

11/16/09

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

	Number	
Total Facilities	21,695	
Total Forms	83,584	
Form Rs	74,023	
Form As	9,561	
	Pounds	Percent
On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	583,040,683	15.1
Class I Wells	168,651,102	4.4
RCRA Subtitle C Landfills	122,961,247	3.2
Other On-site Landfills	291,428,334	7.5
Other On-site Disposal or Other Releases	2,789,374,520	72.2
Total Air	1,140,860,350	29.5
Fugitive Air Emissions	161,894,025	4.2
Point Source Air Emissions	978,966,325	25.4
Surface Water Discharges	246,806,831	6.4
Class II-V Wells	18,195,394	0.5
Land Treatment	24,730,998	0.6
RCRA Subtitle C Surface Impoundments	4,245,989	0.1
Other Surface Impoundments	732,184,561	19.0
Other Land Disposal	622,350,397	16.1
Total On-site Disposal or Other Releases	3,372,415,203	87.3
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	332,025,426	8.6
Class I Wells	9,206,094	0.2
RCRA Subtitle C Landfills	64,040,880	1.7
Other Landfills	258,778,451	6.7
Other Off-site Disposal or Other Releases	156,899,051	4.1
Storage Only	7,967,909	0.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	47,277,322	1.2
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds C	2,329,167	0.1
Transfers to POTWs (Metals and Metal Category Compounds Only)	1,306,369	0.0
Class II-V Wells	297,333	0.0
RCRA Subtitle C Surface Impoundments	109,137	0.0
Other Surface Impoundments	4,334,832	0.1
Land Treatment	9,878,314	0.3
Other Land Disposal	45,729,465	1.2
Other Off-site Management	11,634,293	0.3
Transfers to Waste Broker for Disposal	19,883,619	0.5
Unknown	6,151,293	0.2
Total Off-site Disposal or Other Releases	488,924,477	12.7
Total On-site and Off-site Disposal or Other Releases	3,861,339,680	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, 2007-2008

	2007	2008	Change 2007-2008	
	Number	Number	Number	Percent
Total Facilities	22,775	21,695	-1,080	-4.7
Total Forms	87,165	83,584	-3,581	-4.1
Form Rs	75,157	74,023	-1,134	-1.5
Form As	12,008	9,561	-2,447	-20.4
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	602,033,243	583,040,683	-18,992,561	-3.2
Class I Wells	184,146,421	168,651,102	-15,495,319	-8.4
RCRA Subtitle C Landfills	150,637,961	122,961,247	-27,676,714	-18.4
Other On-site Landfills	267,248,861	291,428,334	24,179,472	9.0
Other On-site Disposal or Other Releases	2,957,796,515	2,789,374,520	-168,421,995	-5.7
Total Air	1,319,785,104	1,140,860,350	-178,924,754	-13.6
Fugitive Air Emissions	169,138,939	161,894,025	-7,244,914	-4.3
Point Source Air Emissions	1,150,646,165	978,966,325	-171,679,840	-14.9
Surface Water Discharges	238,730,108	246,806,831	8,076,724	3.4
Class II-V Wells	21,505,656	18,195,394	-3,310,262	-15.4
Land Treatment	21,973,993	24,730,998	2,757,005	12.5
RCRA Subtitle C Surface Impoundments	5,554,802	4,245,989	-1,308,812	-23.6
Other Surface Impoundments	759,303,343	732,184,561	-27,118,781	-3.6
Other Land Disposal	590,943,510	622,350,397	31,406,887	5.3
Total On-site Disposal or Other Releases	3,559,829,758	3,372,415,203	-187,414,555	-5.3
Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills	364,537,585	332,025,426	-32,512,160	-8.9
Class I Wells	15,647,795	9,206,094	-6,441,701	-41.2
RCRA Subtitle C Landfills	51,153,753	64,040,880	12,887,127	25.2
Other Landfills	297,736,037	258,778,451	-38,957,586	-13.1
Other Off-site Disposal or Other Releases	194,283,857	156,899,051	-37,384,806	-19.2
Storage Only	5,169,914	7,967,909	2,797,995	54.1
Solidification/Stabilization (Metals and Metal Category Compounds Only)	95,322,471	47,277,322	-48,045,149	-50.4
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	2,997,711	2,329,167	-668,544	-22.3
Transfers to POTWs (Metals and Metal Category Compounds Only)	1,951,455	1,306,369	-645,086	-33.1
Class II-V Wells	374,295	297,333	-76,962	-20.6
RCRA Subtitle C Surface Impoundments	91,020	109,137	18,117	19.9
Other Surface Impoundments	5,185,303	4,334,832	-850,472	-16.4
Land Treatment	8,555,151	9,878,314	1,323,163	15.5
Other Land Disposal	36,951,492	45,729,465	8,777,972	23.8
Other Off-site Management	18,819,250	11,634,293	-7,184,957	-38.2
Transfers to Waste Broker for Disposal	12,236,089	19,883,619	7,647,530	62.5
Unknown	6,629,706	6,151,293	-478,413	-7.2
Total Off-site Disposal or Other Releases	558,821,443	488,924,477	-69,896,966	-12.5
Total On-site and Off-site Disposal or Other Releases	4,118,651,201	3,861,339,680	-257,311,521	-6.2

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, M81and 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, 2001-2008

	2001	2002	2003	2004	2005	2006	2007	2008	Change 2001-2008	
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	25,772	25,123	24,593	24,428	24,140	23,543	22,775	21,695	-4,077	-15.8
Total Forms	96,755	94,334	92,512	91,884	91,260	89,742	87,165	83,584	-13,171	-13.6
Form Rs	84,265	82,289	80,887	80,702	80,200	77,185	75,157	74,023	-10,242	-12.2
Form As	12,490	12,045	11,625	11,182	11,060	12,557	12,008	9,561	-2,929	-23.5
On-site Disposal or Other Releases	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Total Air Emissions	1,630,651,792	1,614,764,811	1,586,328,848	1,544,114,336	1,516,364,586	1,413,548,524	1,319,785,104	1,140,860,350	-489,791,442	-30.0
Fugitive Air	211,946,830	200,452,732	199,169,103	197,097,261	193,846,578	183,456,673	169,138,939	161,894,025	-50,052,805	-23.6
Stack Air	1,418,704,962	1,414,312,079	1,387,159,746	1,347,017,075	1,322,518,007	1,230,091,852	1,150,646,165	978,966,325	-439,738,637	-31.0
Surface Water Discharges	243,228,360	243,354,729	230,843,245	253,320,387	256,720,913	250,002,345	238,730,108	246,806,831	3,578,471	1.5
Underground Injection	215,649,594	227,038,336	229,183,906	238,057,383	231,683,479	219,866,050	205,652,077	186,846,496	-28,803,098	-13.4
Underground Injection Class I	193,645,890	206,515,351	207,215,071	210,341,916	211,508,020	199,782,672	184,146,421	168,651,102	-24,994,787	-12.9
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	-3,808,311	-17.3
On-site Land	2,999,389,188	2,176,810,495	1,915,143,615	1,702,657,048	1,824,769,865	1,901,197,935	1,795,662,470	1,797,901,526	-1,201,487,662	-40.1
RCRA Subtitle C Landfills	173,537,483	155,998,461	196,263,210	151,917,311	155,224,815	151,845,152	150,637,961	122,961,247	-50,576,236	-29.1
Other On-site Landfills	484,540,505	423,182,271	464,231,990	419,703,410	422,093,413	414,903,273	417,886,822	414,389,580	-70,150,924	-14.5
Land Treatment	17,213,415	24,275,256	18,133,834	21,488,589	23,693,582	26,817,717	21,973,993	24,730,998	7,517,583	43.7
Surface Impoundments	973,836,003	771,594,855	822,562,932	719,336,534	782,039,292	822,194,092	764,858,144	736,430,551	-237,405,453	-24.4
Other Land Disposal	1,523,799,265	957,758,113	610,214,858	542,128,515	596,943,578	637,282,853	590,943,510	622,350,397	-901,448,868	-59.2
Total On-site Disposal or Other Releases	5,088,918,934	4,261,968,371	3,961,499,614	3,738,149,154	3,829,538,843	3,784,614,854	3,559,829,758	3,372,415,203	-1,716,503,731	-33.7
Off-site Disposal or Other Releases										
Storage Only	5,933,374	9,118,074	5,899,198	7,938,861	5,566,242	6,562,079	5,169,914	7,967,909	2,034,535	34.3
Solidification/Stabilization (Metals and Metal Category Compounds Only)	65,356,191	97,578,442	78,969,447	78,493,886	72,986,194	98,797,562	95,322,471	47,277,322	-18,078,869	-27.7
Wastewater Treatment-Metals and Metal Category Compounds Only	3,772,679	3,572,447	2,266,887	2,115,888	6,077,643	2,277,937	2,997,711	2,329,167	-1,443,513	-38.3
Transfers to POTWs Metal and Metal Category Compounds	2,223,663	1,986,496	1,896,464	1,662,279	1,765,987	1,834,741	1,951,455	1,306,369	-917,294	-41.3
Underground Injection	15,432,007	8,592,674	7,951,077	12,173,346	13,164,104	15,976,343	16,022,091	9,503,427	-5,928,579	-38.4
Landfill/Surface Impoundments	338,073,289	278,811,317	312,141,276	326,659,951	339,751,779	335,005,899	354,166,114	327,263,300	-10,809,989	-3.2
Land Treatment	7,384,171	10,091,776	9,468,658	8,945,039	10,676,613	7,172,155	8,555,151	9,878,314	2,494,143	33.8
Other Land Disposal	28,820,601	42,339,910	32,422,004	40,119,473	46,697,164	33,865,611	36,951,492	45,729,465	16,908,864	58.7
Other Off-Site Management	16,185,692	15,226,586	14,567,796	14,247,931	16,576,019	15,983,435	18,819,250	11,634,293	-4,551,399	-28.1
Waste Broker	12,061,653	12,942,266	15,674,559	17,433,339	16,185,964	14,201,826	12,236,089	19,883,619	7,821,966	64.8
Unknown	3,848,976	5,948,282	4,929,694	5,671,620	5,732,992	6,431,660	6,629,706	6,151,293	2,302,317	59.8
Total Off-site Disposal or Other Releases	499,092,297	486,208,271	486,187,059	515,461,612	535,180,700	538,109,249	558,821,443	488,924,477	-10,167,820	-2.0
Total On- and Off-site Disposal or Other Releases	5,588,011,231	4,748,176,643	4,447,686,674	4,253,610,766	4,364,719,543	4,322,724,103	4,118,651,201	3,861,339,680	-1,726,671,551	-30.9

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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.

11/19/09

Total TRI On-site and Off-site Disposal or Other Releases, 2001-2008: Facilities Compared by Amount reported in 2001*

Amount of Total Disposal or Other Releases in 2001	Facilities*		2001		2008		Change 2001-2008	
	Number	Percent of Total	Pounds	Pounds	Pounds	Pounds	Percent	
Zero total disposal or other releases in both 2001 and 2008	1,984	12	0	0	0	0	--	
>0 and <10,000 pounds in 2001	8,241	50	14,659,644	131,798,397	117,138,753	117,138,753	799	
>=10,000 and <100,000 pounds in 2001	3,828	23	140,677,326	183,528,065	42,850,739	42,850,739	30	
Less than 100,000 pounds in 2001	14,053	85	155,336,971	315,326,462	159,989,492	159,989,492	103	
>=100,000 pounds in 2001	2,477	15	3,711,673,197	2,834,380,614	-877,292,583	-877,292,583	-24	
Subtotal**	16,530	99.96	3,867,010,167	3,149,707,077	-717,303,091	-717,303,091	-19	
Change <>80,000,000 pounds from 2001-2008	7	0.04	1,464,103,289	629,753,878	-834,349,411	-834,349,411	-57	
Total for Facilities Reporting in both 2001 and 2008	16,537	100	5,331,113,456	3,779,460,955	-1,551,652,502	-1,551,652,502	-29	

* Includes only facilities reporting in both 2001 and 2008. Facilities grouped into size categories according to total disposal or other releases reported for 2001 and then compared to amount reported for 2008. Amounts for 2001 and 2008 are for same group

** Subtotal does not include 7 facilities that reported change from 2001-2008 of more than 80,000,000 pounds.

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

11/19/09

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

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Change 1998-2008	
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Percent
Total Facilities	23,303	23,016	23,027	22,362	21,763	21,203	21,040	20,779	20,321	19,623	18,734	-4,569	-19.6
Total Forms	83,130	82,326	82,192	79,443	77,339	75,571	75,132	74,522	73,358	71,042	68,153	-14,977	-18.0
Form Rs	70,282	69,644	69,211	67,018	65,344	63,991	63,998	63,511	61,237	59,480	58,539	-11,743	-16.7
Form As	12,848	12,682	12,981	12,425	11,995	11,580	11,134	11,011	12,121	11,562	9,614	-3,234	-25.2
On-site Disposal or Other Releases	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Total Air Emissions	2,042,117,141	2,003,076,145	1,885,261,764	1,625,931,224	1,611,293,743	1,583,033,032	1,541,128,307	1,513,445,857	1,410,186,955	1,317,426,147	1,138,679,612	-903,437,529	-44.2
Fugitive Air	286,227,596	260,644,317	238,642,232	211,281,166	199,795,241	198,640,969	196,637,865	193,416,277	183,041,174	168,691,931	161,277,510	-124,950,086	-43.7
Stack Air	1,755,889,545	1,742,431,828	1,646,619,531	1,414,650,058	1,411,498,502	1,384,392,063	1,344,490,441	1,320,029,580	1,227,145,781	1,148,734,217	977,402,102	-778,487,443	-44.3
Surface Water Discharges	255,880,290	270,482,631	269,182,290	242,423,356	242,639,380	229,864,781	252,519,501	256,142,948	249,461,080	238,101,302	245,430,031	-10,450,259	-4.1
Underground Injection	258,022,342	250,244,399	269,623,166	208,495,360	218,753,986	220,490,037	227,903,930	224,601,664	211,692,188	196,868,529	179,197,179	-78,825,163	-30.5
Underground Injection Class I	231,959,661	222,789,096	239,885,166	192,531,665	205,122,796	205,782,092	208,695,352	210,214,312	198,315,113	182,543,946	167,065,659	-64,894,002	-28.0
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	-13,931,161	-53.5
On-site Land	3,782,181,367	3,946,935,380	3,321,864,014	2,532,333,825	1,768,780,707	1,448,392,827	1,244,525,764	1,342,375,805	1,394,157,740	1,290,623,440	1,296,620,399	-2,485,560,968	-65.7
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	133,771,437	133,095,942	105,255,291	-85,417,541	-44.8
Other On-site Landfills	261,168,838	242,473,208	275,637,917	274,022,355	229,949,457	219,790,364	228,715,584	229,324,052	233,851,859	238,503,743	259,899,437	-1,269,401	-0.5
Land Treatment	9,719,050	11,022,047	15,815,909	15,889,433	22,562,273	17,293,192	20,236,093	22,407,146	25,492,239	20,551,853	23,009,496	13,290,446	136.7
Surface Impoundments	1,289,182,706	1,133,529,054	962,816,544	800,782,383	631,228,041	665,543,816	579,678,924	622,326,717	645,585,465	590,202,467	586,079,586	-703,103,120	-54.5
Other Land Disposal	2,031,437,941	2,373,053,961	1,835,666,191	1,292,314,287	748,171,724	398,934,023	289,112,066	331,397,977	355,456,740	308,269,435	322,376,589	-1,709,061,352	-84.1
Total On-site Disposal or Other Releases	6,338,201,140	6,470,738,555	5,745,931,233	4,609,183,766	3,841,467,816	3,481,780,676	3,266,077,503	3,336,566,274	3,265,497,963	3,043,019,418	2,859,927,220	-3,478,273,920	-54.9
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	4,674,439	5,825,715	4,270,581	7,325,580	-653,539	-8.2
Solidification/Stabilization (Metals and Metal Category Compounds Only)	42,011,173	42,937,454	44,279,314	60,869,068	90,274,417	70,823,947	70,777,004	63,301,909	89,250,066	87,295,768	42,130,368	119,195	0.3
Wastewater Treatment-Metals and Metal Category Compounds Only	3,079,669	7,140,539	7,041,261	3,674,449	3,263,681	1,937,587	2,007,183	2,901,594	2,216,563	2,964,040	2,081,448	-998,222	-32.4
Transfers to POTWs Metal and Metal Category Compounds	3,549,672	2,766,518	2,903,197	2,162,986	1,924,825	1,846,311	1,619,580	1,729,838	1,796,259	1,917,414	1,272,264	-2,277,408	-64.2
Underground Injection	8,275,951	23,281,482	20,321,953	15,389,953	8,469,959	7,891,213	12,099,408	13,067,598	15,933,044	15,974,548	9,452,530	1,176,579	14.2
Landfill/Surface Impoundments	269,711,978	274,368,501	296,468,471	308,569,329	255,489,389	290,815,184	306,794,960	319,729,784	315,845,151	330,418,103	307,542,058	37,830,079	14.0
Land Treatment	2,214,999	3,641,639	5,536,789	7,187,855	9,376,077	9,059,728	8,482,476	10,303,135	6,913,879	8,212,300	9,367,143	7,152,144	322.9
Other Land Disposal	27,221,859	24,848,296	23,131,825	27,282,622	36,452,650	30,618,976	37,917,019	43,397,020	31,671,036	34,815,201	42,944,233	15,722,374	57.8
Other Off-Site Management	17,919,152	24,750,195	16,621,865	14,530,943	13,810,289	13,337,111	12,566,097	14,794,719	14,532,603	17,116,085	9,593,883	-8,325,269	-46.5
Waste Broker	14,453,649	13,024,301	14,773,435	9,967,018	11,030,180	13,809,895	15,265,894	13,822,450	12,117,572	10,977,664	18,547,126	4,093,477	28.3
Unknown	3,620,100	4,237,715	6,380,546	3,041,226	5,041,643	4,468,658	5,224,152	4,897,432	5,806,253	6,523,445	6,068,241	2,448,141	67.6
Total Off-site Disposal or Other Releases	400,037,321	427,926,372	446,248,131	457,941,936	443,203,387	449,653,574	479,907,191	492,619,920	501,908,141	520,485,149	456,324,873	56,287,551	14.1
Total On- and Off-site Disposal or Other Releases	6,738,238,461	6,898,664,926	6,192,179,365	5,067,125,702	4,284,671,202	3,931,434,250	3,745,984,693	3,829,186,193	3,767,406,105	3,563,504,567	3,316,252,093	-3,421,986,368	-50.8

