

11/22/10

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

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

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

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

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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

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

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 2001-2009	
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	25,768	25,119	24,604	24,487	24,253	23,707	23,009	22,252	20,797	-4,971	-19
Total Forms	96,758	94,339	92,550	92,092	91,600	90,212	87,811	85,150	78,583	-18,175	-19
Form Rs	84,269	82,295	80,923	80,904	80,528	77,608	75,751	75,400	69,689	-14,580	-17
Form As	12,489	12,044	11,627	11,188	11,072	12,604	12,060	9,750	8,894	-3,595	-29
On-site Disposal or Other Releases	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Percent
Total Air Emissions	1,630,803,788	1,614,979,410	1,586,652,070	1,540,104,280	1,517,493,611	1,415,098,010	1,324,948,552	1,146,301,830	913,905,208	-716,898,580	-44
Fugitive Air	211,939,833	200,467,342	199,139,445	197,027,795	193,936,679	183,820,216	170,153,608	162,631,466	139,416,417	-72,523,416	-34
Stack Air	1,418,863,955	1,414,512,068	1,387,512,625	1,343,076,486	1,323,556,932	1,231,277,794	1,154,794,945	983,670,364	774,488,791	-644,375,164	-45
Surface Water Discharges	243,228,360	243,354,729	230,831,024	253,284,815	257,139,985	252,571,282	241,184,173	249,299,357	204,765,293	-38,463,068	-16
Underground Injection	215,649,594	227,038,336	229,183,906	238,165,383	231,683,479	219,866,050	205,851,606	187,741,450	174,747,493	-40,902,101	-19
Underground Injection Class I	193,645,890	206,515,351	207,215,071	210,449,916	211,508,020	199,782,672	184,345,950	169,546,056	148,444,059	-45,201,831	-23
Class II-V Wells	22,003,705	20,522,985	21,968,835	27,715,467	20,175,459	20,083,378	21,505,656	18,195,394	26,303,435	4,299,730	20
On-site Land	2,999,389,188	2,176,810,495	1,915,200,244	1,704,415,685	1,827,559,313	1,903,256,257	1,776,499,312	1,784,282,447	1,710,116,973	-1,289,272,214	-43
RCRA Subtitle C Landfills	173,537,483	155,998,461	196,263,210	151,917,311	155,224,815	151,849,813	150,746,470	123,861,306	71,670,132	-101,867,350	-59
Other On-site Landfills	311,003,022	267,183,810	267,968,780	269,273,329	269,773,684	264,805,727	270,052,632	282,047,629	280,574,529	-30,428,493	-10
Land Treatment	17,213,415	24,275,256	18,133,834	21,498,389	23,702,282	27,147,710	22,129,633	24,851,920	17,087,974	-125,442	-1
Surface Impoundments	973,836,003	771,594,855	822,562,932	719,341,762	782,042,010	822,184,883	767,798,307	738,510,723	746,810,696	-227,025,308	-23
Other Land Disposal	1,523,799,265	957,758,113	610,271,488	542,384,894	596,816,523	637,268,124	565,772,271	615,010,869	593,973,643	-929,825,621	-61
Total On-site Disposal or Other Releases	5,089,070,930	4,262,182,970	3,961,867,244	3,735,970,164	3,833,876,388	3,790,791,600	3,548,483,643	3,367,625,084	3,003,534,967	-2,085,535,963	-41
Off-site Disposal or Other Releases											
Storage Only	5,933,374	9,118,074	5,899,198	7,938,861	5,555,600	6,549,673	5,172,326	7,968,480	7,904,066	1,970,691	33
Solidification/Stabilization (Metals and Metal Category Compounds Only)	64,618,454	96,767,151	78,463,507	77,450,504	72,752,732	98,554,272	95,498,328	47,964,383	39,072,545	-25,545,909	-40
Wastewater Treatment-Metals and Metal Category Compounds Only	3,772,682	3,572,452	2,266,944	2,157,147	6,119,438	2,335,122	3,021,141	2,482,788	1,538,236	-2,234,447	-59
Transfers to POTWs Metal and Metal Category Compounds	2,223,663	1,986,496	1,897,076	1,662,801	1,757,613	1,835,633	1,952,945	1,239,129	3,258,454	1,034,791	47
Underground Injection	15,432,007	8,592,674	6,696,886	10,966,752	11,440,805	11,808,478	11,935,266	9,536,288	7,927,304	-7,504,702	-49
Landfill/Surface Impoundments	337,229,552	278,170,145	310,555,183	325,945,449	338,874,669	334,744,526	352,281,740	323,502,101	240,950,542	-96,279,010	-29
Land Treatment	7,384,171	10,091,776	9,468,658	8,945,034	10,676,613	7,172,258	8,557,256	9,625,910	7,439,509	55,338	1
Other Land Disposal	28,820,601	42,339,910	32,422,004	41,240,643	47,742,996	34,977,195	37,691,549	46,845,347	33,352,860	4,532,259	16
Other Off-Site Management	16,205,690	15,226,927	14,569,901	14,247,818	16,584,673	16,115,614	19,161,604	11,603,850	8,763,061	-7,442,629	-46
Waste Broker	12,068,373	12,948,716	15,682,186	17,525,617	16,276,434	14,322,716	12,251,838	20,392,438	16,608,573	4,540,200	38
Unknown	3,850,527	5,955,174	4,914,575	5,622,410	5,734,143	6,440,451	6,630,779	6,508,153	4,553,187	702,660	18
Total Off-site Disposal or Other Releases	497,539,095	484,769,496	482,836,117	513,703,036	533,515,716	534,855,938	554,154,770	487,668,867	371,368,337	-126,170,757	-25
Total On- and Off-site Disposal or Other Releases	5,586,610,025	4,746,952,465	4,444,703,361	4,249,673,200	4,367,392,104	4,325,647,537	4,102,638,414	3,855,293,951	3,374,903,304	-2,211,706,720	-40

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Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

11/28/10

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

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

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

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

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Change 1998-2009	
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	23,294	23,011	23,021	22,357	21,757	21,209	21,068	20,850	20,435	19,791	19,165	17,834	-5,460	-23.4
Total Forms	83,120	82,326	82,191	79,443	77,340	75,597	75,299	74,778	73,704	71,526	69,398	63,895	-19,225	-23.1
Form Rs	70,272	69,644	69,210	67,019	65,346	64,015	64,159	63,754	61,536	59,912	59,709	55,041	-15,231	-21.7
Form As	12,848	12,682	12,981	12,424	11,994	11,582	11,140	11,024	12,168	11,614	9,689	8,854	-3,994	-31.1
On-site Disposal or Other Releases	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Total Air Emissions	2,042,047,776	2,003,080,248	1,885,272,760	1,626,083,219	1,611,508,340	1,583,356,252	1,537,118,881	1,514,578,714	1,411,759,632	1,322,601,093	1,144,371,131	912,325,261	-1,129,722,515	-55.3
Fugitive Air	286,203,824	260,657,090	238,662,658	211,274,168	199,809,849	198,611,310	196,570,723	193,506,013	183,402,844	169,704,546	162,261,745	139,127,927	-147,075,897	-51.4
Stack Air	1,755,843,952	1,742,423,158	1,646,610,101	1,414,809,051	1,411,698,491	1,384,744,942	1,340,548,158	1,321,072,701	1,228,356,788	1,152,896,547	982,109,387	773,197,334	-962,646,618	-56.0
Surface Water Discharges	255,880,290	270,482,631	269,182,290	242,423,356	242,639,380	229,852,560	252,483,928	256,562,026	252,030,057	240,555,359	247,922,533	204,110,896	-51,769,394	-20.2
Underground Injection	258,022,342	250,244,399	269,623,166	208,495,360	218,753,986	220,490,037	228,011,930	224,601,664	211,692,188	197,068,058	180,092,132	163,898,810	-94,123,532	-36.5
Underground Injection Class I	231,959,661	222,789,096	239,885,166	192,531,665	205,122,796	205,782,092	208,803,352	210,214,312	198,315,113	182,743,475	167,960,612	146,341,758	-85,617,903	-36.9
Class II-V Wells	26,062,681	27,455,303	29,738,000	15,963,695	13,631,190	14,707,945	19,208,578	14,387,352	13,377,076	14,324,583	12,131,520	17,557,052	-8,505,629	-32.6
On-site Land	3,782,181,367	3,946,935,380	3,321,864,014	2,532,333,825	1,768,780,707	1,448,517,494	1,246,105,468	1,344,813,824	1,396,002,877	1,271,127,802	1,287,315,078	1,302,025,211	-2,480,156,156	-65.6
RCRA Subtitle C Landfills	190,672,832	186,857,110	231,927,453	149,325,367	136,869,212	146,831,433	126,783,098	136,919,913	133,771,429	133,205,704	105,620,400	55,045,490	-135,627,342	-71.1
Other On-site Landfills	261,168,838	242,473,208	275,637,917	274,022,355	229,949,457	219,790,364	230,023,564	231,877,521	235,389,964	241,024,148	252,456,187	256,624,178	-4,544,660	-1.7
Land Treatment	9,719,050	11,022,047	15,815,909	15,889,433	22,562,273	17,293,192	20,245,893	22,415,846	25,822,232	20,707,492	23,130,406	16,453,294	6,734,244	69.3
Surface Impoundments	1,289,182,706	1,133,529,054	962,816,544	800,782,383	631,228,041	665,543,816	579,684,152	622,329,435	645,576,540	593,094,210	588,142,556	607,897,517	-681,285,189	-52.8
Other Land Disposal	2,031,437,941	2,373,053,961	1,835,666,191	1,292,314,287	748,171,724	399,058,690	289,368,761	331,271,109	359,442,712	283,086,248	317,965,528	366,004,732	-1,665,433,209	-82.0
Total On-site Disposal or Other Releases	6,338,131,775	6,470,742,658	5,745,942,229	4,609,335,761	3,841,682,413	3,482,216,343	3,263,720,207	3,340,556,228	3,271,484,754	3,031,352,311	2,859,700,874	2,582,360,178	-3,755,771,597	-59.3
Off-site Disposal or Other Releases														
Storage Only	7,979,119	6,929,731	8,789,475	5,266,488	8,070,277	5,044,965	7,153,418	4,663,797	5,813,309	4,272,992	7,326,057	7,248,329	-730,790	-9.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	41,272,825	42,486,459	43,968,652	60,352,859	89,676,163	70,542,182	70,444,984	63,295,979	89,184,915	87,663,619	43,322,388	34,125,713	-7,147,112	-17.3
Wastewater Treatment-Metals and Metal Category Compounds Only	3,079,655	7,140,407	7,039,993	3,674,452	3,263,691	1,937,634	2,048,432	2,943,076	2,273,240	2,987,124	2,234,064	1,462,238	-1,617,417	-52.5
Transfers to POTWs Metal and Metal Category Compounds	3,549,652	2,786,518	2,903,197	2,162,986	1,924,825	1,846,836	1,620,010	1,721,376	1,797,063	1,918,799	1,210,284	3,224,484	-325,168	-9.2
Underground Injection	8,275,951	23,281,482	20,321,953	15,389,953	8,469,959	6,637,022	10,892,655	11,344,089	11,764,976	9,485,204	7,867,436	4,088,515	-4,088,515	-4.9
Landfill/Surface Impoundments	268,926,491	273,194,535	296,018,320	307,801,434	254,913,369	289,301,809	305,671,170	319,127,938	315,654,509	328,594,558	303,845,032	224,244,047	-44,682,444	-16.6
Land Treatment	2,214,999	3,641,639	5,536,789	7,187,855	9,376,077	9,059,728	8,482,471	10,303,135	6,913,982	8,214,405	9,143,231	7,102,747	4,887,748	220.7
Other Land Disposal	27,221,859	24,848,296	23,131,825	27,282,622	36,452,650	30,618,976	38,904,019	44,319,702	32,648,450	35,466,047	43,980,671	31,143,315	3,921,456	14.4
Other Off-Site Management	17,919,152	24,749,945	16,621,820	14,550,943	13,810,719	13,337,794	12,566,251	14,803,190	14,660,559	17,458,206	9,563,193	7,545,381	-10,373,771	-57.9
Waste Broker	14,453,649	13,024,301	14,773,435	9,973,738	11,036,630	13,817,522	15,348,154	13,893,298	12,215,801	10,976,432	18,993,668	14,938,415	484,766	3.4
Unknown	3,640,676	4,248,142	6,380,936	3,042,777	5,042,375	4,453,530	5,174,960	4,898,464	5,811,830	6,523,313	6,424,296	4,489,012	849,336	23.3
Total Off-site Disposal or Other Releases	398,534,028	426,311,456	445,486,395	456,686,106	442,036,725	446,597,997	478,306,524	491,314,044	498,738,636	515,962,990	455,528,108	343,391,117	-55,142,911	-13.8
Total On- and Off-site Disposal or Other Releases	6,736,665,803	6,897,054,113	6,191,428,625	5,066,021,867	4,283,719,138	3,928,814,340	3,742,026,732	3,831,870,272	3,770,223,390	3,547,315,302	3,315,228,982	2,925,751,295	-3,794,563,931	-56.3

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

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

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

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

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

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

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

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

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

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

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

Does not include delisted chemicals, chemicals added in 1990, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, PBT chemicals, sulfuric acid, vanadium and vanadium compounds.

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

NAICS Code Industry		On-site Disposal or Other Releases															Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases													
		Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	RCRA Subtitle C							Subtotal Pounds			
									Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds						
2121 Coal Mining	0	0	5,771,149	5,771,149	348,038	52,931	391,837	53,975	1,900,821	0	1,762,813	981,555	5,491,970	11,263,119	12,914	11,276,034			
2122 Metal Mining	0	0	1,827,181	1,827,181	1,345,319	1,702,712	486,766	26,158,703	3,631	1,584,473	563,709,213	535,516,496	1,130,507,312	1,132,334,493	1,476,558	1,133,811,051			
2211 Electric Utilities	26,527	6,143	201,684,989	201,717,659	1,066,130	385,362,027	2,622,902	3	2,443,655	109,950	128,012,778	8,968,148	528,585,593	730,303,252	66,968,101	797,271,354			
311/312 Food/Beverages/Tobacco	442,202	2,108	46,721	491,031	13,768,381	26,908,446	81,350,674	25,725	10,713,668	152,802	87,485	1,236,197	134,243,378	134,734,409	7,741,996	142,476,405			
313/314 Textiles	0	0	0	0	213,555	942,242	28,655	0	69,213	0	83,130	1,743	1,338,538	1,338,538	390,988	1,729,526			
315 Apparel	0	0	0	0	468	1,310	0	0	0	0	0	0	1,778	1,778	17,972	19,750			
316 Leather	190	0	0	190	56,442	133,850	3,190	0	0	0	0	1,255	194,737	194,927	381,214	576,141			
321 Wood Products	0	411	130,127	130,537	1,276,701	6,232,812	30,868	0	17,216	5	283	7,564,167	7,694,704	558,438	8,253,142				
322 Paper	0	2,634	15,785,211	15,787,845	25,519,713	102,654,229	17,864,769	0	886,319	108,229	3,818,669	308,462	151,160,389	166,948,234	7,371,186	174,319,420			
323/51 Printing and Publishing	0	0	0	0	5,213,704	4,460,726	307	0	0	0	0	4	9,674,742	9,674,742	203,889	9,878,630			
324 Petroleum	2,259,085	66	3,939	2,263,090	10,238,896	25,018,031	21,039,437	23,570	57,213	49	21,477	27,392	56,426,066	58,689,156	5,207,892	63,897,048			
325 Chemicals	137,443,124	271,711	25,281,400	162,996,235	44,446,586	112,885,285	29,017,660	13,789	390,513	27,297	15,820,567	6,995,065	209,596,764	372,592,999	42,677,899	415,270,897			
326 Plastics and Rubber	0	450,667	2,958	453,625	6,600,638	24,645,747	125,580	0	355	0	1,242	657	31,374,218	31,827,843	7,765,638	39,593,481			
327 Stone/Clay/Glass	1,927	392	206,820	209,140	548,132	14,422,836	5,188,565	0	1,031	2	55,440	346,507	20,562,513	20,771,653	2,399,400	23,171,053			
32731 Cement	0	4	1,041,901	1,041,905	34,374	4,212,215	1,713	0	0	0	34	12,334	4,260,670	5,302,576	90,836	5,393,412			
331 Primary Metals	879,347	3,199,936	24,469,938	28,549,220	6,317,750	24,925,405	28,001,950	0	15,591	0	29,251,878	29,045,177	117,557,751	146,106,972	158,055,486	304,162,458			
332 Fabricated Metals	0	5	181	186	8,279,884	13,679,009	1,463,015	0	7,691	1	226	58,141	23,487,967	23,488,152	21,433,363	44,921,515			
333 Machinery	0	0	2,075	2,075	1,535,676	1,667,281	23,044	0	3,909	0	0	22,498	3,252,409	3,254,484	1,940,709	5,195,193			
334 Computers/Electronic Products	0	0	0	0	321,078	1,103,014	1,617,627	0	0	0	0	555	3,042,273	3,042,273	2,164,449	5,206,722			
335 Electrical Equipment	0	0	4,943	4,943	434,914	1,334,139	5,094	0	0	0	3,152	2,301	1,779,601	1,784,544	3,320,708	5,105,252			
336 Transportation Equipment	0	101	357,078	357,179	7,189,758	13,396,392	104,484	0	24	0	9	30,185	20,720,852	21,078,031	8,751,435	29,829,466			
337 Furniture	0	0	0	0	605,456	3,668,964	18	1	388	0	0	438	4,275,264	4,275,264	93,333	4,368,597			
339 Miscellaneous Manufacturing	0	0	20	20	412,665	2,350,721	1,829	0	0	0	0	415	2,765,629	2,765,649	1,948,811	4,714,460			
4246 Chemical Wholesalers	0	0	0	0	762,443	382,470	197	0	0	0	0	6,711	1,151,822	1,151,822	135,531	1,287,353			
4247 Petroleum Bulk Terminals	0	0	0	0	2,109,369	944,811	13,432	0	1	0	5	1,018	3,068,637	3,068,637	109,399	3,178,036			
562 Hazardous Waste Management	7,391,656	67,619,122	2,796,697	77,807,475	171,799	367,772	22,588	0	0	190	1,178,187	292,001	2,032,538	79,840,013	28,443,080	108,283,093			
No TRI NAICS Code	0	116,833	1,161,199	1,278,032	598,548	1,033,414	15,359,093	27,668	576,736	2,447	1,018,661	10,112,104	28,728,669	30,006,702	1,707,111	31,713,813			
Total	148,444,059	71,670,132	280,574,529	500,688,720	139,416,417	774,488,791	204,765,293	26,303,435	17,087,974	1,985,445	744,825,250	593,973,643	2,502,846,248	3,003,534,967	371,368,337	3,374,903,304			

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

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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

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
NAICS Code Industry	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	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds						
														RCRA Subtitle C					
2122 Metal Mining	0	0	1,827,181	1,827,181	1,345,319	1,702,712	486,766	26,158,703	3,631	1,584,473	563,709,213	535,516,496	1,130,507,312	1,132,334,493	1,476,558	1,133,811,051			
2211 Electric Utilities	26,527	6,143	201,684,989	201,717,659	1,066,130	385,362,027	2,622,902	3	2,443,655	109,950	128,012,778	8,968,148	528,585,593	730,303,252	66,968,101	797,271,354			
325 Chemicals	137,443,124	271,711	25,281,400	162,996,235	44,446,586	112,885,285	29,017,660	13,789	390,513	27,297	15,820,567	6,995,065	209,596,764	372,592,999	42,677,899	415,270,897			
322 Paper	0	2,634	15,785,211	15,787,845	25,519,713	102,654,229	17,864,769	0	886,319	108,229	3,818,669	308,462	151,160,389	166,948,234	7,371,186	174,319,420			
331 Primary Metals	879,347	3,199,936	24,469,938	28,549,220	6,317,750	24,925,405	28,001,950	0	15,591	0	29,251,878	29,045,177	117,557,751	146,106,972	158,055,486	304,162,458			
311/312 Food/Beverages/Tobacco	442,202	2,108	46,721	491,031	13,768,381	26,908,446	81,350,674	25,725	10,713,668	152,802	87,485	1,236,197	134,243,378	134,734,409	7,741,996	142,476,405			
562 Hazardous Waste Management	7,391,656	67,619,122	2,796,697	77,807,475	171,799	367,772	22,588	0	0	190	1,178,187	292,001	2,032,538	79,840,013	28,443,080	108,283,093			
324 Petroleum	2,259,085	66	3,939	2,263,090	10,238,896	25,018,031	21,039,437	23,570	57,213	49	21,477	27,392	56,426,066	58,689,156	5,207,892	63,897,048			
326 Plastics and Rubber	0	450,667	2,958	453,625	6,600,638	24,645,747	125,580	0	355	0	1,242	657	31,374,218	31,827,843	7,765,638	39,593,481			
No TRI NAICS Code	0	116,833	1,161,199	1,278,032	598,548	1,033,414	15,359,093	27,668	576,736	2,447	1,018,661	10,112,104	28,728,669	30,006,702	1,707,111	31,713,813			

