,309,692					
Iowa	0	0	6,800,768	6,800,768	2,926,456	15,260,705	6,212,757	0	967,271	0	861,325	14,967	26,423,482	33,044,250	8,314,074	41,358,325					
Kansas	1,270,160	0	8,130,754	9,400,914	1,900,487	7,282,651	246,968	500	42,794	0	169,877	71,119	9,714,395	19,115,309	2,907,915	22,023,224					
Kentucky	1,931	0	7,587,389	7,589,320	5,412,046	51,870,725	6,605,709	0	645,236	0	10,385,887	703,445	75,623,049	83,212,369	11,936,159	95,148,528					
Louisiana	46,379,730	4,851,951	11,324,615	62,556,296	12,104,093	34,625,881	10,903,184	0	3,735	114	5,780,540	230,323	63,647,869	126,204,165	9,320,894	135,525,059					
Maine	0	8	1,079,546	1,079,554	1,373,196	2,867,733	3,182,302	0	0	0	0	14,446	7,437,677	8,517,231	1,059,446	9,576,677					
Maryland	0	0	490,559	490,559	366,797	5,571,429	1,362,561	28,612	539,249	0	2,994	32,523	7,904,164	8,394,723	3,618,439	12,013,161					
Massachusetts	0	0	5,060	5,060	309,764	2,313,944	6,957	0	0	0	4,530	18,098	2,653,293	2,658,353	1,639,015	4,297,368					
Michigan	442,694	2,433,619	7,921,973	10,798,286	2,401,421	25,635,516	2,166,048	0	250	0	4,826,818	1,042,460	36,072,513	46,870,799	29,575,091	76,445,890					
Minnesota	0	4,539	33,197,027	33,232,566	2,018,689	7,407,472	1,455,401	0	34,890	0	4,913,737	1,356,228	17,186,418	20,509,984	2,262,888	22,772,871					
Mississippi	16,533,288	0	2,523,882	19,057,170	3,685,600	16,107,872	6,302,787	0	0	27,843	11,708,645	208,095	38,040,842	57,098,012	4,975,550	62,073,562					
Missouri	0	2,131,801	4,174,894	6,306,695	4,532,247	9,497,685	2,043,474	0	14,582	0	44,714,849	7,727,423	68,530,260	74,836,955	1,816,580	76,653,535					
Montana	0	29	13,068,910	13,068,938	296,345	1,502,210	237,165	28,030	568	0	4,703,578	17,001,186	23,769,082	36,838,021	1,469,308	38,307,329					
Nebraska	0	0	7,668,052	7,668,052	641,036	5,095,849	14,727,942	0	97,189	0	2,105	411,603	20,975,725	28,643,777	3,232,572	31,876,349					
Nevada	0	3,521,955	1,850,205	5,372,156	1,037,439	472,509	1,293,701	0	126	0	173,621,197	293,148,797	469,573,768	474,945,925	1,927,538	476,873,463					
New Hampshire	0	0	13,633	13,633	43,862	3,047,462	1,798	0	0	0	0	0	3,093,122	3,106,755	220,538	3,327,293					
New Jersey	0	91,765	179,989	271,754	923,914	3,148,803	8,492,919	0	30,813	3,862	19,465	226,253	12,846,029	13,117,784	2,923,778	16,041,562					
New Mexico	5,445	0	5,257,391	5,262,836	403,907	645,920	50,801	0	1,681,173	0	1,027,476	3,316,436	7,125,714	12,388,550	101,904	12,490,454					
New York	0	334,634	926,294	1,260,928	975,938	7,305,280	5,777,340	0	31,292	0	601	203,172	14,293,622	15,554,550	7,297,187	22,851,737					
North Carolina	0	33,635	8,311,704	8,345,339	3,859,392	30,774,704	9,168,645	0	326,275	5,300	4,869,787	2,493,837	51,497,941	59,843,280	6,048,430	65,891,709					
North Dakota	0	0	2,832,950	2,832,950	209,339	3,803,232	91,044	1,431	620,597	0	5,561,315	531,405	10,818,362	13,651,311	7,401,829	21,053,140					
Northern Mariana Islands	0	0	0	965	3,403	76	0	0	0	0	1	0	4,445	4,445	1,124	5,569					
Ohio	19,442,216	1,480,227	16,242,133	37,164,575	6,256,138	58,658,893	9,192,337	0	538,442	96,603	9,425,218	256,231	84,423,862	121,588,437	33,177,509	154,765,946					
Oklahoma	1,283,432	9,010,319	1,547,980	11,841,731	3,177,134	15,538,523	3,779,744	0	9,144	5	562,629	246,214	23,313,392	35,155,123	1,507,058	36,662,182					
Oregon	0	8,155,324	759,986	8,915,309	1,156,742	5,252,958	1,557,035	0	496,024	6,958	3,221	7,754	8,480,692	17,396,001	645,212	18,041,213					
Pennsylvania	0	5	6,717,730	6,717,735	3,882,124	40,268,833	10,121,165	0	263,992	5	3,840,360	2,943,400	61,319,881	68,037,615	48,408,738	114,466,353					
Puerto Rico	0	0	0	0	289,215	4,095,009	650	0	0	0	0	8,368	4,393,242	4,393,242	897,542	5,290,785					
Rhode Island	0	0	0	0	64,898	131,669	779	0	0	0	0	1,350	198,696	198,696	176,226	374,922					
South Carolina	0	324	3,217,893	3,218,217	5,756,071	26,226,868	4,317,370	0	134,066	0	4,367,819	434,564	41,236,699	44,454,915	15,077,759	59,532,675					
South Dakota	0	0	1,434,986	1,434,986	536,742	762,482	3,002,973	19	0	661	18,230	11,125	4,332,232	5,767,218	353,741	6,120,959					
Tennessee	0	25,167	20,576,166	20,601,333	6,398,902	26,378,092	2,797,594	0	20,064	0	18,514,246	833,681	54,942,578	75,543,912	12,794,230	88,338,142					
Texas	74,369,239	2,909,591	25,971,868	103,250,694	22,308,631	39,542,473	14,325,128	4,318	1,690,212	47,205	5,337,379	1,064,953	84,320,299	187,570,993	18,284,912	205,855,905					
Utah	0	4,390,633	11,595,850	15,986,483	1,361,346	7,189,586	102,145	0	176,750	0	127,486,719	58,494,837	194,811,473	210,797,956	1,157,498	211,955,455					
Vermont	0	0	3	3																	

**The 20 Counties with  
Largest TRI On-site and  
Off-site Disposal or Other  
Releases, 2010**

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	1	14	1	0	0	0	229,100	811	8,430	0	0	301,960,916	475,196,396	777,395,653	777,395,653			
Lander	NV	3	29		0	0	1,411	1,411	42,954	5,833	0	0	0	82,796,330	149,611,800	232,456,917	232,456,328		
Salt Lake	UT	63	241	19	0	0	763,033	763,033	162,203	477,419	101,641	0	3,033	0	125,524,983	58,393,601	184,662,869	185,425,903	
Humboldt	NV	10	59		0	0	792,736	792,736	47,358	319,276	173	0	0	49,819,014	121,445,529	171,631,349	172,424,085		
Gila	AZ	6	45	1	0	0	0	0	374,834	383,338	1,277	0	0	0	213,566	54,708,146	55,681,161	55,681,161	
Juneau	AK	2	15	1	0	0	0	0	681	20,276	175	27,452,902	0	0	45,859	19,759,779	47,279,673	47,279,673	
Escambia	FL	12	105	9	32,288,956	0	963,092	33,252,048	167,221	2,029,286	160,170	0	0	0	13,048	6,635	2,376,354	35,628,402	
Elko	NV	6	56		0	0	6,888	6,888	548,758	17,144	1,293,522	0	0	0	24,865,102	7,709,837	34,434,363	34,441,251	
Brazoria	TX	37	429	11	25,808,548	336,271	201,722	26,346,541	2,125,112	2,352,946	1,644,416	0	6	0	1,225	1	6,123,707	32,470,248	
Wayne	MI	107	662	47	0	2,408,178	0	2,408,178	404,763	4,954,186	83,748	0	0	0	0	1,197	5,443,894	7,852,072	
Lake	IN	52	361	11	0	0	9,985,766	9,985,766	537,250	4,176,760	2,311,114	0	0	0	0	0	1	7,025,124	
Spencer	IN	3	30		0	0	2,880,743	2,880,743	795	2,538,173	24,318,362	0	0	0	11,110	55	26,868,494	29,749,237	
Humphreys	TN	7	66		0	19,014	14,765,388	14,784,402	847,784	6,391,646	513,779	0	0	0	0	0	1	7,753,210	22,537,612
Harris	TX	350	2,235	226	7,089,276	157,931	0	7,247,207	5,142,315	7,220,399	2,644,295	4,318	630	0	216,875	1,793	15,230,624	22,477,831	
Shoshone	ID	6	34	6	0	0	0	0	19,133	163	76,010	0	0	2,176,306	8,818,079	16,121,220	27,210,911		
Eureka	NV	4	44		0	0	104,195	104,195	56,367	20,043	5	0	17	0	15,460,105	11,396,064	26,932,600	27,036,795	
Calhoun	TX	5	95		21,335,708	745	68	21,336,521	591,805	1,876,019	27,371	0	0	0	177,461	75	2,672,731	24,009,252	
Beaver	PA	40	224	10	0	0	0	0	80,335	1,216,399	1,147,899	0	0	0	0	0	0	2,444,633	2,444,633
Harrison	MS	14	62	7	16,533,288	0	913,357	17,446,645	49,359	3,816,125	4,334	0	0	0	61,959	0	3,931,777	21,378,423	
Reynolds	MO	5	13		0	0	0	0	30,038	4,794	16,277	0	0	0	21,139,000	0	21,190,109	21,190,109	

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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 20 Counties with  
Largest TRI On-site and  
Off-site Disposal or Other  
Releases, 2010**

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 Subtitle C			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 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	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Management Pounds	Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds	Releases Pounds	Total Off-site Disposal or Other Releases Pounds					
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	19	19	777,395,672					
Lander	NV	0	964	0	964	0	0	0	0	5	0	1	0	0	6	970	232,459,298				
Salt Lake	UT	0	102,762	15,822	118,584	5,321	17,298	0	1,069	0	0	410,071	1,478	26,100	9	461,347	579,930	186,005,933			
Humboldt	NV	0	1	51	52	0	17	0	0	0	0	0	0	12	50	102	172,424,187				
Gila	AZ	0	238	0	238	0	294	5	5,729	0	0	762,650	0	0	1,520	770,199	770,437	56,451,598			
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	47,279,674				
Escambia	FL	0	745	193,345	194,090	0	0	0	141	0	0	0	4,470	149	0	88,924	93,685	287,775	35,916,177		
Elko	NV	0	671	0	671	0	0	0	0	0	0	0	0	0	0	671	34,441,922				
Brazoria	TX	317	502,625	23,646	526,588	6,659	15,030	4	0	3,305	0	0	0	341	64,435	35,242	125,016	651,604	33,121,852		
Wayne	MI	13,461	176,024	22,933,166	23,122,652	8,245	891,016	23,343	7,608	0	0	635	17,156	6,950	3,181	31,624	989,757	24,112,409	31,964,481		
Lake	IN	35,273	120,297	13,493,751	13,649,321	1,638	786,639	8,853	157	0	0	0	0	26,808	36,462	3	860,559	14,509,880	31,520,770		
Spencer	IN	0	0	964,439	964,439	0	13,014	0	0	0	0	0	0	0	0	13,014	977,453	30,726,690			
Humphreys	TN	0	20	0	20	0	0	0	0	0	0	0	7,271,304	0	67,345	0	7,338,649	7,338,669	29,876,281		
Harris	TX	1,738,390	359,668	987,164	3,085,222	204,291	78,987	52,180	25,491	20,910	7	16,740	305	2,146	450,121	680,557	175,558	1,707,294	4,792,516	27,270,347	
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,210,911	
Eureka	NV	0	2,203	0	2,203	0	0	0	0	0	0	0	0	0	0	0	0	2,203	27,038,999		
Calhoun	TX	0	7	1,151	1,158	0	3,042	0	0	0	0	0	0	0	1,408	0	3,485	7,936	9,095	24,018,347	
Beaver	PA	15	3,557	16,935,863	16,939,435	0	125,456	1,382	10	0	0	1,979,263	0	3	216	3,676	0	2,110,007	19,049,442	21,494,074	
Harrison	MS	0	0	1,990	1,990	0	0	0	0	0	0	0	0	0	0	3,910	783	4,693	6,683	21,385,106	
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,190,109	

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 M81), 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, 2010

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	Form As Number	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	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	
Northwest Arctic	AK	1	14	1	0	0	0	0	229,100	811	8,430	0	0	0	301,960,916	475,196,396	777,395,653
Lander	NV	3	29		0	0	1,411	1,411	42,954	5,833	0	0	0	82,796,330	149,611,800	232,456,917	
Salt Lake	UT	63	241	19	0	0	763,033	763,033	162,203	477,419	101,641	0	3,033	0	125,524,983	58,393,591	184,662,866
Humboldt	NV	10	59		0	0	792,736	792,736	47,358	319,276	173	0	0	49,819,014	121,445,529	171,631,349	
Gila	AZ	6	45	1	0	0	0	0	374,834	383,338	1,277	0	0	0	213,566	54,708,146	55,681,161
Juneau	AK	2	15	1	0	0	0	0	681	20,276	175	27,452,902	0	0	45,859	19,759,779	47,279,673
Elko	NV	6	56		0	0	6,888	6,888	546,058	17,144	1,293,522	0	0	0	24,865,102	7,709,837	34,434,363
Shoshone	ID	6	34	6	0	0	0	0	19,133	163	76,010	0	0	2,176,306	8,818,909	16,211,220	
Euro	NV	4	44		0	0	104,195	104,195	56,397	20,043	0	17	0	15,400,105	11,396,649	27,210,911	
Spencer	IN	3	30		0	0	2,880,743	2,880,743	795	2,538,173	24,318,362	0	0	0	11,110	55	26,989,494
Reynolds	MO	5	13		0	0	0	0	30,038	4,794	16,277	0	0	0	21,139,000	0	21,190,109
Silver Bow	MT	2	12		0	0	0	0	500	0	5	0	0	0	4,454,405	14,339,361	18,894,271
Harris	TX	350	2,235	226	7,089,276	157,931	0	7,247,207	5,142,315	7,220,399	2,644,295	4,318	630	0	216,875	1,793	15,230,624
Caribou	ID	2	23		0	0	0	0	63,847	237,866	1,389	0	0	0	36,437	16,035,031	16,374,570
Iron	MO	3	13	3	0	2,013,838	0	2,013,838	38,545	9,385	28,234	0	0	0	15,795,960	86,420	15,958,544
Montgomery	TN	11	34	2	0	0	0	0	9,688	351,019	47,947	0	0	0	14,769,493	0	15,178,147
Humphreys	TN	7	66		0	19,014	14,765,388	14,784,402	847,794	6,391,646	513,779	0	0	0	0	1	7,753,210
Washington	OH	17	113		0	0	0	0	284,473	8,158,182	964,212	0	0	0	3,440,244	175	12,847,286
Richmond	GA	24	104	8	0	0	164,847	164,847	1,178,945	6,905,728	5,527,724	0	0	0	166,532	11,686	13,790,615
Ascension	LA	16	238	11	3,916,020	0	61,126	3,977,146	1,207,397	8,691,157	3,060,412	0	0	0	17,266	12,976,232	16,953,378

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Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.1), RCRA Subtitle C Landfills (5.5,1B), 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 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, 2010

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			
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills																					
		Other Off-site Disposal or Other Releases																					
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		Total Off-site Disposal or Other Releases Pounds			
Class I Wells Pounds	Subtitle C Landfills Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds		Class II-V Wells Pounds																	
Northwest Arctic AK	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	19	777,395,672	
Lander NV	NV	0	964	0	964	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	6	232,459,298	
Salt Lake UT	UT	0	102,762	15,822	118,584	5,321	17,298	0	1,069	0	0	0	0	410,071	1,478	26,100	9	461,347	57,930	186,005,833	185,124,216		
Humboldt NV	NV	0	1	51	52	0	17	0	0	0	0	0	0	0	0	0	21	12	50	102	172,424,187	171,631,399	
Gila AZ	AZ	0	238	0	238	0	294	5	5,729	0	0	0	0	762,650	0	0	1,520	1,520	570,437	56,451,598	56,451,360		
Juneau AK	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	47,279,674	
Elko NV	NV	0	671	0	671	0	0	0	0	0	0	0	0	0	0	0	0	0	671	34,481,921	34,434,363		
Shoshone ID	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27,210,811	
Euro NV	NV	0	2,203	0	2,203	0	0	0	0	0	0	0	0	0	0	0	0	0	2,203	2,203	2,203	26,881,600	
Spencer IN	IN	0	0	964,439	964,439	0	13,014	0	0	0	0	0	0	0	0	0	0	0	13,014	977,450	977,450	30,700,690	
Reynolds MO	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,190,109	21,190,109	
Silver Bow MT	MT	0	0	16,785	16,785	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,785	16,785	18,911,056	
Harris TX	TX	1,738,390	359,668	987,164	3,085,222	204,291	78,987	52,180	25,491	20,910	7	16,740	305	2,146	450,121	680,557	175,558	1,707,294	4,792,516	27,270,347	16,937,918		
Caribou ID	ID	0	0	0	0	0	36	0	0	0	0	0	0	0	0	4,686	0	0	4,722	4,722	4,722	16,379,292	
Iron MO	MO	0	0	112,513	112,513	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112,513	18,084,895	15,958,544	
Montgomery TN	TN	0	0	151,438	151,438	0	2,747	2,038	67	0	0	0	0	0	0	0	0	0	4,852	156,290	15,334,436	15,182,998	
Humphreys TN	TN	0	20	0	20	0	0	0	0	0	0	0	0	0	0	0	0	67,345	0	7,338,649	7,338,649	15,091,859	
Washington OH	OH	0	110	321,060	321,170	0	59	1,563,698	7	0	0	0	0	0	0	0	6	3,851	0	1,567,621	1,888,791	14,736,076	
Richmond GA	GA	0	0	2,437	2,437	0	21	3	23	0	0	0	1,289	10,715	40	1	0	0	12,092	14,529	13,969,990	13,802,706	
Ascension LA	LA	1	690,812	251,762	942,575	330	1,177	0	0	0	0	0	0	1,096	0	0	9	0	0	2,612	945,187	17,898,565	12,978,844

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](http://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 (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 RCRA Subtitle C Surface Impoundments, 2010**

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	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	1	14	1	0	0	0	0	8,430	0	0	0	301,960,916	475,196,396	777,395,653		
Lander	NV	3	29	0	0	1,411	1,411	42,954	5,833	0	0	0	82,796,330	149,611,800	232,458,917		
Salt Lake	UT	63	241	19	0	0	763,033	763,033	162,203	477,419	101,641	0	3,033	0	125,524,983	58,393,591	
Humboldt	NV	10	59	0	0	792,736	792,736	47,358	319,276	173	0	0	49,819,014	121,445,529	171,631,349		
Gila	AZ	6	45	1	0	0	0	0	374,834	383,338	1,277	0	0	213,566	54,708,146	55,681,161	
Juneau	AK	2	15	1	0	0	0	0	681	20,276	175	27,452,902	0	45,859	19,759,779	47,279,673	
Elko	NV	6	56	0	0	6,888	6,888	548,758	17,144	1,293,522	0	0	0	24,865,102	7,709,837	34,441,251	
Lake	IN	52	361	11	0	0	9,985,766	9,985,766	537,250	4,176,760	2,311,114	0	0	0	1	7,025,124	17,010,890
Spencer	IN	3	30	0	0	2,880,743	2,880,743	795	2,538,173	24,318,362	0	0	0	11,110	55	26,668,494	
Humphreys	TN	7	66	0	0	19,014	14,765,388	14,784,402	847,784	6,391,646	513,779	0	0	0	1	7,753,210	22,537,612
Wayne	MI	107	662	47	0	2,408,178	0	2,408,178	404,763	4,954,186	83,748	0	0	0	1,197	5,443,894	7,852,072
Eureka	NV	4	44	0	0	104,195	104,195	56,367	20,043	5	0	17	0	15,460,105	11,396,064	26,932,600	
Shoshone	ID	6	34	6	0	0	0	0	19,133	163	76,010	0	0	2,176,306	8,818,079	16,121,220	
Beaver	PA	40	224	10	0	0	0	0	80,335	1,216,399	1,147,899	0	0	0	0	2,444,633	2,444,633
Reynolds	MO	5	13	0	0	0	0	0	30,038	4,794	16,277	0	0	0	21,139,000	0	21,190,109
Silver Bow	MT	2	12	0	0	0	0	0	500	0	5	0	0	0	4,554,405	14,339,361	18,894,271
Harris	TX	350	2,235	226	7,089,276	157,931	0	7,247,207	5,142,315	7,220,399	2,644,295	4,318	630	0	216,875	1,793	15,230,624
Allegheny	PA	78	387	54	0	0	0	0	1,101,493	2,907,216	2,743,808	0	0	0	0	0	6,752,518
Caribou	ID	2	23	0	0	0	0	0	63,847	237,866	1,389	0	0	0	36,437	16,035,031	16,374,570
Iron	MO	3	13	3	0	2,013,838	0	2,013,838	38,645	9,385	28,234	0	0	0	15,795,960	86,420	15,958,544
																17,972,382	