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

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

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

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Total TRI On-site and Off-site Disposal or Other Releases, 1998-2008: Facilities Compared by Amount reported in 1998*

Amount of Total Disposal or Other Releases in 1998	Facilities*		1998	2008	Change 1998-2008	
	Number	Percent of Total	Pounds	Pounds	Pounds	Percent
Zero total disposal or other releases in both 1998 and 2008	1,461	11	0	0	0	--
>0 and <=10,000 pounds in 1998	5,578	43	11,706,039	103,366,158	91,660,119	783
>=10,000 and <100,000 pounds in 1998	3,505	27	130,677,393	159,724,454	29,047,062	22
Less than 100,000 pounds in 1998	10,544	81	142,383,432	263,090,613	120,707,181	85
>=100,000 pounds in 1998	2,540	19	3,653,686,958	2,520,941,554	-1,132,745,404	-31
Subtotal**	13,084	99.9	3,796,070,390	2,784,032,167	-1,012,038,223	-27
Change <>80,000,000 pounds from 1998-2008	12	0.1	2,257,088,215	453,690,608	-1,803,397,607	-80
Total for Facilities Reporting in both 1998 and 2008	13,096	100	6,053,158,605	3,237,722,775	-2,815,435,830	-47

* Includes only facilities reporting in both 1998 and 2008. Facilities grouped into size categories according to total disposal or other releases reported for 1998 and then compared to amount reported for 2008. Amounts for 1998 and 2008 are for same group

** Subtotal does not include 12 facilities that reported change from 1998-2008 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 2007-2008

	1988	1998	2007	2008	Change 1988-2008	
	Number	Number	Number	Number	Number	Percent
Total Facilities	19,319	19,045	15,828	14,999	-4,320	-22.4
Total Forms	55,961	55,904	47,662	45,322	-10,639	-19.0
On-site Disposal or Other Releases						
Total Air Emissions	2,036,236,594	880,367,217	433,029,992	378,324,596	-1,657,911,998	-81.4
Fugitive Air Emissions	637,264,033	197,028,291	118,670,922	110,379,624	-526,884,409	-82.7
Point Source Air Emissions	1,398,972,561	683,338,925	314,359,070	267,944,972	-1,131,027,589	-80.8
Surface Water Discharges	41,575,143	18,529,400	13,719,835	12,286,703	-29,288,440	-70.4
Underground Injection	161,652,002	114,064,950	90,067,921	87,042,151	-74,609,851	-46.2
On-site Land	378,956,569	329,400,609	162,276,648	187,022,293	-191,934,276	-50.6
Total On-site Disposal or Other Releases	2,618,420,308	1,342,362,175	699,094,395	664,675,743	-1,953,744,565	-74.6
Off-site Disposal or Other Releases						
Storage Only	13,392,664	5,164,659	1,700,737	4,564,430	-8,828,234	-65.9
Solidification/Stabilization (Metals and Metal Category Compounds Only)	26,620,239	122,603,560	106,021,762	53,713,531	27,093,292	101.8
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	4,521,656	3,052,131	5,354,675	3,491,029	-1,030,627	-22.8
Transfers to POTWs (Metals and Metal Category Compounds Only)	9,373,166	3,258,783	1,907,039	1,261,056	-8,112,109	-86.5
Underground Injection	8,362,149	8,728,645	13,416,122	17,634,376	9,272,227	110.9
Landfills/Surface Impoundments	242,973,056	209,055,533	336,957,026	291,997,384	49,024,328	20.2
Land Treatment	2,219,231	514,928	1,904,179	1,810,473	-408,758	-18.4
Other Land Disposal	9,156,695	12,986,892	7,512,731	8,687,326	-469,369	-5.1
Other Off-site Management	35,675,928	8,480,494	5,687,802	4,534,524	-31,141,404	-87.3
Transfers to Waste Broker for Disposal	26,903,734	11,910,403	6,653,068	8,769,576	-18,134,158	-67.4
Unknown	8,985,214	3,053,509	3,658,873	3,470,883	-5,514,331	-61.4
Total Off-site Disposal or Other Releases	388,183,732	388,809,537	490,774,014	399,934,588	11,750,856	3.0
Total On-site and Off-site Disposal or Other Releases	3,006,604,040	1,731,171,713	1,189,868,409	1,064,610,331	-1,941,993,709	-64.6

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, 2008

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			
2121 Coal Mining	4	0	5,241,231	5,241,235	587,138	92,079	626,442	52,871	5,391,761	0	271,520	1,271,407	8,293,219	13,534,455	8,256	13,542,711		
2122 Metal Mining	0	0	16,934,213	16,934,213	1,301,693	2,396,406	496,446	18,023,392	7,944	3,683,213	574,880,662	537,007,191	1,137,796,945	1,154,731,158	2,978,100	1,157,709,258		
2211 Electric Utilities	2,152	15,546	161,338,820	161,356,518	1,143,009	523,468,546	5,430,149	4	4,096,298	118,125	107,429,550	16,744,924	658,430,604	819,787,122	84,970,255	904,757,377		
311/312 Food/Beverages/Tobacco	157,816	5,272	76,828	239,916	15,000,029	31,794,260	96,269,384	23,150	12,986,922	118,833	117,331	1,409,298	157,719,206	157,959,122	8,825,402	166,784,524		
313/314 Textiles	0	0	0	0	285,222	1,140,498	149,395	0	99,743	0	127,185	3,140	1,805,183	1,805,183	636,171	2,441,354		
315 Apparel	0	0	0	0	468	1,310	0	0	0	0	0	0	1,778	1,778	10,417	12,195		
316 Leather	203	33,459	0	33,662	115,636	206,499	8,018	0	0	0	0	1,005	331,157	364,819	899,390	1,264,209		
321 Wood Products	0	266	231,223	231,490	1,544,491	11,545,400	15,430	0	13,031	5	4,137	6,406	13,128,900	13,360,389	1,006,716	14,367,105		
322 Paper	0	354,503	16,815,120	17,169,623	26,680,534	112,673,673	17,397,952	0	879,122	87,662	3,610,586	253,737	161,583,266	178,752,889	7,355,125	186,108,014		
323/51 Printing and Publishing	0	0	0	0	5,804,292	4,166,720	916	0	0	0	0	11	9,971,939	9,971,939	283,609	10,255,548		
324 Petroleum	2,090,571	50	3,763	2,094,384	12,084,366	29,050,961	25,229,575	34,648	60,187	57	30,641	44,533	66,534,968	68,629,352	4,202,940	72,832,292		
325 Chemicals	150,191,919	379,391	39,997,429	190,568,740	47,638,726	118,683,616	36,925,700	20,711	600,561	231,888	13,477,411	11,445,532	229,024,146	419,592,886	48,357,153	467,950,038		
326 Plastics and Rubber	0	285,898	4,493	290,391	7,817,432	30,547,941	140,363	5	232	0	2,352	481	38,508,805	38,799,196	10,350,870	49,150,066		
327 Stone/Clay/Glass	3,300	671	353,689	357,660	1,039,013	17,190,200	2,749,020	0	1,089	1,152	77,126	868,287	21,925,887	22,283,547	3,072,104	25,355,651		
32731 Cement	0	20,824	1,497,045	1,517,869	58,758	7,340,762	2,057	0	0	0	20	68,466	7,470,063	8,987,932	114,729	9,102,661		
331 Primary Metals	921,743	560,173	40,028,879	41,510,795	8,766,586	32,226,463	39,732,120	5	21,663	0	30,220,747	40,915,441	151,883,025	193,393,820	247,233,908	440,627,728		
332 Fabricated Metals	0	5	2,279,111	2,279,116	9,719,508	17,373,631	1,833,405	0	5,792	0	204	45,750	28,978,291	31,257,407	23,254,289	54,511,696		
333 Machinery	0	0	9,497	9,497	4,477,894	2,803,456	51,716	0	9	0	0	43,601	7,376,676	7,386,173	2,473,852	9,860,025		
334 Computers/Electronic Products	0	5	10	15	556,838	1,572,152	2,879,814	0	0	0	0	2,193	5,010,997	5,011,012	2,737,243	7,748,255		
335 Electrical Equipment	0	31	23,383	23,413	755,729	2,007,896	6,282	0	0	0	6,415	1,460	2,777,781	2,801,195	4,183,631	6,984,826		
336 Transportation Equipment	0	50,994	446,203	497,197	8,995,192	21,476,878	173,950	0	17	0	1,861	38,598	30,686,496	31,183,693	7,207,805	38,391,498		
337 Furniture	0	0	0	0	830,245	5,841,012	18	1	550	0	0	284	6,672,109	6,672,109	187,856	6,859,965		
339 Miscellaneous Manufacturing	0	253	15	268	580,937	2,637,129	1,097	0	0	0	0	1,500	3,220,663	3,220,932	2,038,233	5,259,165		
4246 Chemical Wholesalers	0	0	0	0	723,152	474,836	438	0	0	0	0	26	1,198,452	1,198,452	389,278	1,587,730		
4247 Petroleum Bulk Terminals	0	0	0	0	4,032,497	1,004,595	14,322	1	0	0	2	4,477	5,055,894	5,055,894	137,994	5,193,889		
562 Hazardous Waste Management	15,283,394	121,234,005	3,732,932	140,250,331	339,611	226,072	27,513	0	0	2,574	522,584	1,648,396	2,766,750	143,017,081	24,132,134	167,149,215		
No TRI NAICS Code	0	19,900	2,414,450	2,434,350	1,015,030	1,023,335	16,645,310	40,606	566,077	2,480	1,404,229	10,524,252	31,221,319	33,655,668	1,877,016	35,532,684		
Total	168,651,102	122,961,247	291,428,334	583,040,683	161,894,025	978,966,325	246,806,831	18,195,394	24,730,998	4,245,989	732,184,561	622,350,397	2,789,374,520	3,372,415,203	488,924,477	3,861,339,680		

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 Industry, 2008: 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														
	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											
								Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds						
2122 Metal Mining	0	0	16,934,213	16,934,213	1,301,693	2,396,406	496,446	18,023,392	7,944	3,683,213	574,880,662	537,007,191	1,137,796,945	1,154,731,158	2,996,746	1,157,727,904			
2211 Electric Utilities	2,152	15,546	161,338,820	161,356,518	1,143,009	523,468,546	5,430,149	4	4,096,298	118,125	107,429,550	16,744,924	658,430,604	819,787,122	90,120,676	909,907,798			
325 Chemicals	150,191,919	379,391	39,997,429	190,568,740	47,638,726	118,683,616	36,925,700	20,711	600,561	231,888	13,477,411	11,445,532	229,024,146	419,592,886	60,960,377	480,553,263			
331 Primary Metals	921,743	560,173	40,028,879	41,510,795	8,766,586	32,226,463	39,732,120	5	21,663	0	30,220,747	40,915,441	151,883,025	193,393,820	308,607,217	502,001,037			
322 Paper	0	354,503	16,815,120	17,169,623	26,680,534	112,673,673	17,397,952	0	879,122	87,662	3,610,586	253,737	161,583,266	178,752,889	7,359,511	186,112,400			
311/312 Food/Beverages/Tobacco	157,816	5,272	76,828	239,916	15,000,029	31,794,260	96,269,384	23,150	12,986,922	118,833	117,331	1,409,298	157,719,206	157,959,122	8,826,385	166,785,507			
562 Hazardous Waste Management	15,283,394	121,234,005	3,732,932	140,250,331	339,611	226,072	27,513	0	0	2,574	522,584	1,648,396	2,766,750	143,017,081	26,217,364	169,234,445			
324 Petroleum	2,090,571	50	3,763	2,094,384	12,084,366	29,050,961	25,229,575	34,648	60,187	57	30,641	44,533	66,534,968	68,629,352	4,578,488	73,207,840			
326 Plastics and Rubber	0	285,898	4,493	290,391	7,817,432	30,547,941	140,363	5	232	0	2,352	481	38,508,805	38,799,196	10,408,265	49,207,460			
No TRI NAICS Code	0	19,900	2,414,450	2,434,350	1,015,030	1,023,335	16,645,310	40,606	566,077	2,480	1,404,229	10,524,252	31,221,319	33,655,668	2,032,844	35,688,513			

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).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: 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 to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other 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
			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	193,393,820	2,482,927	90,527,133	154,508,961	247,519,022	2,590,997	48,575,140	478,901	195,975	7,491	62,185	168,297	157,347	3,929,184	838,760	3,627,113	456,806	61,088,195	308,607,217	502,001,037		
2211 Electric Utilities	819,787,122	28	580,546	35,099,973	35,680,547	2,945,097	261,107	0	865	2,976	0	2,645,843	2,115,253	33,785,149	4,327,308	8,241,531	114,999	54,440,128	90,120,676	909,907,798		
325 Chemicals	419,592,886	12,398,431	6,292,989	22,270,958	40,962,378	1,811,491	3,569,045	2,201,965	275,889	56,557	0	45,947	2,427,394	1,679,258	3,390,792	2,628,632	1,911,031	19,998,000	60,960,377	480,553,263		
562 Hazardous Waste Management	143,017,081	561,393	9,300,920	11,886,564	21,748,876	35,214	1,743,202	690,286	1,943	0	0	0	0	6,139	502,796	1,340,030	148,877	4,468,488	26,217,364	169,234,445		
332 Fabricated Metals	31,257,407	5,953,296	1,668,890	10,340,441	17,962,628	174,265	4,052,525	327,184	75,505	17,257	23,283	94,864	130,203	289,513	623,951	924,804	337,029	7,070,383	25,033,011	56,290,418		
326 Plastics and Rubber	38,799,196	9	214,250	8,085,984	8,300,243	27,582	116,710	4,639	23,028	0	119	12,177	235,881	416,298	508,004	749,515	14,069	2,108,022	10,408,265	49,207,460		
311/312 Food/Beverages/Tobacco	157,959,122	0	42,059	656,260	698,319	32,276	162,569	4,626	13,337	0	2,349	820	3,647,463	3,427,351	291,189	22,329	523,757	8,128,066	8,826,385	166,785,507		
336 Transportation Equipment	31,183,693	164,941	696,049	3,930,596	4,791,585	68,645	968,128	270,482	74,767	3,064	15,637	50,032	89,150	612,322	231,443	439,240	149,756	2,972,666	7,764,251	38,947,944		
322 Paper	178,752,889	0	643,573	4,839,874	5,483,247	43,680	1,339	74,927	145,354	0	0	561,891	718,805	59,211	251,743	13,758	5,557	1,876,264	7,359,511	186,112,400		
324 Petroleum	68,629,352	74,594	1,545,388	1,728,354	3,348,336	8,548	357,828	23,357	125,718	201,383	344	1	61,154	41,102	210,758	25,310	174,650	1,230,152	4,578,488	73,207,840		

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/tipprogram/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, 2008