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

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

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

NAICS Code Industry		Total On-site Disposal or Other Releases Pounds	Off-site Disposal or Other Releases																	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
			Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other Off-site Disposal or Other Releases													
			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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds				
																	Unknown Pounds	Subtotal Pounds			
331	Primary Metals	146,106,972	959,636	34,939,675	94,024,852	129,924,163	1,060,403	29,341,874	425,168	2,460,212	6,106	52,587	296,614	404,688	2,256,226	1,015,808	830,200	293,951	38,443,836	168,367,999	314,474,971
2211	Electric Utilities	730,303,252	19,709	667,186	28,652,358	29,339,252	3,292,363	294,499	732	3,787	0	0	2,315,923	1,671,264	23,006,799	2,564,652	8,686,212	93,932	41,930,163	71,269,415	801,572,667
325	Chemicals	372,592,999	7,815,937	6,216,690	22,917,168	36,949,795	1,940,155	4,056,719	1,737,922	189,747	6,428	134,257	104,878	1,043,219	1,856,919	2,509,277	2,043,419	1,151,878	16,774,820	53,724,614	426,317,613
562	Hazardous Waste Management	79,840,013	291,600	8,720,373	19,554,359	28,566,331	11,416	1,301,231	116,490	1,898	11	54	4,036	11	2,236	615,868	659,756	208,543	2,921,552	31,487,883	111,327,896
332	Fabricated Metals	23,488,152	4,936,449	1,274,887	10,169,180	16,380,515	137,175	2,730,772	354,260	65,584	48,625	6,173	48,499	101,186	171,461	717,812	1,299,615	512,169	6,193,330	22,573,846	46,061,998
336	Transportation Equipment	21,078,031	124,298	629,336	5,289,377	6,043,011	7,822	1,974,618	218,776	43,248	0	2,620	18,704	1,478	316,004	146,412	338,667	61,699	3,130,049	9,173,060	30,251,091
326	Plastics and Rubber	31,827,843	3	211,356	6,297,664	6,509,024	28,993	124,319	5,685	16,374	0	877	5	2,157	174,566	354,203	613,270	19,827	1,340,276	7,949,300	39,677,143
311/312	Food/Beverages/Tobacco	134,734,409	0	70,974	729,160	800,134	102,797	246,375	4,597	21,136	0	2,335	3,689	2,642,786	3,611,903	283,211	23,722	1,272	6,943,823	7,743,957	142,478,366
322	Paper	166,948,234	0	429,294	4,389,326	4,818,621	39,647	517	99,471	151,427	0	0	604,753	1,325,674	72,947	249,894	7,481	5,518	2,557,330	7,375,950	174,324,184
324	Petroleum	58,689,156	118,304	1,044,653	1,722,687	2,885,644	24,761	225,875	50,091	126,024	879,156	547	19	50,156	815,553	110,963	494,728	106,573	2,884,447	5,770,090	64,459,246

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

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

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

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

	On-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											
State	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	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
Alabama	0	10,836,754	8,073,011	18,909,765	6,086,519	28,558,177	9,068,652	25,800	192,588	0	14,116,275	499,831	58,547,842	77,457,607	13,618,043	91,075,650
Alaska	0	0	409,959	409,959	363,051	160,372	155,625	26,150,779	0	0	279,263,217	389,239,082	695,332,125	695,742,084	185,771	695,927,854
American Samoa	0	0	0	0	0	6	0	0	0	0	0	0	6	0	0	6
Arizona	0	0	6,206,087	6,206,087	550,484	2,126,329	1,343	0	170,606	0	9,232,208	41,705,100	53,786,070	59,992,157	907,142	60,899,299
Arkansas	1,292,195	22,608	6,747,933	8,062,736	3,307,329	11,117,456	4,803,137	7,930	622,326	59,829	2,102,517	97,899	22,118,423	30,181,159	3,828,363	34,009,523
California	341,342	16,468,886	280,830	17,091,058	2,023,786	7,446,293	1,703,704	43,268	359,019	191	3,049	3,921,216	15,500,525	32,591,583	4,126,743	36,718,326
Colorado	0	1,650,036	5,520,858	7,170,894	527,678	1,702,504	1,568,743	0	120,351	0	2,391,248	3,581,820	9,892,342	17,063,236	3,105,777	20,169,013
Connecticut	0	0	10,544	10,544	399,651	1,495,743	306,541	0	0	0	1,233	2,203,169	2,213,713	1,101,200	3,314,913	
Delaware	0	0	494,082	494,082	117,677	3,054,356	1,590,477	0	28,256	0	8,036	7,115	4,805,917	5,299,999	2,785,314	8,085,313
District of Columbia	0	0	0	0	1,148	4	1,864	0	0	0	18,394	0	21,410	21,410	2,399	23,809
Florida	17,456,897	0	6,884,922	24,341,819	3,573,607	49,035,009	1,542,877	16,345	696,303	0	795,552	364,705	56,024,399	80,366,218	4,575,163	84,941,381
Georgia	0	70	1,184,407	1,184,477	8,483,635	41,543,021	11,989,648	0	626,906	48,406	12,953,531	1,128,478	76,773,626	77,958,102	1,866,647	79,824,749
Guam	0	0	60	60	15,279	88,866	116,508	0	0	0	32	3,713	224,399	224,459	49	224,508
Hawaii	0	0	0	0	244,036	1,984,530	222,963	4,477	5,127	0	0	142,403	2,603,536	2,603,536	343,728	2,947,264
Idaho	0	0	187,402	187,402	578,052	2,586,572	2,466,293	0	2,447,171	1,584,473	15,598,825	20,036,863	45,298,250	45,485,652	2,385,585	47,871,236
Illinois	267	167,011	3,888,134	4,055,413	5,359,876	23,909,735	10,223,373	0	21,853	35,305	8,314,943	615,241	48,480,326	52,535,739	42,532,834	95,068,572
Indiana	741,523	118,515	19,298,594	20,158,632	5,541,266	39,635,852	15,033,514	0	399,095	0	8,451,874	2,307,913	71,369,514	91,528,145	40,546,216	132,074,361
Iowa	0	0	5,374,990	5,374,990	2,839,781	15,281,987	5,178,235	0	937,652	0	457,282	98,248	24,793,185	30,168,175	16,308,881	46,477,055
Kansas	1,060,275	0	8,052,582	9,112,856	1,731,989	6,279,656	620,384	250	8,721	0	334,464	126,499	9,101,963	18,214,819	2,908,586	21,123,404
Kentucky	1,928	0	47,163,213	47,165,141	4,232,602	41,323,451	4,940,511	0	516,525	0	33,781,966	1,082,985	85,878,039	133,043,180	9,564,367	142,607,547
Louisiana	34,475,158	4,130,545	11,448,712	50,054,415	11,116,715	34,561,510	11,803,721	0	3,190	4,682,321	290,675	62,458,131	112,512,546	7,014,860	119,527,406	
Maine	0	0	913,056	913,056	1,185,786	2,664,694	2,872,118	0	0	0	0	17,031	6,739,629	7,652,685	810,996	8,463,681
Maryland	0	0	1,073,727	1,073,727	331,401	29,725,683	1,106,395	30,469	506,252	0	6,672	68,120	31,774,992	32,848,719	2,910,592	35,759,311
Massachusetts	0	0	5,250	5,250	668,310	2,578,736	6,194	0	0	0	10,162	12,702	3,276,105	3,281,355	2,093,654	5,375,009
Michigan	641,883	2,049,582	9,177,920	11,869,386	1,938,750	30,686,591	2,204,842	0	750	0	5,977,255	833,481	41,641,669	53,511,055	17,235,270	70,746,325
Minnesota	0	0	6,973,754	6,973,754	1,505,832	6,960,337	1,204,104	0	55,833	0	2,010,607	1,012,778	12,749,491	19,723,245	2,506,495	22,229,740
Mississippi	14,022,247	0	1,513,855	15,536,102	3,291,550	12,908,544	7,481,611	0	0	27,297	10,276,661	226,631	34,212,294	49,748,397	4,368,400	54,116,796
Missouri	0	2,554,715	3,357,323	5,912,038	3,089,566	12,011,606	1,939,698	0	13,070	0	42,622,924	8,124,248	67,801,112	73,713,150	2,014,235	75,727,384
Montana	0	52	9,748,800	9,748,852	310,360	1,987,675	259,491	7,869	1,315	0	7,648,198	19,864,988	30,079,895	39,828,747	1,340,346	41,169,093
Nebraska	0	0	5,295,491	5,295,491	544,371	4,944,667	15,174,936	0	530,479	0	1,978	323,853	21,520,284	26,815,775	2,746,980	29,562,754
Nevada	0	2,635,122	1,770,152	4,405,274	1,000,727	632,177	118	0	114	0	114,008,648	61,122,883	176,764,667	181,169,941	2,201,222	183,371,163
New Hampshire	0	0	16,347	16,347	35,447	2,633,134	1,719	0	0	0	0	0	2,670,300	2,686,647	212,627	2,899,274
New Jersey	0	135,858	1	135,859	736,965	3,589,381	5,829,664	0	19,460	2,446	0	224,114	10,402,031	10,537,890	2,406,707	12,944,597
New Mexico	22,744	0	6,273,951	6,296,695	391,129	699,535	38,361	0	2,130,094	0	1,025,853	4,565,427	8,850,397	15,147,092	150,808	15,297,901
New York	0	756,261	630,103	1,386,364	1,099,046	7,767,219	7,818,447	0	2,247	0	54	253,495	16,940,508	18,326,871	4,952,652	23,279,524
North Carolina	0	2,108	4,866,903	4,869,011	4,842,766	30,296,011	11,510,539	0	221,817	0	2,848,856	2,661,464	52,381,454	57,250,465	6,332,180	63,582,646
North Dakota	0	0	2,173,049	2,173,049	194,803	3,399,743	238,518	3,497	385,390	0	5,151,502	1,685,531	11,058,985	13,232,034	7,972,526	21,204,560
Northern Mariana Islands	0	0	0	0	1,570	4,208	0	0	0	0	2	0	5,780	5,780	328	6,108
Ohio	13,864,581	12,995,047	10,708,348	37,567,977	6,265,653	68,858,053	6,138,487	0	834,549	109,946	10,243,720	157,794	92,608,201	130,176,178	28,332,380	158,508,558
Oklahoma	48,215	7,512,836	1,483,982	9,045,034	2,666,287	12,098,455	3,022,328	0	7,718	0	833,807	487,713	19,116,308	28,161,342	1,392,603	29,553,945
Oregon	0	2,869,208	1,083,763	3,952,971	1,209,035	4,839,356	1,900,205	0	299,771	0	5,743	12,806	8,266,916	12,219,887	5,043,683	17,263,571
Pennsylvania	0	5	6,045,012	6,045,017	3,546,867	50,465,370	8,859,207	0	192,513	5	1,162,087	1,430,331	65,656,381	71,701,398	48,698,910	120,400,308
Puerto Rico	0	0	0	0	1,120,260	4,000,531	441	0	0	0	0	250	5,121,483	5,121,483	1,334,268	6,455,751
Rhode Island	0	0	0	0	73,785	99,433	693	0	0	0	0	788	174,700	174,700	220,531	395,231
South Carolina	0	470	4,084,685	4,085,155	5,805,771	26,773,931	3,285,646	0	219,420	1	3,081,392	489,956	39,656,116	43,741,271	5,660,580	49,401,851
South Dakota	0	0	2,701,938	2,701,938	530,045	873,461	90,320	55	0	0	17,973	37,045	1,548,899	4,250,837	338,805	4,589,642
Tennessee	0	16,456	17,608,531	17,624,987	6,913,474	25,032,542	3,008,403	0	471	0	26,361,764	136,800	61,453,454	79,078,441	10,023,312	89,101,753
Texas	55,192,803	3,104,806	23,163,545	81,461,154	23,172,423	39,523,893	12,562,451	5,609	2,905,526	49	6,440,560	639,603	85,250,113	166,711,267	23,068,126	189,779,393
Utah	0	3,588,294	8,422,472	12,010,766	1,376,349	5,494,823	100,856	0	204,307	0	103,615,104	22,280,107	133,071,546	145,082,313	2,291,065	147,373,378
Vermont	0	0	0	0	14,202	11,231	118,276	0	0	0	0	14,203	157,912	157,912	104,118	262,030
Virgin Islands	0	0	0	0	80,875	377,431	169,718	0	13,279	0	0	56	641,358	641,358	26,669	668,027
Virginia	0	0	1,857,646	1,857,646	3,211,429	25,203,877	18,572,616	0	24,501	0	1,479,195	535,997	49,027,615	50,885,261	5,149,931	56,035,192
Washington	0	48,961	1,169,520	1,218,481	1,296,205	5,652,008	1,573,902	0	181,701	0	3,368,104	557,697	12,629,617	13,848,098	1,781,489	15,629,587
West Virginia	0	5,926	6,293,789	6,299,715	1,515,272	25,493,26										

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

County		State		Total Facilities		Total Forms		Form As		On-site Disposal or Other Releases													Total On-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									
										Class I 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	RCRA Subtitle C Surface Impoundments	Other Surface Impoundments	Other Land Disposal	Subtotal	
Number	Number	Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds							
Northwest Arctic	AK	2	16	1	0	0	0	0	271,998	4,102	2,827	0	0	0	276,653,465	360,595,734	637,528,125	637,528,125					
Salt Lake	UT	63	234	17	0	0	543,301	543,301	145,770	450,231	100,538	0	3,609	0	101,823,372	22,159,246	124,682,766	125,226,068					
Humboldt	NV	9	56	0	0	0	767,032	767,032	34,767	309,480	100	0	0	0	46,278,596	3,195,487	49,818,431	50,585,462					
Juneau	AK	2	13	1	0	0	0	0	592	18,828	311	26,150,779	0	0	0	21,073,647	47,244,157	47,244,157					
Elko	NV	8	64	9	0	0	6,832	6,832	351,855	24,038	0	0	0	0	36,245,420	6,514,825	43,136,137	43,142,969					
Gila	AZ	6	44	0	0	0	10,839	10,839	192,157	566,228	1,271	0	0	0	491,408	39,784,850	41,035,914	41,046,753					
Lander	NV	3	30	0	0	0	1,129	1,129	68,098	114,974	0	0	21	0	13,064,844	26,891,772	40,139,709	40,140,837					
Harris	TX	347	2,211	184	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	23,184,991					
Henderson	KY	13	74	11	0	0	27,374,871	27,374,871	6,789	1,061,659	6,052	0	48	0	6,843,720	0	7,918,268	35,293,139					
Escambia	FL	13	111	9	17,417,908	0	1,100,394	18,518,302	576,222	11,727,049	146,460	0	0	0	13,790	3,356	12,466,877	30,985,180					
Eureka	NV	4	43	0	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,939,117	28,999,551					
Shoshone	ID	6	29	0	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976	25,920,743	25,920,743					
Lake	IN	50	356	9	0	0	9,429,670	9,429,670	564,099	3,552,858	1,610,059	0	0	0	0	13,261	5,740,278	15,169,947					
Beaver	PA	37	212	8	0	0	0	0	94,472	1,242,324	534,944	0	0	0	0	0	1,871,740	1,871,740					
Hancock	KY	7	61	1	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	21,333,609	21,333,758					
Montgomery	TN	12	35	2	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583	21,154,583					
Wayne	MI	110	637	49	0	2,019,374	0	2,019,374	332,700	5,460,689	26,495	0	0	0	0	1,306	5,821,190	7,840,563					
Spencer	IN	3	30	0	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	0	667,853	55	16,849,165	20,004,075					
Humphreys	TN	7	64	0	0	0	12,228,908	12,228,908	890,032	5,520,896	492,327	0	0	0	1,503,067	0	8,406,323	20,635,232					
Brazoria	TX	35	414	12	14,058,750	91,791	82,048	14,232,590	2,089,809	1,893,362	1,887,460	0	3	0	2,592	0	5,873,226	20,105,816					

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/ttr/program/FactorsToConsider.pdf.

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

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

Releases, 2009		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	
County	State	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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds			
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	637,528,607
Salt Lake	UT	0	114,433	7,489	121,922	0	20,523	0	327	0	0	0	0	372,362	80	503	8	393,804	515,726	125,741,794	
Humboldt	NV	0	859	38	897	0	0	0	0	0	0	0	0	0	0	4	0	4	901	50,586,363	
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,244,157	
Elko	NV	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	0	612	43,143,581	
Gila	AZ	0	109	0	109	0	259	0	6,855	0	0	0	0	650,270	2	0	0	657,386	657,495	41,704,248	
Lander	NV	0	1,289	0	1,289	0	0	0	0	0	0	0	4	0	499	0	0	503	1,792	40,142,629	
Harris	TX	2,176,980	245,768	10,670,807	13,093,556	441,953	73,806	20,716	22,807	24,603	0	1	457	2,216	388,258	556,190	88,840	1,619,848	14,713,404	37,898,395	
Henderson	KY	0	8,470	9,149	17,619	0	714	0	583	0	0	0	0	5	0	0	0	1,302	18,921	35,312,060	
Escambia	FL	0	612	300,847	301,459	0	0	0	116	0	0	0	0	884	0	0	0	1,000	302,459	31,287,639	
Eureka	NV	0	1,107	0	1,107	49	0	0	0	0	0	0	0	0	0	0	0	49	1,156	29,000,707	
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,920,743	
Lake	IN	287	185,068	9,090,347	9,275,702	68	534,024	91,434	199	0	0	0	0	0	27,058	77	1	652,861	9,928,563	25,098,511	
Beaver	PA	0	14,390	20,561,576	20,575,966	0	39,790	6,865	10	0	0	1,917,386	0	121	681	5,658	22	1,970,532	22,546,498	24,418,238	
Hancock	KY	0	53	106,326	106,379	0	0	7	0	0	0	0	0	4,169	0	1,670	0	5,846	112,225	21,445,983	
Montgomery	TN	0	0	106,980	106,980	0	4,159	1,817	81	0	0	0	0	0	0	0	0	6,057	113,037	21,267,621	
Wayne	MI	34,211	181,747	12,702,833	12,918,791	2,577	108,088	29,270	5,084	0	0	0	818	19,080	15,279	5,759	37,135	223,091	13,141,881	20,982,445	
Spencer	IN	0	0	892,298	892,298	0	11,490	0	0	0	0	0	0	0	0	0	0	11,490	903,788	20,907,863	
Humphreys	TN	0	7	0	7	0	0	0	0	0	0	0	0	0	0	56,300	2	56,302	56,309	20,691,541	
Brazoria	TX	619	345,518	27,564	373,701	27,897	21,712	22	0	4,508	0	0	26	2	340	12,591	66,634	133,732	507,433	20,613,248	

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

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

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

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

County		State		Total Facilities Number			Total Forms Number			Form As 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				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				RCRA Subtitle C Surface Impoundments				Other Surface Impoundments				Other Land Disposal				Subtotal			
Pounds				Pounds				Pounds				Pounds				Pounds				Pounds				Pounds				Pounds				Pounds				Pounds				Pounds				Pounds				Pounds			
Northwest Arctic	AK	2	16	1	0	0	0	543,301	543,301	271,998	4,102	2,827	0	0	0	276,653,465	360,595,734	637,528,125	637,528,125																																
Salt Lake	UT	63	234	17	0	0	543,301	543,301	145,770	450,231	100,538	0	3,609	0	101,823,372	22,159,246	124,682,766	125,226,068																																	
Humboldt	NV	9	56	0	0	0	767,032	767,032	34,767	309,480	100	0	0	0	46,278,596	3,195,487	49,818,431	50,585,462																																	
Juneau	AK	2	13	1	0	0	0	0	592	18,828	311	26,150,779	0	0	21,073,647	47,244,157	47,244,157	47,244,157																																	
Elko	NV	8	64	9	0	0	6,832	6,832	351,855	24,038	0	0	0	0	36,245,420	6,514,825	43,136,137	43,142,969																																	
Gila	AZ	6	44	0	0	0	10,839	10,839	192,157	566,228	1,271	0	0	0	491,408	39,784,850	41,035,914	41,046,753																																	
Lander	NV	3	30	0	0	0	1,129	1,129	68,098	114,974	0	0	21	0	13,064,844	26,891,772	40,139,709	40,140,837																																	
Eureka	NV	4	43	0	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,939,117	28,999,551																																	
Shoshone	ID	6	29	0	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976	25,920,743	25,920,743																																	
Hancock	KY	7	61	1	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	21,333,609	21,333,758																																	
Montgomery	TN	12	35	2	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583	21,154,583																																	
Silver Bow	MT	2	13	0	0	0	0	0	500	0	1,735	0	0	0	4,827,394	14,803,570	19,633,199	19,633,199																																	
Reynolds	MO	4	13	0	0	0	0	0	24,383	1,778	23,491	0	0	0	19,518,000	0	19,567,652	19,567,652																																	
Harris	TX	347	2,211	184	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	23,184,991																																	
Iron	MO	3	14	3	0	2,436,028	0	2,436,028	39,163	4,515	45,990	0	0	0	17,342,000	0	17,431,668	19,867,696																																	
Spencer	IN	3	30	0	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	0	667,853	55	16,849,165	20,004,075																																	
Washington	OH	17	107	0	0	0	0	0	989,930	9,055,332	1,000,977	0	172,516	0	3,302,941	4,909	14,526,604	14,526,604																																	
Armstrong	PA	4	26	0	0	0	661,539	661,539	695	16,159,972	18,486	0	0	0	0	0	16,179,152	16,840,691																																	
Monroe	MI	16	74	6	0	0	393,621	393,621	19,915	10,296,628	32,383	0	0	0	4,930,350	49,990	15,329,266	15,722,887																																	
Anne Arundel	MD	14	71	14	0	0	0	0	34,222	13,119,552	485,799	0	0	0	6,672	43,515	13,689,759	13,689,759																																	