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](http://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, 2010

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				Wastewater				Transfers to				Transfers to									
Storage Only Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	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	Total On-site and Off-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	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds						
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	19	19	77,395,672	77,395,672	77,395,672	77,395,672	77,395,672	77,395,672					
Lander	NV	0	964	0	964	0	0	0	0	0	6	6	232,459,298	232,459,298	232,459,298	232,459,298	232,459,298	232,459,298					
Salt Lake	UT	0	102,762	15,822	118,584	5,321	17,298	0	1,069	0	9	9	186,005,833	186,005,833	186,005,833	186,005,833	186,005,833	186,005,833					
Humboldt	NV	0	1	51	52	0	17	0	0	0	50	50	461,347	461,347	461,347	461,347	461,347	461,347					
Gila	AZ	0	238	0	238	0	294	5	5,729	0	12	12	579,930	579,930	579,930	579,930	579,930	579,930					
Juneau	AK	0	0	0	0	0	0	0	0	0	102	102	172,424,187	172,424,187	172,424,187	172,424,187	172,424,187	172,424,187					
Eلى	NV	0	671	0	671	0	0	0	0	0	50	50	56,451,598	56,451,598	56,451,598	56,451,598	56,451,598	56,451,598					
Lake	IN	35,273	120,297	13,493,751	13,649,321	1,638	786,639	8,853	157	0	1	1	671	671	671	671	671	671					
Spencer	IN	0	0	964,439	964,439	0	13,014	0	0	0	1	1	47,279,674	47,279,674	47,279,674	47,279,674	47,279,674	47,279,674					
Humphreys	TN	0	20	0	20	0	0	0	0	0	0	0	30,726,690	30,726,690	30,726,690	30,726,690	30,726,690	30,726,690					
Wayne	MI	13,461	176,024	22,933,166	23,122,652	8,245	891,016	23,343	7,608	0	0	0	26,808	36,462	3,860,559	14,509,880	31,520,770	31,365,200					
Eureka	NV	0	2,203	0	2,203	0	0	0	0	0	0	0	0	0	0	0	0	0					
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Beaver	PA	15	3,557	16,935,863	16,939,435	0	125,456	1,382	10	0	0	0	1,979,263	0	3	216	3,676	0					
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Silver Bow	MT	0	0	16,785	16,785	0	0	0	0	0	0	0	0	0	0	0	0	0					
Harris	TX	1,738,390	359,668	987,164	3,085,222	204,291	78,987	52,180	25,491	20,910	7	16,740	305	2,146	450,121	680,557	175,558	1,707,294					
Allegheny	PA	0	12	10,136,643	10,136,656	0	31,405	3	55	0	0	0	912,089	0	37,833	2,806	947	985,138	11,121,794				
Caribou	ID	0	0	0	0	0	0	36	0	0	0	0	0	0	4,686	0	0	4,722	4,722				
Iron	MO	0	0	112,513	112,513	0	0	0	0	0	0	0	0	0	0	0	0	0	112,513				
																			18,084,895				
																			16,071,057				

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).

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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 (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 (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, 2010

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 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	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds		
Northwest Arctic	AK	1	0	0	0	229,100	811	8,430	0	0	0	301,960,916	475,196,396	777,395,653	777,395,653	19	777,395,672		
Lander	NV	3	0	0	1,411	1,411	42,954	5,833	0	0	0	82,796,330	149,611,800	232,456,917	232,456,328	970	232,459,298		
Salt Lake	UT	63	0	0	763,033	763,033	162,203	477,419	101,641	0	3,033	0	125,524,983	58,393,591	184,662,869	185,425,903	579,930	186,005,833	
Humboldt	NV	10	0	0	792,736	792,736	47,358	319,276	173	0	0	49,819,014	121,445,529	171,631,349	172,424,085	102	172,424,187		
Gila	AZ	6	0	0	0	0	374,834	383,338	1,277	0	0	0	213,566	54,708,146	55,681,161	55,681,161	770,437	56,451,598	
Juneau	AK	2	0	0	0	0	681	20,276	175	27,452,902	0	0	45,859	19,759,779	47,279,673	47,279,673	1	47,279,674	
Escambia	FL	12	32,288,956	0	963,092	33,252,048	167,221	2,029,280	160,170	0	0	0	13,048	6,635	2,376,354	35,628,402	287,775	35,916,177	
Elko	NV	6	0	0	6,888	6,888	548,758	17,144	1,293,522	0	0	0	24,865,102	7,709,837	34,434,363	34,441,251	671	34,441,922	
Brazoria	TX	37	25,808,548	336,271	201,722	26,346,541	2,125,112	2,352,946	1,644,416	0	6	0	0	1,225	1	6,123,707	32,470,248	651,604	33,121,852
Spencer	IN	3	0	0	2,880,743	2,880,743	795	2,538,173	24,318,362	0	0	0	11,110	55	26,868,494	29,749,237	977,453	30,726,690	
Shoshone	ID	6	0	0	0	0	19,133	163	76,010	0	0	2,176,306	8,818,079	16,121,220	27,210,911	0	27,210,911		
Eureka	NV	4	0	0	104,195	104,195	56,367	20,043	5	0	17	0	15,460,105	11,396,064	26,932,600	27,036,795	2,203	27,038,999	
Calhoun	TX	5	21,335,708	745	68	21,336,521	591,805	1,876,019	27,371	0	0	0	177,461	75	2,672,731	24,009,252	9,095	24,018,347	
Humphreys	TN	7	0	19,014	14,765,388	14,784,402	847,784	6,391,646	513,779	0	0	0	0	0	1	7,753,210	22,537,612	7,338,669	29,876,281
Harris	TX	350	7,089,276	157,931	0	7,247,207	5,142,315	7,220,399	2,644,295	4,318	630	0	216,875	1,793	15,230,624	22,477,831	4,792,516	27,270,347	
Harrison	MS	14	16,533,288	0	913,357	17,446,645	49,359	3,816,125	4,334	0	0	0	61,959	0	3,931,777	21,378,423	6,683	21,385,106	
Reynolds	MO	5	0	0	0	0	30,038	4,794	16,277	0	0	0	21,139,000	0	21,190,109	21,190,109	0	21,190,109	
St Charles	LA	18	17,644,960	0	285	17,645,245	948,372	1,030,930	292,923	0	0	0	0	22,481	2,294,706	19,939,951	230,573	20,170,524	
Silver Bow	MT	2	0	0	0	0	500	0	5	0	0	0	4,554,405	14,339,361	18,894,271	18,894,271	16,785	18,911,056	
Iron	MO	3	0	2,013,838	0	2,013,838	38,545	9,385	28,234	0	0	0	15,795,960	86,420	15,958,544	17,972,382	112,513	18,084,895	

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, 2010

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													Total On-site Disposal or Other Releases Pounds			
					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	14	0	0	0	0	229,000	111	8,400	0	0	301,000	476,300	77,700	3,653	77,700	476,300	208,126	230	208,126	230	77,700,476,300			
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	42	0	0	27	27	6,494	521	0	0	0	68,087	202	140,023	023	140,023	023	140,023	023	140,023	023	140,023	023		
Newmont Mining Corp Twin Creeks Mine	Gilconda	NV	2122	21	0	0	1,917	1,917	27,175	98,815	173	0	0	49,765	470	119,280	909	169,173	542	169,173	542	169,173	542	169,173	542		
Kennecott Utah Copper Mine Concentrators & Power Plant	Bingham Canyon	UT	2122	20	0	0	87,689	87,689	4,967	8,095	5,092	0	3,003	102,335	150	58,377	290	160,733	595	160,821	285	160,821	285	160,821	285		
Hecla Greens Creek Mining Co	Juniper	AK	2122	9	0	0	0	0	619	19,519	175	27,452	849	0	0	19,712	306	47,185	468	47,185	468	47,185	468	47,185	468		
Huntsman Petrochemical Corp	Cantonment	FL	325	34	32,288,956	0	0	32,288,956	26,682	108,193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32,423,832		
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	16	0	0	0	0	98,640	224,347	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31,038,641		
Bethel Energy Mines Inc	Elko	NV	2122	26	0	0	6,669	6,669	308,091	17,092	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,070		
Freight-Morristown Manuf Inc	Claypool	AZ	2122	19	0	0	0	0	0	263,250	150,441	1,277	0	0	0	0	0	0	0	0	0	0	0	0	0		
AK Steel Corp (Rockport Works )	Rockport	IN	331	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cortez Gold Mine	Crescent Valley	NV	2122	13	0	0	1,384	1,384	18,308	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24,308,727		
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	675,344	675,344	6,547	100,223	5,528	0	30	0	0	0	0	0	0	0	0	0	0	0	0		
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	23	21,335,708	0	0	21,335,708	20,956	85,891	1,013	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	11	0	0	0	0	44	109	933	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	0	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Alcoa Performance Materials - Chocolate Bayou Facility	Alton	TX	325	44	17,792,016	321,140	0	18,113,426	27,695	141,598	9,041	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
DuPont Daniels Plant	Pasc Christian	MS	325	22	16,533,288	0	381,974	16,915,263	4,727	1,052,063	1,888	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	8,770	548,341	2,628	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Monsanto Luling	Luling	LA	325	17	16,755,400	0	0	16,755,400	6,848	97,882	187,670	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	22	0	0	0	731	731	28,096	5	0	17	0	15,458,800	865,200	16,354,469	16,355,200	17,047,800	0	0	0	0	0			
P4 Production LLC	Soda Springs	ID	325	17	0	0	0	0	0	14,659	224,819	1,389	0	0	0	0	0	0	0	0	0	0	0	0	0		
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	0	11,688	28	27,334	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cooper Industries Inc - Port Huron Plant	Westvaco	VA	325	19	15,247,401	0	0	15,247,401	14,423	31,976	34,441	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	0	707	247,063	47,673	0	0	0	0	0	0	0	0	0	0	0	0	0		
Colstrip Steam Electric Station	Colstrip	MT	2211	26	0	0	13,009,010	13,009,010	251	399,560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	10,981,738	10,981,738	3,811	2,714,582	2,293	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
USG Gary Works	Gary	IN	331	46	0	0	9,985,766	9,985,766	295,275	287,830	2,021,582	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
US Army Radford Army Ammunition Plant	Radford	VA	ZZZ	14	0	0	0	0	0	28,726	437,539	12,006,602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	0	31,876	220,568	178,152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Arch Coal USA LLC	East Chicago	IN	331	24	0	0	0	0	0	13,985	133,939	95,691	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Perrier Disposal Co #1	Pearl	IL	562	11	55,975	0	0	55,975	5,055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
US TVA-Johnsonville Fossil Plant	New Johnsonville	TN	2211	17	0	0	0	0	0	20,812	3,220,218	25,546	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ruby Hill Mine	Eureka	NV	2122	6	0	0	0	0	691	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
US Steel Corp Great Lakes Works	Ecorse	MI	331	23	0	0	0	0	0	46,230	206,400	74,054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ineos USA LLC	Lima	OH	325	35	9,867,504	0	0	9,867,504	16,693	159,314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	0	46,187	7,823,176	376,465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	9	0	0	0	0	0	502	9,906	903	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Diamond Almond Power Plant	Monroe	MI	2211	21	0	0	0	0	0	22,103	5,442,703	28,332	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Vickery Environmental Inc	Vicksburg	MS	562	19	9,574,712	0	0	9,574,712	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
USM Mon Valley Works - Edgar Thomson Plant	Braddock	PA	331	15	0	0	0	0	0	76,351	2,971	133,446	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Brushy Creek Mine/Mill	Boss	MO	2122	3	0	0	0	0	0	2,719	0	7,632	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	30	0	9,010,319	322	9,010,641	872	302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Clean Harbors Butterwillow LLC	Buttonwillow	CA	562	25	0	5,923,425	3,036,250	8,959,675	575	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Servestar Deadriveway LLC	Dearborn	MI	331	13	0	0	0	0	0	1,542	77,637	2,703	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Anglo American Corp	Sterling	LA	325	12	8,189,083	0	0	8,189,083	4,619	10,048	264,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
US Ecology Idaho Inc	Grand View	ID	562	29	0	8,557,967	0	8,557,967	143	713	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	39	0	8,155,324	10,410	8,290,734	5,316	17,080	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
North American Stainless	Ghent	KY	331	10	0	0	0	0	0	0	0	19,133	3,206,744	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Koch Nitrogen Co LLC	Erin	OK	325	11	0	0	0	0	0	131,266	7,024,750	795,510	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weychem US Inc	Elgin	SC	325	27	0	0	0	0	0	58,971	52,252	1,105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

**The 50 Facilities with Largest TRI On- and Off-site Disposal of Other Releases, 2010**

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](http://www.epa.gov/tri/triprogram/FactorsToConPDF.pdf).

The 50 Facilities with Largest Total Disposal or  
Other Releases, not including Class I Underground Injection  
Wells, RCRA Subtitle C Landfills and Other Landfills, 2010

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					
Red Dog Operations	Kotzebue	AK	2122	14	0	0	0	0	229,100	811	8,430	0	0	0	301,960,916	475,196,396	777,395,653					
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	27	27	6,484	521	0	0	0	0	68,067,202	140,032,023	208,126,230					
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	0	1,917	1,917	27,175	99,815	173	0	0	49,765,470	119,280,909	169,175,459					
Kennecott Utah Copper Mine Concentrators & Power Plant	Bingham Canyon	UT	2122	20	0	0	0	87,689	87,689	4,967	8,095	5,092	0	3,003	0	102,335,150	58,377,250	160,733,955				
Hecla Grand Creek Mining Co	Juneau	AK	2122	9	0	0	0	0	0	618	19,519	175	27,452,849	0	0	0	19,712,306	47,185,468				
ASARCO LLC - Phoenix Hayden Smelter & Concentrator	Hayden	AZ	321	18	0	0	0	0	98,640	22,447	0	0	0	0	0	30,400,554	31,914,214	29,254,201				
Barrick Goldstrike Mines Inc	Elkton	NV	2122	26	0	0	0	6,669	6,669	308,091	17,092	0	0	0	0	23,472,454	5,456,564	29,260,870				
Freeport-McMoRan Miami Inc	Clypool	AZ	2122	19	0	0	0	0	0	263,250	158,241	1,277	0	0	0	0	213,550	23,988,810	24,625,127			
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,821	24,305,396	0	0	0	0	0	0	24,318,217	24,319,217			
Corex Gold Mines	Crescent Valley	NV	2122	13	0	0	0	1,384	1,384	18,308	130	0	0	0	0	14,709,128	9,579,777	24,307,343				
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	675,344	675,344	6,547	100,226	5,528	0	30	0	0	23,189,833	4,303	23,306,467			
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	11	0	0	0	0	0	44	109	933	0	0	0	8,007,567	11,778,320	19,786,973				
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	0	250	0	0	0	0	0	4,554,405	14,339,361	18,894,016				
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	22	0	0	0	731	731	28,096	2,352	5	0	17	0	0	15,458,800	865,200	16,354,469			
P4 Production LLC	Soda Springs	ID	325	17	0	0	0	0	0	14,659	224,819	1,389	0	0	0	0	0	15,911,818	16,152,685			
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	0	11,689	285	27,334	0	0	0	0	0	15,795,960	86,420	15,921,688		
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	0	707	247,063	47,873	0	0	0	0	0	14,769,493	0	15,065,136		
US Army Radford Army Ammunition Plant	Radford	VA	ZZZ	14	0	0	0	0	0	28,720	437,539	12,006,602	0	0	0	0	0	0	840	12,473,701	12,473,701	
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	0	31,870	220,566	178,152	0	0	0	0	0	0	0	11,401,565	11,401,565	
US TVA Johnsonville Fossil Plant	New Johnsonville	TN	2211	17	0	0	0	0	0	20,812	3,230,218	25,846	0	0	0	0	0	0	1	3,276,877	3,276,877	
Ruby Hill Mine	Eureka	NV	2122	6	0	0	0	0	0	691	117	0	0	0	0	0	0	7	10,290,864	10,291,679		
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	0	46,187	7,823,176	376,465	0	0	0	0	0	0	1,764,386	3	10,010,218	
Detroit Edison Monroe Power Plant	Monroe	MI	2122	21	0	0	0	0	0	22,103	5,442,703	28,782	0	0	0	0	0	0	0	9,587,099	9,587,099	
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	9	0	0	0	0	0	502	9,906	903	0	0	0	0	0	0	0	11,310	11,310	
Brushy Creek Mine/Mill	Boss	MO	2122	3	0	0	0	0	0	0	2,719	0	7,632	0	0	0	0	0	0	9,264,151	9,264,151	
Koch Nitrogen Co LLC	Enid	OK	325	11	0	0	0	0	0	131,260	7,024,750	795,510	0	0	0	0	0	0	5	7,951,525	7,951,525	
Weyerhaeuser US Inc	Elgin	SC	325	27	0	0	0	0	0	68,071	52,252	11,404	0	0	0	0	0	0	0	112,328	112,328	
Flint River Mine/Mill	Centerville	MO	2122	3	0	0	0	0	0	3,592	0	99	0	0	0	0	0	0	0	7,833,200	7,842,977	
Pogo Mine	Delta Junction	AK	2122	20	0	0	0	0	0	4,158	122	180,240	0	0	0	0	0	0	0	7,786,270	7,770,798	
CF Industries Inc	Donaldsonville	LA	325	10	0	0	0	0	0	369,785	5,925,784	1,415,463	0	0	0	0	0	0	0	7,701,032	7,701,032	
Doer Run Co Herculesum Smelter	Herculesun	MO	331	10	0	0	0	0	0	988	34,086	610	0	0	0	0	0	0	0	7,438,471	7,474,135	
American Electric Power Muskingum River Plant	Beverly	OH	2211	18	0	0	0	0	0	310	6,540,078	8,400	0	0	0	0	0	0	0	7,335,877	7,335,877	
American Electric Power Big Sandy Plant	Louisia	KY	2211	18	0	0	0	0	0	1,030	5,817,293	8,862	0	122,402	0	0	0	0	0	0	6,798,248	
Keystone Power Plant	Shelota	PA	2211	17	0	0	0	863,575	863,575	119	6,775,964	18,564	0	0	0	0	0	0	0	6,794,646	7,658,222	
Erie Homer City Generation LP	Homer City	PA	2211	22	0	0	0	869,484	869,484	56	6,538,400	67,799	0	0	0	0	0	0	0	483	6,606,738	
US Silver - Idaho Inc	Wallace	ID	2122	7	0	0	0	0	0	268	0	79	0	0	0	0	0	0	0	2,176,306	4,342,900	
Kentucky Utilities Co Ghent Station	Milledgeville	GA	2211	17	0	0	0	0	0	0	4,732,772	9,282	0	0	0	0	0	0	0	1,395,039	0	
Scherer Steam Electric Generating Plant	Ghent	KY	2211	21	0	0	0	0	0	0	5,588	3,271,175	67,410	0	0	0	0	0	0	0	6,246,452	0
Branch Steam Electric Generating Plant	Juliette	GA	2211	20	0	0	0	0	0	36,000	849,066	23,364	0	0	0	0	0	0	0	5,023,507	0	
DSM Chemicals North America Inc	Augusta	GA	325	14	0	0	0	0	0	267,596	1,044,542	4,527,472	0	0	0	0	0	0	0	5,839,610	5,839,610	
Miller Steam Plant	Quinton	AL	2211	21	0	0	0	0	0	25,367	524,444	7,840	0	0	0	0	0	0	0	5,205,431	0	
Big Rivers Electric Corp Reid/Green/HMP&L Station II	Robards	KY	2211	17	0	0	0	224,656	224,656	5	4,498,490	5,976	0	0	0	0	0	0	0	1,131,240	0	
DuPont Chambers Works	Deepwater	NJ	325	63	0	91,765	179,899	271,754	1,255	68,419	5,354,113	0	0	0	0	0	0	0	0	2,473	5,444,260	
AK Steel Corp Coshocton Works	Coshocton	OH	331	8	0	0	0	0	0	511	22,050	5,500,750	0	0	0	0	0	0	0	0	5,523,311	5,523,311
American Electric Power Cardinal Plant	Brilliant	OH	2211	19	0	0	0	48,577	48,577	800	3,786,715	10,986	0	179,964	0	0	0	0	0	0	341,476	0
Louisville Gas & Electric Co - Mill Creek Station	Louisville	KY	2211	19	0	0	0	1,010,231	1,010,231	2,316	5,109,772	23,548	0	0	0	0	0	0	0	0	5,477,112	6,487,343
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	20	0	0	0	0	0	56,000	1,371,637	28,540	0	0	0	0	0	0	0	4,016,417	0	
US Magnesium LLC	Rowley	UT	331	8	0	0	0	0	0	151,605	5,302,957	0	0	0	0	0	0	0	0	1,844	0	
New Roads	New Roads	LA	2211	16	0	0	0	0	0	1,024	761,395	530	0	0	0	0	0	0	0	3,236,897	0	
Big Cajun 2	Petersburg	IN	2211	20	0	0	0	14,653	14,653	2,427	3,809,507	398	0	0	0	0	0	0	0	224,315	0	
IPL Petersburg																			4,036,646	4,051,299		