State	On-site Disposal or Other Releases															Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills					Other On-site Disposal or Other Releases												
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds				
Alabama	0	8,190,388	11,271,808	19,462,196	7,568,232	32,445,072	9,107,130	34,026	105,979	0	17,778,628	262,756	67,301,823	86,764,019	26,583,380	113,347,399		
Alaska	0	0	210,548	210,548	418,231	169,842	3,798	18,010,157	0	0	221,709,556	327,031,453	567,343,038	567,553,586	233,251	567,786,837		
American Samoa	0	0	0	0	0	0	6	0	0	0	0	0	6	6	0	6		
Arizona	0	0	20,000,782	20,000,782	934,309	2,645,274	58,877	5	194,699	0	17,799,809	52,189,453	73,822,426	93,823,208	1,296,807	95,120,014		
Arkansas	4,295,916	47,676	5,079,337	9,422,929	3,815,618	12,358,148	6,517,943	14,556	612,420	66,167	2,065,802	1,572,013	27,022,666	36,445,595	4,070,489	40,516,084		
California	33,732	17,620,239	96,961	17,750,932	2,507,723	9,963,405	2,227,272	71,075	518,163	52	1,156	5,483,308	20,772,153	38,523,085	3,763,430	42,286,514		
Colorado	0	253	5,316,754	5,317,007	649,196	2,196,316	2,645,767	0	58,211	0	3,649,766	2,644,938	11,844,195	17,161,202	4,436,998	21,598,200		
Connecticut	0	0	488	488	539,173	1,664,457	249,953	0	0	0	7	3,394	2,456,984	2,457,472	1,533,718	3,991,190		
Delaware	0	0	844,150	844,150	184,088	5,570,733	2,796,686	0	31,191	0	1,973	8,662	8,593,333	9,437,483	3,129,306	12,566,789		
District of Columbia	0	0	0	0	1,214	0	5,686	0	0	0	61,679	0	68,580	68,580	266	68,845		
Florida	18,561,372	0	5,925,608	24,486,980	5,166,139	40,904,115	1,294,303	10,670	610,540	0	586,246	403,566	48,975,579	73,462,558	4,182,382	77,644,940		
Georgia	0	409	1,601,409	1,601,818	8,439,186	63,024,306	11,142,777	0	442,723	21,500	16,660,431	927,584	100,658,507	102,260,325	2,320,598	104,580,923		
Guam	0	0	28	28	16,574	110,127	138,443	0	0	0	18	1,264	266,425	266,425	4,550	271,004		
Hawaii	0	0	0	0	247,521	2,033,777	549,838	3,471	14,045	0	0	0	2,920,998	2,920,998	245,176	3,166,175		
Idaho	0	21,952,687	290,963	22,243,650	702,841	3,021,563	2,766,293	0	2,105,444	3,593,213	15,029,429	18,798,097	46,016,880	68,260,530	952,405	69,212,935		
Illinois	2,379	15,533,057	6,619,334	22,154,771	6,045,944	31,226,794	12,492,399	0	66,910	15,720	5,587,399	1,615,886	57,051,052	79,205,823	35,900,052	115,105,875		
Indiana	745,284	150,305	21,181,748	22,077,337	5,827,723	49,167,576	20,610,716	0	3,534,718	0	6,655,039	4,294,428	90,090,200	112,167,537	97,126,245	209,293,782		
Iowa	0	0	5,467,925	5,467,925	3,959,679	18,392,423	4,535,052	0	958,433	0	1,541,377	91,101	29,478,066	34,945,992	8,076,632	43,022,624		
Kansas	1,095,408	0	7,386,049	8,481,457	2,074,801	7,884,051	976,265	250	196,123	0	412,971	410,377	11,954,838	20,436,295	4,114,834	24,551,129		
Kentucky	3,305	0	11,220,370	11,223,674	4,892,840	51,485,520	4,973,260	0	447,760	0	8,194,015	636,010	70,629,405	81,853,079	10,896,074	92,749,153		
Louisiana	41,791,960	4,388,029	12,456,960	58,636,948	13,940,185	37,814,930	14,839,081	0	9,471	246	4,529,566	125,825	71,259,305	129,896,253	9,373,697	139,269,950		
Maine	0	0	906,321	906,321	1,172,380	3,415,410	3,541,975	0	0	0	0	17,611	8,147,376	9,053,697	1,322,260	10,375,957		
Maryland	0	28	2,182,234	2,182,263	361,231	40,227,697	2,518,053	20,662	613,820	0	11,101	21,422	43,773,986	45,956,248	3,972,344	49,928,592		
Massachusetts	0	0	9,218	9,218	729,476	3,070,581	7,745	0	1,508	0	20,627	14,605	3,844,543	3,853,760	1,905,157	5,758,917		
Michigan	371,212	2,440,881	10,111,231	12,923,324	2,429,211	42,837,921	2,314,242	0	750	0	6,397,084	754,219	54,733,426	67,656,750	27,998,828	95,655,578		
Minnesota	0	0	6,757,016	6,757,016	2,750,885	8,072,334	1,810,604	0	61,892	0	2,374,558	1,323,824	16,394,098	23,151,114	2,960,164	26,111,278		
Mississippi	11,302,298	0	13,987,145	25,289,443	3,535,121	15,785,054	9,138,795	0	0	33,700	10,661,881	213,401	39,367,952	64,657,395	2,999,645	67,657,039		
Missouri	0	136,512	2,471,505	2,608,017	2,030,428	13,059,786	2,118,770	0	18,566	12,000	49,054,153	15,313,433	81,607,136	84,215,154	3,286,660	87,501,814		
Montana	0	51	12,583,018	12,583,069	406,167	2,957,871	212,800	10,291	917	90,000	13,951,304	15,520,887	33,150,237	45,733,306	1,349,537	47,082,843		
Nebraska	0	0	4,478,545	4,478,545	3,249,921	5,155,697	16,978,971	0	377,437	0	5,435	34,059	25,801,521	30,280,066	3,455,339	33,735,405		
Nevada	0	3,194,606	1,737,565	4,932,171	688,345	611,096	158	0	121	0	105,920,598	88,320,644	195,540,961	200,473,132	1,808,638	202,281,770		
New Hampshire	0	0	0	0	50,097	2,715,605	538	0	0	0	30,158	13	2,796,410	2,796,410	259,196	3,055,606		
New Jersey	0	120,186	4,652	124,838	828,139	5,318,296	9,067,255	0	28,448	2,480	0	252,350	15,496,968	15,621,806	2,352,643	17,974,449		
New Mexico	180,989	0	3,836,178	4,017,167	414,973	694,562	53,745	0	1,697,197	0	1,276,750	10,843,989	14,981,217	18,998,384	145,230	19,143,614		
New York	0	1,280,389	700,124	1,980,513	1,433,548	9,769,644	6,923,999	0	2,497	0	3,120,804	1,114,145	22,364,636	24,345,149	8,177,761	32,522,910		
North Carolina	0	5,302	3,049,147	3,054,449	5,745,720	51,067,188	13,167,338	0	492,624	198,664	5,092,565	5,735,722	81,499,820	84,554,269	8,314,569	92,868,838		
North Dakota	0	0	2,581,395	2,581,395	274,195	4,074,899	187,696	713	389,527	0	5,879,564	1,245,395	12,051,989	14,633,384	7,908,743	22,542,127		
Northern Mariana Islands	0	0	0	0	2,070	3,466	0	0	0	0	2	32	5,570	5,570	0	5,570		
Ohio	22,940,948	28,850,521	17,289,457	69,080,926	7,524,362	82,609,790	8,504,345	0	1,079,689	100,045	11,467,995	416,486	111,702,712	180,783,638	43,237,976	224,021,614		
Oklahoma	2,028	8,887,119	1,258,521	10,147,668	3,172,677	10,571,215	3,998,824	0	13,267	0	434,649	1,196,383	19,387,015	29,534,683	3,893,579	33,428,262		
Oregon	0	1,636,917	3,266,700	4,903,617	1,360,508	8,053,351	2,706,229	5	226,067	2,523	6,204	238,256	12,593,144	17,496,761	1,356,089	18,852,850		
Pennsylvania	0	1,819	6,972,241	6,974,060	4,831,774	68,902,699	10,752,505	0	27,690	5	549,055	4,250,776	89,314,504	96,288,564	54,444,648	150,733,212		
Puerto Rico	0	0	1	1	598,347	4,046,638	14,707	0	0	0	0	10,411	4,670,104	4,670,105	534,729	5,204,834		
Rhode Island	0	0	0	0	78,061	118,211	8,048	0	0	0	0	1,366	205,686	205,686	227,370	433,056		
South Carolina	0	50,998	5,992,768	6,043,766	6,411,399	35,701,927	3,584,366	0	144,202	6,504	3,555,729	500,897	49,905,024	55,948,790	9,066,094	65,014,884		
South Dakota	0	0	3,292,934	3,292,934	632,056	928,365	2,107,808	2,944	0	0	17,460	34,165	3,722,799	7,015,732	627,822	7,643,554		
Tennessee	0	22,879	17,814,229	17,837,108	7,671,336	35,518,515	5,490,012	0	20,250	0	26,930,971	1,914,070	77,545,153	95,382,261	16,931,346	112,313,607		
Texas	61,507,267	3,412,481	21,678,530	86,598,279	23,833,392	45,265,379	15,129,805	5,904	7,669,508	57	4,205,387	1,251,181	97,360,613	183,958,891	23,148,775	207,107,666		
Utah	0	5,008,380	8,465,363	13,473,744	2,204,821	6,959,539	92,184	0	159,124	0	141,785,531	47,669,290	198,870,489	212,344,233	2,621,980	214,966,213		
Vermont	0	0	0	0	25,622	9,346	133,967	0	0	0	0	26,541	195,476	195,476	142,190	337,666		
Virgin Islands	0	0	0	0	131,466	463,937	193,004	0	155	0	6,111	794,673	794,673	23,153	817,826			
Virginia	0	22	2,270,117	2,270,139	3,725,007	30,785,020	20,428,208	0	3,838	0	1,381,525	505,757	56,829,356	59,099,494	5,724,732	64,824,226		
Washington	0	20,004	2,468,608	2,488,612	1,294,353	6,246,903	1,388,623											

11/19/09

**The 20 Counties with
Largest TRI On-site
and Off-site Disposal
or Other Releases,
2008**

County		State		Total Facilities Number				On-site Disposal or Other Releases												Total On-site Disposal or Other Releases Pounds
								On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases								
		Total Facilities Number	Total Forms Number	Form As 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			
Northwest Arctic	AK	2	16	1	0	0	0	0	279,560	4,098	1,546	0	0	0	219,889,807	297,028,550	517,203,561	517,203,561		
Salt Lake	UT	61	234	14	0	0	85,765	85,765	223,399	417,694	91,937	0	7,888	0	139,763,290	47,567,751	188,071,958	188,157,724		
Lander	NV	3	32	0	0	0	846	846	76,546	152,697	0	0	28	0	6,795,450	57,192,023	64,216,743	64,217,589		
Gila	AZ	6	46	0	0	0	11,726	11,726	259,852	354,233	1,277	0	0	0	1,614,397	49,466,925	51,696,683	51,708,409		
Elko	NV	6	55	0	0	0	40,724	40,724	76,372	29,935	0	0	0	0	44,254,474	6,909,557	51,270,338	51,311,061		
Juneau	AK	2	14	3	0	0	0	0	593	18,877	541	18,010,157	0	0	0	25,974,139	44,004,307	44,004,307		
Harris	TX	350	2,259	228	8,221,178	167,740	398	8,389,316	5,824,207	8,803,260	3,501,407	5,904	3,115	0	226,579	3,286	18,367,759	26,757,075		
Humboldt	NV	9	52	0	0	0	776,579	776,579	28,841	290,992	147	0	0	0	30,126,816	3,401,821	33,848,617	34,625,196		
Lake	IN	57	369	7	0	0	10,066,687	10,066,687	544,224	4,183,796	1,623,683	0	0	0	0	12,509	6,364,213	16,430,900		
Montgomery	IN	8	43	4	0	0	0	0	77,247	81,352	273	0	0	0	0	0	158,873	158,873		
De Kalb	IN	23	85	3	0	0	0	0	229,912	297,411	18	0	0	0	0	0	527,341	527,341		
Lucas	OH	51	297	20	0	28,565,210	646,403	29,211,613	411,297	1,510,541	69,289	0	0	0	0	19	1,991,147	31,202,760		
Wayne	MI	117	688	53	0	2,315,209	0	2,315,209	521,303	5,613,166	81,228	0	0	0	0	2,302	6,217,999	8,533,208		
Shoshone	ID	6	30	0	0	0	0	0	20,558	10,520	101,550	0	0	3,593,213	14,258,463	12,364,505	30,348,810	30,348,810		
Eureka	NV	4	43	0	0	0	74,998	74,998	33,581	13,724	0	0	18	0	23,259,621	5,237,338	28,544,282	28,619,280		
Jefferson	OH	8	65	0	0	0	42,564	42,564	64,953	11,592,077	212,545	0	220,546	0	1,522,542	50	13,612,713	13,655,277		
Harrison	MS	10	54	7	11,302,298	0	12,951,740	24,254,038	54,832	2,959,761	8,502	0	0	0	95,123	23	3,118,240	27,372,278		
Brazoria	TX	35	428	10	19,182,492	103,269	48,509	19,334,270	2,374,844	3,009,909	1,691,320	0	5	0	5,865	0	7,081,944	26,416,214		
Iron	MO	3	14	3	0	0	0	0	44,913	3,572	36,165	0	0	0	22,128,000	3,188,000	25,400,650	25,400,650		
Spencer	IN	4	31	0	0	0	3,137,928	3,137,928	1,045	3,043,304	18,038,494	0	0	0	554,084	55	21,636,982	24,774,910		

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 20 Counties with
Largest TRI On-site
and Off-site Disposal
or Other Releases,
2008

County		Off-site Disposal or Other Releases																	Total On-site and Off-site Disposal or Other Releases Pounds	
		Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases														Total Off-site Disposal or Other Releases 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	Waste Broker for Disposal Pounds	Unknown Pounds	Subtotal Pounds				
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	POTWs (Metals and Metal Category Compounds Only) Pounds												
Northwest Arctic	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	517,203,572
Salt Lake	UT	0	120,172	15,864	136,036	0	281,040	0	958	0	0	1,464	533,319	561	887	15	818,244	954,280	189,112,004	
Lander	NV	0	47	0	47	0	0	0	0	0	0	8	0	1,194	0	0	1,202	1,249	64,218,838	
Gila	AZ	0	231	0	231	0	11	0	6,894	0	0	0	930,820	4	0	0	937,728	937,959	52,646,368	
Elko	NV	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	1,252	51,312,313	
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,004,307	
Harris	TX	2,063,244	152,133	7,974,743	10,190,119	461,489	109,143	2,806	13,888	1,700	0	0	17,632	295,979	306,729	129,994	1,339,360	11,529,480	38,286,555	
Humboldt	NV	0	510	26	536	0	0	0	0	0	0	0	0	0	6	32	38	575	34,625,770	
Lake	IN	343	187,731	14,227,744	14,415,818	0	3,230,433	59,256	227	0	0	0	0	16,236	41	564	3,306,758	17,722,576	34,153,476	
Montgomery	IN	0	0	32,358,777	32,358,777	0	715,271	197,698	45	0	0	12,018	49	0	8,872	542	0	934,493	33,293,270	33,452,143
De Kalb	IN	15,151	31,439,627	267,764	31,722,542	0	60	2	87	0	0	0	0	881	104,064	22,898	127,993	31,850,535	32,377,876	
Lucas	OH	10	1,899	252,077	253,986	355	30,936	16,508	1,477	0	0	0	0	1,428	369,548	7,004	427,256	681,242	31,884,001	
Wayne	MI	97,959	253,765	21,586,046	21,937,770	2,251	411,801	110,167	9,107	0	0	0	1,811	27,842	60,825	19,487	35,401	678,693	22,616,463	
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,348,810	
Eureka	NV	0	840	0	840	0	0	0	0	0	0	0	0	542	0	0	542	1,382	28,620,662	
Jefferson	OH	0	11,863,964	2,657,100	14,521,064	0	0	0	0	0	0	0	0	0	261	0	261	14,521,325	28,176,603	
Harrison	MS	0	2,630	30	2,660	0	0	0	0	0	0	0	0	0	0	0	0	2,660	27,374,938	
Brazoria	TX	2,423	190,728	37,131	230,282	0	38,213	1,161	0	3,355	0	0	0	605	19,654	35,795	98,782	329,064	26,745,278	
Iron	MO	0	0	1,251,367	1,251,367	0	0	0	0	0	0	0	0	0	0	0	0	1,251,367	26,652,017	
Spencer	IN	0	0	1,067,656	1,067,656	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,072,316	25,847,226	

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

For more detailed information on this subject refer to 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 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, 2008

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 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									279,560		4,098		1,546		0		0		219,889,807		297,028,550		517,203,561		517,203,561										
Salt Lake	UT	61	234	14															223,399		417,694		91,937		0		7,888		0		139,763,290		47,567,751		188,071,958		188,157,724								
Lander	NV	3	32	0															76,546		152,697		0		0		28		0		6,795,450		57,192,023		64,216,743		64,217,589								
Gila	AZ	6	46	0															11,726		11,726		259,852		354,233		1,277		0		1,614,397		49,466,925		51,696,683		51,708,409								
Eiko	NV	6	55	0															40,724		40,724		76,372		29,935		0		0		44,254,474		6,909,557		51,270,338		51,311,061								
Juneau	AK	2	14	3															593		18,877		541		18,010,157		0		0		25,974,139		44,004,307		44,004,307										
Humboldt	NV	9	52	0															776,579		0		28,841		290,992		147		0		30,126,816		3,401,821		33,848,617		34,625,196								
Montgomery	IN	8	43	4															0		0		77,247		81,352		273		0		0		158,873		158,873										
De Kalb	IN	23	85	3															0		0		229,912		297,411		18		0		0		0		527,341		527,341								
Shoshone	ID	6	30	0															0		0		20,558		10,520		0		0		3,593,213		14,258,463		12,364,505		30,348,810								
Harris	TX	350	2,259	228															8,221,178		167,740		398		8,389,316		5,824,207		8,803,260		3,501,407		5,904		3,115		0		226,579		3,286		18,367,759		26,757,075
Wayne	MI	117	688	53															0		2,315,209		0		2,315,209		0		0		0		0		2,302		6,217,999		8,533,208						
Eureka	NV	4	43	0															74,998		74,998		33,581		13,724		0		0		18		0		23,259,621		5,237,338		28,544,282		28,619,280				
Jefferson	OH	8	65	0															0		42,564		42,564		64,953		11,592,077		212,545		0		220,546		1,522,542		50		13,612,713		13,655,277				
Iron	MO	3	14	3															0		0		44,913		3,572		36,165		0		0		22,128,000		3,188,000		25,400,650		25,400,650						
Beaver	PA	39	223	11															0		0		126,786		1,384,880		716,535		0		0		0		0		2,228,201		2,228,201						
Lake	IN	57	369	7															10,066,687		10,066,687		544,224		4,183,796		1,623,683		0		0		0		0		12,509		6,364,213		16,430,900				
Monroe	MI	17	90	6															152,411		152,411		24,784		17,117,544		29,878		0		0		5,438,095		60,237		22,670,539		22,822,949						
Spencer	IN	4	31	0															0		0		3,137,928		3,137,928		1,045		3,043,304		18,038,494		0		554,084		55		21,636,982		24,774,910				
Reynolds	MO	4	12	0															0		0		40,998		2,463		20,758		0		0		22,398,000		0		22,462,219		22,462,219						

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

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/program/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 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, 2008

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 On-site Disposal or Other Releases not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills Pounds
				Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases															
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	11	11						
Salt Lake	UT	0	120,172	15,864	136,036	0	281,040	0	958	0	1,464	533,319	561	887	15	818,244	954,280						
Lander	NV	0	47	0	47	0	0	0	0	0	8	0	1,194	0	1,202	64,218,932	64,217,992						
Gila	AZ	0	231	0	231	0	11	0	6,894	0	0	930,820	4	0	937,728	937,959	52,646,368						
Eiko	NV	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	51,312,313						
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,004,307						
Humboldt	NV	0	510	26	536	0	0	0	0	0	0	0	0	0	6	32	38						
Montgomery	IN	0	0	32,358,777	32,358,777	0	715,271	197,698	45	0	12,018	49	0	8,872	542	0	934,493						
De Kalb	IN	15,151	31,439,627	267,764	31,722,542	0	60	2	87	0	0	0	0	881	104,064	22,898	127,993						
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Harris	TX	2,063,244	152,133	7,974,743	10,190,119	461,489	109,143	2,806	13,888	1,700	0	0	17,632	295,979	306,729	129,994	1,339,360						
Wayne	MI	97,959	253,765	21,586,046	21,937,770	2,251	411,801	110,167	9,107	0	1,811	27,842	60,825	19,487	35,401	678,693	22,616,463						
Eureka	NV	0	840	0	840	0	0	0	0	0	0	0	0	542	0	542	1,382						
Jefferson	OH	0	11,863,964	2,657,100	14,521,064	0	0	0	0	0	0	0	0	0	261	0	261						
Iron	MO	0	0	1,251,367	1,251,367	0	0	0	0	0	0	0	0	0	0	0	0						
Beaver	PA	1,250	31,729	20,107,684	20,140,663	0	222,409	14,786	255	0	1,963,529	0	180	1,244	0	2,202,404							
Lake	IN	343	187,731	14,227,744	14,415,818	0	3,230,433	59,256	227	0	0	0	0	16,236	41	564							
Monroe	MI	0	0	56,025	56,025	0	1	25	573	0	0	0	0	0	10	0							
Spencer	IN	0	0	1,067,656	1,067,656	0	0	0	0	0	0	0	0	0	0	4,660							
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information).
For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at 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 (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, 2008