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

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

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

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

Landfills, 2009		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 On-site Disposal or Other Releases not including Class I Undergound Injection Wells, RCRA Subtitle C Landfills and Other Landfills Pounds
		Off-site Disposal to Class I Undergound Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases																
County	State	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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds				
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482			
Salt Lake	UT	0	114,433	7,489	121,922	0	20,523	0	327	0	0	0	0	372,362	80	503	8	393,804	515,726			
Humboldt	NV	0	859	38	897	0	0	0	0	0	0	0	0	0	0	4	0	4	901			
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Elko	NV	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	0	612			
Gila	AZ	0	109	0	109	0	259	0	6,855	2	0	0	0	650,270	0	0	0	657,386	657,495			
Lander	NV	0	1,289	0	1,289	0	0	0	0	0	0	0	0	4	0	499	0	503	1,792			
Eureka	NV	0	1,107	0	1,107	49	0	0	0	0	0	0	0	0	0	0	0	49	1,156			
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hancock	KY	0	53	106,326	106,379	0	0	7	0	0	0	0	0	4,169	0	1,670	0	5,846	112,225			
Montgomery	TN	0	0	106,980	106,980	0	4,159	1,817	81	0	0	0	0	0	0	0	0	6,057	113,037			
Silver Bow	MT	0	0	32,481	32,481	0	0	0	0	0	0	0	0	0	0	0	0	0	32,481			
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Harris	TX	2,176,980	245,768	10,670,807	13,093,556	441,953	73,806	20,716	22,807	24,603	0	1	457	2,216	388,258	556,190	88,840	1,619,848	14,713,404			
Iron	MO	0	0	99,910	99,910	0	0	0	0	0	0	0	0	0	0	0	0	0	99,910			
Spencer	IN	0	0	892,298	892,298	0	0	11,490	0	0	0	0	0	0	0	0	0	11,490	903,788			
Washington	OH	0	167	193,772	193,939	0	36,923	1,617,434	0	0	0	0	0	0	135,292	6,218	0	1,795,867	1,989,806			
Armstrong	PA	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	80	16,179,232			
Monroe	MI	0	0	58,390	58,390	0	0	10	337	0	0	0	0	0	0	0	8	354	58,744			
Anne Arundel	MD	0	2,465	182,502	184,968	0	244	26	68	0	0	0	0	0	64	118	0	520	185,488			

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

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

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

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

Impoundments, 2009		On-site Disposal or Other Releases																	Total On-site Disposal or Other Releases Pounds
County	State	Total Facilities Number	Total Forms Number	Form As Number	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		
Northwest Arctic	AK	2	16	1	0	0	0	0	271,998	4,102	2,827	0	0	0	276,653,465	360,595,734	637,528,125	637,528,125	
Salt Lake	UT	63	234	17	0	0	543,301	543,301	145,770	450,231	100,538	0	3,609	0	101,823,372	22,159,246	124,682,766	125,226,068	
Humboldt	NV	9	56	0	0	0	767,032	767,032	34,767	309,480	100	0	0	0	46,278,596	3,195,487	49,818,431	50,585,462	
Juneau	AK	2	13	1	0	0	0	0	592	18,828	311	26,150,779	0	0	21,073,647	47,244,157	47,244,157	47,244,157	
Elko	NV	8	64	9	0	0	6,832	6,832	351,855	24,038	0	0	0	0	36,245,420	6,514,825	43,136,137	43,142,969	
Gila	AZ	6	44	0	0	0	10,839	10,839	192,157	566,228	1,271	0	0	0	491,408	39,784,850	41,035,914	41,046,753	
Lander	NV	3	30	0	0	0	1,129	1,129	68,098	114,974	0	0	21	0	13,064,844	26,891,772	40,139,709	40,140,837	
Henderson	KY	13	74	11	0	0	27,374,871	27,374,871	6,789	1,061,659	6,052	0	48	0	6,843,720	0	7,918,268	35,293,139	
Harris	TX	347	2,211	184	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	23,184,991	
Eureka	NV	4	43	0	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,939,117	28,999,551	
Lake	IN	50	356	9	0	0	9,429,670	9,429,670	564,099	3,552,858	1,610,059	0	0	0	0	13,261	5,740,278	15,169,947	
Beaver	PA	37	212	8	0	0	0	0	94,472	1,242,324	534,944	0	0	0	0	0	1,871,740	1,871,740	
Shoshone	ID	6	29	0	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976	25,920,743	25,920,743	
Hancock	KY	7	61	1	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	21,333,609	21,333,758	
Montgomery	TN	12	35	2	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583	21,154,583	
Spencer	IN	3	30	0	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	0	667,853	55	16,849,165	20,004,075	
Humphreys	TN	7	64	0	0	0	12,228,908	12,228,908	890,032	5,520,896	492,327	0	0	0	1,503,067	0	8,406,323	20,635,232	
Silver Bow	MT	2	13	0	0	0	0	0	500	0	1,735	0	0	0	4,827,394	14,803,570	19,633,199	19,633,199	
Reynolds	MO	4	13	0	0	0	0	0	24,383	1,778	23,491	0	0	0	19,518,000	0	19,567,652	19,567,652	
Wayne	MI	110	637	49	0	2,019,374	0	2,019,374	332,700	5,460,689	26,495	0	0	0	0	1,306	5,821,190	7,840,563	

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/riprogram/FactorsToConPDF.pdf.

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

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

County		State		Off-site Disposal or Other Releases																	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds	Total Disposal or Other Releases not including On-site Class I Underground Injection Wells, RCRA Subtitle C Landfills and RCRA Subtitle C Surface Impoundments Pounds
				Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases															
				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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds			
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	637,528,607	637,528,607		
Salt Lake	UT	0	114,433	7,489	121,922	0	20,523	0	327	0	0	0	0	372,362	80	503	8	393,804	515,726	125,741,794	125,627,360		
Humboldt	NV	0	859	38	897	0	0	0	0	0	0	0	0	0	0	4	0	4	901	50,586,363	50,585,504		
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,244,157	47,244,157		
Eiko	NV	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	0	612	43,143,581	43,142,969		
Gila	AZ	0	109	0	109	0	259	0	6,855	0	0	0	0	650,270	2	0	0	657,386	657,495	41,704,248	41,704,139		
Lander	NV	0	1,289	0	1,289	0	0	0	0	0	0	0	4	0	499	0	0	503	1,792	40,142,629	40,141,340		
Henderson	KY	0	8,470	9,149	17,619	0	714	0	583	0	0	0	0	5	0	0	0	1,302	18,921	35,312,060	35,303,590		
Harris	TX	2,176,980	245,768	10,670,807	13,093,556	441,953	73,806	20,716	22,807	24,603	0	1	457	2,216	388,258	556,190	88,840	1,619,848	14,713,404	37,898,395	29,165,788		
Eureka	NV	0	1,107	0	1,107	49	0	0	0	0	0	0	0	0	0	0	0	49	1,156	29,000,707	28,999,600		
Lake	IN	287	185,068	9,090,347	9,275,702	68	534,024	91,434	199	0	0	0	0	0	27,058	77	1	652,861	9,928,563	25,098,511	24,913,155		
Beaver	PA	0	14,390	20,561,576	20,575,966	0	39,790	6,865	10	0	0	1,917,386	0	121	681	5,658	22	1,970,532	22,546,498	24,418,238	24,403,848		
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,920,743	24,336,270		
Hancock	KY	0	53	106,326	106,379	0	0	7	0	0	0	0	0	4,169	0	1,670	0	5,846	112,225	21,445,983	21,445,930		
Montgomery	TN	0	0	106,980	106,980	0	4,159	1,817	81	0	0	0	0	0	0	0	0	6,057	113,037	21,267,621	21,267,621		
Spencer	IN	0	0	892,298	892,298	0	11,490	0	0	0	0	0	0	0	0	0	0	11,490	903,788	20,907,863	20,907,863		
Humphreys	TN	0	7	0	7	0	0	0	0	0	0	0	0	0	0	56,309	2	56,302	56,309	20,691,541	20,691,534		
Silver Bow	MT	0	0	32,481	32,481	0	0	0	0	0	0	0	0	0	0	0	0	0	32,481	19,665,680	19,665,680		
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,567,652	19,567,652		
Wayne	MI	34,211	181,747	12,702,833	12,918,791	2,577	108,088	29,270	5,084	0	0	0	818	19,080	15,279	5,759	37,135	223,091	13,141,881	20,982,445	18,747,113		

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), 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, 2009

		Total Facilities Number	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	
County	State		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					
			RCRA Subtitle C Landfills		Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V		RCRA Subtitle C		Other Surface Impoundments Pounds		Other Land Disposal Pounds				Subtotal Pounds
			Class I Wells Pounds	C Landfills Pounds						Wells Pounds	Treatment Pounds	Surface Impoundments Pounds	Impoundments Pounds							
Northwest Arctic	AK	2	0	0	0	0	271,998	4,102	2,827	0	0	0	276,653,465	360,595,734	637,528,125	637,528,125	482	637,528,607		
Salt Lake	UT	63	0	0	543,301	543,301	145,770	450,231	100,538	0	3,609	0	101,823,372	22,159,246	124,682,766	125,226,068	515,726	125,741,794		
Humboldt	NV	9	0	0	767,032	767,032	34,767	309,480	100	0	0	0	46,278,596	3,195,487	49,818,431	50,585,462	901	50,586,363		
Juneau	AK	2	0	0	0	0	592	18,828	311	26,150,779	0	0	0	21,073,647	47,244,157	47,244,157	0	47,244,157		
Elko	NV	8	0	0	6,832	6,832	351,855	24,038	0	0	0	0	36,245,420	6,514,825	43,136,137	43,142,969	612	43,143,581		
Gila	AZ	6	0	0	10,839	10,839	192,157	566,228	1,271	0	0	0	491,408	39,784,850	41,035,914	41,046,753	657,495	41,704,248		
Lander	NV	3	0	0	1,129	1,129	68,098	114,974	0	0	21	0	13,064,844	26,891,772	40,139,709	40,140,837	1,792	40,142,629		
Henderson	KY	13	0	0	27,374,871	27,374,871	6,789	1,061,659	6,052	0	48	0	6,843,720	0	7,918,268	35,293,139	18,921	35,312,060		
Escambia	FL	13	17,417,908	0	1,100,394	18,518,302	576,222	11,727,049	146,460	0	0	0	13,790	3,356	12,466,877	30,985,180	302,459	31,287,639		
Eureka	NV	4	0	0	60,434	60,434	65,170	14,919	5	0	18	0	16,558,188	12,300,817	28,939,117	28,999,551	1,156	29,000,707		
Shoshone	ID	6	0	0	0	0	13,430	154	69,979	0	0	1,584,473	12,821,731	11,430,976	25,920,743	25,920,743	0	25,920,743		
Harris	TX	347	6,114,477	195,381	398	6,310,256	5,478,428	7,234,199	2,887,374	5,609	511	0	1,268,186	428	16,874,735	23,184,991	14,713,404	37,898,395		
Hancock	KY	7	0	0	149	149	224,632	1,271,909	20,829	0	0	0	19,816,239	0	21,333,609	21,333,758	112,225	21,445,983		
Montgomery	TN	12	0	0	0	0	147,793	291,046	6,329	0	0	0	20,709,415	0	21,154,583	21,154,583	113,037	21,267,621		
Humphreys	TN	7	0	0	12,228,908	12,228,908	890,032	5,520,896	492,327	0	0	0	1,503,067	0	8,406,323	20,635,232	56,309	20,691,541		
Brazoria	TX	35	14,058,750	91,791	82,048	14,232,590	2,089,809	1,893,362	1,887,460	0	3	0	2,592	0	5,873,226	20,105,816	507,433	20,613,248		
Spencer	IN	3	0	0	3,154,910	3,154,910	795	3,584,093	12,596,369	0	0	0	667,853	55	16,849,165	20,004,075	903,788	20,907,863		
Iron	MO	3	0	2,436,028	0	2,436,028	39,163	4,515	45,990	0	0	0	17,342,000	0	17,431,668	19,867,696	99,910	19,967,606		
Silver Bow	MT	2	0	0	0	0	500	0	1,735	0	0	0	4,827,394	14,803,570	19,633,199	19,633,199	32,481	19,665,680		
Reynolds	MO	4	0	0	0	0	24,383	1,778	23,491	0	0	0	19,518,000	0	19,567,652	19,567,652	0	19,567,652		

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

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

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

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

					On-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										

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3B), Other Surface Impoundments (5.5.3A), and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M1), RCRA Subtitle C Landfills (M6), Other Landfills (M6A, M7), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M82 or M81), RCRA Subtitle C Surface Impoundments (M6B), 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, M81), and Unknown (M89) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

11/24/10

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

	Off-site Disposal or Other Releases																		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/FactorsToConPDF.pdf. Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M60), 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 (M84, M81), and Unknown (M69) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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

					On-site Disposal to Class I Underground Injection Wells, RCRA				On-site Disposal or Other Releases												Total On-site Disposal or Other Releases Pounds
									Other On-site Disposal or Other Releases												
Facility	City	State	NAICS Code	Total Forms Number	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	12	0	0	0	0	268,697	502	2,798	0	0	0	276,653,465	360,595,734	637,521,196	637,521,196			
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperport	UT	2122	20	0	0	54,169	54,169	4,474	8,908	5,305	0	3,570	0	79,397,407	22,139,214	101,558,879	101,613,047			
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	23	0	0	3,150	3,150	21,441	98,781	100	0	0	0	46,117,427	1,742,799	47,980,548	47,983,698			
Hecia Greens Creek Mining Co	Juneau	AK	2122	9	0	0	0	0	592	18,496	278	26,150,756	0	0	21,073,647	47,243,770	47,243,770	47,243,770			
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	6,660	6,660	6,660	304,033	22,590	0	0	0	0	34,646,507	6,498,342	41,471,472	41,478,132			
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	23	0	0	2,681	2,681	38,527	2,213	5	0	18	0	16,556,200	11,873,000	28,269,963	28,272,644			
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	489,133	489,133	8,011	102,669	7,223	0	39	0	22,423,779	5,740	22,547,460	23,036,593	23,036,593			
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	10,839	10,839	85,759	413,113	0	0	0	0	0	20,486,843	20,985,715	20,986,554			
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	636	223,226	6,306	0	0	0	20,709,415	0	20,939,583	20,939,583			
Big Rivers Electric Corp Coleman Station	Hawesville	KY	2211	15	0	0	0	0	40	720,966	2,319	0	0	0	19,816,239	0	20,539,564	20,539,564			
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	98,369	152,353	1,271	0	0	0	217,260	19,766,319	19,766,319	19,766,319			
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	0	1,584	521	0	0	0	0	1,371,181	19,047,799	20,421,085	20,421,085			
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,827,394	14,803,570	19,631,214	19,631,214			
Cortez Gold Mines	Crescent Valley	NV	2122	14	0	0	1,129	1,129	21,651	690	0	0	21	0	11,693,663	7,843,973	19,559,998	19,561,126			
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	6	0	0	0	0	62	100	3,131	0	0	0	11,854,866	6,954,280	18,812,439	18,812,439			
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	12,514	379	45,023	0	0	0	17,342,000	0	17,399,916	17,399,916			
RRI Energy Inc Keystone Power Plant	Shelocla	PA	2211	17	0	0	626,244	626,244	430	15,436,496	18,438	0	0	0	0	0	15,455,363	16,081,607			
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	9,611	9,691,081	31,671	0	0	0	4,886,608	0	14,618,972	14,618,972			
Brandon Shores & Wagner Complex	Baltimore	MD	2211	28	0	0	0	0	31,493	13,109,753	1,232	0	0	0	0	39,512	13,181,990	13,181,990			
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	10,421	12,583,748	0	0	0	0	0	12,594,169	12,594,169			
US Army Radford Army Ammunition Plant	Radford	VA	15	0	0	0	0	0	28,861	386,486	12,009,175	0	0	0	0	400	12,424,922	12,424,922			
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	25	25	25	936	0	12	0	0	0	1,025,900	10,100,685	11,127,533	11,127,558			
Gulf Power Co - Plant Crist	Pensacola	FL	2211	18	0	0	928,750	928,750	25,200	9,804,196	5,832	0	0	0	27,297	9,585,067	10,042,683	10,042,683			
Brushy Creek Mine/Mill	Bunker	MO	2122	4	0	0	0	0	2,771	0	9,532	0	0	0	13,790	9,849,018	10,777,767	10,777,767			
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	22	0	874,220	874,220	1,054	9,449,158	9,110	0	0	0	0	9,498,000	9,510,303	9,510,303	9,510,303			
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	22	0	0	0	0	27,193	7,713,713	245,204	0	0	0	1,331,203	0	9,317,312	9,317,312			
American Electric Power Muskingum River Plant	Beverly	OH	2211	20	0	0	0	0	310	7,421,075	7,940	0	172,516	0	846,115	45	8,448,000	8,448,000			
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	44,100	5,431,270	24,201	0	0	0	2,761,978	0	8,261,549	8,261,549			
Morgantown Generating Station	Newburg	MD	2211	18	0	0	0	0	2,017	7,067,197	529	0	0	0	0	0	7,069,743	7,069,743			
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	787	31,873	674	0	0	0	0	7,769,546	7,802,880	7,802,880			
Big Rivers Electric Corp Reid/Green/HMP&L Station II	Robards	KY	2211	20	0	27,374,870	27,374,870	60	601,552	5,894	0	0	0	0	6,843,720	0	7,451,226	34,826,096			
JM Stuart Station	Manchester	OH	2211	20	0	0	0	0	73	4,566,050	23,421	0	0	109,946	2,673,297	0	7,372,787	7,372,787			
American Electric Power Amos Plant	Winfield	WV	2211	20	0	40,473	40,473	1,535	6,675,594	11,950	0	0	0	0	494,384	55	7,183,518	7,223,991			
Fletcher Mine/Mill	Centerville	MO	2122	3	0	0	0	0	3,769	101	9,033	0	0	0	7,096,000	0	7,108,903	7,108,903			
P4 Production LLC	Soda Springs	ID	325	17	0	0	0	0	7,362	165,669	1,139	0	0	0	6,822,384	6,996,554	6,996,554	6,996,554			
Scherer Steam Electric Generating Plant	Juliette	GA	2211	18	0	0	0	0	31,000	1,160,202	31,130	0	0	0	5,712,725	0	6,935,057	6,935,057			
CF Industries Inc	Donaldsonville	LA	325	12	0	0	0	0	307,624	5,480,396	1,112,004	0	0	0	0	6,900,024	6,900,024	6,900,024			
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	7	0	0	0	0	296	7,627	217	0	0	0	0	0	8,139	8,139			
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	13	0	0	0	0	0	6,155,089	4,932	0	0	0	607,120	0	6,767,142	6,767,142			
Kentucky Utilities Co Ghent Station	Ghent	KY	2211	20	0	0	0	0	3,784	4,225,878	69,498	0	0	0	2,371,866	0	6,671,027	6,671,027			
American Electric Power Big Sandy Plant	Louisa	KY	2211	18	0	0	0	0	1,030	5,437,314	6,397	0	117,015	0	7,108,903	45	6,351,006	6,351,006			
Pogo Mine	Delta Junction	AK	2122	19	0	0	0	0	1,597	339	150,315	0	0	0	0	6,174,876	6,327,127	6,327,127			
Koch Nitrogen Co LLC	Enid	OK	325	9	0	0	0	0	130,505	5,218,650	796,055	0	0	0	0	255	6,145,465	6,145,465			
American Electric Power Cardinal Plant	Brilliant	OH	2211	20	0	21,833	21,833	805	4,290,199	16,493	0	193,975	0	1,637,952	55	6,139,479	6,161,312	6,161,312			
EME Homer City Generation LP	Homer City	PA	2211	22	0	1,511,350	1,511,350	138	6,027,737	72,044	0	0	0	0	0	0	6,099,919	7,611,269			
US Silver - Idaho Inc	Wallace	ID	2122	7	0	0	0	0	270	0	13	0	0	1,584,473	0	4,476,696	6,061,452	6,061,452			
Miller Steam Plant	Quinton	AL	2211	20	0	0	0	0	33,000	1,042,448	7,025	0	0	0	4,859,720	0	5,942,193	5,942,193			
W H Sammis Plant	Stratton	OH	2211	19	0	0	0	0	34,379	5,857,756	10,200	0	0	0	0	0	5,902,335	5,902,335			
BASF Corp Attapulgus Ops	Attapulgus	GA	327	4	0	0	3,000	3,000	255	3,960,014	1,813,400	0	0	0	0	0	5,773,669	5,776,669			