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 (5.5.1.A), Other Landfills (5.5.1.B), Fugitive Non-point Air Emissions (5.5.2), 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 (5.5.3), Off-site Disposal or Other Releases including 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 Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal 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, 2010

Facility	Off-site Disposal to Class I Underground Injection										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	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 Class II-V Wells Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Broker for Disposal Pounds	Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, transfers to POTWs (metals and metal category compounds only)	Total Off-site Disposal or Other Releases Pounds						
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	77,395,672	77,395,672			
Newmont Mining Corp Copper Canyon Facility	0	964	0	964	0	0	0	0	0	0	0	0	0	0	0	0	0	208,127,221	208,126,230			
Newmont Mining Corp Twin Creeks Mine	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	169,175,460	169,173,542			
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	17,168	0	0	0	0	0	0	0	0	0	160,753,464	160,753,464			
Hecla Grand Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,198,468	47,185,468			
ASARCO LULU Smelter/Hayden Smelter & Concentrator	0	230	0	230	0	0	0	0	0	0	0	0	0	0	0	0	0	250	31,020,463	31,020,463		
Barrick Goldstrike Mines Inc	0	671	0	671	0	0	0	0	0	0	0	0	0	0	0	0	0	671	29,261,541	29,254,201		
Freepoint McMurran Miami Inc	0	0	0	0	0	0	0	294	5	5,717	0	0	0	0	0	0	1,520	770,186	25,395,313			
AK Steel Corp (Rockport Works)	0	0	962,826	962,826	0	13,014	0	0	0	0	0	0	0	0	0	0	13,014	975,840	25,294,057			
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	24,305,733	24,307,349		
Kennecott Utah Copper Smelter & Refinery	0	0	1,146	1,146	0	0	0	0	0	0	0	0	0	0	0	0	0	10,512	10,566	11,711		
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	19,786,973	19,786,973	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,894,016	18,894,016	
Newmont Mining Corp - Carlin South Area	0	2,203	0	2,203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,203	16,357,404	16,354,470	
P4 Production LLC	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	4,686	0	4,722	16,157,407	
Buck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,921,688	
Nyrstar Clarksburg Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,065,136	
US Army Radford Army Ammunition Plant	0	23,800	4,089	27,889	0	0	0	0	0	0	0	0	0	0	0	0	0	1,984	13,185	1,200	12,517,960	
Tronox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,401,565	
US TVA Johnsonville Fossil Plant	0	20	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,548,181	
Ruby Hill Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,291,679	
US TVA Paradise Fossil Plant	0	90	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,010,307	
Detroit Edison Monroe Power Plant	0	0	34,708	34,708	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,621,827	
Nucor Steel Tuscaloosa Inc	0	21,599	469,300	490,899	0	9,329,669	0	124	0	0	0	0	0	0	0	0	0	0	0	0	9,820,693	
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,932,003	
Koch Nitrogen Co LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,951,525	
Weyerhaeuser US Inc	0	0	0	0	0	0	0	7,779,362	1,860	0	0	0	0	0	0	0	0	0	0	0	7,887,860	
Fly Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,842,077	
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,770,876	
CF Industries Inc	0	0	15,233	15,233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,242,747	
Des Run Co Hydromine Smelter	0	0	0	0	0	0	0	271	0	0	0	0	0	0	0	0	0	0	0	0	7,716,274	
American Electric Power Muskingum River Plant	0	0	10,955	10,955	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,345,831	
American Electric Power Big Sandy Plant	0	0	2,304	2,304	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,798,248	
Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,758,222	
Erie Homer City Generation LP	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	7,490,358	
US Silver - Idaho Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,519,554	
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,137,092	
Kentucky Utilities Co Ghent Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,991,225	
Scherer Steam Electric Generating Plant	0	0	4,131	4,131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,931,940	
DSM Chemicals North America Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,850,325	
Miller Steam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,763,082	
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	0	0	0	0	5,635,712	
DuPont Chambers Works	0	36	10,437	10,473	0	0	0	0	0	0	0	0	0	0	0	1,709	0	160,597	0	0	172,779	
AK Steel Corp Coshocton Works	0	0	329,529	329,529	0	505	750	0	0	0	0	0	0	0	0	0	0	0	1,025	0	331,809	
American Electric Power Cardinal Plant	0	0	8,366	8,366	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,366	
Louisville Gas & Electric Co - Mill Creek Station	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	
Brown Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
US Magnesium LLC	0	0	0	0	0	22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	22	
Big Cajun 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,061,536	0	1,061,536		
IPL Petersburg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,008,351	

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 You Use TRI Data* document at [www.epa.gov/tri/program/FactorsToConPDF.pdf](http://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), Fugitive or Non-point Air Emissions (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M79), Underground Injection to Class II-V Wells (M62, M77), 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, 2010

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	14	0	0	0	0	229,100	811	8,430	0	0	0	301,960,916	475,196,396	777,395,653	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	27	27	6,484	521	0	0	0	68,087,202	140,032,023	208,126,230	
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	0	1,917	1,917	27,175	99,815	173	0	0	49,765,470	119,280,309	169,173,542	
Kenncott Utah Copper Mine Concentrators & Power Plant	Bingham Canyon	UT	2122	20	0	0	0	87,689	87,689	4,967	8,095	5,092	0	3,003	102,335,150	58,377,290	160,821,285	
Hecla Greens Creek Mining Co	Juneau	AK	2122	9	0	0	0	0	0	619	19,519	175	27,452,849	0	0	19,712,306	47,185,468	47,185,468
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	16	0	0	0	0	98,640	224,347	0	0	0	0	0	30,715,654	31,038,641	31,038,641
Barick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	0	6,669	6,669	308,091	17,092	0	0	0	23,472,454	5,456,564	29,254,201	
Freeport-McMoran Miami Inc	Claypool	AZ	2122	19	0	0	0	0	0	263,250	158,241	1,277	0	0	0	213,550	23,988,810	24,625,127
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	0	12,821	24,305,396	0	0	0	0	0	24,318,217
Cortez Gold Mines	Crescent Valley	NV	2122	13	0	0	0	1,384	1,384	18,308	130	0	0	0	14,709,128	9,579,777	24,307,343	
Kenncott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	675,344	675,344	6,547	100,226	5,528	0	30	0	23,189,833	4,303	23,306,467
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	11	0	0	0	0	0	44	109	933	0	0	0	8,007,567	11,778,320	19,768,973
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	0	250	0	0	0	0	0	4,554,405	14,339,381	18,894,016
Horseshoe Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	0	8,700	548,341	2,628	0	0	0	0	0	559,739
Neptune Mining Corp - Carlin South Area	Carlin	NV	2122	20	0	0	0	731	731	28,696	2,352	5	0	17	0	15,458,630	865,203	16,353,800
Pd Production LLC	Soda Springs	ID	325	17	0	0	0	0	0	14,659	224,819	1,389	0	0	0	0	15,911,818	16,152,685
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	0	11,699	285	27,334	0	0	0	15,795,960	86,420	15,921,689
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	0	707	247,063	47,873	0	0	0	14,769,493	0	15,065,136
Cohesive Steam Electric Station	Cohesive	MT	2211	26	0	0	0	13,009,010	13,009,010	251	399,560	0	0	0	0	0	399,811	13,408,821
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	0	10,981,738	10,981,738	3,811	2,714,582	2,293	0	0	0	0	0	2,720,686
USS Gary Works	Gary	IN	331	46	0	0	0	9,985,766	9,985,766	295,275	267,830	2,021,582	0	0	0	0	0	2,604,687
US Army Radford Army Ammunition Plant	Radford	VA	ZZZ	14	0	0	0	0	0	28,720	437,539	12,006,602	0	0	0	0	0	12,473,701
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	0	31,870	220,566	178,152	0	0	27,843	10,943,134	0	11,401,565
ArcelorMittal USA LLC	East Chicago	IN	331	24	0	0	0	0	0	13,986	133,939	95,691	0	0	0	0	0	243,616
Perioa Disposal Co #1	Peoria	IL	562	11	0	55,975	0	55,975	0	5,055	0	6	0	0	0	0	0	5,061
US TVA Johnsonville Fossil Plant	New Johnsonville	TN	2211	17	0	0	0	0	0	20,812	3,230,218	25,846	0	0	0	0	1	3,276,877
Ruby Hill Mine	Eureka	NV	2122	6	0	0	0	0	0	691	117	0	0	0	0	7	10,290,864	10,291,679
US Steel Great Lakes Works	Corse	MI	331	23	0	0	0	0	0	46,230	206,400	74,054	0	0	0	0	0	326,684
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	0	46,187	7,823,176	376,465	0	0	0	1,764,386	3	10,010,218
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	9	0	0	0	0	0	502	9,906	903	0	0	0	0	0	11,310
Detroit Edison Monroe Power Plant	Monroe	MI	2211	21	0	0	0	0	0	22,103	5,442,703	28,782	0	0	0	4,093,510	0	9,587,099
USS Mon Valley Plant - Edgar Thomson Plant	Braddock	PA	331	15	0	0	0	0	0	76,351	2,971	133,446	0	0	0	0	0	212,768
Brushy Creek Mine/Mill	Boss	MO	2122	3	0	0	0	0	0	2,719	0	7,632	0	0	0	9,253,800	0	9,264,151
Severstal Dearborn LLC	Dearborn	MI	331	13	0	0	0	0	0	1,542	77,637	2,703	0	0	0	0	0	81,882
Koch Nitrogen Co LLC	Enid	OK	325	11	0	0	0	0	0	131,260	7,024,750	795,510	0	0	0	0	5	7,951,525
Weyerhaeuser Co Inc	Elgin	SC	325	27	0	0	0	0	0	58,971	52,252	1,141	0	0	0	0	0	11,232,88
Flamingo Mine/Mill	Centererville	MO	2122	3	0	0	0	0	0	3,592	99	6,096	0	0	0	7,833,200	0	7,842,977
Pogo Mine	Delta Junction	AK	2122	21	0	0	0	0	0	4,158	128	180,240	0	0	0	0	0	7,770,796
CF Industries Inc	Donaldsonville	LA	325	10	0	0	0	0	0	359,785	5,925,784	1,415,463	0	0	0	0	0	7,701,032
Keystone Power Plant	Shepley	PA	2211	17	0	0	0	863,575	863,575	119	6,775,064	18,564	0	0	0	0	0	6,704,646
Eme Homer City Generation LP	Homer City	PA	2211	22	0	0	0	863,484	863,484	56	6,538,400	67,799	0	0	0	0	483	6,606,738
One Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	0	968	34,086	610	0	0	0	7,438,471	0	7,474,135
International Paper Co - Mansfield Mill	Mansfield	LA	322	20	0	0	0	3,223,725	3,223,725	866,286	3,196,370	94,938	0	0	0	19,315	0	4,176,910
American Electric Power Muskingum River Plant	Beverly	OH	2211	18	0	0	0	0	0	310	6,540,078	8,400	0	0	0	787,044	45	7,335,877
US Steel Granite City Works	Granite City	IL	331	34	0	0	0	6,435,499	6,435,499	68,645	110,463	619,864	0	0	0	101,262	0	900,234
Xcel Energy Sherburne County Generating Plant	Becker	MN	2211	19	0	0	0	2,655,051	2,655,051	1,242	126,073	0	0	0	0	3,052,413	1,180,318	4,360,046
Gibson Generating Station	Owensville	IN	2211	22	0	0	0	1,950,621	1,950,621	6,790	2,229,889	0	0	0	0	2,156,229	607,496	5,000,404
Harrison Power Station	Haywood	WV	2211	18	0	0	0	2,068,590	2,068,590	7,233	4,847,426	3,040	0	0	0	0	0	4,857,698
American Electric Power Big Sandy Plant	Louisia	KY	2211	18	0	0	0	0	0	1,030	5,817,293	8,862	0	0	0	0	48	6,798,248
Martin Lake Steam Electric Station & Lignite Mine	Tatum	TX	2211	19	0	0	0	5,622,275	5,622,275	4	869,210	3	0	0	0	0	0	869,216

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 Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments, 2010

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	Solidification/ Stabilization (Metals and Metal Category Compounds Only)	POTWs (Metals and Metal Category Compounds Only)	Transfers to POTWs (Metals and Metal Category Compounds Only)	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	0	19	19	777,395,672	
Newmont Mining Corp Copper Canyon Facility	0	964	0	964	0	0	0	0	0	0	0	0	0	0	0	0	964	208,127,221
Newmont Mining Corp Twin Creeks Mine	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	169,175,459
Kenncott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	17,168	0	0	0	0	0	0	0	0	0	0	160,841,553	
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,185,468	
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	238	0	238	0	0	0	12	0	0	0	0	0	0	0	12	250	31,038,891
Barrick Goldstrike Mines Inc	0	671	0	671	0	0	0	0	0	0	0	0	0	0	0	0	671	29,261,541
Freeport-McMoran Miami Inc	0	0	0	0	0	294	5	5,717	0	0	0	0	0	0	1,520	770,186	25,395,313	
AK Steel Corp (Rockport Works)	0	0	962,826	962,826	0	13,014	0	0	0	0	0	0	0	0	0	0	975,840	25,294,057
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	6	24,308,733	
Kenncott Utah Copper Smelter & Refinery	0	0	1,146	1,146	0	0	0	0	0	0	0	54	0	10,512	0	10,566	11,711	23,993,522
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,786,973	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48,884,016	
Horseshoe Corp Monaca Smelter	0	0	16,532,377	16,532,377	0	50,350	0	0	0	0	0	0	57	0	0	0	50,407	16,582,784
Nautilus Mining Corp - Carlin South Area	0	2,203	0	2,203	0	0	0	0	0	0	0	0	0	0	0	0	2,203	18,971,523
P-14 Production LLC	0	0	0	0	0	365	0	0	0	0	0	0	0	0	0	4,722	0	16,157,407
Bucki Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,021,688	
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,026,136	
Coldstrip Steam Electric Station	0	1,254	2	1,256	0	0	0	0	0	0	0	0	0	505,870	257	0	506,127	507,383
DuPont Johnsonville Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,916,204
USS Gary Works	270	0	4,505	4,775	0	457,787	5	0	0	0	0	0	0	12,115	0	0	469,908	474,683
U.S. Army Radford Army Ammunition Plant	0	23,800	4,089	27,889	0	0	0	0	0	0	0	0	1,984	13,185	1,200	16,369	44,258	
Tronox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,401,565	
Arcelormittal USA LLC	0	0	10,738,531	10,738,531	1,624	289,597	0	0	0	0	0	0	0	0	0	0	291,221	11,029,752
Periora Disposal Co #1	0	0	11,090,084	11,090,084	0	0	0	113	0	0	0	0	0	0	0	0	113	11,090,197
US TVA Johnsonville Fossil Plant	0	20	0	20	0	0	0	0	0	0	0	7,271,304	0	0	0	0	7,271,324	
Ruby Hill Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,291,679	
US Steel Corp Great Lakes Works	0	0	9,217,294	9,217,294	0	651,670	0	56	0	0	0	0	0	2,566	0	0	654,292	9,871,586
US TVA Paradise Fossil Plant	0	90	0	90	0	0	0	0	0	0	0	0	0	0	0	0	90	10,010,307
Nucor Steel Tuscaloosa Inc	0	21,599	469,300	490,899	0	9,329,669	0	124	0	0	0	0	0	0	0	0	9,329,793	9,820,693
Detroit Edison Monroe Power Plant	0	0	34,708	34,708	0	0	0	0	0	0	0	0	0	21	0	21	34,729	9,621,827
USS Mon Valley Works - Edgar Thomson Plant	0	0	9,287,190	9,287,190	0	0	0	0	0	0	0	0	0	3	149	0	152	9,287,342
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,264,151
Severstal Dearborn LLC	0	28	8,289,183	8,289,211	0	199,396	3,129	0	0	0	0	0	0	0	0	0	0	9,264,151
Koch Nitrogen Co LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,951,525
Weyerhaeuser US Inc	0	0	0	0	0	0	0	7,779,362	1,860	0	0	0	0	0	0	4,310	7,778,532	7,778,532
Flyer Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,845,777
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	80	0	7,770,876
CF Industries Inc	0	0	15,233	15,233	0	0	0	0	0	0	0	0	0	9	0	0	15,242	7,716,274
Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,682,222
Eme Homer City Generation LP	0	0	0	0	0	0	3	0	0	0	0	0	0	14,019	0	114	0	14,136
Dee Run Co Hercules Smelter	0	0	0	0	0	271	0	1,221	0	0	0	0	0	0	0	0	1,492	1,492
International Paper Co - Mansfield Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,400,635
American Electric Power Muskingum River Plant	0	0	10,955	10,955	0	0	0	0	0	0	0	0	0	0	0	0	0	7,346,831
US Steel Granite City Works	0	0	0	0	0	0	174	0	0	0	0	0	0	968	0	0	1,142	7,336,875
Xcel Energy Sherburne County Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	32	7,015,128
Gibson Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	1	22	0	23	6,951,048
Harrison Power Station	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	6,926,298
American Electric Power Big Sandy Plant	0	0	2,304	2,304	0	0	0	0	0	0	0	0	0	0	0	0	0	6,800,552
Martin Lake Steam Electric Station & Lignite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,491,491

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](http://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 (5.1), 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 (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 (M84, M91), and Unknown (M89), and from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