County		State		On-site Disposal or Other Releases																Total On-site Disposal or Other Releases Pounds
				On-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other On-site Disposal or Other Releases												
		Total Facilities Number	Total Forms Number	Form As Number	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	279,560	4,098	1,546	0	0	0	219,889,807	297,028,550	517,203,561	517,203,561		
Salt Lake	UT	61	234	14	0	0	85,765	85,765	223,399	417,694	91,937	0	7,888	0	139,763,290	47,567,751	188,071,958	188,157,724		
Lander	NV	3	32	0	0	0	846	846	76,546	152,697	0	0	28	0	6,795,450	57,192,023	64,216,743	64,217,589		
Gila	AZ	6	46	0	0	0	11,726	11,726	259,852	354,233	1,277	0	0	0	1,614,397	49,466,925	51,696,683	51,708,409		
Elko	NV	6	55	0	0	0	40,724	40,724	76,372	29,935	0	0	0	0	44,254,474	6,909,557	51,270,338	51,311,061		
Juneau	AK	2	14	3	0	0	0	0	593	18,877	541	18,010,157	0	0	0	25,974,139	44,004,307	44,004,307		
Humboldt	NV	9	52	0	0	0	776,579	776,579	28,841	290,992	147	0	0	0	30,126,816	3,401,821	33,848,617	34,625,196		
Lake	IN	57	369	7	0	0	10,066,687	10,066,687	544,224	4,183,796	1,623,683	0	0	0	0	12,509	6,364,213	16,430,900		
Montgomery	IN	8	43	4	0	0	0	0	77,247	81,352	273	0	0	0	0	0	158,873	158,873		
Eureka	NV	4	43	0	0	0	74,998	74,998	33,581	13,724	0	0	18	0	23,259,621	5,237,338	28,544,262	28,619,280		
Wayne	MI	117	688	53	0	2,315,209	0	2,315,209	521,303	5,613,166	81,228	0	0	0	0	2,302	6,217,999	8,533,208		
Harris	TX	350	2,259	228	8,221,178	167,740	398	8,389,316	5,824,207	8,803,260	3,501,407	5,904	3,115	0	226,579	3,286	18,367,759	26,757,075		
Shoshone	ID	6	30	0	0	0	0	0	20,558	10,520	101,550	0	0	3,593,213	14,258,463	12,364,505	30,348,810	30,348,810		
Iron	MO	3	14	3	0	0	0	0	44,913	3,572	36,165	0	0	0	22,128,000	3,188,000	25,400,650	25,400,650		
Spencer	IN	4	31	0	0	0	3,137,928	3,137,928	1,045	3,043,304	18,038,494	0	0	0	554,084	55	21,636,982	24,774,910		
Beaver	PA	39	223	11	0	0	0	0	126,786	1,384,880	716,535	0	0	0	0	0	2,228,201	2,228,201		
Armstrong	PA	5	29	0	0	0	1,136,447	1,136,447	14,391	22,268,571	18,783	0	0	0	0	0	22,301,745	23,438,192		
Monroe	MI	17	90	6	0	0	152,411	152,411	24,784	17,117,544	29,878	0	0	0	5,438,095	60,237	22,670,539	22,822,949		
Humphreys	TN	7	65	0	0	0	11,899,707	11,899,707	554,165	6,047,782	521,423	0	0	0	0	6	7,123,376	19,023,083		
Reynolds	MO	4	12	0	0	0	0	0	40,998	2,463	20,758	0	0	0	22,398,000	0	22,462,219	22,462,219		

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

For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/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 RCRA Subtitle C Surface Impoundments, 2008

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	11	11	11	517,203,572	517,203,572	
Salt Lake	UT	0	120,172	15,864	136,036	0	281,040	0	958	0	0	1,464	533,319	561	887	15	818,244	954,280	189,112,004	188,991,831		
Lander	NV	0	47	0	47	0	0	0	0	0	0	8	0	1,194	0	1,202	1,249	64,218,838	64,218,791			
Gila	AZ	0	231	0	231	0	11	0	6,894	0	0	0	930,820	4	0	0	937,728	937,959	52,646,368	52,646,137		
Elko	NV	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	1,252	51,312,313	51,311,061			
Juneau	AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,004,307	44,004,307			
Humboldt	NV	0	510	26	536	0	0	0	0	0	0	0	0	0	6	32	38	575	34,625,770	34,625,260		
Lake	IN	343	187,731	14,227,744	14,415,818	0	3,230,433	59,256	227	0	0	0	0	16,236	41	564	3,306,758	17,722,576	34,153,476	33,965,402		
Montgomery	IN	0	0	32,358,777	32,358,777	0	715,271	197,698	45	0	0	12,018	49	0	8,872	542	0	934,493	33,293,270	33,452,143		
Eureka	NV	0	840	0	840	0	0	0	0	0	0	0	0	542	0	0	542	1,382	28,620,662	28,619,822		
Wayne	MI	97,959	253,765	21,586,046	21,937,770	2,251	411,801	110,167	9,107	0	0	1,811	27,842	60,825	19,487	35,401	678,693	22,616,463	31,149,671	28,482,738		
Harris	TX	2,063,244	152,133	7,974,743	10,190,119	461,489	109,143	2,806	13,888	1,700	0	0	0	17,632	295,979	306,729	129,994	1,339,360	11,529,480	38,286,555		
Shoshone	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30,348,810	26,755,597		
Iron	MO	0	0	1,251,367	1,251,367	0	0	0	0	0	0	0	0	0	0	0	1,251,367	26,652,017	26,652,017			
Spencer	IN	0	0	1,067,656	1,067,656	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,072,316	25,847,226	25,847,226		
Beaver	PA	1,250	31,729	20,107,684	20,140,663	0	222,409	14,786	255	0	0	1,963,529	0	180	1,244	0	2,202,404	22,343,067	24,571,268	24,538,289		
Armstrong	PA	0	0	37	37	0	0	0	172	0	0	0	0	0	0	0	172	209	23,438,401	23,438,401		
Monroe	MI	0	0	56,025	56,025	0	1	25	573	0	0	0	0	0	10	0	609	56,633	22,879,583	22,879,583		
Humphreys	TN	0	257	0	257	0	0	0	0	0	0	0	3,494,135	0	82,492	0	3,576,628	3,576,885	22,599,967	22,599,711		
Reynolds	MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,462,219	22,462,219		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/tri/program/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, 2008

		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	
			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		Other Surface Impoundments Pounds	Other Land Disposal Pounds					Subtotal Pounds
				Surface Impoundments Pounds	Other Surface Impoundments Pounds																
Northwest Arctic	AK	2	0	0	0	0	279,560	4,098	1,546	0	0	0	219,889,807	297,028,550	517,203,561	517,203,561	11	517,203,572			
Salt Lake	UT	61	0	0	85,765	85,765	223,399	417,694	91,937	0	7,888	0	139,763,290	47,567,751	188,071,958	188,157,724	954,280	189,112,004			
Lander	NV	3	0	0	846	846	76,546	152,697	0	28	0	0	6,795,450	57,192,023	64,216,743	64,217,589	1,249	64,218,838			
Gila	AZ	6	0	0	11,726	11,726	259,852	354,233	1,277	0	0	0	1,614,397	49,466,925	51,696,683	51,708,409	937,959	52,646,368			
Elko	NV	6	0	0	40,724	40,724	76,372	29,935	0	0	0	0	44,254,474	6,909,557	51,270,338	51,311,061	1,252	51,312,313			
Juneau	AK	2	0	0	0	0	593	18,877	541	18,010,157	0	0	0	25,974,139	44,004,307	44,004,307	0	44,004,307			
Humboldt	NV	9	0	0	776,579	776,579	28,841	290,992	147	0	0	0	30,126,816	3,401,821	33,848,617	34,625,196	575	34,625,770			
Lucas	OH	51	0	28,565,210	646,403	29,211,613	411,297	1,510,541	69,289	0	0	0	0	0	19,199,147	31,202,760	681,242	31,884,001			
Shoshone	ID	6	0	0	0	0	20,558	10,520	101,550	0	0	3,593,213	14,258,463	12,364,505	30,348,810	30,348,810	0	30,348,810			
Eureka	NV	4	0	0	74,998	74,998	33,581	13,724	0	18	0	0	23,259,621	5,237,338	28,544,282	28,619,280	1,382	28,620,662			
Harrison	MS	10	11,302,298	0	12,951,740	24,254,038	54,832	2,959,761	8,502	0	0	0	95,123	23	3,118,240	27,372,278	2,660	27,374,938			
Harris	TX	350	8,221,178	167,740	398	8,389,316	5,824,207	8,803,260	3,501,407	5,904	3,115	0	226,579	3,286	18,367,759	26,757,075	11,529,480	38,286,555			
Brazoria	TX	35	19,182,492	103,269	48,509	19,334,270	2,374,844	3,009,909	1,691,320	0	5	0	5,865	0	7,081,944	26,416,214	329,064	26,745,278			
Iron	MO	3	0	0	0	0	44,913	3,572	36,165	0	0	0	22,128,000	3,188,000	25,400,650	25,400,650	1,251,367	26,652,017			
Spencer	IN	4	0	0	3,137,928	3,137,928	1,045	3,043,304	18,038,494	0	0	0	554,084	55	21,636,982	24,774,910	1,072,316	25,847,226			
Escambia	FL	16	18,529,735	0	1,049,549	19,579,284	767,912	3,893,533	129,345	0	0	0	13,048	3,014	4,806,851	24,386,136	142,351	24,528,487			
Armstrong	PA	5	0	0	1,136,447	1,136,447	14,391	22,268,571	18,783	0	0	0	0	0	22,301,745	23,438,192	209	23,438,401			
Monroe	MI	17	0	0	152,411	152,411	24,784	17,117,544	29,878	0	0	0	5,438,095	60,237	22,670,539	22,822,949	56,633	22,879,583			
Reynolds	MO	4	0	0	0	0	40,998	2,463	20,758	0	0	0	22,398,000	0	22,462,219	22,462,219	0	22,462,219			
Owyhee	ID	3	0	21,952,687	0	21,952,687	332	4,353	0	0	0	0	0	0	4,685	21,957,372	65,439	22,022,811			

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

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008

On-site Disposal or Other Releases					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 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	RCRA Subtitle C			Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds	
													Treatment Pounds	Surface Impoundments Pounds	Other Land Disposal Pounds					
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	276,176	491	1,538	0	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562	
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	18	0	85,015	85,015	85,015	5,657	8,311	4,245	0	7,888	0	0	118,785,247	47,545,298	166,356,645	166,441,660	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	13	13	13	788	3,289	0	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,061	
Barick Goldstrike Mines Inc	Elko	NV	2122	26	0	6,660	6,660	6,660	30,831	28,014	0	0	0	0	0	43,050,644	5,747,050	48,856,539	48,853,199	
Hecia Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	0	0	25,974,105	44,003,848	44,003,848	
Nucor Steel	Crawfordsville	IN	331	12	0	0	0	0	7,158	7,817	250	0	0	0	0	0	15,225	15,225		
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	4,036	4,036	4,036	9,210	77,878	147	0	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185	
Butler Dynamics Inc	Butler	IN	331	19	0	0	0	0	1,004	19,255	5	0	0	0	0	0	20,264	20,264		
Enviroserve Services of Ohio Inc	Oregon	OH	562	11	0	28,565,210	28,565,210	28,565,210	474	50	0	0	0	0	0	0	524	28,565,734		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	2,312	2,312	2,312	17,658	1,827	0	0	18	0	0	23,259,100	3,551,400	26,830,004	26,832,316	
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224	
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	11,726	11,726	11,726	96,325	211,024	1,277	0	0	0	0	24,997,597	25,304,946	25,316,672		
Friesport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	0	281,400	23,785,702	24,366,885	24,366,885	
DuPont Delisle Plant	Pass Christian	MS	325	22	11,302,298	0	12,187,103	23,489,401	4,073	801,535	2,504	0	0	0	0	0	23	808,135	24,297,536	
US Ecology Idaho Inc	Grand View	ID	562	28	0	21,952,687	21,952,687	21,952,687	332	4,353	0	0	0	0	0	0	4,685	21,957,372		
RRI Energy Inc Keystone Power Plant	Shelocla	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	0	20,590,322	21,569,189		
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	0	20,974,708	3,970	21,090,516	21,090,516	
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	26,326	700,144	1,838	0	0	0	0	0	728,308	728,308		
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	0	19,663,812	19,663,812		
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	5,225	5,225	5,225	14,691,263	28,627	0	0	0	0	0	5,422,457	0	20,147,573	20,147,573	
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	0	18,350,416	19,270,591	19,270,591		
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	0	18,039,350	18,039,350	
Butte	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612	
Solutia Inc	Cantonment	FL	325	24	18,368,478	0	18,368,478	18,368,478	19,056	100,168	0	0	0	0	0	0	119,225	18,487,703	18,487,703	
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295	
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	0	385,854	55	15,378,047	15,378,047	
Pecora Disposal Co #1	Pecora	IL	562	14	0	15,499,390	15,499,390	15,499,390	2	0	6	0	0	0	0	0	6	15,499,396		
Solutia Inc	Alvin	TX	325	33	15,759,503	82,287	0	15,841,790	43,076	124,187	8,935	0	0	0	0	0	176,198	16,017,988		
Chemical Waste Management Inc	Kettleman City	CA	562	39	0	15,936,989	15,936,989	15,936,989	12,399	82	0	0	0	51	0	0	12,531	15,956,551		
Cylex Industries Inc Fortier Plant	Westwego	LA	325	21	15,393,784	0	0	15,393,784	5,686	238,191	27,018	0	0	0	0	0	270,895	15,664,679		
Monsanto Luling	Luling	LA	325	17	15,026,700	0	0	15,026,700	6,594	89,750	180,480	0	5,390	0	0	3,160,234	0	282,214	15,308,914	
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	0	0	15,279,205	15,279,205		
US Army Radford Army Ammunition Plant	Radford	VA	14	0	0	0	0	0	28,554	262,476	14,008,765	0	0	0	0	0	14,300,255	14,300,255		
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	25	25	25	1,338	0	9	0	0	0	0	1,009,400	13,102,825	14,113,572	14,113,597	
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	1,485,630	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	0	615	0	11,971,799	13,457,429	
Cyrus Totonco Corp	Casa Grande	AZ	2122	2	0	13,394,000	13,394,000	13,394,000	257	0	0	0	0	0	0	0	257	13,394,257		
USS Gary Works	Gary	IN	331	46	0	10,066,687	10,066,687	10,066,687	348,558	262,941	1,355,801	0	0	0	0	0	1,967,300	12,033,987		
Vickery Environmental Inc.	Vickery	OH	562	23	12,311,678	0	0	12,311,678	0	0	0	0	0	0	0	0	0	12,311,678		
Colstrip Steam Electric Station	Colstrip	MT	2211	23	0	11,502,840	11,502,840	11,502,840	218	293,746	0	0	0	0	0	0	293,964	11,796,804		
Severstal Wheeling Inc	Mingo Junction	OH	331	12	0	0	0	0	12,768	9,126	5,400	0	0	0	0	0	27,294	27,294		
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	23	11,609,478	0	0	11,609,478	96,792	64,363	1,378	0	0	0	0	0	162,533	11,772,011		
SSAB Alabama Inc	Axis	AL	331	8	0	0	0	0	0	17,083	42	0	0	0	0	0	17,125	17,125		
Doe Run Co Herculanum Smelter	Herculanum	MO	331	10	0	3,273	3,273	3,273	41,829	696	996	0	0	0	0	11,670,878	11,716,676	11,716,676		
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	0	2,253,254	0	11,599,089	11,599,089	
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	833	833	833	22,724	1,718	0	28	0	0	0	1,971,282	9,099,200	11,094,951	11,095,784	
ArcelorMittal USA Inc	East Chicago	IN	331	26	0	0	0	0	9,844	132,351	87,217	0	0	0	0	0	229,412	229,412		
W H Sammis Plant	Stratton	OH	2211	22	0	0	0	0	49,975	8,167,370	10,086	0	0	0	0	0	8,227,432	8,227,432		
Ineos USA LLC	Lima	OH	325	35	10,629,270	0	0	10,629,270	24,561	111,926	0	0	0	0	0	0	136,487	10,765,757		
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	30,914	123,153	138,544	0	0	33,700	10,220,141	0	10,546,452	10,546,452		
Pend Oreille Mine	Metzlane Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	0	0	10,538,588	10,542,313		

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 (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 (M82 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 (M89), Transfers to Waste Broker - Disposal (M84, M91), and Unknown (M89) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008