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

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

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

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

Facility	Off-site Disposal or Other Releases																	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds	Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills Pounds	Total Disposal or Other Releases not including Class I
	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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds				
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	637,521,678	637,521,678	
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	16,848	0	0	0	0	0	0	0	0	22	0	16,870	16,870	101,629,918	101,575,749	
Newmont Mining Corp Twin Creeks Mine	0	859	0	859	0	0	0	0	0	0	0	0	0	0	0	0	859	47,984,557	47,980,548		
Hecia Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,243,770	47,243,770		
Barrick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	612	41,478,744	41,471,472		
Newmont Mining Corp - Carlin South Area	0	1,107	0	1,107	0	0	0	0	0	0	0	0	0	0	0	0	1,107	28,273,751	28,269,963		
Kennecott Utah Copper Smelter & Refinery	0	0	75	75	0	3,554	0	0	0	0	0	0	0	0	0	3,554	3,629	23,040,221	22,551,013		
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	13	20,996,567	20,985,728			
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,939,583	20,939,583			
Big Rivers Electric Corp Coleman Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,539,564	20,539,564			
Freeport-McMoran Miami Inc	0	0	0	0	0	259	0	6,843	0	0	0	0	650,270	0	0	657,371	20,423,690	20,423,690			
Newmont Mining Corp Copper Canyon Facility	0	1,289	0	1,289	0	0	0	0	0	0	0	0	0	0	0	1,289	20,422,374	20,421,085			
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,631,214	19,631,214			
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	4	0	499	0	503	19,561,629	19,560,500			
Hecia Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,812,439	18,812,439			
Bulck Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,399,916	17,399,916			
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,081,607	15,455,363			
Detroit Edison Monroe Power Plant	0	0	15,164	15,164	0	0	0	0	0	0	0	0	0	0	0	0	15,164	14,634,136	14,618,972		
Brandon Shores & Wagner Complex	0	2,460	182,484	184,944	0	0	0	6	0	0	0	0	0	0	0	6	184,951	13,366,941	13,181,996		
AK Steel Corp (Rockport Works)	0	0	887,135	887,135	0	11,490	0	0	0	0	0	0	0	0	0	11,490	898,625	13,492,794	12,605,659		
US Army Radford Army Ammunition Plant	0	1,850	105,652	107,502	0	1,200	0	0	0	0	0	0	0	6	27,042	3,960	32,207	12,564,631	12,457,129		
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,127,558	11,127,533			
Tronox LLC	0	0	0	0	0	5,605	0	0	0	0	0	0	0	0	0	5,605	10,048,288	10,048,288			
Gulf Power Co - Plant Crist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,777,767	9,849,018			
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,510,303	9,510,303			
Florida Power Corp Crystal River Energy Complex	0	0	2,435	2,435	0	0	0	0	0	0	0	0	0	327	0	327	2,762	10,336,859	9,460,204		
US TVA Paradise Fossil Plant	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	8	9,317,312	9,317,312			
American Electric Power Muskingum River Plant	0	0	4,504	4,504	0	0	0	0	0	0	0	0	0	0	0	4,504	8,452,504	8,448,000			
Bowen Steam Electric Generating Plant	0	0	0	0	0	26	0	0	0	0	0	0	0	0	26	26	8,261,575	8,261,575			
Morgantown Generating Station	0	0	0	0	971,757	0	0	0	0	0	0	0	0	20	0	971,777	8,041,520	8,041,520			
Doe Run Co Herculaneum Smelter	0	0	0	0	0	171	0	1,221	0	0	0	0	0	0	0	1,392	7,804,271	7,804,271			
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	34,826,096	7,451,226			
JM Stuart Station	0	0	286	286	0	0	0	0	0	0	0	0	0	0	0	286	7,373,073	7,372,787			
American Electric Power Amos Plant	0	0	1,501,252	1,501,252	0	0	0	0	0	0	0	0	0	0	0	1,501,252	8,725,243	7,183,518			
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,108,903	7,108,903			
P4 Production LLC	0	0	0	0	0	27	0	0	0	0	0	0	0	3,395	0	3,423	6,999,976	6,999,976			
Scherer Steam Electric Generating Plant	0	8	1,525	1,533	0	0	0	0	0	0	0	0	0	0	0	0	1,534	6,936,591	6,935,058		
CF Industries Inc	0	0	34,408	34,408	0	0	0	0	1	0	0	0	0	0	0	1	34,409	6,934,433	6,900,025		
Nucor Steel Tuscaloosa Inc	0	0	42,589	42,589	0	6,867,066	0	21	0	0	0	0	0	0	0	6,867,087	6,917,816	6,875,227			
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	17	6,767,158	6,767,158			
Kentucky Utilities Co Ghent Station	0	0	0	0	410	0	0	0	0	0	0	0	0	0	410	410	6,671,437	6,671,437			
American Electric Power Big Sandy Plant	40	0	2,080	2,120	0	0	0	0	0	0	0	0	0	0	0	2,120	6,353,125	6,353,006			
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	110	6,327,237	6,327,237			
Koch Nitrogen Co LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,145,465	6,145,465		
American Electric Power Cardinal Plant	0	0	7,563	7,563	0	0	0	0	0	0	0	0	0	0	0	7,563	6,168,876	6,139,479			
EME Homer City Generation LP	0	0	155	155	0	700	0	0	0	0	0	0	0	0	700	855	7,612,124	6,100,619			
US Silver - Idaho Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,061,452	6,061,452			
Miller Steam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,942,193	5,942,193			
W H Sammis Plant	0	0	1,667,533	1,667,533	0	0	0	0	0	0	0	0	0	0	0	1,667,533	7,569,868	5,902,335			
BASF Corp Attapulgus Ops	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,776,669	5,773,669			

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

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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, 2009

					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					
Facility	City	State	NAICS Code	Total Forms Number	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	12	0	0	0	0	268,697	502	2,798	0	0	0	276,653,465	360,595,734	637,521,196	637,521,196		
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	20	0	0	54,169	54,169	4,474	8,908	5,305	0	3,570	0	79,397,407	22,139,214	101,558,879	101,613,047		
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	23	0	0	3,150	3,150	21,441	98,781	100	0	0	0	46,117,427	1,742,799	47,980,548	47,983,698		
Hackla Greens Creek Mining Co	Jeneau	AK	2122	9	0	0	0	0	592	18,496	278	0	26,150,756	0	21,073,647	47,243,770	47,243,770	47,243,770		
Barriett Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	304,033	22,590	0	0	0	0	34,646,507	6,498,342	41,471,472	41,478,132		
Big Rivers Electric Corp Reid/Green/HMP&L Station II	Robards	KY	2211	20	0	0	27,374,870	27,374,870	60	601,552	5,894	0	0	0	6,843,720	0	7,451,226	34,826,096		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	23	0	0	2,681	2,681	38,527	2,213	5	0	18	0	16,556,200	11,673,000	28,269,963	28,272,644		
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	489,133	489,133	8,011	102,669	7,223	0	39	0	22,423,779	5,740	22,547,460	23,036,593		
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	10,839	10,839	85,759	413,113	0	0	0	0	0	20,486,843	20,985,715	20,996,554		
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	12,618	585,103	4,128	0	0	0	0	0	601,849	601,849		
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	636	223,226	6,306	0	0	0	20,709,415	0	20,939,583	20,939,583		
Big Rivers Electric Corp Coleman Station	Hawesville	KY	2211	15	0	0	0	0	40	720,966	2,319	0	0	0	19,816,239	0	20,539,564	20,539,564		
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	98,369	152,353	1,271	0	0	0	217,260	19,297,066	19,766,319	19,766,319		
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	12	0	0	0	0	1,584	521	0	0	0	0	1,371,181	19,047,799	20,421,085	20,421,085		
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,827,394	14,803,570	19,631,214	19,631,214		
Cortez Gold Mines	Crescent Valley	NV	2122	14	0	0	1,129	1,129	21,651	690	0	0	21	0	11,693,663	7,843,973	19,559,998	19,561,126		
Hackla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	6	0	0	0	0	62	100	3,131	0	0	0	11,854,866	6,954,280	18,812,439	18,812,439		
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	12,514	379	45,023	0	0	0	17,342,000	0	17,399,916	17,399,916		
RRI Energy Inc Keystone Power Plant	Shelocla	PA	2211	17	0	0	626,244	626,244	430	15,436,496	18,438	0	0	0	0	0	15,455,363	16,081,607		
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	9,611	9,691,081	31,671	0	0	0	4,886,608	0	14,618,972	14,618,972		
Big Rivers Electric Corp Wilson Station	Centerdown	KY	2211	16	0	0	13,747,788	13,747,788	45	14,213	1,456	0	0	0	0	0	15,714	13,763,503		
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	10,421	12,583,748	0	0	0	0	0	12,594,169	12,594,169		
Brandon Shores & Wagner Complex	Baltimore	MD	2211	28	0	0	0	0	31,493	13,109,753	1,232	0	0	0	39,512	13,181,990	13,181,990	13,181,990		
US Army Radford Army Ammunition Plant	Radford	VA	15	0	0	0	0	0	28,861	396,486	12,009,175	0	0	0	400	12,424,922	12,424,922	12,424,922		
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	9,475,355	9,475,355	4,585	2,883,168	1,869	0	0	0	0	0	2,889,622	12,364,976		
USS Gary Works	Gary	IN	331	46	0	0	9,429,670	9,429,670	362,962	253,641	1,435,313	0	0	0	0	0	2,051,915	11,481,585		
Peoria Disposal Co #1	Peoria	IL	562	11	0	167,011	0	167,011	1	0	7	0	0	0	0	0	8	167,019		
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	936	0	12	0	0	0	1,025,900	10,100,685	11,127,533	11,127,533		
Gulf Power Co - Plant Crist	Pensacola	FL	2211	18	0	0	928,750	928,750	25,200	9,804,196	5,832	0	0	0	13,790	0	9,849,018	10,777,767		
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	22	0	0	874,220	874,220	1,054	9,449,158	9,110	0	0	0	555	0	9,459,877	10,334,097		
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	61,130	121,155	248,034	0	0	27,297	9,585,067	0	10,042,683	10,042,683		
Colstrip Steam Electric Station	Colstrip	MT	2211	24	0	0	9,551,120	9,551,120	265	236,255	0	0	0	0	0	0	236,520	9,787,640		
MEMC Pasadena Inc	Pasadena	TX	325	4	0	0	0	0	42,634	25,868	0	0	0	0	0	0	68,502	68,502		
Brushy Creek Mine/Mill	Bunker	MO	2122	4	0	0	0	0	2,771	0	9,532	0	0	0	9,498,000	0	9,510,303	9,510,303		
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	22	0	0	0	0	27,193	7,713,713	245,204	0	0	0	1,331,203	0	9,317,312	9,317,312		
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	40,473	40,473	1,535	6,675,594	11,950	0	0	0	494,394	55	7,183,518	7,223,991		
American Electric Power Muskingum River Plant	Beverly	OH	2211	18	0	0	0	0	310	7,421,075	7,940	0	172,516	0	846,115	45	8,448,000	8,448,000		
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	44,100	5,431,270	24,201	0	0	0	2,761,978	0	8,261,549	8,261,549		
Morgantown Generating Station	Newburg	MD	2211	18	0	0	0	0	2,017	7,067,197	529	0	0	0	0	0	7,069,743	7,069,743		
International Paper Co - Mansfield Mill	Mansfield	LA	322	22	0	0	4,210,275	4,210,275	252,219	3,309,384	79,733	0	0	0	19,792	0	3,661,129	7,871,404		
Doe Run Co Herculeaneum Smelter	Herculeaneum	MO	331	10	0	0	0	0	787	31,873	674	0	0	0	0	7,769,546	7,802,880	7,802,880		
ENR Homer City Generation LP	Homer City	PA	2211	22	0	0	1,511,350	1,511,350	138	6,027,737	72,044	0	0	0	0	0	6,099,919	7,611,269		
W H Sammis Plant	Stratton	OH	2211	19	0	0	0	0	34,379	5,857,756	10,000	0	0	0	0	0	5,902,335	5,902,335		
ArcelorMittal USA Inc	East Chicago	IN	331	24	0	0	0	0	8,789	110,407	73,703	0	0	0	0	0	192,898	192,898		
Xcel Energy Sherburne County Generating Plant	Becker	MN	2211	19	0	0	6,217,580	6,217,580	452	133,440	260	0	0	0	234,072	896,748	1,264,972	7,482,552		
American Electric Power Rockport Plant	Rockport	IN	2211	19	0	0	3,154,910	3,154,910	795	3,554,932	12,621	0	0	0	667,853	55	4,236,256	7,391,166		
JM Stuart Station	Manchester	OH	2211	20	0	0	0	0	73	4,966,050	23,421	0	0	109,946	2,673,297	0	7,372,787	7,372,787		
Fletcher Mine/Mill	Centerville	MO	2122	3	0	0	0	0	3,769	101	9,033	0	0	0	7,096,000	0	7,108,903	7,108,903		
P4 Production LLC	Soda Springs	ID	325	17	0	0	0	0	7,362	165,669	1,139	0	0	0	0	6,822,384	6,996,554	6,996,554		
Scherer Steam Electric Generating Plant	Juliette	GA	2211	18	0	0	0	0	31,000	1,160,202	31,130	0	0	0	5,712,725	0	6,935,057	6,935,057		

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

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/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 (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 (M63), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M91), Other Off-site Management (M80), Transfers to Waste Broker - Disposal (M94, M91), and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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

Facility	Off-site Disposal or Other Releases																	Total 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 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) Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds			
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	637,521,678	637,521,678
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	16,848	0	0	0	0	0	0	0	0	22	0	16,870	101,629,918	101,629,918	
Newmont Mining Corp Twin Creeks Mine	0	859	0	859	0	0	0	0	0	0	0	0	0	0	0	0	859	47,984,557	47,983,698	
Hedra Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47,243,770	47,243,770	
Barrick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	612	41,478,744	41,478,744	
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	34,826,096	34,826,096	
Newmont Mining Corp - Carlin South Area	0	1,107	0	1,107	0	0	0	0	0	0	0	0	0	0	0	0	1,107	28,272,751	28,272,644	
Kennecott Utah Copper Smelter & Refinery	0	0	75	75	0	3,554	0	0	0	0	0	0	0	0	0	0	3,554	23,040,221	23,040,221	
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13	20,996,567	20,996,567	
Horsehead Corp Monaca Smelter	0	0	20,324,417	20,324,417	0	33,288	0	0	0	0	0	0	0	15	0	22	33,325	20,959,591	20,959,591	
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,939,583	20,939,583	
Big Rivers Electric Corp Coleman Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,539,564	20,539,564	
Freeport-McMoran Miami Inc	0	0	0	0	0	259	0	6,843	0	0	0	0	650,270	0	0	0	657,371	20,423,690	20,423,690	
Newmont Mining Corp Copper Canyon Facility	0	1,289	0	1,289	0	0	0	0	0	0	0	0	0	0	0	0	1,289	20,422,374	20,421,085	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19,631,214	19,631,214	
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	4	0	499	0	0	503	19,561,629	19,561,629	
Hedra Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,812,439	18,812,439	
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,399,916	17,399,916	
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,081,607	16,081,607	
Detroit Edison Monroe Power Plant	0	0	15,164	15,164	0	0	0	0	0	0	0	0	0	0	0	0	15,164	14,634,136	14,634,136	
Big Rivers Electric Corp Wilson Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,763,503	13,763,503	
AK Steel Corp (Rockport Works)	0	0	887,135	887,135	0	11,490	0	0	0	0	0	0	0	0	0	0	11,490	898,625	13,492,794	
Brandon Shores & Wagner Complex	0	2,460	182,484	184,944	0	0	0	0	0	0	0	0	0	0	0	0	0	184,951	13,366,941	13,366,941
US Army Radford Army Ammunition Plant	0	1,850	105,652	107,502	0	1,200	0	0	0	0	0	0	0	6	27,042	3,960	32,207	12,564,631	12,562,781	
DuPont Johnsonville Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,364,976	12,364,976	
USS Gary Works	287	0	2,193	2,480	0	511,583	28	0	0	0	0	0	0	11,438	0	0	523,050	12,007,115	12,006,828	
Peoria Disposal Co #1	0	0	11,257,057	11,257,057	0	0	0	107	0	0	0	0	0	0	0	0	107	11,257,164	11,424,183	
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,127,558	11,127,558	
Gulf Power Co - Plant Crist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,777,767	10,777,767	
Florida Power Corp Crystal River Energy Complex	0	0	2,435	2,435	0	0	0	0	0	0	0	0	0	327	0	0	327	2,762	10,336,859	10,336,859
Tronox LLC	0	0	0	0	0	5,605	0	0	0	0	0	0	0	0	0	0	5,605	10,048,288	10,020,991	
Colstrip Steam Electric Station	0	232	0	232	0	0	0	0	0	0	0	0	0	115,755	215	0	115,970	116,202	9,903,842	
MEMC Pasadena Inc	0	0	9,607,273	9,607,273	0	0	0	0	0	0	0	0	0	0	0	0	0	9,607,273	9,675,775	9,675,775
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,510,303	9,510,303	
US TVA Paradise Fossil Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	9,317,321	9,317,321	
American Electric Power Amos Plant	0	0	1,501,252	1,501,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,501,252	8,725,243	8,725,243
American Electric Power Muskingum River Plant	0	0	4,504	4,504	0	0	0	0	0	0	0	0	0	0	0	0	0	4,504	8,452,504	8,452,504
Bowen Steam Electric Generating Plant	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	26	8,261,575	8,261,575	
Morgantown Generating Station	0	0	0	0	971,757	0	0	0	0	0	0	0	0	0	20	0	971,777	8,041,520	8,041,520	
International Paper Co - Mansfield Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,871,404	7,871,404	
Doe Run Co Herculesum Smelter	0	0	0	0	0	171	0	1,221	0	0	0	0	0	0	0	1,392	1,392	7,804,271	7,804,271	
EME Homer City Generation LP	0	0	155	155	0	700	0	0	0	0	0	0	0	0	0	0	700	855	7,612,124	7,612,124
W H Sammis Plant	0	0	1,667,533	1,667,533	0	0	0	0	0	0	0	0	0	0	0	0	0	1,667,533	7,569,868	7,569,868
ArcelorMittal USA Inc	0	470	7,345,039	7,345,509	0	1,460	0	0	0	0	0	0	0	0	0	0	1,460	7,346,969	7,539,867	7,539,397
Xcel Energy Sherburne County Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	111	0	0	111	7,482,663	7,482,663	
American Electric Power Rockport Plant	0	0	5,163	5,163	0	0	0	0	0	0	0	0	0	0	0	0	0	5,163	7,396,329	7,396,329
JM Stuart Station	0	0	286	286	0	0	0	0	0	0	0	0	0	0	0	0	0	286	7,373,073	7,373,073
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,108,903	7,108,903	7,108,903
P4 Production LLC	0	0	0	0	0	27	0	0	0	0	0	0	0	3,395	0	0	3,423	6,999,976	6,999,976	6,999,976
Scherer Steam Electric Generating Plant	0	8	1,525	1,533	0	0	0	0	0	0	0	0	0	0	0	0	1,534	6,936,591	6,936,591	6,936,591

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (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 (M80), Transfers to Waste Broker - Disposal (M84, M81), 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, 2009