## The 50 Facilities with Largest Total On-site Disposal or Other Releases, 2010

Facility	City	State	NAICS Code	Total Forms Number	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											
					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	14	0	0	0	0	229,100	811	8,430	0	0	0	301,960,916	475,196,396	777,395,653	19	777,395,672			
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	27	27	6,494	521	0	0	0	68,087,202	140,032,023	208,126,230	206,126,257	208,127,221			
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	0	1,917	1,917	27,175	99,815	173	0	0	49,765,470	119,280,909	169,173,542	1	169,175,460			
Kenncott Utah Copper Mine Concentrators & Power Plant	Bingham Canyon	UT	2122	20	0	0	0	87,689	87,689	4,967	8,095	5,092	0	3,003	0	58,377,290	160,733,592	160,821,285	20,269	160,841,553		
Hecla Green Creek Mining Co	Juneau	AK	2122	9	0	0	0	87,689	87,689	619	19,519	175	27,452,849	0	0	0	19,712,306	47,185,460	47,185,468	0	47,185,468	
Huntsman Petrochemical Corp	Cantonment	FL	325	34	32,288,956	0	0	0	32,288,956	26,682	108,193	0	0	0	0	0	0	0	32,423,832	5,603	32,429,435	
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	16	0	0	0	0	98,640	224,347	0	0	0	0	0	30,715,654	31,038,641	31,038,891	250	31,038,891		
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	0	6,669	6,669	308,091	17,092	0	0	0	23,472,454	5,456,564	29,254,201	671	29,261,541			
Freeport-McMoran Miami Inc	Claypool	AZ	2122	19	0	0	0	0	263,250	158,241	1,277	0	0	0	0	213,550	23,988,810	24,625,127	770,186	25,995,313		
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,821	24,305,396	0	0	0	0	0	0	0	24,318,217	24,318,217	25,294,057	
Cortez Gold Mines	Crescent Valley	NV	2122	13	0	0	0	1,384	1,384	18,308	130	0	0	0	0	14,709,128	9,579,777	24,307,343	6	24,308,733		
Kenncott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	675,344	675,344	6,547	100,226	5,528	0	30	0	23,189,833	4,303	23,306,467	11,711	23,993,522		
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	23	21,335,708	0	0	21,335,708	20,956	85,891	1,013	0	0	0	0	0	0	21,443,568	3,030	21,446,598		
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	11	0	0	0	0	0	44	109	93	0	0	0	8,007,567	11,778,320	19,786,973	0	19,786,973		
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	0	250	0	0	0	0	0	4,554,405	14,339,361	18,894,016	0	18,894,016		
Asplund Performance Materials - Chocolate Bayou Facility	Alvin	TX	325	44	17,792,318	321,140	0	18,113,457	27,285	141,598	9,041	0	0	0	0	1	177,924	18,291,382	44	18,291,426		
DuPont Basic Plant	Pas Christian	MS	325	24	16,533,286	0	381,974	16,915,263	4,727	1,052,653	1,868	0	0	0	0	1,658,626	17,201,230	12,407,401	0	12,407,401		
Monsanto Luina	Luling	LA	325	17	16,755,400	0	0	16,755,400	6,848	97,982	187,670	0	0	0	0	0	292,400	17,047,900	0	17,047,800		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	22	0	0	731	731	28,096	2,352	5	0	17	0	15,458,800	865,200	16,355,469	2,203	16,357,404			
P4 Production LLC	Soda Springs	ID	325	17	0	0	0	0	14,659	224,819	1,389	0	0	0	0	15,911,818	16,152,685	16,152,685	4,722	16,157,407		
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	11,689	285	27,334	0	0	0	0	15,795,960	86,420	15,921,688	0	15,921,688		
Cytec Industries Inc Fortier Plant	Westwego	LA	325	19	15,247,431	0	0	15,247,431	14,423	315,676	34,441	0	0	0	0	0	364,540	15,611,971	30	15,612,001		
Nyrstar Clarksville Park	Clarksville	TN	2122	10	0	0	0	0	707	247,063	47,873	0	0	0	0	14,769,493	0	15,065,136	0	15,065,136		
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	10,981,738	10,981,738	3,811	2,714,582	2,293	0	0	0	0	0	2,720,686	13,702,424	0	13,702,424		
Colstrip Steam Electric Station	Colstrip	MT	2211	26	0	0	13,009,010	13,009,010	251	399,560	0	0	0	0	0	0	399,811	13,408,821	507,383	13,916,204		
USS Gary Works	Gary	IN	331	46	0	0	9,985,766	9,985,766	295,275	287,830	2,021,582	0	0	0	0	0	2,604,687	12,590,453	474,483	13,065,136		
US Army Radford Army Ammunition Plant	Radford	VA	ZZZ	14	0	0	0	0	28,720	437,539	12,006,602	0	0	0	0	840	12,473,701	12,473,701	44,258	12,517,960		
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	31,870	220,566	178,152	0	0	0	0	27,843	10,943,134	0	11,401,565			
Ruby Hill Mine	Eureka	NV	2122	6	0	0	0	0	691	117	0	0	0	0	0	7	10,290,864	10,291,679	0	10,291,679		
Ineos USA LLC	Lima	OH	325	35	9,867,504	0	0	9,867,504	16,693	159,314	0	0	0	0	0	0	176,007	10,043,511	1,030	10,044,541		
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	46,187	7,823,176	376,465	0	0	0	0	0	1,764,386	3,10,010,218	90	10,010,307		
Detroit Edison Monroe Power Plant	Monroe	MI	2211	21	0	0	0	0	22,103	5,442,703	28,782	0	0	0	0	0	4,093,510	0	9,587,099	34,729	9,621,827	
Vickery Environmental Inc	Vickery	OH	562	19	9,574,712	0	0	9,574,712	0	0	0	0	0	0	0	0	0	9,574,712	13,698	9,588,410		
Brushy Creek Mine/Mill	Boss	MO	2122	3	0	0	0	0	2,719	0	7,632	0	0	0	0	0	9,253,800	0	9,264,151	0	9,264,151	
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	30	0	9,010,319	322	9,010,641	872	302	0	0	0	0	0	0	0	1,174	9,011,814	0	9,011,814	
Clean Harbors Buttonwillow LLC	Buttonwillow	CA	562	25	0	5,923,425	3,036,250	8,895,675	575	5	0	0	0	0	0	0	581	8,960,256	49,267	9,009,522		
Angus Chemical Co	Sterlington	LA	325	12	8,189,083	0	0	8,189,083	4,819	104,108	264,768	0	0	0	0	50	0	373,486	8,562,764	4,290	8,567,054	
USEC Ecology Idaho Inc	Grand View	ID	562	26	0	8,557,967	0	8,557,967	4,819	143	173	0	0	0	0	0	8,556,826	8,558,823	0	8,559,037		
Chemcor Waste Management of the Northwest Inc	Arlington	OR	391	10	0	8,155,324	105,410	8,260,734	5,316	17,000	0	0	0	0	0	1	29,355	8,290,868	324	8,290,868		
Koch Nitrogen Co LLC	Erin	OK	325	11	0	0	0	0	0	131,260	7,024,750	795,510	0	0	0	0	0	5	7,951,625	7,951,625	0	7,951,625
Fletcher Mine/Mill	Centerline	MO	2122	3	0	0	0	0	3,582	99	6,096	0	0	0	0	0	0	7,842,977	0	7,842,977	0	7,842,977
Pogo Mine	Delta Junction	AK	2122	21	0	0	0	0	4,188	128	180,240	0	0	0	0	0	0	7,833,200	0	7,842,977	0	7,842,977
CF Industries Inc	Donaldsonville	LA	325	10	0	0	0	0	0	359,785	5,925,784	1,415,463	0	0	0	0	0	0	7,586,270	7,770,796	80	7,770,796
Keystone Power Plant	Sheolecta	PA	2211	17	0	0	863,575	863,575	119	6,775,964	18,165,643	0	0	0	0	0	0	0	6,794,646	7,658,222	0	7,658,222
Dyno Nobel Inc - Cheyenne Plant	Cheyenne	WY	325	8	7,145,800	0	0	7,145,800	206,800	152,850	0	0	0	0	0	0	0	359,650	7,505,450	0	7,505,450	
Eme Homer City Generation LP	Homer City	PA	2211	22	0	0	869,484	869,484	56	6,538,400	67,799	0	0	0	0	0	0	483	6,606,734	7,476,222	14,136	7,476,228
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	0	968	34,086	610	0	0	0	0	0	7,438,471	7,474,135	7,474,135	1,492	7,475,627
International Paper Co - Mansfield Mill	Mansfield	LA	322	20	0	0	3,223,725	3,223,725	866,286	3,196,370	94,938	0	0	0	0	0	19,315	0	4,176,910	7,400,635	0	7,400,635
American Electric Power Muskingum River Plant	Beverly	OH	2211	18	0	0	0	0	310	6,540,078	8,400	0	0	0	0	0	787,044	45	7,335,877	10,955	7,346,831	
Steel Granite City Works	Granite City	IL	331	34	0	0	6,433,499	6,435,499	68,645	110,463	619,864	0	0	0	0	0	101,262	0	900,234	7,335,733	1,142	7,336,875

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](http://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

## The 50 Facilities with Largest Total Off-site Disposal or Other Releases, 2010

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases Pounds	Off-site Disposal or Other Releases												Total On-site Disposal or 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	Other Landfills	Subtotal Pounds	Storage Only Pounds	Solidification/ Stabilization (Metals and Compounds Only) Pounds	Wastewater Treatment (Excluding Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Treatment Pounds	Land Disposal Pounds	Other Land Disposal Pounds	Other Off-site Waste Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds							
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	559,739	0	0	16,323,217	16,323,217	0	0	0	0	0	0	0	0	0	0	50,413	16,322,784	17,262,263						
Pearl District Co #1	Pearl	IL	592	11	6,000	0	0	11,084,984	11,084,984	0	0	0	0	0	0	0	0	0	0	0	113	11,084,984	11,151,233					
ArcelorMittal USA LLC	East Chicago	IN	331	24	243,616	0	0	10,738,631	10,738,631	1,624	289,597	0	0	0	0	0	0	0	0	0	291,221	11,039,752	11,273,368					
US Steel Corp Great Lakes Works	Ecorse	MI	331	23	326,684	0	0	9,217,294	9,217,294	0	651,670	0	56	0	0	0	0	0	0	0	0	654,292	9,871,596	10,198,270				
Nucor Steel Tuscaloosa Inc.	Tuscaloosa	AL	331	9	11,310	0	21,599	469,300	490,899	0	9,329,669	0	124	0	0	0	0	0	0	0	0	9,329,793	9,820,693	9,832,003				
US Mon Valley Works - Edgar Thomson Plant	Braddock	PA	331	15	212,768	0	0	9,287,190	9,287,190	0	0	0	0	0	0	0	0	0	0	0	0	152	9,287,342	9,500,110				
Sverstal Dearborn LLC	Dearborn	MI	331	13	81,882	0	0	8,289,183	8,289,211	0	199,396	3,129	0	0	0	0	0	0	0	0	0	0	202,526	8,491,736	8,573,618			
Weycham US Inc	Elgin	SC	325	27	112,328	0	0	0	0	0	7,779,362	1,860	0	0	0	0	0	0	0	0	0	0	0	4,310	7,785,532	7,785,532		
US Mon Valley Fossil Plant	New Johnsonville	TN	221	1	3,270,777	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heritage Environmental Services LLC	Indianapolis	IN	562	14	2,557	0	6,370,505	74,210	64,531,715	0	0	0	528	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steel Dynamics Inc - Engineered Bar Products Div	Pittsburgh	PA	331	7	14,067	0	6,914,672	0	6,914,672	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sterling Steel Co LLC	Sterling	IL	331	5	9,282	0	0	1,222,189	1,222,189	0	4,641,034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
North American Stainless	Ghent	KY	331	10	3,225,877	0	4,519,255	404,820	4,924,074	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Basin Electric Antelope Valley Station	Beulah	ND	221	17	124,574	0	0	4,800,003	4,800,003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
DuPont Edge Moor	Edgemore	DE	325	22	315,239	0	0	4,371,930	4,371,930	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Cascadia Rolling Mills Inc	McMinnville	OR	331	6	4,762	0	4,303,725	0	4,303,725	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Quartermaster Inc	Quartermaster	IN	331	5	1,241	0	944,310	3,124,216	4,088,526	0	0	489	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Thyssenkrupp Waupaca - Plant 5	Tell City	IN	331	15	135,203	0	0	3,889,994	3,889,994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Nucor Steel-Berkeley	Hager	SC	331	13	19,433	0	2,892	3,750,388	3,753,280	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Evonik Cyro LLC - MMA Plant	Westwego	LA	325	10	16,692	3,745,198	0	0	340	3,745,538	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Felman Production Inc	New Haven	WV	331	5	159,283	0	0	0	0	0	3,468,470	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ArcelorMittal Riverdale Inc	Riverdale	IL	331	9	33,788	0	0	3,344,341	3,344,341	0	120,069	0	388	0	0	0	0	0	0	0	0	0	0	0	0			
Invisa SARL - Orange Site	Orange	TX	325	15	700,074	0	260,162	505	260,667	0	0	1,600,630	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Nucor Steel & Wdg	Port	IL	331	1	6,208	0	0	93	0	0	3,219,571	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
San Juan Generating Station	Waterford	NM	221	1	63,390	0	0	3,076,410	3,076,410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ArcelorMittal Laplace LLC	La Place	LA	331	8	26,801	0	0	2,936,987	2,936,987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Charter Steel Cleveland	Cuyahoga Heights OH	OH	331	6	17,742	0	0	0	16	0	2,822,628	0	39,138	0	0	0	0	0	0	0	0	0	0	0	0			
EO Detroit Inc	Detroit	MI	562	38	17,249	7,561	8,774	2,721,613	2,737,948	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Chocaw Generation LP	Ackerman	MS	221	14	117,578	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
AK Steel Corp Mansfield Works	Mansfield	OH	331	8	25,241	0	2,452,624	0	2,452,624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
AK Steel Corp Mansfield OH	Stratton	OH	221	1	25,425,10	0	0	2,434,721	2,434,721	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sunoco Hormann North Coke Co	Franklin Furnace	OH	331	18	63,955	0	0	2	14,164	14,165	0	2,025,402	0	0	0	0	0	0	0	0	0	0	0	0	0			
Nucor Steel	Crawfordsville	IN	331	13	17,459	0	1,125,530	678,901	1,804,431	0	200,079	60,121	0	0	0	0	0	0	0	0	0	0	0	0	0			
St Johns River Power/NorthZilla Generating Station	Jacksonville	FL	221	21	3,597,026	0	0	2,059,127	2,059,127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ArcelorMittal Indiana Harbor LLC	East Chicago	IN	331	22	94,182	0	0	2,011,116	2,011,116	0	13,125	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ThyssenKrupp Steel USA LLC	Calvert	AL	331	4	96	0	0	2,019,004	2,019,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Bruce Mansfield Power Plant	Shippingport	PA	221	20	510,156	0	0	0	0	0	1,929,026	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Altair Specialty Steels	Alton	IL	331	5	15,804	0	0	0	34,193	34,193	0	1,929,026	0	0	0	0	0	0	0	0	0	0	0	0	0			
Structural Metals Inc	Seguin	TX	331	8	17,600	0	17,500	19,171,119	19,171,039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Federal-Mogul VSP	Glasgow	KY	336	6	10,213	0	0	0	9,274,036	9,274,036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Thyssenkrupp Waupaca Plant 2/3	Waupaca	WI	331	14	52,756	0	0	0	1,819,559	1,819,559	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Nucor Steel Marion Inc	Marion	OH	331	7	10,066	0	0	71,306	71,306	0	1,691,035	0	25	0	0	0	0	0	0	0	0	0	0	0	0			
American Electric Power Amos Plant	Winfield	WV	221	20	3,415,729	0	0	1,733,508	1,733,508	0	694	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Regal Ware West Bend	West Bend	WI	332	5	20	0	0	1,713,984	1,713,984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ADM	Decatur	IL	311	25	2,486,264	0	0	0	77,513	77,513	0	200,161	0	2,515	0	0	0	0	0	0	0	0	0	0	0	0		
Energizer Battery Manufacturing Inc	Menasha	WI	325	2	557	0	0	126,372	126,372	0	0	1,562,186	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Tri-State Generation & Transmission - Craig Station	Craig	CO	221	14	125,628	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Catalyst Refiners Inc	Nitro	WV	325	3	15	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0		
Pleasant Prairie Power Plant	Pleasant Prairie	WI	221	15	297,169	0	0	0	10,233	10,233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
AK Steel Corp - Zanesville Works	Zanesville	OH	331	8	253,367	1,551,611	1,551,611	0	15,509	15,509	1,567,120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 <a href="http://www

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: Carcinogen

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 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 Impoundments Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds				
2121 Coal Mining	0	0	497,152	497,152	132	76	339	7	438,394	0	318,387	38,603	795,937	1,293,089	9,483	1,302,573	
2122 Metal Mining	0	0	993,525	993,525	64,840	12,856	328,362	10,421,470	506	287,843	234,891,391	595,248,379	841,255,646	842,249,171	397,761	842,646,932	
2211 Electric Utilities	329	0	16,336,316	16,336,645	102,313	862,917	156,899	4	252,529	101,907	12,974,532	1,086,872	15,537,972	31,874,618	6,734,807	38,609,425	
311/312 Food/Beverages/Tobacco	1,313	0	0	1,313	194,032	1,587,135	8,725	0	3,335	0	690	4,051	1,797,969	1,799,282	474,826	2,274,108	
313/314 Textiles	0	0	0	0	50,729	47,540	38	0	0	0	726	0	99,034	99,034	69,379	168,413	
315 Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,480	5,480	
316 Leather	538	0	0	538	2,037	260	5	0	0	0	0	0	0	2,302	2,840	312,022	
321 Wood Products	0	438	7,424	7,861	313,874	1,573,206	6,047	0	507	0	163	2,073	1,895,870	1,903,731	274,595	2,178,326	
322 Paper	0	7,197	270,164	277,361	1,401,664	5,785,065	539,764	0	15,458	0	51,952	14,441	7,808,345	8,085,706	253,323	8,339,029	
323/51 Printing and Publishing	0	0	0	0	814	2,837	0	0	0	0	0	0	0	3,651	3,651	5,325	
324 Petroleum	113,355	28	771	114,154	1,517,489	1,497,310	30,973	72	20,520	2	4,998	24,110	3,095,473	3,209,628	1,702,383	4,912,011	
325 Chemicals	35,058,768	57,872	4,207,093	39,323,733	6,497,727	9,482,999	317,269	10	683	27,843	1,954,346	1,767,873	20,048,751	59,372,484	8,963,900	68,336,383	
326 Plastics and Rubber	0	0	105	105	3,280,714	9,878,956	618	0	0	0	4	257	13,160,549	13,160,655	1,857,023	15,017,677	
327 Stone/Clay/Glass	1,922	325	30,153	32,401	215,563	878,440	538	0	258	1	5,335	139,418	1,239,551	1,271,952	1,127,205	2,399,156	
32731 Cement	0	0	260,712	260,712	10,247	248,897	364	0	0	0	30	176	259,713	520,426	43,782	564,208	
331 Primary Metals	164,970	2,063,592	5,892,491	8,121,053	722,170	1,330,166	53,355	0	17	0	8,328,339	4,530,509	14,964,557	23,085,610	27,588,013	50,673,623	
332 Fabricated Metals	0	4	4,257	4,261	648,513	1,126,943	3,912	0	4,723	0	9	30,713	1,814,812	1,819,073	3,002,563	4,821,636	
333 Machinery	0	1	1,131	1,132	178,294	378,951	2,109	3	3	0	0	5,376	564,736	565,868	284,146	850,014	
334 Computers/Electronic Products	0	0	0	0	20,401	79,883	313	0	0	0	0	128	100,725	100,725	175,182	275,908	
335 Electrical Equipment	0	0	23,718	23,718	118,984	92,814	965	0	0	0	2,842	15,005	230,610	254,328	1,043,075	1,297,403	
336 Transportation Equipment	0	33,635	0	33,635	2,138,745	5,663,532	3,028	0	0	0	0	14,988	7,820,293	7,853,928	1,209,068	9,062,996	
337 Furniture	0	0	0	0	71,454	128,598	7	0	474	0	0	0	200,534	200,534	7,530	208,064	
339 Miscellaneous Manufacturing	0	0	0	0	103,598	932,033	401	0	0	0	0	0	1,036,031	1,036,031	78,381	1,114,412	
4246 Chemical Wholesalers	0	0	0	0	35,114	70,277	5	0	0	0	0	0	105,396	105,396	20,362	125,757	
4247 Petroleum Bulk Terminals	0	0	0	0	171,621	201,823	1,441	0	15	0	255	340	375,494	375,494	20,907	396,402	
562 Hazardous Waste Management	1,323,428	30,626,888	2,063,951	34,014,268	74,452	108,713	3,205	0	0	4,225	3,801,171	168,500	4,160,267	38,174,535	7,291,229	45,465,764	
No TRI NAICS Code	0	101,470	4,295,947	4,397,417	274,911	236,039	4,504	0	3,755	3,862	25,707	4,182,960	4,731,739	9,129,156	947,900	10,077,056	
Total	36,664,624	32,891,450	34,884,910	104,440,984	18,210,432	42,208,264	1,463,186	10,421,565	741,179	425,683	262,360,878	607,274,772	943,105,958	1,047,546,942	63,896,000	1,111,442,942	