					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																
Facility	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other Landfills Pounds	Subtotal Pounds	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Pounds															Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
					Storage 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	11	11	11	517,196,573		
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	185	0	0	0	0	0	0	0	45	0	0	230	230	166,441,890		
Newmont Mining Corp Copper Canyon Facility	0	47	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	47	52,921,128		
Barrick Goldstrike Mines Inc	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	48,864,451		
Hecia Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,003,848		
Nucor Steel	0	0	32,358,449	32,358,449	0	715,188	197,686	0	0	0	0	0	0	8,839	357	0	922,070	33,280,519	33,295,744		
Newmont Mining Corp Twin Creeks Mine	0	510	0	510	0	0	0	0	0	0	0	0	0	0	510	0	0	510	12,274,695		
Steel Dynamics Inc	15,151	31,439,623	167	31,454,941	0	0	0	18	0	0	0	0	0	523	98,017	22,898	121,456	31,576,397	31,596,661		
Enviroserve Services of Ohio Inc	10	267	0	277	0	0	129	0	0	0	0	0	0	0	0	0	129	28,566,140	28,566,140		
Newmont Mining Corp - Carlin South Area	0	840	0	840	0	0	0	0	0	0	0	0	542	0	0	0	542	1,382	26,833,697		
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35,371,224		
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	231	0	231	0	0	0	10	0	0	0	0	0	0	0	0	10	241	25,316,913		
Freeport-McMoran Miami Inc	0	0	0	0	11	0	6,884	0	0	0	0	0	930,820	0	0	0	937,715	937,715	25,304,600		
DuPont Delisle Plant	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	30	24,297,566	24,297,566		
US Ecology Idaho Inc	0	63,500	0	63,500	0	0	0	0	0	0	0	0	0	0	0	0	63,500	22,020,872	22,020,872		
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,569,189		
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	280,828	0	0	0	0	0	0	0	0	0	0	280,828	280,828	21,371,344		
Horsehead Corp Monaca Smelter	0	0	19,780,443	19,780,443	0	65,168	0	0	0	0	0	0	0	0	0	0	65,168	19,845,611	20,573,919		
Brandon Shores & Wagner Complex	0	616	779,982	780,598	0	0	42	144	0	0	0	0	0	0	0	0	187	780,785	20,444,397		
Detroit Edison Monroe Power Plant	0	0	12	12	0	0	1	0	0	0	0	0	0	0	0	0	1	13	20,147,586		
Nyrstar Clarksville Inc	0	0	0	0	0	15,021	0	0	0	0	0	0	0	0	0	15,021	15,021	19,285,612	19,285,612		
AK Steel Corp. (Rockport Works)	0	0	1,063,358	1,063,358	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,068,018	19,107,388		
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,897,512		
Solutia Inc	0	229	293	522	0	0	0	0	0	0	0	0	3	0	0	0	3	525	18,488,228		
Hecia Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,445,296		
American Electric Power Amos Plant	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857		
Pecora Disposal Co #1	0	0	957,601	957,601	0	0	0	62	0	0	0	0	0	0	0	62	957,663	16,457,061	16,457,061		
Solutia Inc	0	0	0	0	0	0	159	0	0	0	0	0	0	0	0	0	159	16,017,988	16,017,988		
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	9,744	0	0	9,903	15,966,454	15,966,454			
Cytac Industries Inc Fortier Plant	0	0	801	801	0	0	0	0	0	0	0	0	0	0	0	0	801	15,665,480	15,665,480		
Monsanto Luling	0	0	1,200	1,200	0	0	0	0	0	0	0	0	0	0	0	0	1,200	15,310,114	15,310,114		
Bowen Steam Electric Generating Plant	0	0	200	200	0	69	0	0	0	0	0	0	0	0	0	0	69	25,279,475	25,279,475		
US Army Radford Army Ammunition Plant	0	85	291	376	0	4,870	0	0	0	0	0	0	0	22	7,940	41	12,873	13,249	14,313,504		
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,113,597		
Florida Power Corp Crystal River Energy Complex	0	0	10	10	0	0	0	0	0	0	0	0	0	117	0	0	117	127	13,457,556		
Cypress Toluene Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,394,257		
USS Gary Works	343	23,338	2,304	25,985	0	576,106	29	0	0	0	0	0	7,519	0	0	583,654	609,639	12,643,626	12,643,626		
Vickery Environmental Inc.	0	38,572	0	38,572	0	0	0	0	0	0	0	0	0	0	0	0	0	38,572	12,350,250		
Colstrip Steam Electric Station	0	59	0	59	0	0	0	0	0	0	0	0	178,440	10	0	178,450	178,509	11,975,313			
Severstal Wheeling Inc	0	11,863,964	50,074	11,914,038	0	0	0	0	0	0	0	0	0	170	0	170	11,914,208	11,914,208	11,914,208		
Ineos USA LLC Green Lake Plant	0	0	0	0	0	6,790	0	0	0	0	0	0	0	0	0	6,790	6,790	11,778,801	11,778,801		
SSAB Alabama Inc	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	0	11,243,058	11,243,058	11,243,058	11,243,058		
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,230	0	0	0	0	0	0	0	1,395	1,395	11,718,072	11,718,072		
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	26	26	11,599,115	11,599,115		
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	8	1,194	0	0	1,202	1,202	11,096,986	11,096,986		
ArcelorMittal USA Inc	0	1,612	8,174,296	8,175,908	0	2,635,402	0	0	0	0	0	0	0	0	0	2,635,402	10,811,310	11,040,722	10,811,310		
W H Sammis Plant	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329	10,813,329		
Ineos USA LLC	0	84	907	991	0	352	0	0	0	0	0	0	0	0	0	352	1,343	10,767,100	10,767,100		
Tronox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,546,452		
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	503	0	503	503	10,542,818	10,542,818		

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 Toxic 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 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2008

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	276,176	491	1,538	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562	
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	18	0	0	85,015	85,015	5,657	8,311	4,245	0	7,888	0	118,785,247	47,545,298	166,356,645	166,441,660	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	0	13	13	788	3,289	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,061	
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	30,831	28,014	0	0	0	0	43,050,644	5,747,050	48,856,539	48,863,199	
Hecia Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	0	25,974,105	44,003,848	44,003,848	
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	4,036	4,036	9,210	77,878	147	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185	
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	0	2,312	2,312	17,658	1,827	0	0	0	0	23,259,100	3,551,400	26,830,004	26,832,316	
Buck Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224	
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	11,726	11,726	96,325	211,024	0	0	0	0	24,997,597	25,304,946	25,316,672	25,316,672	
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	281,400	23,785,702	24,366,885	24,366,885	
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	20,974,708	3,970	21,090,516	21,090,516	
RRI Energy Inc Keystone Power Plant	Shelbota	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	0	20,590,322	21,569,189	
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	5,225	14,691,263	28,627	0	0	0	5,422,457	0	20,147,573	20,147,573	
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	0	19,663,812	19,663,812	
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	18,350,416	0	19,270,591	19,270,591	
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612	
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295	
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	18,039,350	18,039,350	
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	385,854	55	15,378,047	15,378,047	
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	3,160,234	0	15,279,205	15,279,205	
US Army Radford Army Ammunition Plant	Radford	VA	2122	14	0	0	0	0	28,554	262,476	14,008,765	0	0	0	0	460	14,300,255	14,300,255	
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	1,338	0	9	0	0	0	1,009,400	13,102,825	14,113,572	14,113,597	
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	0	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	615	0	11,971,799	13,457,429	
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	3,273	41,829	696	0	0	0	0	11,670,878	11,716,676	11,716,676	
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	2,253,254	0	11,599,089	11,599,089	
SSAB Alabama Inc	Axis	AL	331	8	0	0	0	0	0	17,083	42	0	0	0	0	0	17,125	17,125	
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	0	833	833	22,724	1,718	0	0	28	0	1,971,282	9,099,200	11,094,951	11,095,784	
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	30,914	123,153	138,544	0	0	33,700	10,546,452	0	10,546,452	10,546,452	
Pend Oreille Mine	Metalline Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	10,538,588	0	10,542,313	10,542,313	
American Electric Power Muskingum River Plant	Beverly	OH	2211	19	0	0	0	0	315	8,843,923	8,742	0	125,505	0	1,221,753	50	10,200,288	10,200,288	
Brushy Creek Mine/Mill	Bunker	MO	2122	3	0	0	0	0	7,560	0	7,269	0	0	0	9,534,000	0	9,548,829	9,548,829	
US TVA Kingston Fossil Plant	Harriman	TN	2211	20	0	0	0	0	17,430	4,154,942	2,765,700	0	0	0	2,007,217	401,920	9,347,208	9,347,208	
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	21,055	7,124,387	237,650	0	0	0	1,828,262	0	9,211,355	9,211,355	
Fletcher Mine/Mill	Centerville	MO	2122	3	0	0	0	0	9,566	251	7,513	0	0	0	8,818,000	0	8,835,330	8,835,330	
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	19	0	0	0	0	84,129	526	57,525	0	0	0	7,455,550	964,070	8,561,525	8,561,525	
Wansley Steam Electric Generating Plant	Carrollton	GA	2211	21	0	0	0	0	53,000	5,705,977	9,854	0	0	0	2,763,193	0	8,532,024	8,532,024	
Montana Tunnels Mining Inc	Jefferson City	MT	2122	8	0	0	857,688	857,688	9,352	2	0	0	0	0	8,503,863	0	8,513,217	9,370,905	
Kentucky Utilities Co Ghent Station	Ghent	KY	2211	21	0	0	0	0	8,256	5,921,963	63,306	0	0	0	2,511,381	0	8,504,906	8,504,906	
Gaston Steam Plant	Wilsonville	AL	2211	22	0	0	0	0	10,000	5,646,601	17,940	0	0	0	2,729,937	0	8,404,478	8,404,478	
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	10	0	0	0	0	358	4,709	141	0	0	0	0	0	5,209	5,209	
Morgantown Generating Station	Newburg	MD	2211	18	0	0	0	0	1,844	7,366,551	491	0	0	0	0	0	7,368,886	7,368,886	
U.S. TVA Allen Fossil Plant	Memphis	TN	2211	16	0	0	0	0	24,277	557,966	19,270	0	0	0	769,209	0	1,370,722	1,370,722	
W H Sammis Plant	Stratton	OH	2211	22	0	0	0	0	49,975	8,167,370	10,086	0	0	0	0	0	8,227,432	8,227,432	
CF Industries Inc	Donaldsonville	LA	325	12	0	0	0	0	339,151	6,153,535	1,112,286	0	0	0	0	0	7,604,972	7,604,972	
U.S. TVA Johnsville Fossil Plant	New Johnsville	TN	2211	17	0	0	0	0	7,204	4,013,876	32,269	0	0	0	0	6	4,053,355	4,053,355	
JM Stuart Station	Manchester	OH	2211	20	0	0	0	0	157	4,830,411	18,449	0	0	100,045	2,429,550	0	7,378,612	7,378,612	
SSAB Iowa Inc	Muscatine	IA	331	10	0	0	0	0	0	5,640	13	0	0	0	0	0	5,653	5,653	
Freeport McMoran Tyrone Inc	Tyrone	NM	2122	6	0	0	0	0	16,037	0	0	0	0	0	0	7,182,900	7,198,937	7,198,937	
Tyson Fresh Meats Inc Joslin II	Hillsdale	IL	311	7	0	0	0	0	23,135	18,435	6,572,480	0	37,025	0	0	0	6,651,075	6,651,075	
Hatfield Power Station	Masontown	PA	2211	17	0	0	476,865	476,865	3,237	6,697,905	1,199	0	0	0	0	0	6,702,341	7,179,206	

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 50 Facilities with Largest Total Disposal or Other Releases, not including Class I Underground Injection Wells, RCRA Subtitle C Landfills and Other Landfills, 2008

Facility	Off-site Disposal to Class I Underground Injection				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
					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	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	11	11	517,196,573	517,196,573				
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	185	0	0	0	0	0	0	45	0	0	230	166,441,890	166,356,875				
Newmont Mining Corp Copper Canyon Facility	0	47	0	47	0	0	0	0	0	0	0	0	0	0	0	47	52,921,128	52,921,068				
Barrick Goldstrike Mines Inc	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	1,252	48,864,451	48,856,539				
Hecia Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,003,848	44,003,848				
Newmont Mining Corp Twin Creeks Mine	0	510	0	510	0	0	0	0	0	0	0	0	0	0	0	510	32,274,695	32,270,149				
Newmont Mining Corp - Carlin South Area	0	840	0	840	0	0	0	0	0	0	0	0	542	0	542	1,382	26,833,697	26,830,546				
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,371,224	25,371,224				
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	231	0	231	0	0	10	0	0	0	0	0	0	0	10	241	25,316,913	25,304,956				
Freeport-McMoran Miami Inc	0	0	0	0	0	11	0	6,884	0	0	0	930,820	0	0	937,715	937,715	25,304,600	25,304,600				
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	280,828	0	0	0	0	0	0	0	0	0	280,828	21,371,344	21,371,344				
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,569,189	20,590,322				
Detroit Edison Monroe Power Plant	0	0	12	12	0	1	0	0	0	0	0	0	0	0	1	13	20,147,585	20,147,573				
Brandon Shores & Wagner Complex	0	616	779,982	780,598	0	0	42	144	0	0	0	0	0	1	187	780,785	20,444,597	19,663,999				
Nyrstar Clarksville Inc	0	0	0	0	0	15,021	0	0	0	0	0	0	0	0	15,021	15,021	19,285,612	19,285,612				
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,897,612	18,897,612				
Hecia Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,445,295	18,445,295				
AK Steel Corp. (Rockport Works)	0	0	1,063,358	1,063,358	0	0	0	0	0	0	0	0	0	4,660	4,660	1,068,018	19,107,368	18,044,010				
American Electric Power Amos Plant	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857	15,378,047				
Bowen Steam Electric Generating Plant	0	0	200	200	0	69	0	0	0	0	0	0	0	0	69	270	15,279,475	15,279,275				
US Army Radford Army Ammunition Plant	0	85	291	376	0	4,870	0	0	0	0	0	22	7,940	41	12,873	13,249	14,313,504	14,313,128				
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,113,597	14,113,572				
Florida Power Corp Crystal River Energy Complex	0	0	0	0	0	10	0	0	0	0	0	117	0	117	127	13,457,556	11,971,916	11,971,916				
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,230	0	0	0	0	0	1,395	1,395	11,718,072	11,718,072	11,718,072				
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	26	0	26	26	11,599,115	11,599,115				
SSAB Alabama Inc	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	11,243,058	11,722,923	11,740,048	11,260,183				
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	8	0	1,194	0	1,202	1,202	11,096,986	11,096,153				
Trionox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,546,452	10,546,452				
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	503	0	503	503	10,542,816	10,542,816	10,542,816				
American Electric Power Muskingum River Plant	0	0	4,987	4,987	0	0	0	0	0	0	0	0	0	0	4,987	10,205,274	10,200,288	10,200,288				
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,548,829	9,548,829				
US TVA Kingston Fossil Plant	0	6	0	6	0	0	0	0	0	0	0	40,832	0	0	40,832	40,838	9,388,046	9,388,040				
US TVA Paradise Fossil Plant	0	304	0	304	0	0	0	0	0	0	0	0	5	1	6	310	9,211,664	9,211,360				
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,835,330	8,835,330				
Freeport-McMoran Morenci Inc	0	2,944	0	2,944	0	0	0	0	0	0	0	0	0	0	66,295	66,295	8,627,820	8,627,820				
Wansley Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,532,024	8,532,024				
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,370,905	8,513,217				
Kentucky Utilities Co Ghent Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,504,906	8,504,906				
Gaston Steam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,404,478	8,404,478				
Nucor Steel Tuscaloosa Inc	0	0	328,631	328,631	0	8,381,748	37	0	0	0	0	0	0	0	8,381,785	8,710,415	8,715,624	8,386,993				
Morgantown Generating Station	0	0	0	0	946,707	0	0	0	0	0	0	1,476	0	948,183	948,183	8,317,069	8,317,069					
U.S. TVA Allen Fossil Plant	0	264	4,311	4,575	0	0	0	0	0	0	0	6,864,488	0	12	6,864,499	6,869,074	8,239,796	8,235,221				
W H Sammis Plant	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329	8,227,432	8,227,432				
CF Industries Inc	0	0	6,316	6,316	0	0	0	0	0	0	0	0	0	0	6,316	7,611,288	7,604,972	7,604,972				
U.S. TVA Johnsonville Fossil Plant	0	257	0	257	0	0	0	0	0	0	0	3,494,135	0	0	3,494,136	3,494,393	7,547,748	7,547,491				
JM Stuart Station	0	0	113	113	0	0	0	0	0	0	0	0	0	0	113	7,378,725	7,378,612	7,378,612				
SSAB Iowa Inc	0	0	580,410	580,410	0	7,235,148	0	0	0	0	0	0	0	0	7,235,148	7,815,558	7,821,211	7,240,801				
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	250	250	7,199,187	7,199,187	7,199,187				
Tyson Fresh Meats Inc Joslin II	0	0	29,570	29,570	0	0	0	0	0	0	65,745	0	15,550	0	81,295	110,865	6,761,940	6,732,370				
Hatfield Power Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,179,206	6,702,341	6,702,341			

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/nri/nriprogram/factorsToConsiderPDF.pdf.

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

11/19/09

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, 2008

Facility	City	State	NAICS Code	Total Forms Number	On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds	
					On-site Disposal to Class I Underground Injection Wells, RCRA				Other On-site Disposal or Other Releases											
					Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	RCRA Subtitle C Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds			
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	276,176	491	1,538	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562		
Kennecott Utah Copper Mine Concentrators & Power Plant	Copptertown	UT	2122	18	0	0	85,015	85,015	5,657	8,311	4,245	0	7,888	0	118,785,247	47,545,298	166,356,645	166,441,660		
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	0	13	13	788	3,289	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,081		
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	0	6,660	6,660	30,831	28,014	0	0	0	0	43,050,644	5,747,055	48,856,539	48,863,199		
Hecia Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	25,974,105	44,003,848	44,003,848	44,003,848		
Nucor Steel	Crawfordsville	IN	331	12	0	0	0	0	7,158	7,817	250	0	0	0	0	15,225	15,225	15,225		
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	0	4,036	4,036	9,210	77,878	147	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	0	2,312	2,312	17,658	1,827	0	0	18	0	23,259,100	3,551,400	26,830,004	26,832,316		
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224		
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	0	11,726	11,726	96,325	211,024	0	0	0	0	0	24,997,597	25,304,946	25,316,672		
Fresport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	281,400	23,785,702	24,366,885	24,366,885		
RRI Energy Inc Keystone Power Plant	Shellecta	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	20,590,322	21,569,189	21,569,189		
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	20,974,708	3,970	21,090,516	21,090,516		
Horsehead Corp Monaca Smelter	Monaca	PA	331	14	0	0	0	0	26,326	700,144	1,838	0	0	0	0	728,308	728,308	728,308		
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	19,663,812	19,663,812	19,663,812		
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	5,225	14,691,263	28,627	0	0	0	5,422,457	0	20,147,573	20,147,573		
Nystar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	18,350,416	0	19,270,591	19,270,591		
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	18,039,350	18,039,350		
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612		
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295		
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	385,854	55	15,378,047	15,378,047		
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	3,160,234	0	15,279,205	15,279,205		
US Army Radford Army Ammunition Plant	Radford	VA	2122	14	0	0	0	0	28,554	262,476	14,008,765	0	0	0	0	460	14,300,255	14,300,255		
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	0	25	25	1,338	0	9	0	0	0	1,009,400	13,102,825	14,113,597	14,113,597		
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	0	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	615	0	11,971,799	13,457,429		
Cyprus Tohono Corp	Casa Grande	AZ	2122	2	0	0	13,394,000	13,394,000	257	0	0	0	0	0	0	0	257	13,394,257		
DuPont Delisle Plant	Pass Christian	MS	325	22	11,302,298	0	12,187,103	23,489,401	4,073	801,535	2,504	0	0	0	23	808,135	24,297,536	24,297,536		
USS Gary Works	Gary	IN	331	46	0	0	10,066,687	10,066,687	348,558	262,941	1,355,801	0	0	0	0	1,967,300	12,033,987	12,033,987		
Colstrip Steam Electric Station	Colstrip	MT	2211	23	0	0	11,502,840	11,502,840	218	293,746	0	0	0	0	0	293,964	11,796,804	11,796,804		
SSAB Alabama Inc	Avis	AL	331	8	0	0	0	0	0	17,083	42	0	0	0	0	17,125	17,125	17,125		
Doe Run Co Herculaneum Smelter	Herculaneum	MO	331	10	0	0	0	0	3,273	41,829	696	0	0	0	0	11,670,878	11,716,676	11,716,676		
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	2,253,254	0	11,599,089	11,599,089		
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	0	833	833	22,724	1,718	0	0	28	0	1,971,282	9,099,200	11,094,951	11,095,784		
ArcelorMittal USA Inc	East Chicago	IN	331	26	0	0	0	0	9,844	132,351	87,217	0	0	0	0	229,412	229,412	229,412		
W H Sammis Plant	Stratton	OH	2211	22	0	0	0	0	49,975	8,167,370	10,086	0	0	0	0	8,227,432	8,227,432	8,227,432		
Pend Oreille Mine	Metalline Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	10,538,588	0	10,542,313	10,542,313		
Tronox LLC	Hamilton	MS	325	16	0	0	0	0	30,914	123,153	138,544	0	0	33,700	10,220,141	0	10,546,452	10,546,452		
American Electric Power Muskingum River Plant	Beverly	OH	2211	19	0	0	0	0	315	8,843,923	8,742	0	125,505	0	1,221,753	50	10,200,288	10,200,288		
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	0	8,620,827	8,620,827	1,902	1,495,039	4,287	0	0	0	0	1,501,228	10,122,055	10,122,055		
Brushy Creek Mine/Mill	Bunker	MO	2122	3	0	0	0	0	7,560	0	7,269	0	0	0	9,534,000	0	9,548,829	9,548,829		
US Steel Corp Great Lakes Works	Ecorse	MI	331	20	0	0	0	0	43,781	203,938	69,840	0	0	0	0	317,559	317,559	317,559		
US TVA Kingston Fossil Plant	Harriaman	TN	2211	20	0	0	0	0	17,430	4,154,942	2,765,700	0	0	0	2,007,217	401,920	9,347,208	9,347,208		
Montana Tunnels Mining Inc	Jefferson City	MT	2122	8	0	0	857,688	857,688	9,352	2	0	0	0	0	8,503,863	0	8,513,217	9,370,905		
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	21,055	7,124,387	237,650	0	0	0	1,828,262	0	9,211,355	9,211,355		
Fletcher Mine/Mill	Centerville	MO	2122	3	0	0	0	0	9,566	251	7,513	0	0	0	8,818,000	0	8,835,330	8,835,330		
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	10	0	0	0	0	358	4,709	141	0	0	0	0	5,209	5,209	5,209		
Fresport-McMoran Morenci Inc	Morenci	AZ	2122	19	0	0	0	0	84,129	526	57,250	0	0	0	7,455,550	964,070	8,561,525	8,561,525		
Wansley Steam Electric Generating Plant	Carrollton	GA	2211	21	0	0	0	0	53,000	5,705,977	9,854	0	0	0	2,763,193	0	8,532,024	8,532,024		
Kentucky Utilities Co Ghent Station	Ghent	KY	2211	21	0	0	0	0	8,256	5,921,963	63,906	0	0	0	2,511,381	0	8,504,906	8,504,906		
Gaston Steam Plant	Wilsonville	AL	2211	22	0	0	0	0	10,000	5,646,601	17,940	0	0	0	2,729,937	0	8,404,478	8,404,478		