Facility	City	State	NAICS Code	Total Forms Number	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							
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	268,697	502	2,798	0	0	0	276,653,465	360,595,734	637,521,196	637,521,196	482	637,521,678				
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	20	0	0	54,169	54,169	4,474	8,908	5,305	0	3,570	0	79,397,407	22,139,214	101,558,879	101,613,047	16,870	101,629,918				
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	23	0	0	3,150	3,150	21,441	98,781	100	0	0	0	46,117,427	1,742,799	47,980,548	47,983,698	859	47,984,557				
Hecia Greens Creek Mining Co	Juneau	AK	2122	9	0	0	0	0	592	18,496	278	26,150,756	0	0	0	21,073,647	47,243,770	47,243,770	0	47,243,770				
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	304,033	22,590	0	0	0	0	34,646,507	6,498,342	41,471,472	41,478,132	612	41,478,744				
Big Rivers Electric Corp Reid/Green/HMP&L Station II	Robards	KY	2211	20	0	0	27,374,870	27,374,870	60	601,552	5,894	0	0	0	6,843,720	0	7,451,226	34,826,096	0	34,826,096				
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	23	0	0	2,681	2,681	38,527	2,213	5	0	18	0	16,556,200	11,673,000	28,269,963	28,272,644	1,107	28,273,751				
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	489,133	489,133	8,011	102,669	7,222	0	39	0	22,423,779	5,740	22,036,959	23,036,959	3,629	23,040,221				
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	10,839	10,839	85,759	413,113	0	0	0	0	0	20,486,843	20,985,715	20,986,554	13	20,996,567				
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	636	223,226	6,306	0	0	0	20,709,415	0	20,939,583	20,939,583	0	20,939,583				
Big Rivers Electric Corp Coleman Station	Hawesville	KY	2211	15	0	0	0	0	40	720,966	2,319	0	0	0	19,816,239	0	20,539,564	20,539,564	0	20,539,564				
Newmont Mining Corp Copper Canyon Facility	Butte Mountain	NV	2122	12	0	0	0	0	1,584	521	0	0	0	0	1,371,181	19,047,799	20,421,085	20,421,085	1,289	20,422,374				
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	98,369	152,353	1,271	0	0	0	217,260	19,297,066	19,766,319	19,766,319	657,371	20,423,690				
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,827,394	14,803,570	19,631,214	19,631,214	0	19,631,214				
Cortez Gold Mines	Crescent Valley	NV	2122	14	0	0	1,129	1,129	21,651	690	0	0	21	0	11,693,663	7,843,973	19,559,996	19,561,126	503	19,561,629				
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	6	0	0	0	0	62	100	3,131	0	0	0	11,854,866	6,954,280	18,812,439	18,812,439	0	18,812,439				
Solutia - Huntsman	Canonmont	FL	325	33	17,417,908	0	0	17,417,908	23,881	109,166	0	0	0	0	0	133,048	17,550,956	1,609	17,552,565					
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	12,514	379	45,023	0	0	0	17,342,000	0	17,399,916	17,399,916	0	17,399,916				
Ineos USA LCL Green Lake Plant	Port Lavaca	TX	325	23	16,104,213	0	0	16,104,213	85,123	73,546	1,387	0	0	0	0	160,056	16,264,269	2,521	16,266,790					
RRJ Energy Inc Keystone Power Plant	Sheloca	PA	2211	17	0	0	626,244	626,244	430	15,436,496	18,438	0	0	0	0	15,455,363	16,081,607	0	16,081,607					
DuPont Delisle Plant	Pass Christian	MS	325	22	14,022,247	0	326,080	14,348,326	4,259	947,055	1,827	0	0	2	953,143	15,301,471	15,301,471	136	15,301,607					
Chemical Waste Management Inc	Kettlemans City	CA	562	34	0	14,552,714	126,507	14,679,220	7,321	146	0	0	0	190	0	7,666	14,686,876	6,256	14,693,132					
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	9,611	9,691,081	31,671	0	0	0	4,886,608	0	14,618,972	14,618,972	15,164	14,634,136				
Cytac Industries Inc Fortier Plant	Westwego	LA	325	21	13,664,293	0	0	13,664,293	29,136	323,238	16,965	0	0	0	369,339	14,033,632	14,033,632	348	14,033,980					
Big Rivers Electric Corp Wilson Station	Centertown	KY	2211	16	0	0	13,747,788	13,747,788	45	14,213	1,456	0	0	0	15,714	13,763,503	13,763,503	0	13,763,503					
Brandon Shores & Wagner Complex	Baltimore	MD	2211	28	0	0	0	0	31,493	13,109,753	1,232	0	0	0	39,512	13,181,990	13,181,990	184,951	13,366,941					
AK Steel Corp (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	10,421	12,583,748	0	0	0	0	12,594,169	12,594,169	898,625	13,492,794					
EnviroSafe Services of Ohio Inc	Oregon	OH	562	16	0	12,544,380	0	12,544,380	179	10	0	0	0	0	0	189	12,544,570	330	12,544,900					
US Army Radford Army Ammunition Plant	Radford	VA	15	0	0	0	0	0	28,861	386,486	12,009,175	0	0	0	0	400	12,424,922	139,709	12,564,631					
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	9,475,355	9,475,355	4,585	2,863,168	1,869	0	0	0	0	0	2,889,622	12,364,976	0	12,364,976				
USS Gary Works	Gary	IN	331	46	0	0	9,429,670	9,429,670	362,962	253,641	1,435,313	0	0	0	0	0	2,051,915	11,481,585	525,530	12,007,115				
Ascend Performance Materials Chocolate Bayou Facility	Alvin	TX	325	35	11,038,898	85,089	0	11,123,987	31,887	84,436	10,941	0	0	0	0	127,264	11,251,251	0	11,251,251					
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	936	0	12	0	0	0	1,025,900	10,100,685	11,127,533	11,127,533	0	11,127,533				
Monsanto Luling	Luling	LA	325	17	10,658,428	0	0	10,658,428	6,157	85,382	162,152	0	0	0	0	253,691	10,912,119	323	10,912,442					
Chemical Waste Management	Emelle	AL	562	34	0	10,836,719	0	10,836,719	1,137	1,626	0	0	0	0	0	2,762	10,839,481	30,857	10,870,338					
Gulf Power Co - Plant Crist	Pensacola	FL	2211	18	0	0	928,750	928,750	25,200	9,804,196	5,832	0	0	0	13,790	0	9,849,018	9,777,767	0	9,777,767				
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	22	0	0	874,220	874,220	1,054	9,449,158	9,110	0	0	0	555	0	9,459,877	10,334,097	2,762	10,336,859				
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	61,130	121,155	248,034	0	0	27,297	9,585,067	0	10,042,683	5,605	10,048,288					
Colstrip Steam Electric Station	Colstrip	MT	2211	24	0	0	9,551,120	9,551,120	265	236,255	0	0	0	0	0	236,520	9,787,640	116,202	9,903,842					
Dyno Nobel Inc - Cheyenne Plant	Cheyenne	WY	325	10	9,282,000	0	0	9,282,000	189,829	198,950	0	0	0	0	0	388,779	9,670,779	0	9,670,779					
Brushy Creek Mine/Mill	Bunker	MO	2122	4	0	0	0	0	2,771	0	9,532	0	0	0	9,498,000	0	9,510,303	9,510,303	0	9,510,303				
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	22	0	0	0	0	27,193	7,713,713	245,204	0	0	0	1,331,203	0	9,317,312	9,317,312	8	9,317,321				
Ineos USA LLC	Lima	OH	325	35	8,839,490	0	0	8,839,490	34,356	332,012	0	0	0	0	386,368	0	9,205,858	9,205,858	1,293	9,207,151				
American Electric Power Muskingum River Plant	Beverly	OH	2211	18	0	0	0	0	310	7,421,075	7,940	0	172,516	0	846,115	45	8,448,000	8,448,000	4,504	8,452,504				
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	44,100	5,431,270	24,201	0	0	0	2,761,978	0	8,261,549	8,261,549	26	8,261,575				
International Paper Co - Mansfield Mill	Mansfield	LA	322	22	0	0	4,210,275	4,210,275	252,219	3,309,384	79,733	0	0	0	19,792	0	3,661,129	7,871,404	0	7,871,404				
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	787	31,873	674	0	0	0	7,769,546	7,802,880	7,802,880	1,392	7,804,271					
EME Homer City Generation LP	Homer City	PA	2211	22	0	0	1,511,350	1,511,350	138	6,027,737	72,044	0	0	0	0	6,099,919	7,611,269	855	7,612,124					
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	26	0	7,512,836	0	7,512,836	1,007	237	0	0	0	0	0	1,244	7,514,080	0	7,514,080					
Xcel Energy Sherburne County Generating Plant	Becker	MN	2211	19	0	0	6,217,680	6,217,680	452	133,440	260	0	0	0	234,072	896,748	1,264,972	7,482,552	111	7,482,663				

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

11/25/10

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

Off-site Disposal or Other Releases																									Total On-site and Off-site Disposal or Other Releases Pounds
Facility	City	State	NAICS Code	Total Forms	Total On-site Disposal or Other Releases Pounds	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills																		Total Off-site Disposal or Other Releases Pounds	
						Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Compounds 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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds			
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	601,849	0	0	20,324,417	20,324,417	0	33,288	0	0	0	0	0	0	0	15	0	22	33,325	20,357,742	20,959,591	
Peoria Disposal Co #1	Peoria	IL	562	11	167,019	0	0	11,257,057	11,257,057	0	0	0	107	0	0	0	0	0	0	0	0	107	11,257,164	11,424,183	
Steel Dynamics Inc	Butler	IN	331	11	41,659	109	10,921,801	3,472	10,925,382	0	0	0	2	0	0	0	0	78,250	0	0	78,252	11,003,634	11,045,293		
MEMC Pasadena Inc	Pasadena	TX	325	4	68,502	0	0	9,607,273	9,607,273	0	0	0	0	0	0	0	0	0	0	0	0	0	9,607,273	9,675,775	
Arcelormittal USA Inc	East Chicago	IN	331	24	192,898	0	470	7,345,039	7,345,509	0	1,460	0	0	0	0	0	0	0	0	0	0	1,460	7,346,969	7,539,867	
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	7	8,139	0	0	42,589	42,589	0	6,867,067	0	21	0	0	0	0	0	0	0	0	6,867,087	6,909,677	6,917,816	
Severstal Dearborn Inc	Dearborn	MI	331	13	92,092	0	51	6,621,943	6,621,994	0	48,619	1,782	0	0	0	0	0	19	0	0	19	50,421	6,672,415	6,764,507	
SSAB Iowa Inc	Muscatine	IA	331	10	4,506	0	0	1,118,789	1,118,789	0	5,507,595	0	0	0	0	0	0	0	0	0	0	5,507,595	6,626,384	6,630,890	
USIS Mon Valley Works - Edgar Thomson Plant	Braddock	PA	331	15	74,068	0	0	6,577,936	6,577,936	0	0	0	0	0	0	0	0	0	81	0	81	6,578,018	6,652,085	6,652,085	
Basin Electric Antelope Valley Station	Beulah	ND	2211	17	130,999	0	0	4,790,003	4,790,003	0	0	0	0	0	0	0	0	0	0	0	0	4,790,003	4,921,002	4,921,002	
Stirling Steel Co LLC	Stirling	IL	331	5	5,310	0	0	1,769,877	1,769,877	0	2,506,018	0	0	0	0	0	0	12,000	220,013	0	0	2,738,031	4,507,908	4,513,218	
Cascade Steel Rolling Mills Inc	McMinnville	OR	331	5	2,951	0	4,500,747	0	4,500,747	0	0	0	0	0	0	0	0	0	0	0	0	4,500,747	4,503,698	4,503,698	
Quemetco Inc	Indianapolis	IN	331	5	1,296	0	744,940	3,616,954	4,361,894	0	0	0	483	0	0	0	0	0	0	0	483	4,362,377	4,363,673	4,363,673	
Heritage Environmental Services LLC	Indianapolis	IN	562	13	1,565	0	3,602,255	87,310	3,689,565	0	0	0	767	0	0	0	0	0	503,980	0	504,747	4,194,312	4,195,877	4,195,877	
Nichols Aluminum Casting	Davenport	IA	331	10	87,912	0	0	3,883,677	3,883,677	0	3,437	0	0	0	0	0	0	0	0	0	0	3,437	3,887,114	3,975,026	3,975,026
Evonik Cyro LLC - MMA Plant	Westwego	LA	325	10	20,863	3,798,178	0	198	3,798,376	0	0	0	0	0	0	0	0	1,934	0	0	1,934	3,800,310	3,821,173	3,821,173	
San Juan Generating Station	Waterflow	NM	2211	21	224,078	0	0	3,541,344	3,541,344	0	0	0	0	0	0	0	0	0	0	0	0	3,541,344	3,765,422	3,765,422	
Steel Dynamics Inc - Engineered Bar Products Div	Pittsboro	IN	331	13	9,503	0	3,479,345	0	3,479,345	0	27	0	0	0	0	0	0	0	0	0	27	3,479,372	3,488,875	3,488,875	
North American Stainless	Ghent	KY	331	9	2,716,605	0	0	1,807,177	1,807,177	0	0	0	0	0	0	0	0	1,217,641	0	0	0	1,217,641	3,024,819	5,741,424	
SRGGI Ripley	Ripley	TN	332	7	4,297	0	2,896,676	2,896,676	2,896,676	0	0	161	0	0	0	0	0	0	0	0	0	161	2,996,837	2,901,134	2,901,134
Thyssenkrupp Waupaca - Plant 5	Tell City	IN	331	14	79,441	0	0	2,808,135	2,808,135	0	0	0	0	0	0	0	0	0	5	0	5	2,808,140	2,887,581	2,887,581	
Severstal Wheeling Inc	Mingo Junction	OH	331	9	2,131	0	2,691,652	9,752	2,701,404	0	0	0	0	0	0	0	0	0	188	0	188	2,701,592	2,703,723	2,703,723	
Dow Chemical Co	Charleston	IL	326	3	309	0	0	2,682,360	2,682,360	0	0	0	0	0	0	0	0	0	0	0	0	2,682,360	2,682,669	2,682,669	
Choctaw Generation LP	Ackerman	MS	2211	14	328,064	0	0	0	0	0	0	0	0	0	0	0	2,321,360	0	331,852	0	331,852	2,653,212	2,653,212	2,981,276	
DuPont Edge Moor	Edgemoor	DE	325	22	291,594	0	0	2,598,071	2,598,071	0	0	0	0	0	0	0	0	0	20	0	20	2,598,091	2,889,685	2,889,685	
Charter Steel Risingun	Risingun	OH	331	7	9,484	0	0	56,856	56,856	0	0	0	0	0	0	0	0	0	655	0	655	2,386,254	2,443,110	2,452,594	
EQ Detroit Inc	Detroit	MI	562	31	25,072	28,155	53,052	2,221,842	2,303,050	0	0	0	136	0	0	0	0	1,198	0	31,184	32,518	2,335,588	2,360,639	2,360,639	
Keystone Steel & Wire Co	Peoria	IL	331	6	44,305	0	111	0	111	875,369	1,456,837	0	0	0	0	0	0	0	0	0	0	2,332,206	2,332,317	2,376,622	
US TVA Allen Fossil Plant	Memphis	TN	2211	16	1,727,906	0	2	1	3	0	0	0	0	0	0	0	2,256,162	0	0	0	0	2,256,162	2,256,165	3,984,071	
Nucor Steel-Berkeley	Huger	SC	331	13	22,955	0	1,060	2,227,617	2,228,677	0	0	0	0	0	0	0	0	0	0	0	0	2,228,677	2,251,633	2,251,633	
Nucor Steel Marion Inc	Marion	OH	331	7	9,246	0	0	181,730	181,730	0	2,042,907	0	24	0	0	0	0	0	0	0	0	2,042,931	2,224,661	2,233,907	
Kronin/Kincaid Generation LLC	Kincaid	IL	2211	14	1,299,915	0	0	0	0	0	0	0	0	0	0	0	2,113,900	0	0	0	0	2,113,900	3,413,815	3,413,815	
Steel Dynamics Inc Roanoke Bar Div	Roanoke	VA	331	7	12,466	0	2,057,641	0	2,057,641	0	0	0	0	0	0	0	0	0	0	0	0	2,057,641	2,070,107	2,070,107	
SSAB Alabama Inc	Axis	AL	331	9	1,489	0	0	209,900	209,900	0	1,796,000	0	0	0	0	0	0	0	0	0	0	1,796,000	2,005,900	2,007,389	
Arcelormittal Lapeace LLC	La Place	LA	331	8	22,706	0	1,923,976	1,923,976	1,923,976	0	0	0	0	0	0	0	0	0	0	0	0	1,923,976	1,946,682	1,946,682	
Bruce Mansfield Power Plant	Shippingsport	PA	2211	20	494,695	0	0	0	0	0	0	0	0	0	0	1,917,386	0	0	0	0	0	1,917,386	1,917,386	2,412,081	
Tronox LLC	Henderson	NV	325	3	38,595	0	1,905,568	0	1,905,568	0	0	0	0	0	0	0	0	0	0	0	0	1,905,568	1,944,163	1,944,163	
Carolina Power & Light Co-Asheville Plant	Arden	NC	2211	18	69,463	0	0	4,007	4,007	0	0	0	0	0	0	0	1,826,940	0	2	0	2	1,826,942	1,830,949	1,900,412	
Federal-Meul VSP	Glasgow	KY	336	6	9,627	0	0	1,830,242	1,830,242	0	0	0	0	0	0	0	0	0	0	0	0	1,830,242	1,830,969	1,830,969	
Tetra Micronutrients Inc	Fairbury	NE	325	7	42,406	0	0	2,799	2,799	0	1,787,700	0	0	0	0	0	0	0	0	0	0	1,787,700	1,790,499	1,832,905	
US DOE Idaho National Laboratory Site	Scoville	ID	336	6	183,681	0	315,741	7,055	322,796	0	1,443,256	0	0	0	0	6	0	0	0	10,527	0	1,453,790	1,776,586	1,960,267	
Energizer Battery Manufacturing Inc	Marietta	OH	325	2	595	0	0	0	0	0	1,615,608	0	0	0	0	0	0	0	135,285	0	0	1,750,893	1,750,893	1,751,488	
Enroute of Illinois Inc	Harvey	IL	562	8	99	43,313	26,852	1,597,680	1,667,845	0	73,095	55	69	0	0	0	0	0	168	3,047	0	1,744,279	1,744,377	1,744,377	
Minnkota Power Cooperative Inc Milton R Young Station	Center	ND	2211	18	1,882,957	0	0	0	0	0	0	0	0	0	0	0	1,721,554	0	13	0	13	1,721,567	1,721,567	3,604,524	
ADM	Decatur	IL	311	26	1,946,045	0	27,831	39,545	67,376	0	246,370	0	2,365	0	0	0	1,365,053	0	0	0	0	1,613,788	1,681,164	3,627,209	
Nucor Steel	Crawfordsville	IN	331	13	14,612	0	779,221	520,637	1,299,858	0	273,247	99,215	0	0	0	0	0	0	4,401	0	0	376,863	1,676,721	1,691,333	
W H Sammis Plant	Stratton	OH	2211	19	5,902,335	0	0	1,667,533	1,667,533	0	0	0	0	0	0	0	0	0	0	0	0	1,667,533	1,759,868	1,759,868	
Big Cajun 2	New Roads	LA	2211	19	2,847,210	0	0	0	0	0	0	0	0	0	0	0	0	0	1,619,044	0	1,619,044	1,619,044	4,466,254	4,466,254	
Syngenta Crop Protection Inc Saint Gabriel Facility	Saint Gabriel	LA	325	29	1,067,483	976,308	582,389	1,933	1,560,630	0	0	0	0	0	0	0	0	0	0	0	0	1,560,630	2,628,113	2,628,113	
Tri-State Generation & Transmission - Craig Station	Craig	CO	2211	13	120,723	0	0	0	0	0	0	0	0	0	0	0	0	1,509,720	0	2,650	0	1,512,370	1,512,370	1,633,093	

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/ttri/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),