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), 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, 2010: 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	3,317,755	2,652,044	5,969,798	1,074,927	1,675,647	132,120	0	1,109	0	1,794,707	148,420	4,826,929	10,796,728	2,083,419	12,880,146			
Alaska	0	0	11,485	11,485	21,405	8,864	194	10,417,028	0	0	110,225,263	224,760,693	345,433,448	345,444,933	3,086	345,448,018			
American Samoa	0	0	0	0	0	5	0	0	0	0	0	0	5	5	0	5			
Arizona	0	0	325,005	325,005	91,272	223,166	532	0	64	59,000	7,175,428	8,120,693	15,670,154	15,995,159	125,067	16,120,226			
Arkansas	13,132	2,945	316,365	332,442	354,442	993,958	60,260	10	13,322	0	693,305	38,018	2,153,314	2,485,756	433,953	2,919,709			
California	0	6,775,539	460,080	7,235,619	273,366	926,479	2,703	54	3,753	14	314	2,820,298	4,026,981	11,262,600	11,152,924	12,415,524			
Colorado	0	1,290,879	150,726	1,441,604	64,027	74,728	18	0	19	0	1,428,355	3,863,875	5,431,023	6,872,628	124,346	6,996,974			
Connecticut	0	0	478	478	117,505	191,894	900	0	0	0	0	6,803	317,102	317,580	246,684	564,264			
Delaware	0	0	13,747	13,747	21,304	117,439	1,755	0	0	0	500	615	141,613	155,360	573,307	728,667			
District of Columbia	0	0	0	0	0	56	0	0	0	0	0	0	56	2,654	2,710				
Florida	26,292	0	1,997,882	2,024,174	474,951	1,645,058	56,197	0	1,110	0	26,846	70,842	2,275,004	4,299,179	569,797	4,868,975			
Georgia	0	55	206,379	206,434	429,728	1,997,613	61,414	0	55	0	1,994,498	363,059	4,846,367	5,052,801	233,990	5,286,792			
Guam	0	0	0	0	71,716	7,136	0	0	0	0	29	3,070	81,951	81,951	18	81,969			
Hawaii	0	0	0	0	14,267	36,598	403	6	0	0	0	87,843	139,117	139,117	5,705	144,822			
Idaho	0	1,572,656	118,243	1,690,899	55,403	190,962	11,513	0	222	228,843	2,188,139	6,401,119	9,076,200	10,767,099	281,843	11,048,942			
Illinois	0	5,285	308,082	313,367	523,284	1,709,253	12,875	0	8,930	0	281,517	43,579	2,579,438	2,892,806	3,033,704	5,926,510			
Indiana	34,980	110,267	2,262,860	2,408,107	1,797,057	2,865,908	23,362	0	257,326	0	1,653,463	542,922	7,140,036	9,548,144	10,467,746	20,015,890			
Iowa	0	0	225,325	225,325	148,531	1,249,841	14,964	0	758	0	22,782	5,682	1,442,558	1,667,883	487,753	2,155,636			
Kansas	63,943	0	295,120	359,063	432,345	92,940	349	0	0	0	17,738	29,974	1,403,346	1,762,409	672,149	2,434,557			
Kentucky	1,923	0	1,298,179	1,300,102	665,017	887,888	54,000	0	25,471	0	2,482,140	276,617	4,391,134	5,691,236	4,259,022	9,950,258			
Louisiana	14,312,607	2,200,341	714,015	17,226,963	1,334,651	2,337,873	192,544	0	693	0	421,054	152,818	4,439,632	21,666,595	878,663	22,545,258			
Maine	0	8	12,291	12,299	95,982	224,408	12,604	0	0	0	0	38	333,032	345,331	201,162	546,493			
Maryland	0	0	119,885	119,885	53,310	292,633	1,359	7	154,723	0	0	22,255	524,287	644,172	776,889	1,421,061			
Massachusetts	0	0	1,457	1,457	43,921	101,183	4,307	0	0	0	495	17,154	167,060	168,517	225,300	393,817			
Michigan	35,000	2,265,590	229,680	2,530,270	345,487	1,070,617	8,964	0	250	0	353,066	67,973	1,846,357	4,376,627	5,119,310	9,495,936			
Minnesota	0	4,539	69,948	74,487	115,599	772,975	1,200	0	0	0	106,420	80,995	1,077,189	1,151,676	439,944	1,591,620			
Mississippi	3,001,749	0	133,198	314,947	205,834	936,329	21,662	0	0	27,843	867,480	88,366	2,147,514	5,282,460	521,130	5,803,590			
Missouri	0	1,931,749	137,321	2,069,070	1,041,071	737,635	11,754	0	7	0	19,521,624	1,474,965	22,787,056	24,856,126	603,677	25,459,803			
Montana	0	29	320,891	320,920	36,207	296,425	59	4,442	420	0	200,497	6,280,072	6,818,121	7,139,041	404,857	7,543,897			
Nebraska	0	0	231,155	231,155	32,483	462,418	353	0	0	0	0	166,880	662,135	893,290	184,040	1,077,330			
Nevada	0	1,143,012	249,926	1,392,938	19,130	19,607	315,138	0	16	0	70,889,731	287,286,838	358,530,460	359,923,397	159,604	360,083,001			
New Hampshire	0	0	2,226	2,226	18,188	44,429	57	0	0	0	0	0	62,674	64,900	42,753	107,653			
New Jersey	0	26,336	0	26,336	77,463	161,499	6,881	0	0	3,862	0	80,920	330,625	356,961	803,295	1,160,256			
New Mexico	5	0	430,707	430,712	66,733	49,639	181	0	0	0	137,909	2,608,133	2,862,597	3,293,309	39,398	3,332,707			
New York	0	163,500	153,319	318,819	129,096	344,002	20,309	0	0	0	261	85,600	579,268	896,087	1,611,284	2,507,371			
North Carolina	0	33,635	2,256,475	2,290,110	256,963	1,352,585	45,957	0	99	5,300	1,472,548	852,256	3,985,709	6,275,819	578,788	6,854,606			
North Dakota	0	0	191,820	191,820	42,857	570,657	599	16	0	0	226,766	6,275	847,170	1,038,990	406,600	1,445,590			
Northern Mariana Islands	0	0	0	0	143	417	76	0	0	0	1	0	637	379	1,016				
Ohio	3,173,762	799,325	1,649,826	5,622,913	779,415	1,206,927	43,166	0	115,723	96,603	1,569,841	44,226	3,855,901	9,478,814	6,007,089	15,485,902			
Oklahoma	0	2,676,513	50,449	2,726,962	214,259	478,107	7,010	0	1,153	0	16,119	75,593	792,241	3,519,203	224,568	3,743,771			
Oregon	0	3,913,801	53,188	3,966,989	238,584	522,280	17,228	0	12	4,211	147	7,743	790,205	4,757,193	108,358	4,865,551			
Pennsylvania	0	0	1,248,221	1,248,221	527,725	1,574,698	24,790	0	7,624	5	3,801,846	560,393	6,497,081	7,745,302	6,940,698	14,686,000			
Puerto Rico	0	0	0	0	115,421	217,054	137	0	0	0	0	8,098	340,710	340,710	76,646	417,356			
Rhode Island	0	0	0	0	5,059	41,112	26	0	0	0	0	1,350	47,547	47,547	36,074	83,621			
South Carolina	0	323	234,214	234,537	1,287,368	1,967,724	101,735	0	203	0	448,155	276,200	4,081,384	4,315,922	1,344,189	5,660,111			
South Dakota	0	0	830,260	830,260	16,507	237,025	651	0	0	0	72	1	254,255	1,084,515	5,528	1,090,043			
Tennessee	0	4,668	2,387,502	2,392,170	578,295	2,100,555	43,799	0	1	0	4,303,482	56,049	7,082,180	9,474,350	1,131,488	10,605,838			
Texas	16,001,231	1,214,143	2,109,446	19,324,819	2,684,134	5,562,825	61,926	0	91,239	2	604,234	446,497	9,450,857	28,775,676	6,032,523	34,808,200			
Utah	0	3,427,258	3,797,824	7,225,083	57,098	148,818	2,273	0	619	0	26,320,043	58,377,227	84,906,078	92,131,161	270,374	92,401,535			
Vermont	0	0	3	3	398	14,384	0	0	0	0	0	11,105	25,886	25,886	41	25,929			
Virgin Islands	0	0	0	0	10,344	35,002	2	0	9,733	0	0	111	55,192	55,192	19,012	74,204			
Virginia	0	0	329,128	329,128	305,342	671,643	21,482	0	4,730	0	248,868	273,511	1,525,576	1,854,704	593,413	2,448,117			
Washington	0	11,236	4,170,044	4,181,280	258,110	664,542	38,821	3	560	0	204,214	167,760	1,334,009	5,515,288	294,357	5,809,645			
West Virginia	0	63	1,714,175	1,714,238	242,616	460,816	16,242	0	41,234	0	572,809	54,150	1,387,867	3,102,105	1,715,986	4,818,092			
Wisconsin	0	0	18,884	18,884	287,106	700,487	6,313	0	0	0	54	58,728	1,052,688	1,071,571	1,274,044	2,345,615			
Wyoming	0	0	395,433	395,433	56,986	103,503	21	0	2	0	88,120	372	249,003	644,437	67,376	711,813			
Total	36,664,624	32,891,450	34,884,910	104,440,984	18,210,432	42,208,264	1,463,186	10,421,565	741,179	425,683	262,360,878	607,274,772	943,105,958	1,047,546,942	63,896,000	1,111,442,942			

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, 2010: 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	7	0	0	0	0	6,963	443	61	0	0	0	109,578,458	211,176,066	320,761,991	320,761,991				
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	5	0	0	1,661	1,661	4,690	272	9	0	0	0	33,838,802	118,135,875	151,979,648	151,981,309				
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	3	0	0	0	0	5,418	2	0	0	0	0	4,639,000	140,000,210	144,644,630	144,644,630				
Kenecott Utah Copper Mine Concentrators & Power Plant	Bingham Canyon	UT	2122	6	0	0	11,647	11,647	1,083	194	1,123	0	469	0	18,740,036	58,342,965	77,085,869	77,097,516				
Cortez Gold Mines	Crescent Valley	NV	2122	5	0	0	0	1,185	1,185	557	1	0	0	0	0	10,662,369	9,207,601	19,870,529	19,871,713			
Hecla Green Creek Mining Co	Juneau	AK	2122	3	0	0	0	0	179	513	26	0	0	0	0	0	7,678,041	18,095,786	18,095,786			
Barrick Goldstrike Mines Inc	Elko	NV	2122	8	0	0	2,693	2,693	539	141	0	0	0	0	0	12,519,065	3,927,403	16,447,148	16,449,841			
Monsanto Luling	Luling	LA	325	6	10,122,500	0	0	10,122,500	2,300	36,000	6,590	0	0	0	0	0	0	0	0	10,167,390		
Ruby Hill Mine	Eureka	NV	2122	2	0	0	0	0	308	0	0	0	0	0	0	0	7	10,042,530	10,042,845	10,042,845		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	5	0	0	0	275	275	625	204	0	0	16	0	8,462,000	830,000	9,292,845	9,293,120			
Buck Mine/Mill	Boss	MO	2122	2	0	0	0	0	8,691	220	4,555	0	0	0	0	8,584,760	72,020	8,670,250	8,670,250			
Kennecott Utah Copper Smelter & Refinery	Magna	UT	31	7	0	0	77,863	77,863	1,769	9,304	1,076	0	5	0	0	7,498,079	1,305,751	7,513,821	7,513,821			
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	6	7,075,826	0	0	7,075,826	1,812	12,597	0	0	0	0	0	0	0	14,399	7,090,225			
Ascend Performance Materials - Chocolate Bayou Facility	Akin	TX	325	13	6,546,676	10	0	6,546,686	9,182	51,125	0	0	0	0	0	0	0	60,307	6,606,994			
Pogo Mine	Delta Junction	AK	2122	7	0	0	0	0	278	10	30	0	0	0	0	0	5,162,800	5,163,118	5,163,118			
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	3,155	80	3,437	0	0	0	0	4,699,920	0	4,708,592	4,708,592			
US DOE Hanford Site	Richland	WA	ZZZ	2	0	11,143	4,166,028	4,177,171	6	1	0	0	0	0	0	1	9,184	9,192	4,186,363			
Montana Resources LLP	Butte	MT	2122	3	0	0	0	0	250	0	0	0	0	0	0	106,246	4,044,342	4,150,838	4,150,838			
Nyrstar Clarksville Inc	Clarksville	TN	2122	2	0	0	0	0	7	1,355	1,009	0	0	0	0	4,144,125	0	4,146,496	4,146,496			
Hecla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	4	0	0	0	0	26	86	62	0	0	0	0	1,430,577	2,581,894	4,012,645	4,012,645			
Brushy Creek Mine/Mill	Boss	MO	2122	1	0	0	0	0	2,067	0	1,210	0	0	0	0	3,965,920	0	3,969,197	3,969,197			
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	15	0	3,913,801	39,155	3,952,956	43	3,462	0	0	0	0	4,211	0	0	7,715	3,960,671			
US Steel Corp Great Lakes Works	Ecorse	MI	331	7	0	0	0	0	79	45,039	33	0	0	0	0	0	0	45,151	45,151			
Clean Harbors Buttonwillow LLC	Buttonwillow	CA	562	11	0	3,369,862	445,758	3,815,620	215	4	0	0	0	0	0	0	0	0	219	3,815,839		
Max Environmental -- Yukon	Yukon	PA	562	3	0	0	0	0	3,455	0	530	0	0	0	0	3,801,102	0	3,805,087	3,805,087			
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	82	0	0	0	0	0	0	0	3,759,614	3,759,696	3,759,696			
Quemeticco Inc	Indianapolis	IN	331	4	0	0	0	0	0	981	0	0	0	0	0	0	0	0	981	981		
Chemical Waste Management Inc	Kettleman City	CA	562	11	0	3,405,671	2,957	3,408,628	561	38	0	0	0	0	0	14	0	0	613	3,409,241		
Chemical Waste Management	Emelle	AL	562	13	0	3,317,689	0	3,317,689	6	688	0	0	0	0	0	0	0	0	692	3,318,380		
Freepoint-McMoran Miami Inc	Claypool	AZ	2122	7	0	0	0	0	10,790	6,670	516	0	0	0	0	2,550	3,147,000	3,167,526	3,167,526			
Invisa SARL - Orange Site	Orange	TX	325	5	53,000	0	0	53,000	14,500	60,274	0	0	0	0	0	0	0	74,774	127,774			
North American Stainless	Ghent	KY	331	3	0	0	0	0	0	10,737	2,332	0	0	0	0	0	0	13,069	13,069			
DuPont Dashville Plant	Pass Christian	MS	325	8	3,001,749	0	35,457	3,037,206	0	220	253	0	0	0	0	0	0	473	3,037,063			
Heritage Environmental Services LLC	Indianapolis	IN	562	3	0	0	0	0	0	0	251	260	0	0	0	0	0	0	511	511		
Enviro Solutions LLC	Olive	UT	562	7	0	1,160,571	1,575,760	2,736,334	0	0	0	0	0	0	0	0	0	0	2,736,331			
Angus Chemical Co	Sterlington	LA	325	4	2,685,423	0	0	2,685,423	1,892	36,127	353	0	0	0	0	50	0	36,422	2,723,845			
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	9	0	2,676,513	322	2,676,835	72	83	0	0	0	0	0	0	0	0	155	2,676,989		
ASARCO Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	6	0	0	0	0	10,278	3,739	0	0	0	0	0	0	0	0	0			
Wayne Disposal Inc	Belleview	MI	562	21	0	2,242,187	0	2,242,187	4	42	0	0	0	0	0	0	0	0	46	2,242,233		
Thompson Creek Mining Co	Clayton	ID	2122	2	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0	2,469,145		
Freepoint McMoran Tyrone Inc	Tyrone	NM	2122	2	0	0	0	0	847	0	79	0	0	0	0	0	0	0	0	2,430,926		
Mesquite Mine	Brawley	CA	2122	1	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	2,381,776		
Ineos USA LLC	Lima	OH	325	11	2,305,627	0	0	2,305,627	5,682	37,410	0	0	0	0	0	0	0	0	43,092	2,348,719		
Sanders Lead Co Inc	Troy	AL	331	4	0	0	2,299,738	2,299,738	2,572	534	424	0	0	0	0	0	0	0	3,530	2,303,268		
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	10	0	2,266,687	0	2,266,687	11	0	0	0	0	0	0	0	0	0	0	2,266,698		
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	163	163	163	0	0	0	0	0	0	0	0	0	0	2,215,305		
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	8	0	2,199,932	0	2,199,932	102	0	0	0	0	0	0	0	0	0	102	2,200,034		
Freepoint-McMoran Sierraña Inc	Green Valley	AZ	2122	5	0	0	0	0	99	18	0	0	0	0	0	0	1,276,000	821,010	2,097,128	2,097,128		
Sweetwater Mine/Mill	Ellington	MO	2122	1	0	0	0	0	3,014	0	460	0	0	0	0	0	2,026,000	0	2,029,474	2,029,474		
Buck Resource Recycling Facility LLC	Boss	MO	331	4	0	1,846,051	0	1,846,051	26,204	8,776	430	0	0	0	0	0	0	0	35,410	1,881,461		

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 POTW's) - Metals and Metal Category Compounds only (M62 or M68), 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).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2010: 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 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					
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	320,762,010				
Newmont Mining Corp Twin Creeks Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151,981,309			
Newmont Mining Corp Copper Canyon Facility	0	862	0	862	0	0	0	0	0	0	0	0	0	0	0	0	862	144,645,492			
Kenecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	242	0	0	0	0	0	0	0	865	0	1,107	77,098,623				
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,871,713			
Hecla Green Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,095,786			
Barrick Goldstrike Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,449,841			
Monsanto Luling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,167,390			
Ruby Hill Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,042,845			
Newmont Mining Corp - Carlin South Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,233,120			
Buck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,670,250			
Kennecott Utah Copper Smelter & Refinery	0	0	0	316	316	0	0	0	0	0	0	0	0	9,653	0	9,653	9,974	7,579,795			
Ineos USA LLC Green Lake Plant	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	16	16	7,080,241			
Ascend Performance Materials - Chocolate Bayou Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,606,994			
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,163,118			
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,706,592			
US DOE Hanford Site	0	0	0	0	0	3,440	0	0	0	0	0	33	2,327	0	1,605	1,958	9,364	4,195,727			
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,150,838			
Nyrstar Clarksburg Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,146,496			
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,012,645			
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,969,197			
Chemical Waste Management of the Northwest Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	32	3,960,703			
US Steel Corp Great Lakes Works	0	0	3,788,342	3,788,342	0	2,665	0	20	0	0	0	0	0	675	0	0	3,360	3,791,702	3,836,853		
Clean Harbors Buttonwillow LLC	0	0	0	0	0	10,488	0	0	0	0	0	0	0	7	0	0	10,496	10,496	3,826,334		
Max Environmental -- Yukon Facility	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	3,805,089		
Cripple Creek & Victor Gold Mining Co	0	869,024	2,618,878	3,487,902	0	0	0	81	0	0	0	0	0	49,458	0	0	49,646	49,646	3,458,887		
Quemetco Inc	0	0	0	0	0	0	0	189	0	0	0	0	0	0	13,320	0	0	13,337	13,337	3,331,717	
Chemical Waste Management Inc	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	
Chemical Waste Management	0	0	0	0	0	0	0	5	5	46	0	0	0	10,650	0	0	10	10,717	10,717	3,178,242	
Invista SARL - Orange Site	0	32,200	0	32,200	0	0	0	1,600,515	0	0	0	0	0	1,304,761	110,000	0	3,015,276	3,047,476	3,175,250		
North American Stainless	2,582,581	404,820	2,987,401	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112,323	3,098,724	3,112,792	
DuPont Dashel Plant	0	0	0	111	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,037,790	
Heritage Environmental Services LLC	0	2,462,455	33,600	2,496,055	0	0	0	0	258	0	0	0	0	0	499,044	0	499,303	2,996,357	2,995,868		
Enviro Solutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,700,001	
Angus Chemical Co	0	0	0	0	0	0	0	0	0	0	0	0	0	2,474	1,050	0	3,524	3,524	2,727,369		
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	0	0	2,676,989	
ASARCO Ray Complex/ Hayden Smelter & Concentrator	0	20	0	20	0	0	0	0	1	0	0	0	0	0	0	0	1	21	2,672,608		
Wayne Disposal Inc	0	0	255,866	255,866	0	0	0	0	134	0	0	0	0	0	0	0	0	134	256,000	2,498,233	
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,469,145	
Freeport-McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,430,926	
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,381,784	
Ineos USA LLC	0	32	890	922	0	55	0	0	0	0	0	0	0	0	0	0	55	977	2,349,696		
Sanders Lead Co Inc	0	0	2	2	0	0	0	18	0	0	0	0	0	0	0	0	18	20	2,303,288		
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,266,698	
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,215,368	
Chemical Waste Management - Lake Charles Facility	28	0	0	28	0	11,671	0	0	0	0	0	0	0	0	0	0	11,671	11,699	2,211,733		
Freeport-McMoran Sierria Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	2,097,133		
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,029,474	
Buck Resource Recycling Facility LLC	0	0	110,416	110,416	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110,416	1,991,877

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](http://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, 2010: Lead and Lead Compounds

NAICS Code Industry	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															
	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					
2121 Coal Mining	0	0	345,641	345,641	62	56	26	7	68,471	0	265,154	5,535	339,311	684,952	9,483	694,435				
2122 Metal Mining	0	0	833,985	833,985	39,028	3,464	10,592	9,021,470	114	45,214	150,922,583	377,177,194	537,219,659	538,053,644	5,015	538,058,658				
2211 Electric Utilities	30	0	3,166,739	3,166,769	2,687	97,907	16,378	4	68,721	0	2,312,566	218,744	2,717,007	5,883,776	1,293,437	7,177,213				
311/312 Food/Beverages/Tobacco	0	0	0	0	17	12,085	692	0	660	0	690	3,959	18,104	18,104	126,870	144,974				
313/314 Textiles	0	0	0	0	458	2,519	2	0	0	0	726	0	3,705	3,705	6,344	10,050				
315 Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,211	4,211			
316 Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	433	433			
321 Wood Products	0	438	7,417	7,854	70	5,349	43	0	486	0	141	1,969	8,058	15,912	34,453	50,365				
322 Paper	0	0	159,698	159,698	121	23,605	25,504	0	14,887	0	43,316	2,390	109,823	269,520	210,968	480,489				
323/51 Printing and Publishing	0	0	0	0	8	32	0	0	0	0	0	0	0	40	40	1,607	1,647			
324 Petroleum	596	4	178	778	851	10,101	5,683	17	5,686	0	2,497	921	25,757	26,535	240,831	267,366				
325 Chemicals	190,279	421	1,251,625	1,442,324	1,533	10,217	3,298	0	45	0	95,576	58,521	169,190	1,611,515	501,071	2,112,585				
326 Plastics and Rubber	0	0	2	2	67	2,640	18	0	0	0	2	1	2,728	2,730	57,276	60,006				
327 Stone/Clay/Glass	1,922	325	24,219	26,467	2,814	22,975	74	0	8	1	4,266	115,262	145,399	171,865	410,786	582,652				
32731 Cement	0	0	206,122	206,122	856	3,383	275	0	0	0	27	170	4,710	210,832	1,795	212,627				
331 Primary Metals	1,657	1,905,953	4,737,244	6,644,854	72,122	199,539	11,128	0	2	0	3,824,832	3,254,805	7,362,429	14,007,283	12,426,238	26,433,521				
332 Fabricated Metals	0	4	27	31	4,365	9,019	1,779	0	4,723	0	3	29,752	49,640	49,671	619,107	668,778				
333 Machinery	0	0	500	500	2,552	792	1,743	3	0	0	0	45	5,134	5,634	32,303	37,937				
334 Computers/Electronic Products	0	0	0	0	586	795	82	0	0	0	0	3	1,466	1,466	103,757	105,223				
335 Electrical Equipment	0	0	5	5	2,392	14,165	424	0	0	0	170	209	17,361	17,366	785,927	803,293				
336 Transportation Equipment	0	0	0	0	3,863	4,773	593	0	0	0	0	4,731	13,961	13,961	76,389	90,350				
337 Furniture	0	0	0	0	370	489	1	0	474	0	0	0	0	1,334	1,334	2,556	3,890			
339 Miscellaneous Manufacturing	0	0	0	0	964	223	1	0	0	0	0	0	1,188	1,188	28,071	29,259				
4246 Chemical Wholesalers	0	0	0	0	0	0	21	0	0	0	0	0	0	21	21	4,039	4,060			
4247 Petroleum Bulk Terminals	0	0	0	0	9	12	38	0	0	0	0	0	0	59	59	3,494	3,552			
562 Hazardous Waste Management	280,226	9,027,316	51,605	9,359,147	3,663	1,200	545	0	0	1	3,667,486	99,765	3,772,661	13,131,807	2,119,865	15,251,673				
No TRI NAICS Code	0	101,470	4,180,553	4,282,023	189,114	4,577	3,829	0	3,755	3,862	25,707	4,180,469	4,411,314	8,693,337	817,948	9,511,285				
Total	474,710	11,035,930	14,965,560	26,476,200	328,574	429,938	82,748	9,021,500	168,034	49,078	161,165,743	385,154,446	556,400,059	582,876,259	19,924,273	602,800,532				