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/triprgram/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, M68), 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, 2008

Facility	Off-site Disposal to Class I Underground Injection				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 rcr Subtitle C Surface Impoundments Pounds
	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	11	11	517,196,573	517,196,573	
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	185	0	0	0	0	0	0	0	0	45	0	230	230	166,441,890	166,441,890	
Newmont Mining Corp Copper Canyon Facility	0	47	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	47	52,921,128	52,921,081	
Barrick Goldstrike Mines Inc	0	1,252	0	1,252	0	0	0	0	0	0	0	0	0	0	0	0	0	1,252	48,864,451	48,863,199	
Hecia Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44,003,848	44,003,848	
Nucor Steel	0	0	32,358,449	32,358,449	0	715,188	197,686	0	0	0	0	0	0	8,839	357	0	922,070	33,280,519	33,295,744	33,294,744	
Newmont Mining Corp Twin Creeks Mine	0	510	0	510	0	0	0	0	0	0	0	0	0	0	0	0	0	510	32,274,695	32,274,185	
Newmont Mining Corp - Carlin South Area	0	840	0	840	0	0	0	0	0	0	0	0	0	542	0	0	542	1,382	26,832,697	26,832,858	
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,371,224	25,371,224	
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	231	0	231	0	0	0	10	0	0	0	0	0	0	0	0	10	241	25,316,913	25,316,682	
Fresport-McMoran Miami Inc	0	0	0	0	0	11	0	6,884	0	0	0	0	930,820	0	0	0	937,715	25,304,600	25,304,600		
RRJ Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,569,189	21,569,189		
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	280,828	0	0	0	0	0	0	0	0	0	0	280,828	280,828	21,371,344	21,371,344	
Horsehead Corp Monaca Smelter	0	0	19,780,443	19,780,443	0	65,168	0	0	0	0	0	0	0	0	0	0	65,168	19,845,611	20,573,919	20,573,919	
Brandon Shores & Wagner Complex	0	616	779,982	780,598	0	0	42	144	0	0	0	0	0	0	0	1	187	780,785	20,444,597	20,443,981	
Detroit Edison Monroe Power Plant	0	0	12	12	0	1	0	0	0	0	0	0	0	0	0	0	13	20,147,585	20,147,585	20,147,585	
Nyrstar Clarksville Inc	0	0	0	0	0	15,021	0	0	0	0	0	0	0	0	0	0	15,021	19,285,612	19,285,612	19,285,612	
AK Steel Corp. (Rockport Works)	0	0	1,063,358	1,063,358	0	0	0	0	0	0	0	0	0	0	0	4,660	4,660	1,068,018	19,107,368	19,107,368	
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,897,612	18,897,612	18,897,612	18,897,612	
Hecia Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,445,295	18,445,295	18,445,295	
American Electric Power Amos Plant	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857	17,367,857	
Bowen Steam Electric Generating Plant	0	0	200	200	0	69	0	0	0	0	0	0	0	0	0	0	69	270	15,279,475	15,279,475	
US Army Radford Army Ammunition Plant	0	85	291	376	0	4,870	0	0	0	0	0	0	0	22	7,940	41	12,873	13,249	14,313,504	14,313,504	
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,113,597	14,113,597	14,113,597	
Florida Power Corp Crystal River Energy Complex	0	0	10	10	0	0	0	0	0	0	0	0	0	117	0	0	117	127	13,457,556	13,457,556	
Cyprus Tohono Corp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,394,257	13,394,257	
DuPont Delisle Plant	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	24,297,566	24,297,566	
USS Gary Works	343	23,338	2,304	25,985	0	576,106	29	0	0	0	0	0	0	7,519	0	0	583,654	609,639	12,643,626	12,619,944	
Calsing Steam Electric Station	0	59	0	59	0	0	0	0	0	0	0	0	178,450	0	10	0	178,559	11,975,313	11,975,254	11,975,254	
SSAB Alabama Inc	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	0	0	11,243,058	11,722,923	11,740,048	11,740,048	
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,230	0	0	0	0	0	0	0	0	1,395	1,395	11,718,072	11,718,072	
Branch Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	26	11,599,115	11,599,115	11,599,115	
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	1,202	0	0	1,202	11,096,986	11,096,986	11,096,986	
ArcelorMittal USA Inc	0	1,612	8,174,296	8,175,908	0	2,635,402	0	0	0	0	0	0	0	0	0	0	2,635,402	10,811,310	11,040,722	11,039,110	
W H Sammis Plant	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329	10,813,329	10,813,329
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	503	0	0	503	10,542,816	10,542,816	10,542,816	
Tronox LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,512,752	10,512,752	10,512,752
American Electric Power Muskingum River Plant	0	0	4,987	4,987	0	0	0	0	0	0	0	0	0	0	0	0	0	4,987	10,205,274	10,205,274	10,205,274
DuPont Johnsonville Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,122,055	10,122,055	10,122,055
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,548,829	9,548,829	9,548,829
US Steel Corp Great Lakes Works	0	0	9,006,724	9,006,724	0	188,988	0	541	0	0	0	0	0	2,152	0	191,681	9,198,405	9,515,964	9,515,964	9,515,964	
US TVA Kingston Fossil Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	40,832	0	0	40,832	9,388,046	9,388,046	9,388,046	
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,370,905	9,370,905	9,370,905
US TVA Paradise Fossil Plant	0	304	0	304	0	0	0	0	0	0	0	0	0	0	5	1	6	310	9,211,664	9,211,360	9,211,360
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,835,330	8,835,330	8,835,330
Nucor Steel Tuscaloosa Inc	0	0	328,631	328,631	0	8,381,748	0	37	0	0	0	0	0	0	0	0	8,381,785	8,710,415	8,715,624	8,715,624	
Fresport-McMoran Morenci Inc	0	2,944	0	2,944	0	0	0	0	0	0	0	0	0	0	0	66,295	66,295	8,630,764	8,630,764	8,630,764	
Wansley Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,532,024	8,532,024	8,532,024
Kentucky Utilities Co Ghent Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,504,906	8,504,906	8,504,906
Gaston Steam Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,404,478	8,404,478	8,404,478

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 (M84, M89), 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, 2008

					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										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
									RCRA Subtitle C												
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	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds				
Red Dog Operations	Kotzebue	AK	2122	12	0	0	0	0	276,176	491	1,538	0	0	0	219,889,807	297,028,550	517,196,562	517,196,562	11	517,196,573	
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	18	0	85,015	85,015	85,015	5,657	8,311	4,245	0	7,888	0	118,785,247	47,545,298	166,356,645	166,441,660	230	166,441,890	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	13	0	13	13	13	798	3,289	0	0	0	0	4,824,168	48,092,823	52,921,068	52,921,081	47	52,921,128	
Barrick Goldstrike Mines Inc	Elko	NV	2122	26	0	6,660	6,660	6,660	30,831	28,014	0	0	0	0	43,050,644	5,747,050	48,856,539	48,863,199	1,252	48,864,451	
Hecia Greens Creek Mining Co	Juneau	AK	2122	10	0	0	0	0	592	18,493	502	18,010,156	0	0	0	25,974,105	44,003,848	44,003,848	0	44,003,848	
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	21	0	4,036	4,036	4,036	9,210	77,878	147	0	0	0	30,113,330	2,069,584	32,270,149	32,274,185	510	32,274,695	
Envirosafe Services of Ohio Inc	Oregon	OH	562	11	0	28,565,210	28,565,210	28,565,210	474	50	0	0	0	0	0	0	524	28,565,734	407	28,566,140	
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	24	0	2,312	2,312	2,312	17,658	1,827	0	0	18	0	23,259,100	3,551,400	26,830,004	26,832,316	1,382	26,833,697	
Buick Mine/Mill	Boss	MO	2122	4	0	0	0	0	20,733	731	33,760	0	0	0	22,128,000	3,188,000	25,371,224	25,371,224	0	25,371,224	
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	17	0	11,726	11,726	11,726	96,325	211,024	0	0	0	0	0	24,997,597	25,304,946	25,316,672	241	25,316,913	
Freeport-McMoran Miami Inc	Claypool	AZ	2122	17	0	0	0	0	156,225	142,282	1,277	0	0	0	281,400	23,785,702	24,366,885	24,366,885	937,715	25,304,600	
DuPont Delisle Plant	Pass Christian	MS	325	22	11,302,298	0	12,187,103	23,489,401	4,073	801,535	2,504	0	0	0	23	808,135	24,297,536	30	24,297,566		
US Ecology Idaho Inc	Grand View	ID	562	28	0	21,952,687	21,952,687	21,952,687	332	4,353	0	0	0	0	0	0	4,685	21,957,372	63,500	22,020,872	
RRi Energy Inc Keystone Power Plant	Shellecta	PA	2211	15	0	0	978,867	978,867	14,122	20,557,620	18,581	0	0	0	0	20,590,322	21,569,189	21,569,189	0	21,569,189	
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	21	0	0	0	0	8,067	98,276	5,495	0	0	0	20,974,708	3,970	21,090,516	21,090,516	280,828	21,371,344	
Detroit Edison Monroe Power Plant	Monroe	MI	2211	20	0	0	0	0	5,225	14,691,263	28,627	0	0	0	5,422,457	0	20,147,573	20,147,573	13	20,147,585	
Brandon Shores & Wagner Complex	Baltimore	MD	2211	29	0	0	0	0	54,372	19,606,895	2,545	0	0	0	0	0	19,663,812	19,663,812	780,785	20,444,597	
Nyrstar Clarksville Inc	Clarksville	TN	2122	10	0	0	0	0	743	908,257	11,175	0	0	0	18,350,416	0	19,270,591	19,270,591	15,021	19,285,612	
Montana Resources LLP	Butte	MT	2122	11	0	0	0	0	250	0	0	0	0	0	4,634,626	14,262,736	18,897,612	18,897,612	0	18,897,612	
Solutia Inc	Cantonment	FL	325	24	18,368,478	0	0	18,368,478	19,056	100,168	0	0	0	0	0	0	119,225	18,487,703	525	18,488,228	
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	7	0	0	0	0	63	101	6,313	0	0	0	10,371,208	8,067,610	18,445,295	18,445,295	0	18,445,295	
AK Steel Corp. (Rockport Works)	Rockport	IN	331	9	0	0	0	0	0	12,721	18,026,629	0	0	0	0	0	18,039,350	18,039,350	1,068,018	19,107,368	
Solutia Inc	Alvin	TX	325	33	15,759,503	82,287	0	15,841,790	43,076	124,167	8,935	0	0	0	0	0	176,198	16,017,988	0	16,017,988	
Chemical Waste Management Inc	Kettleman City	CA	562	39	0	15,936,989	7,031	15,944,020	12,399	82	0	0	0	51	0	0	12,531	15,956,551	9,903	15,966,454	
Cytic Industries Inc Fortier Plant	Westwego	LA	325	21	15,393,784	0	0	15,393,784	5,686	238,191	27,018	0	0	0	0	0	270,895	15,664,679	801	15,665,480	
Peoria Disposal Co #1	Peoria	IL	562	14	0	15,499,390	0	15,499,390	2	0	6	0	0	0	0	0	8	15,499,398	957,663	16,457,061	
American Electric Power Amos Plant	Winfield	WV	2211	20	0	0	0	0	1,535	14,846,009	8,168	0	136,426	0	385,854	55	15,378,047	15,378,047	1,989,810	17,367,857	
Monsanto Luling	Luling	LA	325	17	15,026,700	0	0	15,026,700	6,594	89,750	180,480	0	5,390	0	0	0	282,214	15,308,914	1,200	15,310,114	
Bowen Steam Electric Generating Plant	Cartersville	GA	2211	21	0	0	0	0	94,000	11,993,561	31,410	0	0	0	3,160,234	0	15,279,205	15,279,205	270	15,279,475	
US Army Radford Army Ammunition Plant	Radford	VA	14	0	0	0	0	0	28,554	262,476	14,008,765	0	0	0	4,300,255	4,300,255	14,313,504	14,313,504	13,249	14,313,504	
Robinson Nevada Mining Co	Ruth	NV	2122	7	0	25	25	25	1,338	0	9	0	0	0	1,009,400	13,102,825	14,113,572	14,113,597	0	14,113,597	
Florida Power Corp Crystal River Energy Complex	Crystal River	FL	2211	24	0	1,485,630	1,485,630	1,485,630	10,314	11,951,759	9,110	0	0	0	615	0	11,971,799	13,457,429	127	13,457,556	
Cyprus Tohono Corp	Casa Grande	AZ	2122	2	0	13,394,000	13,394,000	13,394,000	257	0	0	0	0	0	0	0	257	13,394,257	0	13,394,257	
Vickery Environmental Inc.	Vickery	OH	562	23	12,311,678	0	0	12,311,678	0	0	0	0	0	0	0	0	0	12,311,678	38,572	12,350,250	
USS Gary Works	Gary	IN	331	46	0	10,066,687	10,066,687	10,066,687	348,558	262,941	1,355,801	0	0	0	0	1,967,300	12,033,987	609,639	12,643,626		
Colstrip Steam Electric Station	Colstrip	MT	2211	23	0	11,502,840	11,502,840	11,502,840	218	293,746	0	0	0	0	293,964	11,796,804	11,796,804	178,509	11,975,313		
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	23	11,609,478	0	0	11,609,478	96,792	64,363	1,378	0	0	0	0	0	162,533	11,772,011	6,790	11,778,801	
Doe Run Co Herculanum Smelter	Herculanum	MO	331	10	0	0	0	0	3,273	41,829	696	0	0	0	11,670,878	11,716,676	11,716,676	1,395	11,718,072		
Branch Steam Electric Generating Plant	Milledgeville	GA	2211	20	0	0	0	0	0	9,304,682	41,153	0	0	0	2,253,254	0	11,599,089	11,599,089	26	11,599,115	
Cortez Gold Mines	Crescent Valley	NV	2122	15	0	833	833	833	22,724	1,718	0	0	28	0	1,971,282	9,099,200	11,094,951	11,095,784	1,202	11,096,986	
Ineos USA LLC	Lima	OH	325	35	10,629,270	0	0	10,629,270	24,561	111,926	0	0	0	0	0	0	136,487	10,765,757	1,343	10,767,100	
Tronox LLC	Hamilton	MS	325	16	0	30,914	30,914	30,914	123,153	138,544	0	0	0	33,700	10,220,141	0	10,546,452	10,546,452	0	10,546,452	
Pend Oreille Mine	Metalline Falls	WA	2122	9	0	0	0	0	1,684	1,793	249	0	0	0	10,538,588	0	10,542,313	10,542,313	503	10,542,816	
American Electric Power Muskingum River Plant	Beverly	OH	2211	19	0	0	0	0	315	8,843,923	8,742	0	125,505	0	1,221,753	50	10,200,288	10,200,288	4,987	10,205,274	
DuPont Johnsonville Plant	New Johnsonville	TN	325	21	0	8,620,827	8,620,827	8,620,827	1,902	1,495,039	4,287	0	0	0	0	0	1,501,228	10,122,055	0	10,122,055	
Brushy Creek Mine/Mill	Bunker	MO	2122	3	0	0	0	0	7,560	0	7,269	0	0	0	9,534,000	0	9,548,829	9,548,829	0	9,548,829	
Montana Tunnels Mining Inc	Jefferson City	MT	2122	8	0	857,688	857,688	857,688	9,352	2	0	0	0	0	8,503,863	0	8,513,217	9,370,905	0	9,370,905	
US TVA Kingston Fossil Plant	Harriman	TN	2211	20	0	0	0	0	17,430	4,154,942	2,765,700	0	0	0	2,007,217	401,920	9,347,208	9,347,208	40,838	9,388,046	
US TVA Paradise Fossil Plant	Drakesboro	KY	2211	23	0	0	0	0	21,055	7,124,387	237,650	0	0	0	1,828,262	0	9,211,355	9,211,355	310	9,211,664	
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waycross	OK	562	32	0	8,887,119	8,887,119	8,887,119	1,115	306	0	0	0	0	0	0	1,421	8,888,539	0	8,888,539	

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).