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

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

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

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

TRI On-site and Off-site Disposal or Other Releases, by State, 2009: 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												
	RCRA Subtitle C				RCRA Subtitle C												
	Class I Wells Pounds	C Landfills Pounds	Other On-site Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds				
Alabama	0	3,996,602	2,384,323	6,380,925	873,460	1,654,125	114,199	16,406	1,196	0	1,480,565	76,585	4,216,535	10,597,460	658,632	11,256,092	
Alaska	0	0	12,823	12,823	19,011	15,010	275	10,114,493	0	0	80,142,396	123,825,666	214,116,852	214,129,675	17,117	214,146,792	
American Samoa	0	0	0	0	0	6	0	0	0	0	0	0	6	6	0	6	
Arizona	0	0	258,416	258,416	79,908	198,620	526	0	63	0	4,756,833	6,574,093	11,610,044	11,868,460	90,226	11,958,686	
Arkansas	13,811	3,050	197,690	214,551	403,055	844,529	66,259	1	11,145	1	706,044	47,980	2,079,014	2,293,565	514,058	2,807,623	
California	0	8,212,697	45,842	8,258,539	256,029	910,144	2,155	71	2,357	17	63	3,159,999	4,330,834	12,589,373	1,997,371	14,586,744	
Colorado	0	771,516	169,853	941,369	57,601	67,215	48	0	719	0	1,411,881	3,392,890	4,930,355	5,871,723	131,327	6,003,051	
Connecticut	0	0	244	244	147,128	178,672	1,241	0	0	0	0	1,232	328,272	328,272	252,650	581,166	
Delaware	0	0	43,797	43,797	13,286	104,242	2,586	0	0	0	505	7,115	127,734	171,531	560,222	731,754	
District of Columbia	0	0	0	0	0	4	0	0	0	0	0	0	4	4	2,391	2,395	
Florida	25,038	0	1,722,712	1,747,750	470,177	1,305,165	92,443	0	751	0	137,339	70,512	2,076,387	3,824,136	459,227	4,283,363	
Georgia	0	70	162,878	162,948	378,619	1,952,164	60,831	0	39	48,400	1,548,414	467,690	4,456,158	4,619,106	197,028	4,816,134	
Guam	0	0	0	0	3,440	1,507	0	0	0	0	32	3,713	8,693	8,693	5	8,698	
Hawaii	0	0	0	0	12,671	71,448	435	11	0	0	77,373	161,937	161,937	161,937	43,981	205,919	
Idaho	0	0	88,102	88,102	65,420	209,454	18,744	0	261	170,045	2,732,466	4,657,076	7,853,466	7,941,568	1,587,913	9,529,482	
Illinois	103	20,810	165,014	185,926	536,911	1,517,782	16,272	0	1,425	0	345,886	45,729	2,464,005	2,649,931	3,076,026	5,725,957	
Indiana	37,008	110,415	1,953,641	2,101,064	1,030,572	2,403,978	16,799	0	73,303	0	2,222,310	374,650	6,121,612	8,222,676	8,711,953	16,934,628	
Iowa	0	0	175,625	175,625	119,542	1,282,131	15,006	0	3	0	15,809	7,636	1,440,127	1,615,752	1,172,742	2,788,493	
Kansas	32,968	0	279,601	312,569	354,892	851,815	444	0	1,352	0	8,977	40,160	1,257,640	1,570,209	593,854	2,164,063	
Kentucky	1,923	0	1,551,426	1,553,349	500,001	718,724	42,263	0	24,571	0	2,038,312	429,207	3,753,078	5,306,428	3,056,660	8,363,088	
Louisiana	9,530,593	1,633,870	1,356,622	12,521,085	1,236,853	2,276,222	110,869	0	602	0	318,657	112,463	4,055,666	16,576,751	776,212	17,352,962	
Maine	0	0	5,155	5,155	88,531	179,436	35,066	0	0	0	0	961	303,992	309,148	160,804	469,952	
Maryland	0	0	175,839	175,839	42,286	297,856	1,435	7	80,388	0	23,849	445,821	621,660	680,802	1,302,462	1,302,462	
Massachusetts	0	0	1,597	1,597	98,844	100,694	3,085	0	0	0	692	12,674	215,989	217,866	408,495	626,082	
Michigan	11,100	1,892,666	263,146	2,166,912	327,227	819,910	14,109	0	750	0	450,459	57,456	1,669,910	3,836,822	883,626	4,720,448	
Minnesota	0	0	166,112	166,112	170,366	634,336	3,707	0	0	0	42,833	58,140	909,382	1,075,493	544,845	1,620,338	
Mississippi	2,915,716	0	77,007	2,992,723	221,142	770,123	16,479	0	27,297	798,490	82,345	1,915,876	4,908,600	505,277	5,413,877	5,413,877	
Missouri	0	2,261,079	91,313	2,352,392	935,960	618,767	14,468	0	0	0	18,462,980	1,816,545	21,848,720	24,201,112	640,455	24,841,567	
Montana	0	52	235,030	235,082	46,132	169,482	874	7,863	457	0	772,846	8,396,596	9,394,251	9,629,332	487,180	10,116,513	
Nebraska	0	0	113,938	113,938	11,764	558,186	733	0	0	0	0	164,520	735,204	849,142	388,275	1,237,416	
Nevada	0	856,620	105,200	961,820	9,709	21,909	23	0	30	0	74,740,036	56,080,379	130,852,085	131,813,905	98,483	131,912,388	
New Hampshire	0	0	2,540	2,540	24,077	20,304	34	0	0	0	0	0	44,416	46,956	35,395	85,391	
New Jersey	0	5,661	0	5,661	47,187	192,710	8,292	0	0	2,446	0	120,727	371,363	377,024	482,817	859,841	
New Mexico	170	0	610,384	610,554	65,153	43,589	140	0	0	0	122,587	3,758,431	3,989,899	4,600,453	54,348	4,654,801	
New York	0	425,288	93,479	518,767	107,536	367,791	10,868	0	11	0	3	140,899	627,108	1,145,875	500,464	1,646,339	
North Carolina	0	0	1,033,695	1,033,695	264,844	1,168,129	191,870	0	302	0	983,138	847,194	3,455,479	4,489,173	706,645	5,195,818	
North Dakota	0	0	139,747	139,747	15,898	193,966	651	17	0	0	204,589	66,446	481,566	621,314	430,169	1,051,482	
Northern Mariana Islands	0	0	0	0	270	560	0	0	0	0	2	0	831	831	69	900	
Ohio	3,006,022	3,173,909	1,089,561	7,269,492	794,854	1,281,727	67,453	0	180,321	109,946	1,842,244	20,368	4,296,913	11,566,405	4,945,360	16,511,765	
Oklahoma	0	1,661,664	63,611	1,725,275	267,493	394,747	9,344	0	2,028	0	23,489	85,253	782,355	2,507,630	149,048	2,656,678	
Oregon	0	1,880,899	717,627	2,598,526	248,978	509,179	20,132	0	266	0	196	9,394	788,145	3,386,672	346,524	3,733,195	
Pennsylvania	0	0	1,149,424	1,149,424	591,612	1,491,651	23,728	0	15,761	5	1,159,689	814,963	4,097,408	5,246,832	6,617,953	11,864,784	
Puerto Rico	0	0	0	0	347,529	214,196	121	0	0	0	0	0	561,846	561,846	109,211	671,057	
Rhode Island	0	0	0	0	10,075	40,304	18	0	0	0	0	788	51,186	51,186	29,355	80,540	
South Carolina	0	465	407,473	407,938	1,664,552	1,790,205	76,054	0	121	1	684,100	299,223	4,514,256	4,922,194	993,347	5,915,542	
South Dakota	0	0	1,531,923	1,531,923	16,382	258,172	705	0	0	0	43	2	275,303	1,807,225	3,186	1,810,411	
Tennessee	0	3,314	2,184,467	2,187,781	530,793	1,846,948	61,482	0	0	0	5,336,806	49,671	7,825,700	10,013,481	2,763,500	12,776,981	
Texas	9,313,279	1,774,528	1,664,215	12,752,022	2,875,388	5,249,636	61,953	0	75,848	46	955,469	332,077	9,550,417	22,302,439	2,350,925	24,653,364	
Utah	0	2,530,862	2,695,128	5,225,990	47,265	153,077	3,526	0	724	0	9,781,564	22,085,568	32,071,723	37,297,714	353,859	37,651,573	
Vermont	0	0	0	0	12,509	3,530	0	0	0	0	0	14,193	30,232	30,232	1,779	32,010	
Virgin Islands	0	0	0	0	9,635	65,528	68	0	5,880	0	0	14	81,125	81,125	18,424	99,549	
Virginia	0	0	315,827	315,827	201,017	910,904	19,705	0	4,731	0	309,147	298,671	1,744,175	2,060,002	460,961	2,520,963	
Washington	0	48,952	933,448	982,400	179,341	511,116	60,469	0	475	0	581,850	194,884	1,528,134	2,510,534	457,629	2,968,163	
West Virginia	0	65	1,404,866	1,404,931	73,766	426,578	12,231	0	116,766	0	523,737	12,581	1,165,658	2,570,590	987,118	3,557,708	
Wisconsin	0	0	11,508	11,508	238,745	629,221	7,894	0	0	0	79	66,709	942,648	954,156	896,223	1,850,380	
Wyoming	0	0	494,911	494,911	46,540	102,051	385	0	852	0	95,788	1,286	246,903	741,814	58,496	800,310	
Total	24,887,731	31,265,055	28,346,779	84,499,565	17,191,977	38,599,470	1,288,496	10,138,868	603,498	358,204	215,739,347	239,284,578	523,204,438	607,704,003	52,453,681	660,157,685	

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

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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, 2009: Carcinogens

					On-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																				
Facility	City	State	NAICS Code	Total Forms	RCRA Subtitle C				Fugitive Air Emissions				Point Source Air Emissions		Surface Water Discharges		Class II-V Wells		Land Treatment		RCRA Subtitle C Surface Impoundments		Other Surface Impoundments		Other Land Disposal		Subtotal		Total On-site Disposal or Other Releases
					Class I Wells	C Landfills	Other On-site Landfills	Subtotal	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
Red Dog Operations	Kotzebue	AK	2122	6	0	0	0	0	6,603	101	88	0	0	0	78,715,933	110,940,350	189,663,075	189,663,075											
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	6	0	0	2,256	2,256	1,109	311	10	0	0	33,444,263	295,988	33,741,681	33,743,937												
Barrick Goldstrike Mines Inc	Elko	NV	2122	8	0	0	2,691	2,691	538	257	0	15	0	20,555,970	4,662,350	25,219,115	25,221,806												
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	6	0	0	5,690	5,690	684	87	1,793	0	624	0	2,785,614	22,042,174	24,830,976	24,836,666											
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	5	0	0	265	265	2,064	211	0	0	17	0	10,013,000	11,400,000	21,415,292	21,415,557											
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	4	0	0	0	0	556	3	0	0	0	8,120	19,002,010	19,010,689	19,010,689												
Hicla Greens Creek Mining Co	Juneau	AK	2122	3	0	0	0	0	172	491	34	10,114,493	0	0	8,037,984	18,153,174	18,153,174												
Cortez Gold Mines	Crescent Valley	NV	2122	4	0	0	145	145	392	0	0	0	13	0	7,377,220	15,655,516	15,655,661												
Robinson Nevada Mining Co	Ruth	NV	2122	2	0	0	5	5	31	0	12	0	0	776,000	10,100,005	10,876,048	10,876,053												
Buick Mine/Mill	Boss	MO	2122	2	0	0	0	0	9,880	260	5,061	0	0	9,350,000	0	9,365,201	9,365,201												
Chemical Waste Management Inc	Kettleman City	CA	562	16	0	7,155,674	34,913	7,190,587	1,631	32	0	0	16	0	0	1,679	7,192,266												
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	7	0	0	96,615	96,615	2,612	11,859	1,694	0	7	0	6,909,171	5	6,925,348	7,021,963											
Monsanto Luling	Luling	LA	325	6	6,413,390	0	0	6,413,390	2,300	29,000	4,800	0	0	0	36,100	6,449,490													
Nyrstar Clarksville Inc	Clarksville	TN	2122	2	0	0	0	0	10	2,151	946	0	0	5,070,561	0	5,070,561													
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	6	4,293,749	0	0	4,293,749	18,912	11,124	0	0	0	0	30,036	4,323,785													
Montana Resources LLP	Butte	MT	2122	3	0	0	0	0	250	0	0	0	0	104,156	4,175,279	4,279,685													
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	121	0	0	0	0	7,654	4,183,000	4,190,775													
Chemical Waste Management	Emelle	AL	562	13	0	3,996,567	0	3,996,567	481	728	0	0	0	0	1,209	3,997,776													
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	3,284	80	4,122	0	0	3,852,000	0	3,859,486													
Hicla Ltd Lucky Friday Mine Unit	Mullan	ID	2122	2	0	0	0	0	24	86	144	0	0	3,726,200	1,585,887	3,726,200													
Brushy Creek Mine/Mill	Bunker	MO	2122	1	0	0	0	0	2,126	0	1,840	0	0	3,697,966	0	3,697,966													
Quemetco Inc	Indianapolis	IN	331	4	0	0	0	0	0	1,026	0	0	0	0	1,026	1,026													
Pogo Mine	Delta Junction	AK	2122	6	0	0	0	0	7	43	61	0	0	3,467,100	3,467,212	3,467,212													
Freepoint-McMoran Tyrone Inc	Tyrone	NM	2122	2	0	0	0	0	34	0	25	0	0	3,460,750	3,460,809	3,460,809													
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	76	0	0	0	0	3,282,242	3,282,319	3,282,319													
EnviroSAFE Services of Ohio Inc	Oregon	OH	562	7	0	3,119,996	0	3,119,996	26	2	0	0	0	0	28	3,120,024													
Dupont Delisle Plant	Pass Christian	MS	325	8	2,915,716	0	30,397	2,946,113	0	186	231	0	0	0	418	2,946,530													
Fort Knox Mine	Fairbanks	AK	2122	3	0	0	0	0	22	8	0	0	0	1,426,460	1,365,241	2,791,730													
Mesquite Mine	Brawley	CA	2122	1	0	0	0	0	5	0	0	0	0	2,702,160	2,702,165	2,702,165													
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	Hayden	AZ	331	7	0	0	10,839	10,839	9,078	2,292	0	0	0	0	2,564,185	2,575,555	2,586,394												
Chemical Waste Management of the Northwest Inc	Arlington	OK	562	12	0	1,880,899	704,618	2,585,517	31	571	0	0	0	0	602	2,586,119													
EnergySolutions LLC	Clive	UT	562	6	0	1,044,073	1,513,552	2,557,625	0	0	0	0	0	0	0	2,557,625													
Ascend Performance Materials Chocolate Bayou Facility	Alvin	TX	325	12	2,509,554	3	0	2,509,557	10,657	27,446	0	0	0	0	38,103	2,547,660													
Ineos USA LLC	Lima	OH	325	11	2,291,110	0	0	2,291,110	15,804	39,310	0	0	0	0	55,114	2,346,224													
Buick Resource Recycling Facility LLC	Boss	MO	331	4	0	2,171,746	0	2,171,746	25,690	3,934	561	0	0	0	30,185	2,201,931													
Freepoint-McMoran Miami Inc	Claypool	AZ	2122	7	0	0	0	0	9,614	1,992	510	0	0	2,260	2,171,000	2,185,376													
Thompson Creek Mining Co	Clayton	ID	2122	2	0	0	0	0	4	2	0	0	0	540,834	1,640,000	2,180,840													
Sanders Lead Co Inc	Troy	AL	331	4	0	0	2,105,854	2,105,854	3,215	1,483	498	0	0	0	5,196	2,111,050													
Wayne Disposal Inc	Belleville	MI	562	13	0	1,862,664	0	1,862,664	3	13	0	0	0	0	16	1,862,680													
North American Stainless	Ghent	KY	331	3	0	0	0	0	0	9,444	2,174	0	0	0	11,618	11,618													
Heritage Environmental Services LLC	Indianapolis	IN	562	3	0	0	0	0	0	251	13	0	0	0	264	264													
Angus Chemical Co	Sterlington	LA	325	4	1,813,523	0	0	1,813,523	2,048	29,466	362	0	0	69	31,945	1,845,468													
Freepoint-McMoran Sienita Inc	Green Valley	AZ	2122	6	0	0	0	0	333	13	0	0	0	1,314,600	457,260	1,772,206													
US DOE Idaho National Laboratory Site	Scoville	ID	336	4	0	0	87,781	87,781	466	129	0	0	0	0	2,329	2,325													
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	5	0	0	0	0	716	28,162	385	0	0	0	1,670,536	1,699,799													
SRGGI Ripley	Ripley	TN	332	4	0	0	0	0	77	966	15	0	0	0	750	1,807													
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	9	0	1,661,664	0	1,661,664	46	44	0	0	0	0	90	1,661,754													
US Ecology Texas Inc	Robstown	TX	562	12	1,000	1,651,418	0	1,652,418	15	0	786	0	0	0	795	1,653,213													
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	10	0	1,633,511	0	1,633,511	67	0	0	0	0	0	67	1,633,578													
Wharf Resources	Lead	SD	2122	1	0	0	1,523,700	1,523,700	1,600	18	0	0	0	0	2	1,620													

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M1), RCRA Subtitle C Landfills (M6), Other Landfills (M4, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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

Facility	Off-site Disposal or Other Releases																			Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases																
	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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds				
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	189,663,557	
Newmont Mining Corp Twin Creeks Mine	0	799	0	799	0	0	0	0	0	0	0	0	0	0	0	0	0	0	799	33,744,736	
Barrick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	0	0	612	25,222,418	
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	16,848	0	0	0	0	0	0	0	0	0	0	0	16,848	16,848	24,853,514	
Newmont Mining Corp - Carlin South Area	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	21,415,559	
Newmont Mining Corp Copper Canyon Facility	0	1,265	0	1,265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,265	19,011,954	
Hicla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,153,174	
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,655,661	
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,876,053	
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,365,201	
Chemical Waste Management Inc	0	0	0	0	0	0	809	0	0	0	0	0	0	308	3,440	0	4,557	4,557	7,196,823		
Kennecott Utah Copper Smelter & Refinery	0	49	0	49	0	840	0	0	0	0	0	0	0	0	0	0	840	889	7,022,852		
Monsanto Luling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,448,490	
Nyrstar Clarksburg Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,070,561	
Ineos USA LLC Green Lake Plant	0	0	0	0	0	161	0	0	0	0	0	0	0	0	0	0	0	161	161	4,323,946	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,279,685	
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,190,775	
Chemical Waste Management	0	0	0	0	17	0	0	0	0	0	0	0	0	1,888	0	0	1,905	1,905	3,999,681		
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,859,486	
Hicla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,728,200	
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,697,966	
Quemetco Inc	0	686,010	2,992,684	3,678,694	0	0	0	90	0	0	0	0	0	0	0	0	90	3,678,784	3,679,810	3,678,784	
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,467,212	
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,460,809	
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,282,319	
EnviroSafe Services of Ohio Inc	0	63	0	63	0	0	181	0	0	0	0	0	0	0	0	0	181	244	3,120,268		
Dupont Delisle Plant	0	0	125	125	0	0	0	0	0	0	0	0	0	0	0	0	0	125	125	2,946,655	
Fort Knox Mine	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	3	9	9	2,791,739		
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,702,165	
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	2,586,395	
Chemical Waste Management of the Northwest Inc	0	0	0	0	0	0	0	0	0	0	0	0	71	0	0	0	71	71	2,586,190		
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,557,625	
Ascend Performance Materials Chocolate Bayou Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,547,660	
Ineos USA LLC	0	30	890	920	0	36	0	0	0	0	0	0	0	0	0	0	36	956	2,347,180		
Buick Resource Recycling Facility LLC	0	0	98,737	98,737	0	0	0	0	0	0	0	0	0	0	0	0	0	98,737	2,300,668	2,300,668	
Freeport-McMoran Miami Inc	0	0	0	0	0	0	0	63	0	0	0	0	8,755	0	0	0	8,826	8,826	2,194,203		
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,180,840	
Sanders Lead Co Inc	0	10	36	46	0	0	0	14	0	0	0	0	0	0	0	0	14	60	2,111,110	2,111,110	
Wayne Disposal Inc	0	0	68,066	68,066	0	0	0	144	0	0	0	0	0	0	0	0	144	68,210	1,930,890	1,930,890	
North American Stainless	0	0	1,807,177	1,807,177	0	0	0	0	0	0	0	0	0	71,523	0	0	71,523	1,878,701	1,890,319	1,890,319	
Heritage Environmental Services LLC	0	1,419,005	40,750	1,459,755	0	0	0	256	0	0	0	0	0	0	396,285	0	396,541	1,856,296	1,856,560	1,856,560	
Angus Chemical Co	0	0	0	0	0	0	0	0	0	0	0	0	3,528	0	1,849,996	0	4,528	4,528	1,849,996	1,849,996	
Freeport-McMoran Sierrita Inc	0	250	0	250	0	0	0	0	0	0	0	0	0	0	0	0	0	250	250	1,772,456	1,772,456
US DOE Idaho National Laboratory Site	0	294,960	4,890	299,850	0	1,368,424	0	0	0	0	0	1	0	0	10,443	0	1,378,868	1,678,718	1,769,424	1,769,424	
Doe Run Co Herculaneum Smelter	0	0	0	0	0	171	0	1,038	0	0	0	0	0	0	0	0	1,209	1,209	1,701,008	1,701,008	
SRGGI Ripley	0	0	1,675,818	1,675,818	0	0	0	116	0	0	0	0	0	0	0	0	116	1,675,934	1,677,741	1,677,741	
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	1,661,754	1,661,754
US Ecology Texas Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,653,213	1,653,213
Chemical Waste Management - Lake Charles Facility	32	0	0	32	0	8,320	0	0	0	0	0	0	0	0	0	0	8,320	8,352	1,641,930	1,641,930	
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,525,320	1,525,320

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

For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/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 (M84, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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