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](http://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, 2010: Lead and Lead Compounds

State	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Off-site 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 Off-site Releases Pounds	
Alabama	0	93,184	2,408,620	2,501,804	17,545	9,849	6,517	0	1,106	0	418,428	144,678	598,122	3,099,926	441,362	3,541,288
Alaska	0	0	2,588	2,588	7,819	1,341	58	9,017,028	0	0	108,897,386	218,583,651	336,507,283	336,509,871	3,075	336,512,946
Arizona	0	0	91,929	91,929	14,766	5,181	1	0	63	0	6,049,975	6,690,503	12,760,490	12,852,419	24,472	12,876,891
Arkansas	0	416	77,946	78,362	2,333	7,640	1,561	0	12,883	0	9,403	36,927	70,747	149,109	160,422	309,532
California	0	1,214,417	3,983	1,218,400	4,632	4,054	671	0	3,753	1	238	2,819,099	2,832,446	4,050,846	408,054	4,458,900
Colorado	0	679,646	79,109	758,755	1,438	1,263	10	0	19	0	1,410,220	3,858,460	5,271,409	6,030,164	64,903	6,095,067
Connecticut	0	0	478	478	1,120	350	157	0	0	0	0	986	2,612	3,090	61,878	64,968
Delaware	0	0	5,347	5,347	471	854	1,140	0	0	0	57	0	2,523	7,870	45,607	53,477
District of Columbia	0	0	0	0	0	31	0	0	0	0	0	0	31	31	42	73
Florida	0	0	973,608	973,608	1,270	6,872	1,437	0	593	0	7,492	70,842	88,505	1,062,113	156,429	1,218,542
Georgia	0	0	42,436	42,436	1,586	13,199	1,292	0	13	0	302,780	320,052	638,922	681,359	65,943	747,302
Guam	0	0	0	0	43	208	0	0	0	0	26	3,070	3,346	0	3,346	0
Hawaii	0	0	0	0	1	774	22	5	0	0	87,843	88,646	88,646	4,470	93,115	93,115
Idaho	0	1,142,598	11,757	1,154,355	549	1,261	307	0	222	45,214	2,098,897	4,377,100	6,523,550	7,677,905	267,656	7,945,561
Illinois	0	4,520	119,662	124,182	5,230	58,593	3,860	0	4,046	0	85,998	10,339	168,066	292,248	1,454,487	1,746,735
Indiana	950	267	609,290	610,507	8,572	41,256	3,165	0	50,568	0	303,259	163,195	570,014	1,180,521	5,477,490	6,658,011
Iowa	0	0	62,223	62,223	937	9,511	2,244	0	0	0	8,247	5,657	26,596	88,818	184,126	272,945
Kansas	13	0	90,273	90,286	3,652	5,396	63	0	0	0	442	28,105	37,658	127,945	62,811	190,756
Kentucky	1,923	0	270,470	272,393	7,835	13,089	5,640	0	2,081	0	604,251	268,953	901,848	1,174,242	555,515	1,729,757
Louisiana	696	300,409	181,323	482,428	1,022	7,208	4,459	0	191	0	324,239	61,846	398,964	881,391	240,643	1,122,034
Maine	0	0	6,786	6,786	12	1,831	1,208	0	0	0	0	29	3,080	9,866	44,168	54,034
Maryland	0	0	82,612	82,612	192	740	196	7	13,722	0	0	21,782	36,639	119,251	172,007	291,258
Massachusetts	0	0	1,354	1,354	266	602	23	0	0	0	334	15,269	16,494	17,848	43,406	61,254
Michigan	0	35,385	73,120	108,505	4,031	12,443	519	0	0	0	61,317	37,564	115,874	224,380	467,245	691,624
Minnesota	0	0	24,633	24,633	795	11,111	179	0	0	0	27,720	44,056	83,861	108,494	273,762	382,257
Mississippi	189,576	0	35,742	225,318	927	3,796	989	0	0	0	7,037	88,352	101,100	326,419	93,596	420,015
Missouri	0	1,884,170	42,511	1,926,681	48,054	45,200	10,315	0	7	0	19,333,230	1,315,534	20,752,341	22,679,021	177,557	22,856,578
Montana	0	29	102,596	102,625	397	1,875	9	4,442	110	0	5,733	5,911,042	5,923,607	6,026,232	10,415	6,036,647
Nebraska	0	0	50,336	50,336	1,978	4,035	213	0	0	0	0	103,853	110,079	160,415	36,462	196,877
Nevada	0	337,291	45,407	382,698	5,521	384	0	0	16	0	6,906,011	77,066,802	83,978,733	84,361,432	25,904	84,387,335
New Hampshire	0	0	226	226	11	112	18	0	0	0	0	0	142	368	19,489	19,857
New Jersey	0	244	0	244	547	931	597	0	0	3,862	0	76,323	82,261	82,504	386,700	469,205
New Mexico	0	0	185,657	185,657	1,550	827	140	0	0	0	62,187	2,572,825	2,637,530	2,823,187	34,062	2,857,249
New York	0	59,700	41,179	100,879	1,371	6,320	1,619	0	0	0	6	85,469	94,785	195,665	1,016,742	1,212,406
North Carolina	0	0	295,876	295,876	1,763	9,302	1,961	0	17	0	105,399	491,047	609,488	905,364	104,648	1,010,013
North Dakota	0	0	30,278	30,278	14	4,348	416	16	0	0	31,410	4,849	41,052	71,331	45,938	117,269
Northern Mariana Islands	0	0	0	0	1	0	0	0	0	0	1	0	2	0	2	2
Ohio	9,550	432,000	475,827	917,377	5,571	22,700	5,232	0	9,833	0	247,548	30,033	320,917	1,238,294	1,429,128	2,667,421
Oklahoma	0	644,276	17,049	661,325	485	6,057	2,598	0	1,054	0	2,563	72,230	84,987	746,312	48,395	794,707
Oregon	0	2,495,110	41,788	2,536,898	212	1,771	2,331	0	12	0	147	7,709	12,181	2,549,079	60,219	2,609,298
Pennsylvania	0	0	269,192	269,192	22,936	38,604	3,491	0	7,611	1	3,668,145	53,151	3,793,939	4,063,130	3,114,319	7,177,450
Puerto Rico	0	0	0	0	15	2,213	80	0	0	0	0	8,098	10,406	10,406	10,544	20,951
Rhode Island	0	0	0	0	10	14	0	0	0	0	0	1,350	1,375	1,375	26,759	28,134
South Carolina	0	323	65,581	65,904	570	6,822	757	0	203	0	79,970	276,167	364,489	430,392	173,866	604,259
South Dakota	0	0	830,260	830,260	129	140	651	0	0	0	72	1	992	831,251	5,332	836,584
Tennessee	0	9	386,548	386,557	2,674	7,124	2,322	0	1	0	3,994,978	38,409	4,045,507	4,432,064	373,582	4,805,645
Texas	272,002	128,898	673,846	1,074,745	7,207	17,741	3,002	0	49,419	0	453,700	439,297	970,366	2,045,111	317,994	2,363,105
Utah	0	1,571,799	1,479,975	3,051,775	2,571	6,107	43	0	78	0	5,358,593	58,375,379	63,742,770	66,794,545	79,138	66,873,683
Vermont	0	0	0	0	0	12	0	0	0	0	0	11,105	11,117	11,117	41	11,158
Virgin Islands	0	0	0	0	0	254	0	0	140	0	0	1	395	395	347	742
Virginia	0	0	72,863	72,863	4,274	12,591	6,016	0	4,724	0	47,703	273,497	348,805	421,668	478,195	899,863
Washington	0	11,176	4,169,844	4,181,020	274	3,251	3,863	3	224	0	134,999	131,675	274,289	4,455,309	92,381	4,547,690
West Virginia	0	63	307,872	307,935	3,444	5,235	590	0	5,324	0	84,727	18,378	117,697	425,632	723,852	1,149,484
Wisconsin	0	0	13,202	13,202	129,859	6,357	748	0	0	0	4	51,495	188,463	201,665	345,963	547,628
Wyoming	0	0	112,358	112,358	94	1,157	18	0	2	0	30,875	372	32,518	144,876	12,730	157,606
<b>Total</b>	<b>474,710</b>	<b>11,035,930</b>	<b>14,965,560</b>	<b>26,476,200</b>	<b>328,574</b>	<b>429,938</b>	<b>82,748</b>	<b>9,021,500</b>	<b>168,034</b>	<b>49,078</b>	<b>161,165,743</b>	<b>385,154,446</b>	<b>556,400,059</b>	<b>582,876,259</b>	<b>19,924,273</b>	<b>602,800,532</b>

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](http://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 6.02 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, 2010: 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												
					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	0	6,063	76	4	0	0	108,393	321	210,976	960	319,576	460	319,576	
Kennecott Utah Copper Mine Concentrators & Power Plant	Bingham Canyon	UT	2122	1	0	0	0	3,746	3,746	998	34	7	0	77	0	2,273,985	58,342,655	60,617,658	60,621,404			
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	0	1,930	1	0	0	0	0	49,200,000	53,201,901	53,201,901				
Hecla Greens Creek Mining Co	Juniper	AK	2122	1	0	0	0	0	0	168	23	26	9,017,028	0	0	0	0	6,578,040	15,595,285	15,595,285		
Ruby Hill Mine	Eureka	NV	2122	1	0	0	0	0	0	306	0	0	0	0	0	444,072	4	10,042,528	10,042,837	10,042,837		
Cortez Gold Mine	Crescent Valley	NV	2122	1	0	0	0	1,146	1,146	82	0	0	0	0	0	8,584,760	72,020	8,670,250	8,670,250			
Buck Mine/Mill	Boss	MO	2122	1	0	0	0	0	0	8,691	220	4,559	0	0	0	0	4,699,920	0	4,708,882	4,708,882		
Flaming Gorge Mill	Centerville	MO	2122	1	0	0	0	0	0	3,155	60	3,437	0	0	0	0	0	0	4,216,665	4,216,665		
Barrick Goldmine Mines Inc	Elko	NV	2122	1	0	0	0	187	187	52	3	0	0	0	0	0	289,173	3,927,137	9,191	4,186,334		
US DOE Hanford Site	Richland	WA	2ZZ	1	0	11,143	4,166,000	4,177,143	6	0	0	0	0	0	0	0	0	0	0	0		
Brushy Creek Mine/Mill	Boss	MO	2122	1	0	0	0	0	0	2,067	0	1,210	0	0	0	0	3,965,920	0	3,969,197	3,969,197		
Nyrstar Clarksville Inc	Clarksville	TN	2122	1	0	0	0	0	0	5	142	374	0	0	0	0	3,962,655	0	3,962,576	3,962,576		
Hecla Ltd Lucky Friday Mn E Unit	Mullan	ID	2122	1	0	0	0	0	0	26	86	62	0	0	0	0	1,356,353	2,476,706	3,833,233	3,833,233		
Crucible Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	0	82	0	0	0	0	0	0	3,759,614	3,759,696	3,759,696			
Mountain Resources LLP	Butte	MT	2122	1	0	0	0	0	0	0	0	0	0	0	0	0	3,676,675	3,676,675	3,676,675			
Mac Environmental - Yukon Facility	Yukon	PA	562	1	0	0	0	0	0	3,200	0	30	0	0	0	0	3,667,417	0	3,670,547	3,670,547		
Kennecott Utah Copper Smelter & Refinery	Indianapolis	IN	331	1	0	0	0	0	0	840	0	0	0	0	0	0	0	0	940	840		
Chemical Waste Management of the Northwest Inc	Magna	UT	331	1	0	0	0	17,309	17,309	1,373	4,207	22	0	1	0	3,073,997	1	3,079,601	3,096,910			
Thompson Creek Mining Co	Arlington	OR	562	1	0	2,495,110	36,287	2,531,397	0	526	0	0	0	0	0	0	0	0	526	2,531,923		
Freepoint McMoran Tyrone Inc	Clayton	ID	2122	1	0	0	0	0	0	4	3	0	0	0	0	693,252	1,760,868	2,454,127	2,454,127			
Mesquite Mine	Tyrone	NM	2122	1	0	0	0	0	0	847	0	79	0	0	0	0	2,430,000	2,430,926	2,430,926			
Freepoint McMoran Mine Inc	Brawley	CA	2122	1	0	0	0	0	0	8	0	0	0	0	0	0	2,381,776	2,381,784	2,381,784			
Freepoint McMoran Mine Inc	Claypool	AZ	2122	1	0	0	0	0	0	7,150	2,570	1	0	0	0	0	2,270,000	2,279,761	2,279,761	2,279,761		
Golden Sunlight Mine Inc	Whitewater	MT	2122	1	0	0	0	163	163	0	0	0	0	0	0	0	2,215,042	2,215,361	2,215,361			
Sanders Lead Co Inc	Troy	AL	331	1	0	0	0	2,134,362	2,134,362	2,520	480	226	0	0	0	0	0	0	0	3,226	2,137,588	
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	1	0	0	0	0	0	6,000	1,672	0	0	0	0	0	2,108,151	0	2,115,827	2,115,827		
Sweetwater Mine/Mill	Ellington	MO	2122	1	0	0	0	0	0	3,014	0	460	0	0	0	0	2,026,000	0	2,029,474	2,029,474		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	0	0	1	360	22	0	0	0	0	1,100,000	0	1,930,398	1,930,398			
Buck Resource Recycling Facility LLC	Boss	MO	331	1	0	1,812,044	0	1,812,044	0	25,880	8,640	284	0	0	0	0	0	0	34,804	1,846,848		
Freepoint McMoran Mine Inc	Green Valley	CO	2122	1	0	0	0	0	0	89	8	0	0	0	0	0	880,000	0	882,000	882,000		
Smoky Valley Complex Operation	Moroni	AZ	2122	1	0	0	0	0	0	562	5	0	0	0	0	0	1,570,000	0	1,620,000	1,620,000		
Asarco LLC Mission Complex	Round Mountain	NV	2122	1	0	0	0	0	0	48	0	0	0	0	0	0	1,379,292	0	1,379,390	1,379,390		
Nucor Steel A Div of Nucor Corp (Part)	Parsall	CO	2122	1	0	0	0	0	0	42	3	0	0	0	0	0	1,410,000	0	1,410,045	1,410,045		
Mineral Park Inc	Sahuarita	AZ	2122	1	0	0	0	0	0	61	16	0	0	0	0	0	1,379,292	0	1,379,390	1,379,390		
Hornbeck Corp Monaca Smelter	Plymouth	UT	331	1	0	0	0	1,269,049	1,269,049	25	458	1	0	0	0	0	0	0	0	1,269,533		
Dow Inc. Hercules Smelter	Golden Valley	AZ	2122	1	0	0	0	0	0	5	0	0	0	0	0	0	1,224,320	0	1,224,325	1,224,325		
US Ecology Inc Inc	Monaca	PA	331	1	0	0	0	0	0	26	8,800	24	0	0	0	0	0	0	0	8,850	8,850	
Freepoint McMoran Safford Inc	Grand View	ID	331	1	0	0	0	0	0	859	29,250	206	0	0	0	0	0	0	0	0	1,123,667	
Revere Smelting & Refining Corp	Fairview	AK	2122	1	0	0	0	0	0	7	6	0	0	0	0	0	458,148	644,401	1,102,562	1,102,562		
Hecla Environmental Services LLC	Clive	UT	562	1	0	1,021,486	14,355	1,035,841	0	0	0	0	0	0	0	0	0	0	0	1,035,841		
Exide Technologies	Reading	PA	331	2	0	0	0	0	0	306	1,667	86	0	0	0	0	0	0	0	2,059	2,059	
Freepoint McMoran Safford Inc	Safford	AZ	2122	1	0	0	0	0	0	85	0	0	0	0	0	0	0	938,000	938,086	938,086		
Winnemucca	Middletown	NY	331	1	0	0	0	0	0	0	542	0	0	0	0	0	0	0	0	542	542	
US DOE Idaho National Laboratory Site	Leah	SD	562	1	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	11	11	
Hycroft Mine	Scoville	ID	2ZZ	1	0	0	0	11,375	11,375	12	10	0	0	0	0	0	0	0	2,599	2,621	13,996	
Bald Mountain Mine	Elko	NV	2122	1	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	768,869	768,891	
Chemical Waste Management Inc	Kettleman City	CA	562	1	0	694,588	475	695,063	50	0	0	0	0	0	0	0	0	0	0	0	695,114	

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 <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 (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.5.2), Stack or Point Source Air Emissions (5.5.2), Surface Water Discharges (5.5.3), Class II-V Wells (5.5.4). 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 (M64), Other Landfills (M64), Storage Only (M61), Solidification/Stabilization - Metals and Metal Category Compounds only (M61 or M64), 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 (M73), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M64, M61), 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, 2010: 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 Pounds	Wastewater Treatment (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	19	19	31,000	30,900	60,638,676		
Kennecott Utah Copper Concentrators & Power Plant	0	0	0	0	0	16,926	0	0	0	0	0	0	0	546	0	17,472	17,472	53,202,448			
Newmont Mining Corp Copper Canyon Facility	0	547	0	547	0	0	0	0	0	0	0	0	0	0	0	0	0	0	547		
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,595,285		
Ruby Hill Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,042,837		
Cortez Gold Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,651,413		
Buck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,670,250		
Flaming Gorge Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,761,592		
Bearitch Goldstrike Mines Inc	0	671	0	671	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,217,223		
US DOE Harford Site	0	0	0	0	0	3,440	0	0	0	0	0	0	0	33	2,323	0	1,604	1,946	9,346		
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,369,197		
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,962,576		
Hecla Ltd Lucky Friday Mn E Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,833,233		
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,759,696		
Mountain Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,676,675		
Mac Environmental - Yukon Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,537,949		
Quesmetco Inc.	0	765,850	2,468,472	3,234,322	0	0	0	62	0	0	0	0	0	0	0	0	0	62	3,234,384		
Kennecott Utah Copper Smelter & Refinery	0	0	57	57	0	0	0	0	0	0	0	0	0	0	9,594	0	9,594	9,594	3,651		
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	3,106,561		
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	2,531,937		
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,454,127		
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,430,926		
Freeport McMoran Miami Inc	0	0	0	0	0	0	0	15	0	21	0	0	0	0	0	0	0	0	2,381,784		
Golden Sunlight Mine Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,239,798		
Sanders Lead Co Inc	0	6	2	9	0	0	0	4	0	0	0	0	0	0	0	0	0	4	12		
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	41	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41		
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,115,868		
Newmont Mining Corp - Carlin South Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,029,474		
Buck Resource Recycling Facility LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,930,399		
Freeport McMoran Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,846,848		
Freeport-McMoran Marcus Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,701,698		
Sanducky Valley Complex Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,689,666		
Climax Molybdenum Co Henderson Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,410,045		
Asarco LLC Mission Complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,379,390		
Nucor Steel A Div of Nucor Corp (Part)	0	84,783	14	84,796	0	0	0	0	0	0	0	0	0	0	0	0	0	84,796	1,354,329		
Mineral Park Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,224,325		
Hornbeam Corp Monaca Smelter	0	0	1,183,000	1,183,000	0	11,400	0	0	0	0	0	0	0	0	0	11,400	0	1,194,400	1,203,250		
Dow Rio Tinto Herculaneum Smelter	0	0	0	0	0	260	0	983	0	0	0	0	0	0	0	0	1,243	1,243	1,192,925		
US Ecology Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,142,712		
Fox Knox Mine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1,102,562		
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,035,841		
Exide Technologies	0	0	802,396	802,396	0	136,787	0	0	0	0	0	0	0	0	0	0	0	136,788	939,184		
Freeport McMoran Safford Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	938,096		
Revere Smelting & Refining Corp	0	0	905,280	905,280	0	9,753	0	10	0	0	0	0	0	0	0	0	0	0	915,585		
Hecla Environmental Services LLC	0	340,000	0	340,000	0	0	0	8	0	0	0	0	0	0	0	0	498,570	0	838,547		
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	838,538		
US DOE Idaho National Laboratory Site	0	228,170	8,270	236,440	0	539,112	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hycroft Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	768,903		
Bald Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	755,806		
Chemical Waste Management Inc	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	100	0	695,219		

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](http://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 (5.1), 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 (M86), 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 (M4, M91), and Unknown (M99), and, from Section 8.1, Transfers to POTWs (metals and metal category compounds only).