11/19/09

The 50 Facilities with Largest Total Off-site Disposal or Other Releases, 2008

Facility	City	State	NAICS Code	Total Forms Number	Total On-site Disposal or Other Releases Pounds	Off-site Disposal or Other Releases																			Total On-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 B-V Wastewater 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	Total Off-site Disposal or Other Releases Pounds			
Nucor Steel Inc	Crawfordsville	IN	331	12	15,225	0	0	32,358,449	32,358,449	0	715,188	197,686	0	0	0	0	0	8,839	357	0	922,070	33,280,519	33,295,744			
Steel Dynamics Inc	Butler	IN	331	19	20,264	15,151	31,439,823	167	31,454,941	0	0	0	18	0	0	0	0	523	98,017	22,898	121,456	31,576,397	31,596,661			
Monaca Corp Monaca Smelter	Monaca	PA	331	14	728,308	0	0	19,780,443	19,780,443	0	65,168	0	0	0	0	0	0	0	0	0	0	65,168	19,845,611	20,573,919		
Severstal Wheeling Inc	Mingo Junction	OH	331	12	27,294	0	11,863,964	50,074	11,914,038	0	0	0	0	0	0	0	0	0	170	0	170	11,914,208	11,941,502			
SSAB Alabama Inc	Axis	AL	331	8	17,125	0	0	479,865	479,865	0	11,243,058	0	0	0	0	0	0	0	0	0	0	11,243,058	11,722,923	11,740,048		
ArcelorMittal USA Inc	East Chicago	IN	331	26	229,412	0	1,612	8,174,296	8,175,908	0	2,635,402	0	0	0	0	0	0	0	0	0	0	2,635,402	10,811,310	11,040,722		
US Steel Corp Great Lakes Works	Ecorse	MI	331	20	317,559	0	0	9,006,724	9,006,724	0	188,968	0	541	0	0	0	0	2,152	0	0	0	191,681	9,198,405	9,515,964		
Nucor Steel Tuscaloosa Inc	Tuscaloosa	AL	331	10	5,209	0	0	328,631	328,631	0	8,381,748	0	37	0	0	0	0	0	0	0	0	8,381,785	8,710,415	8,715,624		
Steel Dynamics Inc Structural & Rail Div	Columbia City	IN	331	6	4	12	7,750,675	390,896	8,141,583	0	0	0	2	0	0	0	0	1,360	0	0	0	1,362	8,142,945	8,142,949		
SSAB Iowa Inc	Muscatine	IA	331	10	5,653	0	0	580,410	580,410	0	7,235,148	0	0	0	0	0	0	0	0	0	0	7,235,148	7,815,558	7,821,211		
Nucor Corp Nucor Steel Div	Plymouth	UT	331	9	991,599	0	7,787,410	921	7,788,331	0	0	0	0	0	0	0	0	0	0	0	0	7,788,331	8,779,930	8,779,930		
Severstal North America Inc	Dearborn	MI	331	12	86,715	0	16	6,922,021	6,922,037	0	21,997	8	0	0	0	0	0	0	0	0	0	22,005	6,944,042	7,030,757		
U.S. TVA Allen Fossil Plant	Memphis	TN	2211	16	1,370,722	0	264	4,311	4,575	0	0	0	0	0	0	0	6,864,488	0	12	0	6,864,499	6,869,074	8,239,796			
Evonik Cyro LLC MMA Plant	Westwego	LA	325	7	11,321	6,762,792	990	18	6,763,800	0	0	0	0	0	0	0	0	0	0	0	0	6,763,800	6,775,121	6,775,121		
Cascade Steel Rolling Mills Inc	Mcminnville	OR	331	6	10,356	0	6,055,978	0	6,055,978	0	0	0	0	0	0	0	0	0	0	0	0	6,055,978	6,066,334	6,066,334		
MEMC Pasadena Inc	Pasadena	TX	325	4	41,440	25,503	0	6,023,617	6,049,120	0	0	0	0	0	0	0	0	0	0	0	0	6,049,120	6,090,560	6,090,560		
Dominion Kincaid Generation LLC	Kincaid	IL	2211	15	797,333	0	0	0	0	0	0	0	0	0	0	0	5,877,928	0	0	0	5,877,928	5,877,928	6,675,261			
USS Mon Valley Works - Edgar Thomson Plant	Braddock	PA	331	16	149,878	0	0	5,779,619	5,779,619	0	0	0	0	0	0	0	0	0	1	67	69	5,779,687	5,929,565	5,929,565		
Steel Dynamics Inc - Engineered Bar Products Div	Pittsboro	IN	331	13	14,021	0	5,683,033	0	5,683,033	0	0	0	65	0	0	0	0	0	0	0	0	65	5,683,098	5,697,119		
Heritage Environmental Services LLC	Indianapolis	IN	562	13	1,803	0	4,861,000	16,150	4,877,150	0	0	0	766	0	0	0	0	0	621,302	0	0	622,068	5,499,218	5,501,021		
North American Stainless	Ghent	KY	331	9	3,288,185	0	0	3,032,280	3,032,280	0	0	0	0	0	0	0	2,078,046	0	0	0	0	2,078,046	5,110,326	8,398,511		
ArcelorMittal Indiana Harbor LLC	East Chicago	IN	331	25	178,433	0	0	5,000,959	5,000,959	0	0	0	0	0	0	0	0	0	0	0	0	0	5,000,959	5,179,392	5,179,392	
Basin Electric Antelope Valley Station	Beulah	ND	2211	17	122,130	0	0	4,917,003	4,917,003	0	0	0	0	0	0	0	0	0	0	0	0	0	4,917,003	5,039,133	5,039,133	
Nucor Steel/Berkley	Huger	SC	331	12	27,000	0	147,544	4,526,443	4,673,987	0	0	0	0	0	0	0	0	0	0	0	0	0	4,673,987	4,700,987	4,700,987	
Keystone Steel & Wire Co	Peoria	IL	331	6	58,068	0	2,255,752	0	2,255,752	2,333,079	204	0	0	0	0	0	0	0	0	0	0	2,333,283	4,589,035	4,647,103		
Quemetco Inc	Indianapolis	IN	331	5	1,689	0	1,178,125	2,864,259	4,042,384	0	0	0	319	0	0	0	0	0	0	0	0	319	4,042,703	4,044,392		
Jorgensen Forge Corp	Tukwila	WA	332	5	1,963	0	0	3,942,590	3,942,590	0	73,740	0	0	0	0	0	0	0	0	0	0	73,740	4,016,330	4,018,293		
Dow Chemical Co	Charleston	IL	326	3	1,020	0	0	3,958,620	3,958,620	0	0	0	0	0	0	0	0	0	0	0	0	0	3,958,620	3,959,640	3,959,640	
U.S. TVA Johnsonville Fossil Plant	New Johnsonville	TN	2211	17	4,053,355	0	257	0	257	0	0	0	0	0	0	0	3,494,135	0	0	0	0	3,494,136	3,494,393	7,547,748		
San Juan Generating Station	Waterflow	NM	2211	21	153,548	0	0	3,459,066	3,459,066	0	0	0	0	0	0	0	0	0	0	0	0	0	3,459,066	3,512,614	3,512,614	
Sterling Steel Co LLC	Sterling	IL	331	5	6,561	0	0	993,605	993,605	0	2,400,026	0	0	0	0	0	0	0	0	0	0	2,400,026	3,393,631	3,400,192		
Envrite of Illinois Inc	Harvey	IL	562	8	102	19,025	19,513	3,168,750	3,207,288	0	12,170	61	133	0	0	0	0	0	1,890	0	0	14,254	3,221,542	3,221,644		
Steel Dynamics Inc Roanoke Bar Div	Roanoke	VA	331	7	18,578	0	3,201,859	0	3,201,859	0	0	0	0	0	0	0	0	0	0	0	0	0	3,201,859	3,220,437	3,220,437	
Gerdau Ameristeel US Inc	Wilton	IA	331	9	19,719	0	0	3,166,533	3,166,533	0	0	0	0	0	0	0	0	0	0	0	0	0	3,166,533	3,186,252	3,186,252	
Nucor Steel Marion Inc	Marion	OH	331	6	16,604	0	0	105,030	105,030	0	3,017,468	0	28	0	0	0	0	0	0	0	0	3,017,496	3,122,526	3,139,130		
ArcelorMittal LaPlace LLC	La Place	LA	331	8	28,251	0	0	2,989,458	2,989,458	0	0	0	0	0	0	0	0	0	0	0	0	0	2,989,458	3,017,709	3,017,709	
DuPont Edge Moor	Edgemoor	DE	325	22	267,312	0	8	2,783,554	2,783,562	0	0	0	0	0	0	0	0	0	0	0	0	0	2,783,562	3,050,874	3,050,874	
Big Cajun 2	New Roads	LA	2211	16	2,647,022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,768,617	2,768,617	5,415,839		
EO Detroit Inc	Detroit	MI	562	32	18,357	88,959	38,221	2,460,106	2,587,286	0	0	0	25	0	0	0	0	0	168	0	28,040	28,233	2,615,519	2,633,876		
W H Sammis Plant	Stratton	OH	2211	22	8,227,432	0	0	2,585,897	2,585,897	0	0	0	0	0	0	0	0	0	0	0	0	0	2,585,897	10,813,329	10,813,329	
Hussey Copper Ltd.	Leetsdale	PA	331	3	46,465	0	35	0	35	0	0	0	0	0	0	0	0	0	2,542,234	0	0	2,542,234	2,542,269	2,588,734		
AK Steel Corp. Mansfield Works	Mansfield	OH	331	8	15,576	0	2,249,346	0	2,249,346	0	0	0	0	0	0	0	0	0	0	0	0	0	2,249,346	2,264,922	2,264,922	
Evergreen Battery Manufacturing Inc	Marietta	OH	325	2	547	0	0	0	0	0	2,062,072	0	0	0	0	0	0	0	111,201	0	0	2,173,273	2,173,273	2,173,820		
Nucor Steel Nebraska	Norfolk	NE	331	7	17,158	0	0	8,070	8,070	0	2,115,359	0	0	0	0	0	0	0	0	0	0	2,115,359	2,139,380	2,147,450		
Thyssenkrupp Waupaca - Plant 5	Tell City	IN	331	14	88,803	0	0	2,083,184	2,083,184	0	0	0	0	0	0	0	0	0	0	0	0	5	5	2,083,189	2,171,992	2,171,992
Sigeco F B Culley Generating Station	Newburgh	IN	2211	16	131,638	0	0	0	0	0	0	0	0	0	0	0	0	2,058,459	5	0	0	2,058,465	2,058,465	2,190,103		
Nucor Steel Hartford County	Cohfeld	NC	331	10	1,323	0	0	1,637,753	1,637,753	0	420,039	0	0	0	0	0	0	0	0	0	0	420,039	2,057,792	2,059,115		
Fairfax Microelectronics Inc.	Fairfax	NE	325	8	58,750	0	0	161,281	161,281	0	1,872,383	0	0	0	0	0	0	0	0	0	0	0	1,872,383	2,033,664	2,092,414	
American Electric Power Amos Plant	Winfield	WV	2211	20	15,378,047	0	0	1,989,810	1,989,810	0	0	0	0	0	0	0	0	0	0	0	0	0	1,989,810	17,367,857	17,367,857	
Bruce Mansfield Power Plant	Shippingport	PA	2211	20	512,711	0	0	0	0	0	0	0	0	0	0	1,963,529	0	0	0	0	0	1,963,529	1,963,529	2,476,240		

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For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at www.epa.gov/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), 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, 2008: Carcinogens

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	4	0	657,273	657,277	96	83	597	22,033	1,180,123	0	216,614	141,188	1,560,734	2,218,010	8,220	2,226,231			
2122 Metal Mining	0	0	3,656,145	3,656,145	77,918	12,267	18,584	6,986,927	1,189	351,821	191,874,895	289,193,574	488,517,174	492,173,319	456,280	492,629,599			
2211 Electric Utilities	226	15,546	14,490,922	14,506,694	300,470	733,556	673,277	4	447,004	112,049	12,912,513	2,319,811	17,498,685	32,005,379	8,172,837	40,178,215			
311/312 Food/Beverages/Tobacco	1,110	0	0	1,110	196,999	2,017,483	7,390	0	54,389	0	606	2,073	2,278,941	2,280,051	359,507	2,639,558			
313/314 Textiles	0	0	0	0	45,405	123,003	2,405	0	5,000	0	1,124	3	176,941	176,941	73,180	250,120			
315 Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000			
316 Leather	203	0	0	203	1,720	1,412	5	0	0	0	0	0	3,137	3,340	562,366	565,706			
321 Wood Products	0	266	12,101	12,367	351,893	3,364,584	6,258	0	711	0	407	1,885	3,725,738	3,738,105	545,719	4,283,824			
322 Paper	0	11,365	409,883	421,249	2,111,619	6,707,400	728,664	0	15,966	21,500	345,035	3,236	9,933,420	10,354,668	355,014	10,709,682			
323/51 Printing and Publishing	0	0	0	0	5,739	5,755	0	0	0	0	0	11	11,505	11,505	4,064	15,570			
324 Petroleum	81,110	27	1,131	82,268	1,785,940	1,862,889	31,892	322	15,231	54	6,808	11,168	3,714,304	3,796,572	1,293,485	5,090,058			
325 Chemicals	25,744,873	104,494	5,766,159	31,615,526	6,302,781	10,173,516	274,088	1	8,391	34,013	2,196,316	1,767,718	20,756,825	52,372,351	6,999,539	59,371,890			
326 Plastics and Rubber	0	35,527	1,480	37,007	3,736,805	12,675,923	916	0	0	0	4	229	16,413,877	16,450,884	1,761,742	18,212,626			
327 Stone/Clay/Glass	3,287	12	89,056	92,356	233,679	1,200,126	832	0	768	2	7,683	195,296	1,638,386	1,730,742	1,521,064	3,251,806			
32731 Cement	0	20,820	384,046	404,866	9,186	450,216	473	0	0	0	20	19,940	479,835	884,701	20,549	905,250			
331 Primary Metals	260,466	298,909	5,799,769	6,359,144	1,074,906	2,144,789	61,095	0	1,816	0	8,581,238	7,670,772	19,534,616	25,893,760	27,573,740	53,467,499			
332 Fabricated Metals	0	0	383	383	1,054,346	1,492,560	6,463	0	3,831	0	8	16,203	2,573,410	2,573,793	3,132,605	5,706,398			
333 Machinery	0	0	1,298	1,298	196,512	908,507	2,525	0	3	0	0	1,061	1,108,608	1,109,907	394,940	1,504,847			
334 Computers/Electronic Products	0	5	0	5	105,474	159,317	563	0	0	0	0	1,845	267,198	267,203	372,828	640,031			
335 Electrical Equipment	0	30	6,627	6,656	207,651	184,468	1,641	0	0	0	6,404	578	400,741	407,398	1,562,717	1,970,115			
336 Transportation Equipment	0	0	141,240	141,240	2,737,970	8,263,295	6,250	0	0	0	974	18,571	11,027,060	11,168,300	1,746,544	12,914,844			
337 Furniture	0	0	0	0	73,799	381,137	6	0	550	0	0	284	455,775	455,775	12,256	468,032			
339 Miscellaneous Manufacturing	0	253	5	258	174,830	1,048,600	129	0	0	0	0	0	1,223,558	1,223,816	123,773	1,347,589			
4246 Chemical Wholesalers	0	0	0	0	23,380	71,626	10	0	0	0	0	0	95,016	95,016	16,316	111,332			
4247 Petroleum Bulk Terminals	0	0	0	0	391,607	202,391	3,247	0	0	0	1	1,230	598,476	598,476	33,226	631,702			
562 Hazardous Waste Management	981,099	36,146,683	3,310,980	40,438,762	147,670	148,911	7,643	0	19	506,195	125,041	935,478	41,374,240	8,243,792	49,618,032	59,618,032			
No TRI NAICS Code	0	19,900	2,203,296	2,223,196	387,087	328,104	4,290	0	2	2,480	28,611	4,199,658	4,950,231	7,173,427	555,475	7,728,902			
Total	27,072,379	36,653,838	36,931,794	100,658,011	21,735,481	54,661,918	1,839,241	7,009,286	1,734,975	521,938	216,685,454	305,691,377	609,879,669	710,537,680	65,903,776	776,441,456			