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

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

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

TRI On-site and Off-site Disposal or Other Releases, by State, 2009: Lead and Lead 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												
					RCRA Subtitle C												
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds				
Alabama	0	365,949	2,189,711	2,555,660	4,967	11,034	6,237	16,317	1,167	0	318,352	72,227	430,301	2,985,962	133,218	3,119,180	
Alaska	0	0	4,469	4,469	7,502	2,182	87	8,714,493	0	0	78,873,291	119,339,862	206,937,417	206,941,886	9,331	206,951,218	
Arizona	0	0	84,990	84,990	14,467	3,326	5	0	63	0	3,728,541	5,070,701	8,817,103	8,902,093	17,948	8,920,042	
Arkansas	0	521	61,573	62,094	1,897	8,370	2,025	0	10,892	1	9,569	46,166	78,920	141,015	270,241	411,256	
California	0	2,215,067	10,695	2,225,762	6,673	3,720	467	3	2,357	2	31	3,149,312	3,162,564	5,388,326	1,314,215	6,702,542	
Colorado	0	419,502	77,398	496,901	878	1,689	34	0	719	0	1,400,755	3,374,318	4,778,392	5,275,293	53,382	5,328,675	
Connecticut	0	0	244	244	1,613	429	170	0	0	0	0	1,045	3,257	3,501	85,562	89,063	
Delaware	0	0	17,251	17,251	229	842	474	0	0	0	208	0	1,752	19,003	45,208	64,211	
District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	445	445	
Florida	0	0	918,764	918,764	1,676	9,467	1,528	0	658	0	51,274	70,512	135,115	1,053,879	141,796	1,195,676	
Georgia	0	0	30,394	30,394	2,017	13,357	1,555	0	10	0	243,705	446,073	706,716	737,110	50,148	787,258	
Guam	0	0	0	0	47	152	0	0	0	0	30	3,713	3,942	3,942	0	3,942	
Hawaii	0	0	0	0	2	2,406	31	10	0	0	0	77,373	79,821	79,821	27,983	107,805	
Idaho	0	0	4,257	4,257	645	1,107	535	0	261	34,051	2,709,708	3,352,125	6,098,433	6,102,690	1,568,573	7,671,263	
Illinois	0	16,000	46,183	62,183	5,824	54,813	4,710	0	579	0	97,096	8,935	171,957	234,140	1,269,420	1,503,560	
Indiana	200	415	374,118	374,733	5,647	34,683	2,091	0	8,967	0	444,017	130,369	625,774	1,000,507	4,881,640	5,882,147	
Iowa	0	0	54,666	54,666	496	11,537	1,612	0	0	0	6,422	7,117	27,184	81,850	690,569	772,419	
Kansas	13	0	81,060	81,073	3,277	6,479	67	0	0	0	986	39,290	50,099	131,172	60,782	191,954	
Kentucky	1,923	0	286,293	288,216	5,423	15,709	4,826	0	1,900	0	475,863	429,147	932,869	1,221,085	515,973	1,737,059	
Louisiana	0	330,359	513,720	844,079	1,216	9,113	6,230	0	165	0	239,745	80,491	336,960	1,181,039	168,210	1,349,248	
Maine	0	0	5,040	5,040	13	2,276	1,257	0	0	0	0	835	4,380	9,421	45,989	55,410	
Maryland	0	0	131,046	131,046	265	1,966	233	7	12,618	0	0	9,264	24,353	155,399	146,761	302,160	
Massachusetts	0	0	1,441	1,441	2,162	680	15	0	0	0	501	12,642	16,000	17,441	201,527	218,968	
Michigan	0	92,647	75,763	168,409	2,693	13,189	522	0	0	0	76,406	25,279	118,088	286,497	265,253	551,750	
Minnesota	0	0	51,095	51,095	1,242	6,919	281	0	0	0	16,733	32,683	108,953	108,953	432,831	541,784	
Mississippi	459,626	0	22,229	481,855	906	2,791	1,099	0	0	0	3,925	81,134	89,856	571,711	75,097	646,808	
Missouri	0	2,198,707	36,364	2,235,071	47,713	37,248	12,557	0	0	0	18,316,449	1,557,936	19,971,903	22,206,974	251,629	22,458,603	
Montana	0	52	56,510	56,562	1,184	1,378	286	7,863	140	0	556,360	8,005,990	8,573,200	8,629,762	14,092	8,643,854	
Nebraska	0	0	33,738	33,738	1,162	2,974	388	0	0	0	0	97,436	101,960	135,698	277,447	413,146	
Nevada	0	307,966	37,785	345,751	1,847	1,738	12	0	30	0	3,696,008	46,617,905	50,317,539	50,663,291	15,890	50,679,181	
New Hampshire	0	0	540	540	21	245	16	0	0	0	0	0	282	822	26,861	27,683	
New Jersey	0	481	0	481	457	1,414	413	0	0	2,446	0	87,616	92,346	92,827	281,074	373,901	
New Mexico	0	0	242,455	242,455	922	639	91	0	0	0	69,544	3,718,204	3,789,399	4,031,854	42,721	4,074,575	
New York	0	123,000	25,847	148,847	1,318	7,712	1,449	0	11	0	3	140,733	151,225	300,073	215,021	515,094	
North Carolina	0	0	180,190	180,190	4,634	7,094	2,765	0	25	0	80,587	526,977	622,082	802,272	158,637	960,909	
North Dakota	0	0	19,599	19,599	13	4,118	432	17	0	0	26,015	11,535	42,131	61,730	46,505	108,235	
Northern Mariana Islands	0	0	0	0	1	0	0	0	0	0	2	0	3	3	0	3	
Ohio	10,554	3,000,000	228,739	3,239,293	6,146	27,422	4,038	0	16,951	0	267,433	15,281	337,271	3,576,564	1,377,428	4,953,992	
Oklahoma	0	533,671	26,003	559,674	9,113	6,898	2,593	0	1,498	0	4,060	84,411	108,574	668,249	21,376	689,624	
Oregon	0	880,898	40,858	921,756	147	1,163	2,427	0	16	0	196	9,360	13,309	935,065	259,988	1,195,053	
Pennsylvania	0	0	373,698	373,698	20,978	38,253	3,335	0	15,750	1	1,138,149	76,788	1,293,254	1,666,952	2,645,695	4,312,647	
Puerto Rico	0	0	0	0	17	2,186	85	0	0	0	0	0	2,288	2,288	5,509	7,797	
Rhode Island	0	0	0	0	9	16	0	0	0	0	0	788	813	813	18,554	19,367	
South Carolina	0	383	105,799	106,182	1,988	6,090	1,598	0	121	1	173,177	298,490	481,464	587,647	200,950	788,597	
South Dakota	0	0	1,531,923	1,531,923	1,826	141	705	0	0	0	43	2	2,717	1,534,639	3,116	1,537,756	
Tennessee	0	51	326,904	326,955	1,456	6,736	2,328	0	0	0	4,965,235	40,859	5,016,615	5,343,571	515,220	5,858,791	
Texas	258,240	194,253	579,686	1,032,179	13,281	24,574	2,258	0	30,973	5	326,779	330,635	728,506	1,760,684	259,849	2,020,533	
Utah	0	1,544,873	487,436	2,032,309	2,962	8,475	74	0	98	0	3,951,226	22,060,266	26,023,101	28,055,410	189,104	28,244,514	
Vermont	0	0	0	0	0	8	0	0	0	0	0	14,193	14,200	14,200	1,165	15,365	
Virgin Islands	0	0	0	0	0	194	0	0	59	0	0	0	254	254	336	589	
Virginia	0	0	71,029	71,029	4,834	11,163	4,833	0	4,728	0	54,969	298,477	379,004	450,033	304,449	754,482	
Washington	0	48,918	933,358	982,276	234	4,361	4,686	0	413	0	519,321	177,821	706,836	1,689,112	75,427	1,764,539	
West Virginia	0	65	249,704	249,769	3,110	4,717	669	0	17,660	0	77,226	115,349	115,349	365,118	115,204	480,322	
Wisconsin	0	0	9,906	9,906	2,608	7,844	733	0	0	0	5	60,888	72,079	81,984	237,036	319,020	
Wyoming	0	0	100,969	100,969	102	1,114	25	0	286	0	25,329	1,278	28,134	129,103	11,824	140,927	
Total	730,556	12,273,778	10,741,441	23,745,775	199,859	434,152	84,885	8,738,709	129,113	36,507	122,945,277	220,106,450	352,674,954	376,420,729	20,044,210	396,464,940	

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

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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.

11/25/10

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

					On-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										

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (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 (M67), 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).

11/25/10

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

Facility	Off-site Disposal or Other Releases																	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Storage Only Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Pounds	Transfers to POTWs (Metals and Metal Category Compounds Only) Pounds	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	Transfers to Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds		
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	482	188,559,092
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	16,611	0	0	0	0	0	0	0	0	0	0	16,611	16,611	23,318,864
Newmont Mining Corp Copper Canyon Facility	0	1,254	0	1,254	0	0	0	0	0	0	0	0	0	0	0	0	0	1,254	19,001,775
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15,652,893	
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,832,043	
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,365,201	
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,807,424	
Barrick Goldstrike Mines Inc	0	612	0	612	0	0	0	0	0	0	0	0	0	0	0	0	612	5,003,368	
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,899,390	
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,190,775	
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,859,486	
Newmont Mining Corp - Carlin South Area	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	2	3,800,405	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,795,708	
Hecla Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,709,251	
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,697,966	
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,460,054	
Quemetco Inc	0	571,482	2,811,598	3,383,080	0	0	0	50	0	0	0	0	0	0	0	0	50	3,383,130	
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,282,319	
Envirosafe Services of Ohio Inc	0	62	0	62	0	0	114	0	0	0	0	0	0	0	0	0	114	3,000,202	
Kennecott Utah Copper Smelter & Refinery	0	0	4	4	168	0	0	0	0	0	0	0	0	0	0	0	168	2,705,730	
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,702,165	
Fort Knox Mine	0	0	0	0	0	6	0	0	0	0	0	0	0	0	3	0	9	2,626,900	
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,169,006	
Buick Resource Recycling Facility LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,151,667	
ASARCO LLC Ray Complex Hayden Smelter & Concentrator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,103,082	
Sanders Lead Co Inc	0	10	36	46	0	0	0	4	0	0	0	0	0	0	0	0	4	50	
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0	140	1,963,567	
US DOE Idaho National Laboratory Site	0	292,569	154	292,723	0	1,333,579	0	0	0	0	0	0	0	0	10,421	0	1,344,000	1,636,722	
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,525,320	
Doe Run Co Herculeaneum Smelter	0	0	0	0	0	159	0	983	0	0	0	0	0	0	0	0	1,142	1,441,618	
Climax Molybdenum Co Henderson Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,400,011	
ASARCO LLC Mission Complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,379,317	
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,378,962	
Freeport-McMoran Sierra Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,294,081	
Freeport-McMoran Miami Inc	0	0	0	0	0	9	0	48	0	0	0	0	0	0	0	0	56	1,157,748	
Max Environmental - Yukon Facility	0	0	13,702	13,702	0	0	0	0	0	0	0	0	0	0	0	0	0	13,702	
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1,133,033	
US DOE Hanford Site	0	0	0	0	0	22,161	0	0	0	0	0	0	15	0	650	580	23,405	23,405	
Quemetco Inc	0	94,648	889,819	984,467	0	0	0	49	0	0	0	0	0	0	0	0	49	984,516	
Horsehead Corp Monaca Smelter	0	0	930,072	930,072	0	12,554	0	0	0	0	0	0	0	0	0	0	12,554	942,626	
Freeport McMoran Safford Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	938,074	
Chemical Waste Management of the Northwest Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	28	28	916,813	
Marigold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	898,175	
Exide Technologies	0	0	527,253	527,253	0	341,240	0	0	0	0	0	0	0	0	0	0	341,240	868,493	
Energysolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	844,178	
Bald Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	760,317	
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	709,167	
Peoria Disposal Co #1	0	0	670,000	670,000	0	0	0	6	0	0	0	0	0	0	0	0	6	670,006	
EnergySolutions Bear Creek Facility	0	683,325	0	683,325	0	0	0	0	0	0	0	0	0	0	0	0	0	683,325	
Tetra Micronutrients Inc	0	0	2,549	2,549	0	644,200	0	0	0	0	0	0	0	0	0	0	644,200	646,749	

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M11 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M62, M71), Other Off-site Management (M60), Transfers to Waste Broker - Disposal (M64, M61), and Unknown (M69) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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

NAICS Code Industry		On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds	Total 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												
		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	1,373	1,373	9	7	1	13	2,247	0	705	128	3,111	4,484	33	4,517		
2122 Metal Mining	0	0	1,036	1,036	475	2,300	8	7,569	11	0	742,110	4,818,867	5,571,340	5,572,376	192	5,572,568		
2211 Electric Utilities	0	0	27,463	27,463	24	70,769	639	0	1,221	0	13,885	1,249	87,786	115,250	62,094	177,344		
311/312 Food/Beverages/Tobacco	0	0	0	0	0	610	1,606	0	0	0	42	35	2,293	2,293	1,010	3,303		
313/314 Textiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
321 Wood Products	0	0	2	2	0	3	0	0	0	0	0	0	3	5	0	5		
322 Paper	0	0	492	492	6	1,882	137	0	39	0	3,135	3	5,202	5,695	1,587	7,281		
324 Petroleum	6	0	28	34	442	2,044	195	2	249	3	5	144	3,084	3,118	2,667	5,784		
325 Chemicals	140	192	15,325	15,657	3,034	2,139	116	0	0	0	2,310	819	8,417	24,074	65,129	89,203		
326 Plastics and Rubber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	28		
327 Stone/Clay/Glass	5	0	19	24	17	637	2	0	0	0	38	523	1,216	1,240	138	1,378		
32731 Cement	0	4	1,465	1,469	33	8,000	0	0	0	0	0	0	8,033	9,501	2	9,503		
331 Primary Metals	0	0	206	207	231	5,801	45	0	20	0	3,518	192	9,806	10,013	4,749	14,761		
332 Fabricated Metals	0	0	16	16	0	5	9	0	0	0	0	2	16	31	12	43		
333 Machinery	0	0	0	0	0	1	0	0	0	0	0	0	1	1	5	6		
334 Computers/Electronic Products	0	0	0	0	18	6	0	0	0	0	0	0	24	24	13	37		
335 Electrical Equipment	0	0	0	0	125	128	1	0	0	0	0	0	253	253	5,454	5,708		
336 Transportation Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
339 Miscellaneous Manufacturing	0	0	0	0	1	0	0	0	0	0	0	0	1	1	400	401		
4246 Chemical Wholesalers	0	0	0	0	0	0	0	0	0	0	0	11	11	11	123	134		
4247 Petroleum Bulk Terminals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3		
562 Hazardous Waste Management	267	173,861	171	174,299	14	331	6	0	0	0	50	12,085	12,485	186,784	51,261	238,046		
No TRI NAICS Code	0	4,808	24	4,832	1	72	0	0	0	0	0	0	73	4,905	353	5,258		
Total	418	178,865	47,621	226,904	4,429	94,734	2,764	7,585	3,786	3	765,798	4,834,057	5,713,156	5,940,060	195,251	6,135,311		

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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

State	On-site Disposal or Other Releases															Total 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													
	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					
Alaska	0	0	46	46	8	63	2	7,563	0	0	54,750	49,149	111,535	111,582	30	111,612		
Alabama	0	133,988	301	134,289	7	4,028	71	13	2	0	1,267	32	5,421	139,710	19,956	159,666		
Arkansas	0	0	22	22	359	1,586	4	0	14	0	8	10	1,981	2,003	2,458	4,462		
Arizona	0	0	1,110	1,110	13	1,897	1	0	1	0	2,772	3,102	7,786	8,895	130	9,026		
California	0	13,215	76	13,291	22	2,283	2	0	0	0	0	23,419	25,726	39,017	1,402	40,419		
Colorado	0	28	1,874	1,902	18	930	82	0	16	0	4	1,883	2,933	4,835	289	5,124		
Connecticut	0	0	0	0	1	49	0	0	0	0	0	0	50	50	470	520		
District of Columbia	0	0	57	57	1	181	9	0	0	0	0	0	191	248	13,502	13,750		
Florida	0	0	13,119	13,119	1	2,077	10	0	0	0	543	1	2,633	15,751	1,309	17,060		
Georgia	0	0	74	74	111	2,378	41	0	0	0	1,531	11	4,071	4,146	346	4,491		
Guam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hawaii	0	0	0	0	0	57	5	1	0	0	0	0	63	63	84	147		
Iowa	0	0	454	454	0	2,688	3	0	0	0	18	1	2,710	3,164	966	4,130		
Idaho	0	0	0	0	0	522	0	0	0	0	2,848	1,040	4,410	4,410	4	4,414		
Illinois	0	1	97	98	41	3,389	100	0	1	0	523	119	4,172	4,270	2,100	6,370		
Indiana	0	0	1,318	1,318	34	4,552	52	0	37	0	860	278	5,813	7,131	1,109	8,239		
Kansas	1	0	719	719	4	1,560	1	0	0	0	6	0	1,570	2,289	327	2,617		
Kentucky	5	0	1,727	1,732	25	1,983	203	0	7	0	2,513	0	4,732	6,463	160	6,623		
Louisiana	0	1,600	2,515	4,115	1,053	2,255	61	0	0	0	1,428	501	5,298	9,413	21,490	30,903		
Massachusetts	0	0	0	0	0	77	0	0	0	0	2	0	79	79	125	204		
Maryland	0	0	23	23	1	1,491	1	0	1,692	0	0	2	3,187	3,210	1,508	4,718		
Maine	0	0	10	10	0	42	1	0	0	0	0	0	44	54	28	81		
Michigan	0	2,028	509	2,537	86	3,226	48	0	0	0	373	12	3,746	6,283	2,434	8,717		
Minnesota	0	0	244	244	19	1,286	0	0	0	0	54	16	1,375	1,619	313	1,933		
Missouri	0	0	235	235	9	4,167	2	0	0	0	91	25	4,293	4,528	2,738	7,267		
Northern Mariana Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Mississippi	139	0	140	279	1	690	20	0	0	0	3,009	0	3,720	3,998	576	4,574		
Montana	0	0	923	923	2	829	1	6	3	0	13	126,027	126,882	127,805	73	127,878		
North Carolina	0	0	939	939	1	1,794	125	0	0	0	1,262	336	3,517	4,456	1,200	5,656		
North Dakota	0	0	103	103	0	2,585	0	1	0	0	251	18	2,855	2,958	90	3,049		
Nebraska	0	0	911	911	2	1,521	0	0	0	0	0	12,087	13,610	14,521	415	14,936		
New Hampshire	0	0	7	7	0	176	0	0	0	0	0	0	176	183	171	355		
New Jersey	0	12	0	12	2	107	3	0	0	0	0	0	111	123	396	519		
New Mexico	0	0	1,345	1,345	5	565	0	0	0	0	83	198	852	2,197	1	2,198		
Nevada	0	15,423	249	15,672	473	2,204	5	0	9	0	678,046	4,585,094	5,265,832	5,281,504	187	5,281,691		
New York	0	305	223	528	0	705	10	0	0	0	0	0	715	1,243	702	1,946		
Ohio	262	44	1,574	1,880	556	5,230	30	0	158	0	2,227	41	8,242	10,122	2,955	13,077		
Oklahoma	0	967	184	1,151	10	1,668	2	0	7	0	14	0	1,702	2,852	390	3,243		
Oregon	0	185	19	204	0	2,173	0	0	0	0	0	0	2,173	2,377	55	2,433		
Pennsylvania	0	0	4,630	4,630	57	6,325	8	0	102	0	51	149	6,691	11,321	13,745	25,066		
Puerto Rico	0	0	0	0	0	360	2	0	0	0	0	0	362	362	23	385		
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
South Carolina	0	4	316	320	5	1,268	17	0	1	0	395	9	1,695	2,015	2,522	4,537		
South Dakota	0	0	1,068	1,068	0	240	1,606	0	0	0	0	1	1,846	2,914	151	3,065		
Tennessee	0	176	646	822	232	1,669	68	0	0	0	483	242	2,695	3,516	4,049	7,565		
Texas	11	1,736	3,931	5,678	18	12,751	109	0	969	3	2,179	269	16,298	21,976	3,238	25,214		
Utah	0	9,148	1,457	10,605	6	764	0	0	2	0	6,907	29,856	37,535	48,140	41,087	89,227		
Virginia	0	0	546	546	0	1,068	5	0	0	0	496	17	1,587	2,133	39,998	42,131		
Virgin Islands	0	0	0	0	0	4	0	0	20	0	0	0	24	24	5	29		
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	1	1	52	52		
Washington	0	0	9	9	1	629	17	0	99	0	4	0	750	759	477	1,236		
Wisconsin	0	0	57	57	1,063	2,196	13	0	0	0	0	51	3,323	3,380	8,026	11,406		
West Virginia	0	5	2,978	2,983	179	2,679	21	0	528	0	652	59	4,117	7,100	929	8,030		
Wyoming	0	0	837	837	3	1,771	0	0	120	0	133	1	2,028	2,865	456	3,321		
Total	418	178,865	47,621	226,904	4,429	94,734	2,764	7,585	3,786	3	765,798	4,834,057	5,713,156	5,940,060	195,251	6,135,311		

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

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Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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