## TRI On-site and Off-site Disposal or Other Releases, by Industry, 2010: 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	Treatment Pounds	Land Impoundments Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Other Releases Pounds				
2121 Coal Mining	0	0	2,184	2,184	5	7	1	0	2,176	0	744	128	3,061	5,245	24	5,269			
2122 Metal Mining	0	0	1,241	1,241	697	1,589	7	7,822	2	0	636,965	3,750,368	4,397,450	4,398,691	701	4,399,393			
2211 Electric Utilities	1	0	36,243	36,244	22	66,883	762	0	1,222	0	15,591	1,821	86,301	122,545	22,288	144,833			
311/312 Food/Beverages/Tobacco	0	0	0	0	1	676	13	0	1	0	46	50	786	786	1,130	1,916			
313/314 Textiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
321 Wood Products	0	0	2	2	0	2	0	0	0	0	0	0	0	2	4	0	4		
322 Paper	0	14	2,311	2,325	6	1,590	360	0	43	0	182	3	2,183	4,508	1,893	6,400			
324 Petroleum	9	0	23	32	505	2,105	100	4	65	0	3	6	2,788	2,820	4,827	7,648			
325 Chemicals	89	24	13,945	14,058	1,415	2,126	87	0	4	0	1,512	1,135	6,279	20,337	14,044	34,381			
326 Plastics and Rubber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24		
327 Stone/Clay/Glass	8	0	64	72	42	631	2	0	0	0	30	616	1,321	1,393	122	1,515			
32731 Cement	0	1	157	159	29	7,250	0	0	0	0	0	0	7,279	7,438	11	7,449			
331 Primary Metals	0	0	819	820	230	12,703	52	0	0	0	3,992	636	17,614	18,433	3,837	22,270			
332 Fabricated Metals	0	0	3	3	0	1	2	0	0	0	0	7	10	13	7	21			
333 Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
334 Computers/Electronic Products	0	0	0	0	0	17	7	0	0	0	0	0	24	24	39	62			
335 Electrical Equipment	0	0	0	0	165	136	1	0	0	0	0	0	302	302	4,027	4,329			
336 Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41			
339 Miscellaneous Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	189	190		
4246 Chemical Wholesalers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	504	504		
4247 Petroleum Bulk Terminals	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	4	6		
562 Hazardous Waste Management	33	43,565	238	43,836	9	111	2	0	0	0	0	53	17,651	17,825	61,661	69,057	130,718		
No TRI NAICS Code	0	2,931	24	2,955	1	61	0	0	0	0	0	0	0	62	3,018	271	3,289		
Total	140	46,536	57,254	103,930	3,145	95,880	1,389	7,827	3,512	0	659,118	3,772,419	4,543,290	4,647,220	123,043	4,770,263			

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](http://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, 2010: Mercury and Mercury Compounds

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	2	648	649	15	4,697	68	0	2	0	1,492	66	6,340	6,989	811	7,800			
Alaska	0	0	24	24	7	43	1	7,821	0	0	61,688	57,378	126,939	126,963	63	127,026			
Arizona	0	0	1,227	1,227	6	2,321	1	0	1	0	818	6,297	9,445	10,673	1,132	11,804			
Arkansas	0	0	574	574	327	2,431	3	0	17	0	10	1	2,789	3,363	12,036	15,399			
California	0	18,989	47	19,036	27	2,462	2	0	0	0	0	20,650	23,142	42,177	1,303	43,480			
Colorado	0	0	1,128	1,128	19	886	3	0	1	0	0	2,154	3,064	4,192	252	4,444			
Connecticut	0	0	0	0	2	49	0	0	0	0	0	0	51	51	346	398			
Delaware	0	0	20	20	0	167	0	0	0	0	0	0	168	188	125	313			
Florida	1	0	13,532	13,533	0	2,271	11	0	0	0	532	1	2,815	16,348	1,692	18,041			
Georgia	0	0	108	108	138	1,530	27	0	0	0	2,054	10	3,759	3,867	972	4,839			
Guam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hawaii	0	0	0	0	10	50	5	2	0	0	0	0	65	65	488	553			
Idaho	0	792	0	792	0	601	0	0	0	0	1,905	1,506	4,012	4,804	1	4,805			
Illinois	0	0	118	118	41	2,883	167	0	8	0	1,225	122	4,447	4,565	3,471	8,036			
Indiana	0	0	1,650	1,651	48	4,049	81	0	79	0	810	375	5,443	7,093	1,578	8,671			
Iowa	0	0	616	616	0	2,739	4	0	1	0	24	0	2,768	3,384	818	4,202			
Kansas	1	0	495	496	6	1,718	1	0	0	0	3	0	1,728	2,224	203	2,426			
Kentucky	8	0	983	991	61	2,821	88	0	7	0	3,113	0	6,090	7,081	585	7,666			
Louisiana	0	2,300	2,361	4,661	414	2,285	51	0	0	0	1,890	824	5,465	10,126	4,565	14,691			
Maine	0	0	12	12	0	40	1	0	0	0	0	0	41	54	28	82			
Maryland	0	0	69	69	1	888	2	0	2,002	0	0	0	2,893	2,961	2,448	5,409			
Massachusetts	0	0	0	0	0	60	1	0	0	0	1	0	62	62	84	147			
Michigan	0	843	493	1,336	92	2,740	43	0	0	0	467	95	3,437	4,774	524	5,298			
Minnesota	0	0	199	199	17	1,007	0	0	0	0	267	16	1,307	1,505	333	1,838			
Mississippi	33	0	200	233	1	1,130	20	0	0	0	8	0	1,159	1,392	538	1,930			
Missouri	0	0	577	577	2	4,495	1	0	0	0	66	30	4,594	5,171	2,683	7,853			
Montana	0	0	1,419	1,419	2	255	1	1	2	0	9	6,694	6,965	8,384	115	8,499			
Nebraska	0	0	805	805	5	1,437	0	0	0	0	0	17,653	19,095	19,900	172	20,072			
Nevada	0	9,981	863	10,844	696	1,347	5	0	1	0	568,312	3,627,084	4,197,445	4,208,289	58	4,208,347			
New Hampshire	0	0	7	7	8	195	0	0	0	0	0	0	203	210	146	356			
New Jersey	0	2	0	2	2	114	6	0	0	0	0	0	122	124	601	725			
New Mexico	0	0	2,028	2,028	4	504	0	0	0	0	80	170	758	2,786	4	2,790			
New York	0	330	421	751	0	617	7	0	0	0	0	0	624	1,376	2,244	3,620			
North Carolina	0	0	1,978	1,978	1	2,032	20	0	0	0	1,377	621	4,051	6,029	1,022	7,051			
North Dakota	0	0	99	99	0	2,403	1	3	0	0	211	4	2,621	2,720	70	2,790			
Northern Mariana Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ohio	23	156	1,789	1,967	180	5,783	28	0	89	0	1,512	53	7,646	9,613	3,415	13,028			
Oklahoma	0	2,081	332	2,413	2	2,066	3	0	3	0	10	0	2,084	4,497	291	4,788			
Oregon	0	187	53	239	0	1,093	0	0	0	0	0	0	1,094	1,333	58	1,391			
Pennsylvania	0	0	6,652	6,652	23	6,232	8	0	177	0	81	204	6,724	13,376	9,735	23,111			
Puerto Rico	0	0	0	0	0	316	1	0	0	0	0	0	317	317	52	369			
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1			
South Carolina	0	1	425	426	2	1,747	16	0	3	0	349	0	2,118	2,543	221	2,764			
South Dakota	0	0	690	690	0	308	13	0	0	0	0	5	325	1,015	14	1,029			
Tennessee	0	32	750	783	308	1,920	333	0	0	0	366	177	3,104	3,886	2,864	6,751			
Texas	74	5,197	6,787	12,058	61	14,703	100	0	959	0	2,338	252	18,413	30,470	6,359	36,829			
Utah	0	5,640	1,889	7,529	2	881	1	0	1	0	6,774	29,593	37,251	44,780	47,704	92,484			
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	1	1	70	71			
Virgin Islands	0	0	0	0	0	4	0	0	32	0	0	0	36	36	18	53			
Virginia	0	0	612	612	0	985	225	0	0	0	417	22	1,649	2,262	562	2,823			
Washington	0	0	8	8	1	559	15	0	19	0	10	5	609	618	104	722			
West Virginia	0	4	3,723	3,727	202	2,836	20	0	110	0	771	51	3,989	7,716	5,829	13,545			
Wisconsin	0	0	86	86	408	1,538	4	0	0	0	0	307	2,256	2,342	3,702	6,044			
Wyoming	0	0	755	755	3	1,636	0	0	0	0	131	0	1,770	2,525	533	3,058			
Total	140	46,536	57,254	103,930	3,145	95,880	1,389	7,827	3,512	0	659,118	3,772,419	4,543,290	4,647,220	123,043	4,770,263			

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).

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, 2010: 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	10	269	0	0	0	0	281,187	1,142,640	1,424,298	1,520,479	1,520,480			
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	1	0	0	0	0	288	183	0	0	0	0	140,636	192,304	332,964	332,982				
Cortez Gold Mines	Crescent Valley	NV	2122	1	0	0	18	18	19	5	0	0	0	0	0	304,235	304,244	304,244				
Hycroft Mine	Winnebucca	NV	2122	1	0	0	0	0	0	9	0	0	0	0	0	245,400	245,486	245,486				
Ruby Hill Mine	Eureka	NV	2122	1	0	0	0	0	0	11	74	0	0	0	0	110,000	9,100	118,645	119,645			
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	0	0	0	130	410	5	0	1	0	60,523	50,247	110,778	110,778			
Red Dog Operations	Kotzebue	AK	2122	1	0	0	0	0	0	7	1	0	0	0	0	0	110,000	110,172	110,172			
Newmont Mining Corp - Carlin North Area	Carlin	NV	2122	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0			
Clean Harbors Aragonite LLC	Grantsville	UT	562	2	0	0	0	0	0	0	3	0	0	0	0	0	34,107	373	34,499	34,499		
Bald Mountain Mine	Elko	NV	2122	1	0	0	0	0	0	8	7	0	0	0	0	0	20,641	0	20,644	20,644		
Merigold Mining Co	Vaimy	NV	2122	1	0	0	0	1	1	2	10	0	0	0	0	0	0	0	0	18,769		
Kennecott Utah Copper Mine Concentrators & Power Plant	Bingham Canyon	UT	2122	1	0	0	0	0	0	1	32	1	0	1	0	6,084	29,541	35,659	35,659			
Jerritt Canyon Mine	Elko	NV	2122	1	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	34,499		
Mesquite Mine	Brawley	CA	2122	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	18,769		
Chemical Waste Management Inc	Kettleman City	CA	562	1	0	18,750	18	18,768	1	0	0	0	0	0	0	0	0	0	0	0		
Clean Harbors Environmental Services Inc	Kimball	NE	562	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	17,651	17,652	
Hecla Greens Creek Mining Co	Juneau	AK	2122	1	0	0	0	0	0	6	0	7,821	0	0	0	0	0	0	0	5,366	13,193	13,193
Clean Harbors El Dorado LLC	El Dorado	AR	562	2	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6	6	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	8	2	0	0	0	0	0	0	2	11,000	11,012	11,012		
US Ecology Nevada Inc	Beatty	NV	562	2	0	7,050	0	7,050	0	0	0	0	0	0	0	0	0	0	0	0	7,050	
US Ecology Texas Inc	Robstown	TX	562	1	10	5,140	0	5,150	0	0	1	0	0	0	0	0	0	0	0	1	5,151	
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	0	0	0	0	0	0	0	0	6,670	6,671	6,671			
Smokey Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	0	1	1	0	0	0	0	0	1,840	4,360	6,202	6,202		
Mosaic Fertilizer LLC - New Wales Plant	Mulberry	FL	325	1	0	0	0	5,800	5,800	0	5	0	0	0	0	0	0	0	0	5,805		
Pioneer Americas LLC (Dba Olm Chloralkali Products)	Saint Gabriel	LA	325	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	2	
PPG Industries Inc	New Martinsville	WV	325	1	0	0	0	0	196	37	17	0	0	0	0	0	0	0	0	250	250	
Clean Harbors Grassy Mountain LLC	Granville	UT	562	2	0	5,150	0	5,150	0	0	0	0	0	0	0	0	0	0	0	0	5,150	
Materials & Energy Corp	Oak Ridge	TN	562	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
US DOE/NSA/NSO Nevada National Security Site	Mercury	NV	2122	1	0	2,931	0	2,931	0	0	0	0	0	0	0	0	0	0	0	0	2,931	
Keweenaw Power Plant	Shelocka	PA	2111	1	0	0	0	2,706	2,706	0	62	0	0	0	0	0	0	0	0	0	2,769	
Freepoint-McMoran Miami Inc	Claypool	AZ	2122	1	0	0	0	0	0	5	316	1	0	0	0	0	0	0	0	0	2,732	
Fort Knob Mine	Fairbanks	AK	2122	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EaglePicher Technologies LLC	Joplin	MO	335	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Marin Lake Steam Electric Station & Lignite Mine	Tatum	TX	2211	1	0	0	1,143	1,143	0	1,420	0	0	0	0	0	0	0	0	0	1,420	2,563	
Clean Harbors Deer Park LLC	La Porte	TX	562	1	0	57	0	57	1	0	0	0	0	0	0	0	0	0	0	1	58	
Mosaic Fertilizer LLC - Riverview	Riverview	FL	325	1	0	2,500	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	2,500	
Mosaic Fertilizer LLC - Bartow	Barlow	FL	325	1	0	2,400	2,400	0	0	0	0	0	0	0	0	0	0	0	0	0	2,400	
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	1	0	2,300	0	2,300	0	0	0	0	0	0	0	0	0	0	0	0	2,300	
Barrick Turquoise Ridge Inc	Golconda	NV	2122	1	0	0	530	530	0	0	0	0	0	0	0	188	1,524	1,712	2,242			
Oak Grove Steam Electric Station	Franklin	TX	2211	1	0	0	1,977	1,977	0	203	0	0	0	0	0	0	0	0	0	203	2,180	
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	0	12	0	0	0	0	0	0	2,139	0	2,151			
Conemaugh Power Plant	New Florence	PA	2211	1	0	0	1,542	1,542	0	576	2	0	0	0	0	0	0	0	0	578	2,120	
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	1	0	2,081	0	2,081	1	0	0	0	0	0	0	0	0	0	0	1	2,081	
Structural Metals Inc	Seguin	TX	331	1	0	0	0	0	2	338	0	0	0	0	0	0	0	0	0	0	340	
American Electric Power Gavin Plant	Cheshire	OH	2211	1	0	0	1,095	1,095	0	829	7	0	24	0	0	19	0	0	0	879	1,974	
Mosaic Fertilizer LLC Uncle Sam Plant	Uncle Sam	LA	325	1	0	0	1,978	1,978	0	0	1	0	0	0	0	0	0	0	0	1	1,979	
CWM Chemical Services LLC	Model City	NY	562	1	0	330	0	330	0	0	0	0	0	0	0	0	0	0	0	0	330	
Freepoint-McMoran Sierra Inc	Green Valley	AZ	2122	1	0	0	0	0	0	0	0	0	0	0	0	0	114	1,510	1,624	1,624		
Nord Resources Corp Johnson Camp Mine	Dragoon	AZ	2122	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,929	1,929	
Bethlehem Apparatus Co Inc	Hellertown	PA	325	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	

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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, 2010: 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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Hycroft Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Ruby Hill Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	
Neon Mountain Corp - Carlin South Area	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	12	
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Newmont Mining Corp - Carlin North Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Clean Harbors Aragonite LLC	0	49,305	0	49,305	0	0	0	0	0	0	0	0	0	0	3,439	0	3,439	52,744	
Bald Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Merigold Mining Co	0	0	3	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
Kenecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Jerritt Canyon Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37,126	
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34,499	
Clean Harbors Environmental Services Inc	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Clean Harbors El Dorado LLC	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Newmont Mining Corp Copper Canyon Facility	0	32	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	32	
US Ecology Nevada Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
US Ecology Texas Inc	0	1,870	0	1,870	0	0	0	0	0	0	0	0	0	0	0	0	0	1,870	
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mosaic Fertilizer LLC - New Wales Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,202	
Pioneer Americas LLC (Dba Olin Chloralkali Products)	0	5,600	31	5,631	0	0	0	0	0	0	0	0	0	0	0	0	0	5,805	
PPG Industries Inc	0	1,230	22	1,252	0	0	0	0	0	0	0	0	0	0	35	3,677	0	3,712	
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Materials & Energy Corp	0	3,021	0	3,021	0	0	0	0	0	0	0	0	0	0	49	0	0	3,070	
US DOE ORNLNSO Nevada National Security Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,931	
Keweenaw Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,769	
Freepoint-McMoran Miami Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,746	
Fort Knox Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,734	
EaglePicher Technologies LLC	0	0	0	0	0	0	2,600	0	0	0	0	0	0	0	0	0	0	2,600	
Marin Lake Steam Electric Station & Lignite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,563	
Clean Harbors Deer Park LLC	0	260	0	260	0	0	0	0	0	0	0	0	0	0	0	2,218	2,218	2,478	
Mosaic Fertilizer LLC - Riverview	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,500	
Mosaic Fertilizer LLC - Bartow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,400	
Chemical Waste Management - Lake Charles Facility	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	2,315	
Barrick Turquoise Ridge Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,242	
Oak Grove Steam Electric Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,180	
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,151	
Conemaugh Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,120	
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	2,081	
Structural Metals Inc	0	0	1,668	1,668	0	0	0	0	0	0	0	0	0	0	0	0	0	1,668	
American Electric Power Gavin Plant	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	
Mosaic Fertilizer LLC Uncle Sam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CWM Chemical Services LLC	0	6	1,600	1,606	0	0	0	0	0	0	0	0	0	0	0	0	0	1,607	
Freepoint-McMoran Sierrita Inc	0	306	0	306	0	0	0	0	0	0	0	0	0	0	0	0	0	307	
Nord Resources Corp Johnson Camp Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bethlehem Apparatus Co Inc	0	0	0	0	0	1,927	0	0	0	0	0	0	0	0	0	0	0	1,927	

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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](http://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, 2010: Dioxin and Dioxin-like Compounds

NAICS Code Industry	On-site Disposal or Other Releases															Total On-site and 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 Wells	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	Other Releases	Grams	Grams	Grams	
2122 Metal Mining	0.00	0.00	0.00	0.00	0.97	0.81	0.03	0.00	0.00	1.25	0.00	3.05	3.05	0.00	3.05	0.00	3.05	
2211 Electric Utilities	0.00	0.00	6.59	6.59	0.02	431.72	0.00	0.00	0.00	0.17	0.00	431.91	438.50	2.38	440.88			
311/312 Food/Beverages/Tobacco	0.00	0.00	0.00	0.00	0.00	19.41	0.00	0.08	0.00	0.00	0.00	19.49	19.49	0.13	19.62			
321 Wood Products	0.00	0.01	0.54	0.55	1.68	10.98	81.89	0.00	0.02	0.00	0.01	94.59	95.14	582.04	677.18			
322 Paper	0.00	0.00	82.34	82.34	1.35	189.15	60.26	0.00	9.92	0.03	45.59	5.90	312.18	394.52	385.47	780.00		
324 Petroleum	1.03	0.00	0.95	1.98	0.89	21.92	3.92	0.00	1.39	0.00	0.05	0.00	28.17	30.14	19.82	49.97		
325 Chemicals	0.09	125.05	8,673.08	8,798.22	1.89	158.24	15,567.32	107.82	0.00	0.00	334.35	0.00	16,169.61	24,967.83	9,660.84	34,628.67		
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	0.26	0.40		
327 Stone/Clay/Glass	0.00	0.00	0.00	0.00	0.00	4.51	0.00	0.00	0.00	0.00	0.00	0.00	2.92	7.43	7.43	0.11	7.54	
32731 Cement	0.00	0.00	13.97	13.97	0.24	86.04	0.00	0.00	0.00	0.00	0.00	0.00	86.28	100.25	0.00	100.25		
331 Primary Metals	0.00	0.33	133.98	134.31	7.90	259.43	0.02	0.00	0.00	0.00	8,151.81	0.00	8,419.15	8,553.46	1,778.94	10,332.40		
332 Fabricated Metals	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.02		
333 Machinery	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	1.09	0.00	1.09		
335 Electrical Equipment	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.00	0.12		
336 Transportation Equipment	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.19		
337 Furniture	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.00	1.31	1.31	0.00	1.31		
562 Hazardous Waste Management	0.00	7,277.43	0.00	7,277.43	0.01	27.62	0.00	0.00	0.00	0.00	0.00	0.00	27.64	7,305.06	65.89	7,370.96		
No TRI NAICS Code	0.00	0.00	5.75	5.75	0.01	6.57	0.02	0.00	0.00	0.00	0.00	0.00	6.60	12.34	0.00	12.34		
Total	1.12	7,402.81	8,917.19	16,321.12	16.05	1,218.18	15,713.44	107.82	11.41	0.03	8,533.22	8.83	25,608.98	41,930.10	12,495.90	54,426.00		

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).

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, 2010: 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	Subtile C	Other On-site	Surface Water	RCRA	Subtile	Land	C Surface	Other Surface	Other Land	Subtotal	RCRA	Subtile	Land	Impoundments	Disposal	Subtotal			
Class I Wells	Subtile C Landfills	Other On-site Landfills	Subtotal	Fugitive Air Emissions	Point Source Air Emissions	Surface Water Discharges	Class II-V Wells	Treatment	Land Impoundments	Other Land Disposal	Subtotal	Class II-V Wells	Treatment	Land Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	On-site Releases	Off-site Releases	Total Releases
Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	
Alabama	0.00	0.00	10.14	10.14	0.16	56.83	57.12	0.00	0.02	0.00	0.35	0.27	114.75	124.89	126.01	250.90				
Alaska	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.71	0.00	0.71				
Arizona	0.00	0.00	0.00	0.00	0.58	12.98	0.00	0.00	0.00	0.00	0.75	0.00	14.30	14.30	0.00	14.30				
Arkansas	0.00	0.00	14.07	14.07	0.00	23.32	8.45	0.00	7.24	0.00	0.13	0.00	39.13	53.20	0.15	53.34				
California	0.00	52.71	0.00	52.71	0.18	58.77	0.95	0.00	0.00	0.00	0.00	0.00	59.90	112.61	63.21	175.82				
Colorado	0.00	3.10	0.00	3.10	0.24	15.25	0.04	0.00	0.00	0.00	0.00	0.00	15.53	18.63	0.63	19.26				
Connecticut	0.00	0.00	0.00	0.00	0.00	2.27	0.00	0.00	0.00	0.00	0.00	0.00	2.27	2.27	0.02	2.29				
Delaware	0.00	0.00	0.00	0.00	0.00	8.37	0.51	0.00	0.00	0.00	0.00	0.00	8.88	8.88	244.10	252.98				
District of Columbia	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.00	0.25				
Florida	0.00	0.00	2.93	2.93	0.00	50.62	3.17	0.00	1.63	0.00	4.65	0.00	60.06	62.99	1.86	64.85				
Georgia	0.00	0.00	3.68	3.68	0.30	38.41	12.93	0.00	0.00	0.03	1.88	4.83	58.38	62.07	0.57	62.64				
Guam	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.22	0.00	0.22				
Hawaii	0.00	0.00	0.00	0.00	0.00	3.09	0.00	0.00	0.00	0.00	0.00	0.00	3.09	3.09	1.03	4.12				
Idaho	0.00	0.00	0.02	0.02	0.00	1.44	0.44	0.00	0.08	0.00	0.00	0.00	1.96	1.96	0.87	10.95				
Illinois	0.00	0.25	0.00	0.25	0.09	31.15	0.04	0.00	0.00	0.00	0.00	0.00	31.27	31.52	72.37	103.90				
Indiana	0.00	0.00	95.17	95.17	0.02	43.65	0.01	0.00	0.00	0.00	0.00	0.00	43.67	138.84	74.62	213.47				
Iowa	0.00	0.00	0.00	0.00	0.00	24.58	0.00	0.00	0.00	0.00	0.00	0.00	24.58	24.58	0.02	24.60				
Kansas	0.00	0.00	0.00	0.00	0.00	9.97	0.00	0.00	0.00	0.00	0.00	0.00	9.97	9.97	0.00	9.97				
Kentucky	0.00	0.00	36.18	36.18	0.84	49.31	14,144.02	0.00	0.00	0.20	0.00	14,194.37	14,230.55	14,230.55	2,911.61	17,142.16				
Louisiana	0.09	0.00	66.45	66.54	1.68	62.22	494.02	0.00	0.00	1.06	0.00	558.98	625.52	933.84	1,559.36					
Maine	0.00	0.00	1.13	1.13	0.00	7.04	0.15	0.00	0.00	0.00	7.20	0.00	8.32	1.47	9.79					
Maryland	0.00	0.00	5.75	5.75	0.00	13.42	0.02	0.00	0.00	0.00	0.00	0.00	13.44	19.19	0.00	19.19				
Massachusetts	0.00	0.00	0.00	0.00	0.00	5.56	0.00	0.00	0.00	0.00	0.00	0.00	5.56	5.56	0.00	5.56				
Michigan	0.00	2.52	2.90	5.42	0.03	25.71	2.73	0.00	0.00	0.00	0.00	0.00	28.47	33.89	54.57	88.46				
Minnesota	0.00	0.00	0.75	0.75	4.84	16.68	0.35	0.00	0.00	0.00	0.00	0.00	21.88	22.63	258.76	281.40				
Mississippi	0.00	0.00	394.18	394.18	0.02	16.16	17.02	0.00	1.03	0.00	333.66	0.00	367.89	762.07	162.30	924.37				
Missouri	0.00	0.33	0.00	0.33	0.00	95.15	0.00	0.00	0.00	0.00	0.00	0.00	95.15	95.48	0.00	95.48				
Montana	0.00	0.00	0.00	0.00	0.01	9.22	0.07	0.00	0.00	0.00	0.00	0.00	9.30	9.30	1.59	10.89				
Nebraska	0.00	0.00	0.00	0.00	0.00	3.65	0.00	0.00	0.00	0.00	0.00	0.00	3.65	3.65	0.00	3.65				
Nevada	0.00	0.00	0.00	0.00	0.21	6.04	0.00	0.00	0.00	0.00	0.00	0.00	6.25	6.25	0.00	6.25				
New Hampshire	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	0.00	0.37				
New Jersey	0.00	0.00	0.00	0.00	0.50	2.43	0.00	0.00	0.00	0.00	0.00	0.00	2.93	2.93	43.47	46.40				
New Mexico	0.00	0.00	0.00	0.00	0.00	3.74	0.00	0.00	0.00	0.00	0.00	0.00	3.74	3.74	0.00	3.74				
New York	0.00	0.12	0.04	0.15	0.08	22.67	2.28	0.00	0.00	0.00	0.00	0.00	25.03	25.18	4.87	30.05				
North Carolina	0.00	0.00	19.60	19.60	0.00	74.20	10.35	0.00	0.00	0.00	0.00	0.00	84.54	104.15	0.53	104.68				
North Dakota	0.00	0.00	0.95	0.95	0.01	17.31	0.00	0.00	0.00	0.00	0.00	0.00	17.33	18.27	0.00	18.27				
Ohio	0.00	6,773.32	377.07	7,150.39	0.27	30.58	0.47	0.00	0.00	0.00	0.00	0.00	2.92	34.24	7,184.63	108.36	7,292.99			
Oklahoma	0.00	0.00	23.28	23.28	0.21	13.22	0.21	0.00	0.00	0.00	4.28	0.00	17.92	41.19	21.00	62.19				
Oregon	0.00	447.94	0.62	448.56	1.55	7.69	0.18	0.00	0.00	0.00	0.00	0.00	0.79	10.22	458.78	34.27	493.05			
Pennsylvania	0.00	0.00	0.00	0.00	0.01	43.76	1.07	0.00	0.00	0.00	0.08	0.00	44.91	44.91	5.12	50.03				
Puerto Rico	0.00	0.00	0.00	0.00	0.00	14.03	0.00	0.00	0.00	0.00	0.00	0.00	14.03	14.03	0.33	14.36				
South Carolina	0.00	0.00	1.13	1.13	1.10	25.10	4.53	0.00	0.02	0.00	15.63	0.00	46.37	47.50	2.09	49.59				
South Dakota	0.00	0.00	0.00	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00	9.10	9.10	0.00	9.11				
Tennessee	0.00	0.69	1,441.05	1,441.74	0.47	25.00	3.27	0.00	0.00	0.04	0.00	0.00	28.78	1,470.52	44.14	1,514.66				
Texas	1.03	121.84	6,400.07	6,522.94	1.19	95.69	928.33	107.82	0.00	18.34	0.01	1,151.39	7,674.33	6,151.80	13,826.13					
Utah	0.00	0.00	6.59	6.59	0.31	31.21	0.10	0.00	0.00	0.00	8,151.81	0.00	8,183.43	8,190.02	22.24	8,212.26				
Virgin Islands	0.00	0.00	0.00	0.00	0.00	1.22	1.10	0.00	0.00	0.00	0.00	0.00	2.32	2.32	0.00	2.32				
Virginia	0.00	0.00	1.73	1.73	0.03	12.10	1.35	0.00	0.00	0.00	0.37	0.00	13.84	15.57	22.98	38.55				
Washington	0.00	0.00	9.90	9.90	1.03	33.82	15.23	0.00	1.39	0.00	0.00	0.00	51.46	61.37	312.01	373.38				
West Virginia	0.00	0.00	0.00	0.00	0.03	11.28	2.89	0.00	0.00	0.00	0.00	0.00	14.19	14.19	37.31	51.50				
Wisconsin	0.00	0.00	1.83	1.83	0.07	31.67	0.07	0.00	0.00	0.00	0.00	0.00	31.81	33.64	767.66	801.30				
Wyoming	0.00	0.00	0.00	0.00	0.00	19.94	0.00	0.00	0.00	0.00	0.00	0.00	19.94	19.94	0.00	19.94				
<b>Total</b>	<b>1.12</b>	<b>7,402.81</b>	<b>8,917.19</b>	<b>16,321.12</b>	<b>16.05</b>	<b>1,218.18</b>	<b>15,713.44</b>	<b>107.82</b>	<b>11.41</b>	<b>0.03</b>	<b>8,533.22</b>	<b>8.83</b>	<b>25,608.98</b>	<b>41,930.10</b>	<b>12,495.90</b>	<b>54,426.00</b>				

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](http://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, 2010: 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	
Westlake Vinyls Inc	Calvert City	KY	325	1	0.00	0.00	0.00	0.00	0.00	0.62	14,143.98	0.00	0.00	0.00	0.00	0.00	14,144.60	
US Magnesium LLC	Rowley	UT	331	1	0.00	0.00	0.00	0.00	0.12	6.34	0.00	0.00	0.00	8,151.69	0.00	8,158.14	8,158.14	
Dow Chemical Co Freeport Facility	Freeport	TX	325	1	0.00	121.84	6,399.65	6,521.50	0.00	13.97	918.73	107.82	0.00	0.00	0.00	0.00	1,040.52	7,562.02
Envirosafe Services of Ohio Inc	Oregon	OH	562	1	0.00	6,773.32	0.00	6,773.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6,773.33
Oxy Vinyls LP La Porte VCM Plant	La Porte	TX	325	2	0.00	0.00	0.00	0.00	0.00	0.00	0.67	2.39	0.00	0.00	0.00	0.00	0.00	3.06
GB Biosciences Corp	Houston	TX	325	1	0.00	0.00	0.00	0.00	1.01	7.35	0.05	0.00	0.00	0.00	0.00	0.00	0.00	8.41
DuPont Johnsonville Plant	New Johnsonville	TN	325	1	0.00	0.00	1,438.53	1,438.53	0.00	0.97	1.54	0.00	0.00	0.00	0.00	0.00	2.51	1,441.05
JL French Corp - Gateway	Sheboygan	WI	331	1	0.00	0.00	0.00	0.00	0.06	7.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.94
The Dow Chemical Co - Louisiana Operations	Plaquemine	LA	325	1	0.00	0.00	45.40	45.40	0.00	8.91	457.00	0.00	0.00	0.00	0.00	0.00	511.31	
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	1	0.00	447.93	0.00	447.93	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.65	448.58
DuPont Delisle Plant	Pass Christian	MS	325	1	0.00	0.00	393.10	393.10	0.02	1.26	0.04	0.00	0.00	0.00	0.00	0.00	0.00	394.41
Colfax 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	
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	333.66	0.00	333.77	
Simpson Tacoma Kraft Co LLC	Tacoma	WA	322	1	0.00	0.00	0.00	0.00	0.00	0.66	1.39	0.00	0.00	0.00	0.00	0.00	0.00	2.05
Spectro Alloys Corp	Rosemount	MN	331	1	0.00	0.00	0.00	0.00	0.00	4.83	2.61	0.00	0.00	0.00	0.00	0.00	0.00	7.44
Georgia Gulf Chemicals & Vinyl S LLC	Plaquemine	LA	325	1	0.00	0.00	0.00	0.00	0.00	1.85	1.90	0.00	0.00	0.00	0.00	0.00	0.00	3.76
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	246.64	246.64	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.16	246.80
Occidental Chemical Corp	Gregory	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.18	3.19	0.00	0.00	0.00	0.00	0.00	0.00	3.37
DuPont Edge Moor	Edgemoor	DE	325	1	0.00	0.00	0.00	0.00	0.04	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.55	
JL French Glasgow Plant #1	Glasgow	KY	331	1	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.23
Electric Mills Wood Preserves LLC	Scooba	MS	321	1	0.00	0.00	0.00	0.00	0.00	0.02	3.81	0.00	0.00	0.00	0.00	0.00	0.00	3.83
PPG Industries Inc	Westlake	LA	325	1	0.00	0.00	0.00	0.00	0.00	0.53	11.14	0.00	0.00	0.00	0.00	0.00	0.00	11.67
Westlake Vinyls Co	Geismar	LA	325	1	0.00	0.00	0.00	0.00	0.00	7.92	0.25	0.00	0.00	0.00	0.00	0.00	0.00	8.17
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	129.26	129.26	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.03	129.29
Formosa Plastics Corp Texas	Point Comfort	TX	325	1	0.00	0.00	0.00	0.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10
Aleris Specification Alloys Inc	Wabash	IN	331	1	0.00	0.00	94.57	94.57	0.00	6.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81
Imco Recycling of Ohio LLC	Uhrichsville	OH	331	1	0.00	0.00	0.00	0.00	0.00	4.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.84
ArcelorMittal Burns Harbor LLC	Burns Harbor	IN	331	1	0.00	0.00	0.60	0.60	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.60
Missouri Chemical Works	Louisiana	MO	325	1	0.00	0.00	0.00	0.00	0.00	68.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.58
Aleris Specification Alloys Inc	Steele	AL	331	1	0.00	0.00	0.00	0.00	0.00	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.77
Clean Harbors Buttonwillow LLC	Buttonwillow	CA	562	1	0.00	52.71	0.00	52.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.71
Tennessee Aluminum Processors Inc	Gadsden	AL	331	1	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61
Peoria Disposal Co #1	Peoria	IL	562	1	0.25	0.00	0.25	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.26
Light Metals Inc	City Of Industry	CA	331	1	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11
Aleris Recycling Inc	Coldwater	MI	331	1	0.00	0.00	0.00	0.00	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.45
Gerdau Ameristeel - Charlotte Steel Mill	Charlotte	NC	331	1	0.00	0.00	0.00	0.00	0.00	47.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.99
Cascades 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	0.00
Aleris Recycling Inc	Morgantown	KY	331	1	0.00	0.00	36.17	36.17	0.00	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.07
Lehigh Southwest Cement Co	Tehachapi	CA	32731	1	0.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
McFarland Cascade Pole & Lumber Co	Eugene	OR	321	1	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.15	0.00	0.00	0.00	0.00	0.00	1.71
Shell Chemical LP	Deer Park	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.82
International Paper Co	Valliant	OK	322	1	0.00	0.00	23.27	23.27	0.00	5.30	0.00	0.00	0.00	0.00	4.28	0.00	9.58	32.85
Formosa Plastics Corp Louisiana	Baton Rouge	LA	325	1	0.00	0.00	0.00	0.00	0.00	18.76	9.73	0.00	0.00	0.00	0.00	0.00	0.00	28.49
Temple-Inland Orange Mill	Orange	TX	322	1	0.00	0.00	0.00	0.00	0.00	28.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.44
Cariba Pressure Treated Forest Products Inc	Brierfield	AL	321	1	0.00	0.00	0.00	0.00	0.06	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.06
Tennessee Aluminum Processors Inc	Mount Pleasant	TN	331	1	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	
Kaiser Aluminum Fabricated Products - Trentwood Works	Spokane Valley	WA	331	1	0.00	0.00	0.00	0.00	0.85	16.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.74
Aleris Recycling Bens Run LLC	Friendly	WV	331	1	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15
State Metal Industries Inc	Camden	NJ	331	1	0.00	0.00	0.00	0.00	0.45	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89
Aleris Recycling Inc	Chicago Heights	IL	331	1	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11

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](http://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 (5.1), 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, 2010: Dioxin and Dioxin-like Compounds

Facility	Off-site Disposal or Other Releases																			Total On-site and Off-site Disposal or Other Releases Grams	
	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																
Facility	Class I Wells Grams	Subtitle C Landfills Grams	Other Landfills Grams	Subtotal Grams	Storage Only Grams	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Grams	Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Grams	Transfers to POTWs (Metals and Metal Category Compounds Only) Grams	RCRA Subtitle C Surface Impoundments Grams	Other Surface Impoundments Grams	Land Treatment Grams	Other Land Disposal Grams	Other Off-site Management Grams	Transfers to Waste Broker for Disposal Grams	Unknown Grams	Subtotal Grams	Total Off-site Disposal or Other Releases Grams	Releases Grams	Total On-site and Off-site Disposal or Other Releases Grams		
Westlake Vinyls Inc	0.00	0.00	2,702.80	2,702.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,702.80	0.00	16,847.40	
US Magnesium LLC	0.00	2.04	0.00	2.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.04	8,160.18	
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	7,562.02	
Envirosafe Services of Ohio 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	6,773.33	
Oxy Vinyls LP La Porte VCM Plant	0.00	0.00	3,221.03	3,221.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,221.03	3,224.09	
GB Biosciences Corp	0.00	2,499.80	37.84	2,537.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,537.64	2,546.05	
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	1,441.06	
JL French Corp - Gateway	0.00	0.00	721.73	721.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	721.73	729.67	
The 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	511.31	
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	448.58	
DuPont Delisle Plant	0.00	0.00	0.24	0.24	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	0.24	394.65	
Colfax Treating Co LLC	0.00	0.00	379.82	379.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	379.82	384.64	
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	333.77	
Simpson Tacoma Kraft Co LLC	0.00	0.00	283.66	283.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	283.66	285.72	
Spectro Alloys Corp	0.00	0.00	258.54	258.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.54	265.98	
Georgia Gulf Chemicals & Vinyl S LLC	0.00	1.97	253.71	255.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	214.00	
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	246.80	
Occidental Chemical Corp	0.00	234.60	7.51	242.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	242.11	245.48	
DuPont Edge Moor	0.00	0.00	243.99	243.99	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	243.99	
JL French Glasgow Plant #1	0.00	0.00	202.44	202.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	202.44	
Electric Mills Wood Preserves LLC	0.00	0.00	160.67	160.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.67	
PPG Industries Inc	0.00	131.24	0.00	131.24	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	131.24	142.92	
Westlake Vinyls Co	0.00	0.00	132.71	132.71	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	132.71	
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	129.29	
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	104.36	
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	100.81	
Imco Recycling of Ohio LLC	0.00	0.09	91.95	92.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.04	
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	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	68.58	
Aleris Specification Alloys Inc	0.00	52.84	0.00	52.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.84	
Clean Harbors Buttonwillow 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	52.71	
Tennessee Aluminum Processors Inc	0.00	0.00	51.68	51.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.29	
Peoria Disposal Co #1	0.00	0.00	51.31	51.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.57	
Light Metals Inc	0.00	0.00	50.16	50.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.27	
Aleris Recycling Inc	0.00	0.00	46.72	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.72	
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	47.99	
Cascades Tissue Group - Wisconsin Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.05	0.00	0.00	0.00	0.00	0.00	43.05	43.05	43.05	
Aleris Recycling 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	38.07	
Lehigh Southwest Cement 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	36.00	
McFarland Cascade Pole & Lumber Co	0.00	0.00	32.99	32.99	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	32.99	
Shell Chemical LP	0.00	0.00	32.73	32.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.55	
International Paper 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	32.85	
Formosa Plastics Corp Louisiana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.49	
Temple-Inland Orange 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	28.44	
Cariba Pressure Treated Forest Products 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	27.06	
Tennessee Aluminum Processors Inc	0.00	0.00	23.39	23.39	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	23.39	
Kaiser Aluminum Fabricated Products - Trentwood Works	0.00	0.00	5.54	5.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.54	
Aleris Recycling Bens Run LLC	0.00	0.00	21.84	21.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.84	
State Metal Industries Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.99	
Aleris Recycling Inc	0.00	0.00	21.05	21.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.05	

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