Facility					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										
					City	State	NAICS Code	Total Forms Number	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	
Barrick Goldstrike Mines Inc	Elko	NV	2122	1	0	0	1	1	12	1,163	0	0	0	0	85,117	1,805,175	1,891,467	1,891,468	
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	1	0	0	0	0	331	441	0	0	0	0	429,472	1,444,528	1,874,772	1,874,772	
Cortez Gold Mines	Crescent Valley	NV	2122	1	0	0	0	0	18	1	0	0	9	0	38,683	446,877	485,588	485,588	
Ruby Hill Mine	Eureka	NV	2122	1	0	0	0	0	13	1	0	0	0	0	0	351,768	351,792	351,792	
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	0	0	32	290	5	0	1	0	110,000	200,000	310,328	310,328	
Newmont Mining Corp - Carlin North Area	Carlin	NV	2122	1	0	0	0	0	34	3	0	0	0	0	0	170,000	170,037	170,037	
Chemical Waste Management	Emelle	AL	562	1	0	133,988	0	133,988	0	67	0	0	0	0	0	0	67	134,055	
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	0	0	0	0	0	0	7	126,000	126,007	126,007	
Red Dog Operations	Kotzebue	AK	2122	1	0	0	0	0	7	2	1	0	0	0	53,838	39,596	93,444	93,444	
Marigold Mining Co	Valmy	NV	2122	1	0	0	0	0	2	1	0	0	0	0	0	78,420	78,424	78,424	
Bald Mountain Mine	Elko	NV	2122	1	0	0	0	0	6	6	0	0	0	0	0	58,740	58,752	58,752	
Clean Harbors Aragonite LLC	Grantsville	UT	562	2	0	0	0	0	0	3	0	0	0	0	0	0	3	3	
James River Cogeneration Co Inc	Hopewell	VA	2211	1	0	0	0	0	0	17	0	0	0	0	0	0	18	18	
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	1	0	0	2	2	1	29	0	0	2	0	6,031	29,768	35,831	35,833	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	5	2	0	0	0	0	0	25,000	25,007	25,007	
Mesquite Mine	Brawley	CA	2122	1	0	0	0	0	0	3	0	0	0	0	0	23,419	23,421	23,421	
Occidental Chemical Corp	Muscle Shoals	AL	325	1	0	0	0	0	0	0	5	0	0	0	0	0	5	5	
Pioneer Americas LLC (dba Olin Chloralkali Products)	Saint Gabriel	LA	325	1	0	0	0	0	672	0	3	0	0	0	0	0	675	675	
Occidental Chemical Corp	New Castle	DE	325	1	0	0	0	0	0	0	8	0	0	0	0	0	8	8	
Hecia Greens Creek Mining Co	Juneau	AK	2122	1	0	0	0	0	0	5	0	7,563	0	0	0	5,663	13,232	13,232	
Chemical Waste Management Inc	Kettlerman City	CA	562	1	0	12,963	42	13,005	0	0	0	0	0	0	0	0	0	13,006	
Clean Harbors Environmental Services Inc	Kimball	NE	562	1	0	0	0	0	0	1	0	0	0	0	0	12,085	12,086	12,086	
US Ecology Nevada Inc	Beatty	NV	562	2	0	10,615	0	10,615	0	0	0	0	0	0	0	0	0	10,616	
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	2	0	7,103	0	7,103	1	0	0	0	0	0	0	0	1	7,104	
Newmont Mining Corp Lone Tree Mine	Valmy	NV	2122	1	0	0	0	0	0	5	0	0	0	0	6,800	0	6,805	6,805	
Materials & Energy Corp	Oak Ridge	TN	562	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Erco Worldwide (USA) Inc	Nekoosa	WI	325	1	0	0	0	0	1,063	26	1	0	0	0	0	0	1,090	1,090	
Jerritt Canyon Mine	Elko	NV	2122	1	0	0	0	0	0	40	0	0	0	0	5,768	0	5,808	5,808	
Mosaic Fertilizer LLC - New Wales Plant	Mulberry	FL	325	1	0	0	5,400	5,400	0	5	0	0	0	0	0	0	5	5,405	
U.S. DOE NNSA/NSO Nevada Test Site	Mercury	NV	222	1	0	4,808	0	4,808	0	0	0	0	0	0	0	0	0	4,808	
Fort Knox Mine	Fairbanks	AK	2122	1	0	0	0	0	0	0	0	0	0	0	912	3,664	4,576	4,576	
Smoky Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	0	1	5	0	0	0	1,860	2,650	4,515	4,515	
Eddystone Generating Station	Eddystone	PA	2211	1	0	0	0	0	0	74	1	0	0	0	0	0	75	75	
PPG Industries Inc	Westlake	LA	325	1	0	0	0	0	359	1	17	0	0	0	0	0	377	377	
International Paper - Vicksburg Mill	Redwood	MS	322	1	0	0	0	0	0	2	0	0	0	0	3,009	0	3,011	3,011	
Mosaic Fertilizer LLC Bartow	Bartow	FL	325	1	0	0	2,900	2,900	0	0	0	0	0	0	0	0	0	2,900	
Eaglepicher Technologies LLC	Joplin	MO	335	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Martin Lake Steam Electric Station & Lignite Mine	Tatum	TX	2211	1	0	1,089	1,089	1,089	0	1,566	0	0	0	0	0	0	1,571	2,660	
Mosaic Fertilizer LLC - Riverview	Riverview	FL	325	1	0	0	2,600	2,600	0	0	0	0	0	0	0	0	0	2,600	
U.S. DOE Savannah River Ops	Alken	SC	325	1	0	0	5	5	0	189	11	0	0	0	4	0	204	209	
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	1	0	0	0	0	2	0	0	0	0	0	1,760	747	2,509	2,509	
Mosaic Fertilizer LLC Uncle Sam Plant	Uncle Sam	LA	325	1	0	0	2,288	2,288	0	0	1	0	0	0	0	0	1	2,289	
Horsehead Corp Monaca Smelter	Monaca	PA	331	1	0	0	0	0	0	33	0	0	0	0	0	0	33	33	
Clean Harbors El Dorado LLC	El Dorado	AR	562	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RRI Energy Inc Keystone Power Plant	Shelocla	PA	2211	1	0	0	1,369	1,369	0	795	0	0	0	0	0	0	795	2,164	
EnergySolutions LLC	Clive	UT	562	1	0	2,045	112	2,158	0	0	0	0	0	0	0	0	0	2,158	
American Electric Power Gavin Plant	Cheshire	OH	2211	1	0	0	1,184	1,184	0	852	0	0	27	0	20	0	899	2,083	
Wayne Disposal Inc	Belleville	MI	562	2	0	2,028	0	2,028	0	0	0	0	0	0	0	0	0	2,028	
RRI Energy Inc Cornsnaugh Power Plant	New Florence	PA	2211	1	0	1,488	1,488	1,488	0	569	2	0	0	0	0	0	572	2,060	
Mercury Displacement Industries Inc	Edwardsburg	MI	335	1	0	0	0	0	85	0	0	0	0	0	0	0	85	85	

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M84, 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 (M80), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M89) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

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

Facility	Off-site Disposal or Other Releases																	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														
	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	Class II-V Wells Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Land Treatment Pounds	Other Land Disposal Pounds	Other Off-site Management Pounds	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	1,891,468	1,891,468
Newmont Mining Corp Twin Creeks Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,874,772	1,874,772
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	485,588	485,588
Ruby Hill Mine	0	0	0	0	49	0	0	0	0	0	0	0	0	0	0	0	49	351,841	351,841
Newmont Mining Corp - Carlin South Area	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	310,333	310,333
Newmont Mining Corp - Carlin North Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170,037	170,037
Chemical Waste Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	134,055	134,055
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	126,007	126,007
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93,444	93,444
Merigold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78,424	78,424
Bald Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58,752	58,752
Clean Harbors Aragonite LLC	0	44,152	0	44,152	0	0	0	0	0	0	0	0	0	0	3,777	0	3,777	47,929	47,929
James River Cogeneration Co Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	39,447	0	39,447	39,465	39,465	
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35,833	35,833
Newmont Mining Corp Copper Canyon Facility	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	25,011	25,011
Mesquite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,421	23,421
Occidental Chemical Corp	0	1,043	0	1,043	0	19,839	0	0	0	0	0	0	0	0	0	0	19,839	20,882	20,887
Pioneer Americas LLC (dba Olin Chloralkali Products)	0	1,141	3	1,144	0	18,744	0	0	0	0	0	0	0	0	0	0	18,744	19,888	20,563
Occidental Chemical Corp	0	0	0	0	0	96	0	0	0	0	0	9,067	0	4,340	0	13,503	13,503	13,511	13,511
Hecta Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,232	13,232
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	127	0	127	13,132	13,132	13,132
Clean Harbors Environmental Services Inc	0	378	0	378	0	0	0	0	0	0	0	0	0	0	0	0	378	12,464	12,464
US Ecology Nevada Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	10,616	10,616
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,104	7,104
Newmont Mining Corp Lone Tree Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,805	6,805
Materials & Energy Corp	0	5,919	0	5,919	0	16	0	0	0	0	0	0	0	0	0	16	5,935	5,935	5,935
Erco Worldwide (USA) Inc	0	4,799	7	4,806	0	0	0	0	0	0	0	0	0	29	0	29	4,835	5,924	5,924
Jerritt Canyon Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,808	5,808
Mosaic Fertilizer LLC - New Wales Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,405	5,405
U.S. DOE NNSA/NSO Nevada Test Site	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,808	4,808
Fort Knox Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,576	4,576
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,515	4,515
Eddystone Generating Station	0	0	3,995	3,995	0	0	0	0	0	0	0	0	0	0	0	0	3,995	4,070	4,070
PPG Industries Inc	0	2,779	0	2,779	0	0	0	0	0	0	0	0	0	0	0	0	2,779	3,156	3,156
International Paper - Vicksburg Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,011	3,011
Mosaic Fertilizer LLC Bartow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,900	2,900
Eaglepicher Technologies LLC	0	0	0	0	2,700	0	0	0	0	0	0	0	0	0	0	2,700	2,700	2,700	2,700
Martin Lake Steam Electric Station & Lignite Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,660	2,660
Mosaic Fertilizer LLC - Riverview	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,600	2,600
U.S. DOE Savannah River Ops	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,366	2,366	2,366	2,575	2,575
Freeport-McMoran Morenci Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,509	2,509
Mosaic Fertilizer LLC Uncle Sam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,289	2,289
Horsehead Corp Monaca Smelter	0	0	30	30	0	2,188	0	0	0	0	0	0	0	0	0	2,188	2,218	2,251	2,251
Clean Harbors El Dorado LLC	0	4	0	4	0	0	0	0	0	0	0	0	0	2,233	0	2,233	2,237	2,237	2,237
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,164	2,164
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,158	2,158
American Electric Power Gavin Plant	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	2,099	2,099
Wayne Disposal Inc	0	0	54	54	0	0	0	0	0	0	0	0	0	0	0	0	54	2,062	2,062
RRI Energy Inc Conemaugh Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,060	2,060
Mercury Displacement Industries Inc	0	0	0	0	0	1,891	0	0	0	0	0	0	0	0	0	1,891	1,891	1,891	1,891

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M85), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (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 (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).

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

NAICS Code Industry		On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Grams	Total Off-site Disposal or Other Releases Grams	Total On-site and Off-site Disposal or Other Releases Grams
		On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases												
		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	Land Treatment Grams	RCRA Subtitle C			Subtotal Grams				
											Surface Impoundments Grams	Other Surface Impoundments Grams	Other Land Disposal Grams					
2122	Metal Mining	0.00	0.00	0.00	0.00	0.66	0.81	0.06	0.00	0.00	0.00	0.24	0.00	1.77	1.77	0.00	1.77	
2211	Electric Utilities	0.00	0.00	7.15	7.15	1.00	405.63	0.00	0.00	0.00	0.18	0.00	0.00	406.81	413.96	2.18	416.14	
311/312	Food/Beverages/Tobacco	0.00	0.00	0.00	0.00	0.00	17.17	0.00	0.00	0.19	0.00	0.00	0.00	17.36	17.36	0.13	17.49	
321	Wood Products	0.00	0.00	0.38	0.38	1.60	9.99	150.69	0.07	0.03	0.00	0.00	0.05	162.43	162.81	428.11	590.92	
322	Paper	0.00	0.00	42.13	42.13	3.24	161.07	53.99	0.00	11.09	0.03	43.11	7.70	280.23	322.36	301.20	623.56	
324	Petroleum	0.93	0.00	0.05	0.98	0.82	21.18	4.67	0.00	7.27	0.00	0.01	0.00	33.95	34.93	35.43	70.36	
325	Chemicals	0.09	371.83	9,816.10	10,188.02	1.88	142.14	1,375.87	94.16	0.00	0.00	360.77	0.00	1,974.82	12,162.84	11,040.09	23,202.93	
326	Plastics and Rubber	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.23	0.37	
327	Stone/Clay/Glass	0.00	0.00	0.00	0.00	0.00	4.16	0.00	0.00	0.00	0.00	0.00	2.68	6.84	6.84	0.47	7.31	
32731	Cement	0.00	0.00	86.96	86.96	0.38	85.06	0.00	0.00	0.00	0.00	0.00	0.02	85.46	172.42	0.00	172.42	
331	Primary Metals	0.00	1.30	147.73	149.03	15.79	213.06	0.00	0.00	0.00	0.00	4,332.90	0.00	4,561.75	4,710.78	1,675.26	6,386.04	
332	Fabricated Metals	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.03	
333	Machinery	0.00	0.00	0.00	0.00	1.21	1.18	0.00	0.00	0.00	0.00	0.00	0.00	2.39	2.39	0.00	2.39	
335	Electrical Equipment	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.09	
336	Transportation Equipment	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.09	
337	Furniture	0.00	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.00	1.35	
4247	Petroleum Bulk Terminals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
562	Hazardous Waste Management	0.00	540.63	0.00	540.63	0.00	26.34	0.00	0.00	0.00	0.00	0.00	0.00	26.34	566.96	123.64	690.61	
	No TRI NAICS Code	0.00	0.00	0.04	0.04	0.01	7.29	0.01	0.00	0.00	0.00	0.00	0.00	7.31	7.35	0.00	7.35	
Total		1.02	913.76	10,100.55	11,015.33	26.60	1,096.78	1,585.28	94.23	18.59	0.03	4,737.21	10.44	7,569.16	18,584.49	13,606.74	32,191.23	

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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

State	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Grams	Total Off-site Disposal or Other Releases Grams	Total On-site and Off-site Disposal or Other Releases Grams
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases												
	RCRA				RCRA Subtitle C Surface												
	Class I Wells Grams	Subtitle C Landfills Grams	Other On-site Landfills Grams	Subtotal Grams	Fugitive Air Emissions Grams	Point Source Air Emissions Grams	Surface Water Discharges Grams	Class II-V Wells Grams	Land Treatment Grams	Impoundments Grams	Other Surface Impoundments Grams	Other Land Disposal Grams	Subtotal Grams				
Alaska	0.00	0.00	0.00	0.00	0.01	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.00	0.69	
Alabama	0.00	0.00	9.72	9.72	0.09	44.30	61.37	0.00	0.13	0.00	0.33	0.24	106.45	116.17	63.23	179.41	
Arkansas	0.00	0.00	4.60	4.60	0.00	23.70	8.76	0.00	5.23	0.00	0.19	0.00	37.88	42.48	51.05	93.53	
Arizona	0.00	0.00	0.00	0.00	0.25	11.19	0.00	0.00	0.00	0.00	1.44	0.00	12.89	12.89	0.00	12.89	
California	0.00	0.00	0.00	0.00	0.12	54.48	0.98	0.00	0.00	0.00	0.00	0.00	55.58	55.58	38.46	94.03	
Colorado	0.00	0.00	0.00	0.00	0.38	5.91	0.35	0.00	0.00	0.00	0.00	0.00	6.64	6.64	0.61	7.25	
Connecticut	0.00	0.00	0.00	0.00	0.00	2.12	0.00	0.00	0.00	0.00	0.00	0.00	2.12	2.12	0.09	2.20	
Delaware	0.00	0.00	0.00	0.00	0.00	7.48	2.82	0.00	0.00	0.00	0.07	0.00	10.38	10.38	972.28	982.65	
Florida	0.00	0.00	3.11	3.11	0.00	49.03	9.09	0.00	4.70	0.00	3.67	0.00	66.48	69.59	1.85	71.45	
Georgia	0.00	0.00	3.22	3.22	0.30	29.87	11.91	0.00	0.00	0.03	62.74	5.89	110.73	113.95	0.40	114.35	
Guam	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.00	0.16	
Hawaii	0.00	0.00	0.00	0.00	0.01	3.08	0.00	0.00	0.00	0.00	0.00	0.00	3.09	3.09	1.00	4.08	
Iowa	0.00	0.00	0.00	0.00	0.00	20.65	0.00	0.00	0.00	0.00	0.00	0.00	20.65	20.65	0.00	20.65	
Idaho	0.00	0.00	0.02	0.02	0.00	1.62	0.40	0.00	0.19	0.00	0.00	0.00	2.21	2.23	8.34	10.57	
Illinois	0.00	1.24	0.00	1.24	0.00	27.74	0.04	0.00	0.00	0.00	0.00	0.00	27.78	29.02	72.50	101.52	
Indiana	0.00	0.00	83.71	83.71	0.02	38.88	0.01	0.00	0.00	0.00	0.00	0.00	38.91	122.62	67.17	189.79	
Kansas	0.00	0.00	0.00	0.00	0.00	9.82	0.00	0.00	0.00	0.00	0.00	0.00	9.82	9.82	0.00	9.82	
Kentucky	0.00	0.00	22.64	22.64	0.67	45.90	237.47	0.00	0.00	0.00	0.17	0.00	284.21	306.84	2,136.80	2,443.64	
Louisiana	0.09	0.00	32.89	32.98	3.78	45.56	374.09	0.00	0.00	0.00	1.11	0.02	424.55	457.53	762.50	1,220.03	
Massachusetts	0.00	0.00	0.00	0.00	0.00	6.26	0.00	0.00	0.00	0.00	0.00	0.00	6.26	6.26	0.00	6.26	
Maryland	0.00	0.00	43.67	43.67	0.00	20.77	0.01	0.00	0.00	0.00	0.00	0.00	20.78	64.45	0.00	64.45	
Maine	0.00	0.00	0.81	0.81	0.00	12.41	0.18	0.00	0.00	0.00	0.00	0.00	12.60	13.41	1.31	14.72	
Michigan	0.00	277.00	3.05	280.05	0.04	16.84	2.70	0.00	0.00	0.00	0.00	0.00	19.58	299.64	5.31	304.95	
Minnesota	0.00	0.00	0.82	0.82	13.30	24.04	0.00	0.00	0.00	0.00	0.00	0.00	37.33	38.15	578.06	616.21	
Missouri	0.00	1.30	0.00	1.30	0.00	96.88	0.01	0.00	0.00	0.00	0.00	0.02	96.91	98.21	0.00	98.21	
Mississippi	0.00	0.00	1,341.65	1,341.65	0.03	14.68	83.99	0.00	1.03	0.00	299.18	0.00	398.90	1,740.55	141.50	1,882.05	
Montana	0.00	0.00	0.00	0.00	0.01	5.05	0.08	0.00	0.00	0.00	0.10	0.00	5.24	5.24	1.37	6.61	
North Carolina	0.00	0.00	1.95	1.95	0.00	64.17	4.91	0.00	0.00	0.00	0.00	1.54	70.63	72.57	1.22	73.80	
North Dakota	0.00	0.00	0.05	0.05	0.01	18.50	0.00	0.00	0.00	0.00	0.00	0.00	18.51	18.56	0.00	18.56	
Nebraska	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00	0.00	2.82	2.82	0.00	2.82	
New Hampshire	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.46	0.00	0.46	
New Jersey	0.00	0.00	0.00	0.00	0.41	5.12	0.00	0.00	0.00	0.00	0.00	0.00	5.53	5.53	22.37	27.90	
New Mexico	0.00	0.00	0.00	0.00	0.00	3.96	0.00	0.00	0.00	0.00	0.00	0.00	3.96	3.96	0.00	3.96	
Nevada	0.00	0.00	0.00	0.00	0.22	6.98	0.00	0.00	0.00	0.00	0.00	0.00	7.21	7.21	0.00	7.21	
New York	0.00	2.24	0.03	2.28	0.08	12.31	7.15	0.00	0.00	0.00	0.00	0.00	19.54	21.82	2.79	24.61	
Ohio	0.00	0.00	1,932.97	1,932.97	0.09	28.44	0.52	0.00	0.00	0.00	0.00	2.68	31.72	1,964.70	103.69	2,068.38	
Oklahoma	0.00	3.67	5.54	9.21	0.20	8.94	0.18	0.00	0.00	0.00	5.31	0.00	14.63	23.84	36.64	60.48	
Oregon	0.00	533.48	0.76	534.24	1.48	7.05	0.22	0.00	0.00	0.00	0.00	0.00	8.75	542.99	20.97	563.96	
Pennsylvania	0.00	0.00	0.00	0.00	0.04	48.76	1.10	0.00	0.00	0.00	2.73	0.00	52.63	52.63	5.50	58.13	
Puerto Rico	0.00	0.00	0.00	0.00	0.00	14.05	0.00	0.00	0.00	0.00	0.00	0.00	14.05	14.05	0.08	14.13	
South Carolina	0.00	0.00	1.45	1.45	1.23	24.89	6.63	0.00	0.03	0.00	13.88	0.00	46.65	48.10	2.25	50.36	
South Dakota	0.00	0.00	0.00	0.00	0.00	8.18	0.00	0.00	0.00	0.00	0.00	0.00	8.18	8.18	0.00	8.18	
Tennessee	0.00	1.99	2,032.20	2,034.19	0.36	26.03	3.82	0.00	0.00	0.00	0.04	0.00	30.25	2,064.44	117.00	2,181.45	
Texas	0.93	92.84	4,563.12	4,656.89	1.09	79.67	753.68	94.16	0.00	0.00	13.16	0.05	941.81	5,598.70	7,507.42	13,106.11	
Utah	0.00	0.00	7.15	7.15	0.99	30.70	0.10	0.00	0.00	0.00	4,332.90	0.00	4,364.68	4,371.83	29.86	4,401.69	
Virginia	0.00	0.00	1.11	1.11	0.02	12.17	2.14	0.00	0.00	0.00	0.21	0.00	14.54	15.66	2.61	18.27	
Virgin Islands	0.00	0.00	0.00	0.00	0.00	1.19	1.65	0.00	0.00	0.00	0.00	0.00	2.84	2.84	0.00	2.84	
Washington	0.00	0.00	2.51	2.51	1.00	26.26	5.81	0.07	7.27	0.00	0.00	0.00	40.40	42.91	249.56	292.48	
Wisconsin	0.00	0.00	1.79	1.79	0.01	20.49	0.06	0.00	0.00	0.00	0.00	0.00	20.57	22.36	565.85	588.22	
West Virginia	0.00	0.00	0.00	0.00	0.09	9.91	3.07	0.00	0.00	0.00	0.00	0.00	13.07	13.07	35.09	48.16	
Wyoming	0.00	0.00	0.00	0.00	0.29	16.61	0.00	0.00	0.00	0.00	0.00	0.00	16.89	16.89	0.00	16.89	
Total	1.02	913.76	10,100.55	11,015.33	26.60	1,096.78	1,585.28	94.23	18.59	0.03	4,737.21	10.44	7,569.16	18,584.49	13,606.74	32,191.23	

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

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

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

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

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

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

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

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

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/tri/program/FactorsToCoonPDF.pdf.

Note: On-site Disposal (or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.2), Stack or Point Source Air Emissions (5.2), Surface Water Discharges (5.3), Class I-V Wells (5.4.2), Land Treatment (5.5.2), RCRA Subtitle C Surface Impoundments (5.5.3A), Other Surface Impoundments (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal (or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M81), RCRA Subtitle C Landfills (M65), Other Surface Impoundments (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).