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, 2008: 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												
	Class I Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Landfills Pounds	Subtotal Pounds	Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds				
Alabama	0	4,113,431	2,403,616	6,517,047	1,048,641	1,881,469	129,966	21,526	591	0	1,944,567	83,860	5,110,620	11,627,667	1,879,958	13,507,625	
Alaska	0	0	2,620	2,620	22,335	14,933	365	6,976,639	0	0	72,830,172	126,348,132	206,192,575	206,195,195	8,714	206,203,909	
American Samoa	0	0	0	0	0	6	0	0	0	0	0	0	6	6	0	6	
Arizona	0	0	689,204	689,204	97,395	247,327	793	0	11	0	8,826,706	11,432,722	20,604,954	21,294,158	198,838	21,492,996	
Arkansas	39,649	3,442	163,675	206,766	543,997	1,406,676	68,337	1	14,035	0	684,443	89,641	2,807,129	3,013,894	441,365	3,455,259	
California	0	10,384,760	23,277	10,408,037	318,942	1,300,610	3,497	287	382	19	97	4,586,309	6,210,143	16,618,180	1,288,682	17,906,862	
Colorado	0	253	171,739	171,992	82,920	82,645	50	0	1,079	0	3,330,402	2,481,222	5,978,318	6,150,310	145,443	6,295,753	
Connecticut	0	0	238	238	219,700	288,160	2,566	0	0	0	0	993	511,419	511,657	515,494	1,027,151	
Delaware	0	0	131,058	131,058	25,416	129,926	5,627	0	0	0	1,257	8,661	170,886	301,944	290,068	592,012	
District of Columbia	0	0	0	0	2	0	0	0	0	0	0	0	3	3	263	266	
Florida	329,279	0	1,146,884	1,476,163	1,092,754	2,319,300	97,423	0	46,918	0	34,141	50,855	3,641,391	5,117,554	424,152	5,541,706	
Georgia	0	0	255,178	255,178	761,506	3,069,040	65,937	0	51	21,500	2,138,901	296,238	6,353,173	6,608,350	325,794	6,934,144	
Guam	0	0	0	0	4,175	2,018	1	0	0	0	18	1,264	7,476	7,476	1,010	8,486	
Hawaii	0	0	0	0	13,508	79,319	411	27	0	0	0	27,833	121,098	121,098	16,093	137,191	
Idaho	0	3,364,827	166,756	3,531,583	76,418	293,502	19,923	0	215	351,821	2,610,223	3,972,745	7,324,847	10,856,430	275,583	11,132,013	
Illinois	1,567	1,249,366	305,105	1,556,039	761,873	1,969,708	21,012	0	1,891	0	272,482	68,539	3,095,505	4,651,544	3,252,085	7,903,629	
Indiana	47,113	140,305	2,425,329	2,612,747	1,443,119	3,931,904	21,883	0	814,275	0	1,588,227	1,038,829	8,838,238	11,450,985	11,753,276	23,204,261	
Iowa	0	0	151,621	151,621	176,547	1,729,289	15,486	0	3	0	24,022	7,576	1,952,924	2,104,545	807,414	2,911,959	
Kansas	30,836	0	245,119	275,955	514,207	1,058,759	388	0	3,069	0	28,099	45,438	1,649,960	1,925,915	800,867	2,726,782	
Kentucky	3,292	0	1,306,146	1,309,438	669,324	924,273	51,792	0	23,312	0	1,933,990	247,457	3,850,148	5,159,586	4,315,394	9,474,980	
Louisiana	11,581,761	1,924,881	1,476,279	14,982,921	1,703,539	2,657,830	124,056	0	3,034	246	658,276	46,469	5,193,451	20,176,371	1,078,964	21,255,336	
Maine	0	0	6,192	6,192	133,290	326,777	38,390	0	0	0	0	945	499,402	505,593	239,497	745,090	
Maryland	0	28	204,505	204,533	87,889	382,113	1,429	506	110,428	0	0	10,219	592,585	797,118	944,650	1,741,767	
Massachusetts	0	0	2,188	2,188	105,887	122,399	3,974	0	2	0	1,591	14,571	248,424	250,612	503,578	754,189	
Michigan	8,500	2,090,236	340,673	2,439,409	470,142	1,447,759	17,171	0	750	0	540,971	55,238	2,532,031	4,971,440	1,613,929	6,585,369	
Minnesota	0	0	170,623	170,623	426,859	1,001,375	4,427	0	0	0	43,523	71,137	1,547,321	1,717,944	502,778	2,220,721	
Mississippi	1,777,088	0	2,559,477	4,336,565	258,095	876,117	29,689	0	0	33,700	889,513	63,979	2,151,093	6,487,658	282,414	6,770,072	
Missouri	0	106,479	111,953	218,432	374,719	893,553	17,936	0	13	12,000	20,322,842	6,051,549	27,672,612	27,891,044	1,638,685	29,529,729	
Montana	0	51	1,150,896	1,150,947	56,729	559,267	1,136	10,288	551	0	2,642,060	4,804,969	8,074,999	9,225,946	452,599	9,678,546	
Nebraska	0	0	119,172	119,172	12,506	586,866	1,144	0	0	0	0	5,247	605,763	724,935	787,755	1,512,690	
Nevada	0	1,384,120	365,475	1,749,595	9,098	36,833	15	0	36	0	68,802,055	82,494,545	151,342,582	153,092,178	51,204	153,143,381	
New Hampshire	0	0	0	0	16,539	16,146	24	0	0	0	5,050	13	37,773	37,773	36,101	73,874	
New Jersey	0	71,885	0	71,885	74,501	288,004	20,497	0	0	2,480	0	120,746	506,227	578,112	536,507	1,114,619	
New Mexico	493	0	356,949	357,442	70,102	55,790	562	0	12	0	170,288	8,451,002	8,747,755	9,105,197	60,619	9,165,816	
New York	0	777,136	136,169	913,306	181,687	517,409	37,225	0	16	0	138,967	81,509	956,813	1,870,119	617,283	2,487,402	
North Carolina	0	30	634,805	634,835	371,850	1,824,552	187,834	0	245	0	1,541,006	1,284,430	5,209,916	5,844,751	665,636	6,510,386	
North Dakota	0	0	146,406	146,406	76,302	519,152	646	12	1	0	260,309	89,095	945,519	1,091,925	455,329	1,547,253	
Northern Mariana Islands	0	0	0	0	274	856	0	0	0	0	2	0	1,132	1,132	0	1,132	
Ohio	3,107,443	1,463,940	1,615,104	6,186,487	1,036,652	1,803,297	48,183	0	235,760	100,045	2,127,444	143,121	5,494,503	11,680,990	6,208,573	17,889,563	
Oklahoma	350	3,051,869	57,934	3,110,153	318,415	397,254	8,034	0	10,206	0	7,985	71,071	812,964	3,923,117	524,183	4,447,300	
Oregon	0	970,396	2,689,695	3,660,091	233,257	1,138,252	20,949	0	273	1	306	10,089	1,403,127	5,063,218	192,612	5,255,829	
Pennsylvania	0	5	1,246,392	1,246,397	973,066	1,891,653	26,398	0	830	5	506,553	1,126,939	4,525,443	5,771,840	9,114,293	14,886,133	
Puerto Rico	0	0	1	1	301,669	193,813	338	0	0	0	0	10,119	505,940	505,941	180,949	686,890	
Rhode Island	0	0	0	0	11,115	39,598	19	0	0	0	0	1,116	51,848	51,848	43,286	95,134	
South Carolina	0	0	888,954	888,954	1,662,885	2,765,284	76,652	0	5,155	67	782,821	304,713	5,597,577	6,486,531	1,414,639	7,901,170	
South Dakota	0	0	2,099,387	2,099,387	12,571	228,690	688	0	0	0	2	190	242,141	2,341,528	9,478	2,351,005	
Tennessee	0	8,103	2,063,820	2,071,923	826,179	3,169,585	465,806	0	0	0	5,944,459	87,049	10,493,078	12,565,000	1,655,265	14,220,266	
Texas	10,145,003	1,537,345	1,652,382	13,334,730	3,091,537	6,341,074	53,074	0	141,588	54	672,609	409,449	10,709,387	24,044,116	3,717,287	27,761,403	
Utah	0	3,990,268	2,340,341	6,330,609	70,307	92,764	2,402	0	1,211	0	10,281,342	47,558,992	58,007,018	64,337,627	1,084,482	65,422,110	
Vermont	0	0	0	0	23,961	2,954	0	0	0	0	0	16,093	43,008	43,008	13,505	56,513	
Virgin Islands	0	0	0	0	10,953	65,434	2	0	62	0	0	3,412	79,862	79,862	16,486	96,348	
Virginia	0	0	412,994	412,994	202,162	1,284,765	19,223	0	3,838	0	284,563	304,174	2,098,726	2,511,720	324,356	2,836,076	
Washington	0	19,988	2,204,106	2,224,094	191,386	792,754	102,529	0	69	0	3,113,011	238,034	4,437,783	6,661,877	866,473	7,528,351	
West Virginia	0	106	1,849,832	1,849,938	173,564	675,920	14,322	0	315,031	0	637,618	893,028	2,709,482	4,559,420	1,803,362	6,362,782	
Wisconsin	0	587	12,245	12,832	242,773	892,403	8,980	0	0	0	71	78,800	1,223,027	1,235,859	1,485,477	2,721,337	
Wyoming	4	0	429,282	429,286	50,240	44,765	34	0	31	0	62,469	1,009	158,547	587,834	41,049	628,883	
Total	27,072,379	36,653,838	36,931,794	100,658,011	21,735,481	54,661,918	1,839,241	7,009,286	1,734,975	521,938	216,685,454	305,691,377	609,879,669	710,537,680	65,903,776	776,441,456	

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, 2008: Carcinogens

					On-site Disposal or Other Releases														Total On-site Disposal or Other Releases Pounds
Facility	City	State	NAICS Code	Total Forms 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		
Red Dog Operations	Kotzebue	AK	2122	6	0	0	0	0	7,640	101	117	0	0	0	72,162,954	112,654,910	184,825,722	184,825,722	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	4	0	0	2	2	350	1	0	0	0	0	4,504,968	48,002,010	52,507,329	52,507,331	
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	6	0	0	70,476	70,476	1,796	57	1,271	0	1,142	0	3,314,753	47,515,313	50,834,332	50,904,808	
Barriack Goldstrike Mines Inc	Elko	NV	2122	8	0	0	2,691	2,691	658	218	0	0	0	0	25,356,523	4,097,358	29,454,757	29,457,448	
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	6	0	0	2,641	2,641	38	215	5	0	0	0	23,298,651	1,089,860	24,388,769	24,391,410	
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	6	0	0	241	241	675	421	0	0	18	0	14,014,000	3,100,000	17,115,114	17,115,355	
Hecia Greens Creek Mining Co	Juneau	AK	2122	3	0	0	0	0	172	488	140	6,976,639	0	0	0	9,935,404	16,912,843	16,912,843	
Robinson Nevada Mining Co	Ruth	NV	2122	2	0	0	5	5	33	0	9	0	0	0	773,000	13,100,005	13,873,047	13,873,052	
Buck Mine/Mill	Boss	MO	2122	2	0	0	0	0	15,881	500	8,209	0	0	0	9,588,000	2,656,000	12,268,590	12,268,590	
Chemical Waste Management Inc	Kettlemans City	CA	562	15	0	9,434,021	836	9,434,857	1,986	28	0	0	0	18	0	0	2,032	9,436,889	
Cortez Gold Mines	Crescent Valley	NV	2122	4	0	0	140	140	383	0	0	0	0	0	310,029	9,017,538	9,327,968	9,328,108	
Monsanto Luling	Luling	LA	325	6	9,111,700	0	0	9,111,700	2,300	34,000	4,360	0	2,300	0	0	0	42,960	9,154,660	
Freeport-McMoran Tyrore Inc	Tyrore	NM	2122	2	0	0	0	0	37	0	0	0	0	0	7,180,000	7,180,037	7,180,037	7,180,037	
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	7	0	0	0	0	1,359	9,576	1,104	0	0	0	6,868,577	970	6,881,586	6,881,586	
Nyrstar Clarksville Inc	Clarksville	TN	2122	2	0	0	0	0	12	3,541	832	0	0	0	5,376,287	0	5,380,672	5,380,672	
Freeport-McMoran Miami Inc	Claypool	AZ	2122	7	0	0	0	0	11,620	3,375	516	0	0	0	3,400	4,981,000	4,999,911	4,999,911	
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	8,043	200	3,150	0	0	0	4,960,000	0	4,971,393	4,971,393	
Ineos USA LLC Green Lake Plant	Port Lavaca	TX	325	6	4,338,240	0	0	4,338,240	26,493	9,962	0	0	0	0	0	0	36,455	4,374,695	
DuPont Delisle Plant	Pass Christian	MS	325	8	1,777,088	0	2,420,352	4,197,440	0	184	242	0	0	0	0	13	440	4,197,880	
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	8	0	0	0	0	8,368	276	250	0	0	0	3,206,000	959,000	4,173,894	4,173,894	
Montana Resources LLP	Butte	MT	2122	3	0	0	0	0	250	0	0	0	0	0	101,056	4,022,753	4,124,059	4,124,059	
Chemical Waste Management	Emelle	AL	562	14	0	4,113,431	0	4,113,431	217	1,346	0	0	0	0	0	0	1,563	4,114,994	
Western Mesquite Mines Inc.	Brawley	CA	2122	1	0	0	0	0	15	0	0	0	0	0	0	4,078,067	4,078,082	4,078,082	
Brushy Creek Mine/Mill	Bunker	MO	2122	1	0	0	0	0	5,471	0	1,343	0	0	0	3,646,000	0	3,652,814	3,652,814	
Chemical Waste Management of the Northwest Inc	Arlington	OR	562	12	0	970,396	2,672,910	3,643,306	36	562	0	0	1	16	0	0	52	3,643,358	
Quemetco Inc	Indianapolis	IN	331	4	0	0	0	0	0	1,416	0	0	0	0	0	0	1,416	1,416	
US Ecology Idaho Inc	Grand View	ID	562	9	0	3,364,827	0	3,364,827	60	790	0	0	0	0	0	0	850	3,365,677	
Climax Molybdenum Co Henderson Mill	Parshall	CO	2122	2	0	0	0	0	6	7	0	0	0	0	3,330,000	0	3,330,013	3,330,013	
Doe Run Co Herculeaneum Smelter	Herculeaneum	MO	331	5	0	0	0	0	2,936	36,866	326	0	0	0	0	3,231,041	3,271,169	3,271,169	
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	7	0	0	9,429	9,429	14,092	1,524	0	0	0	0	0	3,222,579	3,238,195	3,247,624	
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	2	0	0	0	0	25	86	387	0	0	0	1,661,683	1,566,751	3,228,932	3,228,932	
North American Stainless	Ghent	KY	331	3	0	0	0	0	0	30,209	2,309	0	0	0	0	0	32,517	32,517	
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waynoka	OK	562	10	0	3,051,869	0	3,051,869	100	97	0	0	0	0	0	0	197	3,052,066	
Pend Oreille Mine	Metaline Falls	WA	2122	4	0	0	0	0	143	305	64	0	0	0	3,047,354	0	3,047,865	3,047,865	
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	10	0	2,826,835	0	2,826,835	11	0	0	0	0	0	0	0	11	2,826,846	
Montana Tunnels Mining Inc	Jefferson City	MT	2122	3	0	0	851,085	851,085	855	1	0	0	0	0	1,885,981	0	1,886,837	2,737,922	
Solutia Inc	Alvin	TX	325	10	2,432,709	9	0	2,432,718	16,062	53,762	0	0	0	0	0	0	69,844	2,502,562	
Ineos USA LLC	Lima	OH	325	11	2,415,870	0	0	2,415,870	8,562	35,664	0	0	0	0	0	0	44,226	2,460,096	
Heritage Environmental Services LLC	Indianapolis	IN	562	3	0	0	0	0	0	251	6	0	0	0	0	0	257	257	
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	2	0	0	0	0	94	27	0	0	0	0	0	2,402,430	2,402,552	2,402,552	
Fort Knox Mine	Fairbanks	AK	2122	3	0	0	0	0	23	1	0	0	0	0	667,218	1,697,950	2,365,193	2,365,193	
US DOE Hanford Site	Richland	WA	562	1	0	19,900	2,200,157	2,220,057	6	1	0	0	0	0	0	9,611	9,618	2,229,675	
Wayne Disposal Inc	Belleville	MI	562	18	0	2,066,003	0	2,066,003	6	26	0	0	0	0	0	0	32	2,066,036	
Sanders Lead Co Inc	Troy	AL	331	4	0	0	2,149,160	2,149,160	3,019	6,452	374	0	0	0	0	0	9,845	2,159,005	
Wharf Resources	Lead	SD	2122	1	0	0	2,087,100	2,087,100	1,900	19	0	0	0	0	0	0	1,919	2,089,019	
Sweetwater Mine/Mill	Ellington	MO	2122	1	0	0	0	0	3,115	0	1,186	0	0	0	2,022,000	0	2,026,301	2,026,301	
Freeport-McMoran Sierrita Inc	Green Valley	AZ	2122	5	0	0	0	0	325	21	0	0	0	0	1,321,000	625,255	1,946,601	1,946,601	
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	14	0	1,915,828	0	1,915,828	50	0	0	0	0	0	0	0	50	1,915,878	
Pogo Mine	Delta Junction	AK	2122	4	0	0	0	0	5	731	6	0	0	0	0	1,892,945	1,893,687	1,893,687	
Horsehead Corp Monaca Smelter	Monaca	PA	331	5	0	0	0	0	105	11,880	111	0	0	0	0	0	12,096	12,096	

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/data>.

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).

11/19/09

The 50 Facilities with Largest TRI On- and Off-site Disposal
or Other Releases, 2008: Carcinogens

Facility	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				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
					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	11	11	184,825,733			
Newmont Mining Corp Copper Canyon Facility	0	44	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	44			
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Barrick Goldstrike Mines Inc	0	1,251	0	1,251	0	0	0	0	0	0	0	0	0	0	0	0	0	1,251			
Newmont Mining Corp Twin Creeks Mine	0	476	0	476	0	0	0	0	0	0	0	0	0	0	0	0	0	476			
Newmont Mining Corp - Carlin South Area	0	7	0	7	0	0	0	0	0	0	0	0	0	0	62	0	62	17,115,424			
Hecia Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Chemical Waste Management Inc	0	0	0	0	0	0	159	0	0	0	0	0	0	0	7,343	0	7,502	9,444,392			
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	9,328,109			
Monsanto Luling	0	0	71	71	0	0	0	0	0	0	0	0	0	0	0	0	0	71			
Freeport McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	25,925	0	0	0	0	0	0	0	0	0	0	25,925	25,925			
Nyrstar Clarksville Inc	0	0	0	0	0	9,346	0	0	0	0	0	0	0	0	0	0	9,346	5,390,018			
Freeport-McMoran Miami Inc	0	0	0	0	0	6	0	59	0	0	0	0	11,205	0	0	0	11,270	5,011,180			
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ineos USA LLC Green Lake Plant	0	0	0	0	0	311	0	0	0	0	0	0	0	0	0	0	311	4,375,066			
DuPont Delisle Plant	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	12	4,197,892			
Freeport-McMoran Morenci Inc	0	2,694	0	2,694	0	0	0	0	0	0	0	0	0	0	1,445	1,445	4,139	4,178,033			
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Chemical Waste Management	0	0	0	0	0	3,270	0	0	0	0	0	0	0	0	1,158	0	4,428	4,119,422			
Western Mesquite Mines Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Chemical Waste Management of the Northwest Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Quemetco Inc	0	1,077,672	2,369,882	3,447,554	0	0	0	111	0	0	0	0	0	0	0	0	111	3,447,665			
US Ecology Idaho Inc	0	63,500	0	63,500	0	0	0	0	0	0	0	0	0	0	0	0	63,500	3,429,177			
Climax Molybdenum Co Henderson Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Doe Run Co Herculaneum Smelter	0	0	0	0	0	165	0	1,047	0	0	0	0	0	0	0	0	1,212	1,212			
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	68	0	68	0	0	0	0	0	0	0	0	0	0	0	0	68	3,247,692			
Hecia Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
North American Stainless	0	0	3,032,280	3,032,280	0	0	0	0	0	0	0	0	128,617	0	0	128,617	3,160,897	3,193,414			
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			
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	0	38	38			
Clean Harbors Grassy Mountain LLC	0	0	0	0	246	0	0	0	0	0	0	0	0	0	0	0	246	2,827,092			
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Solutia Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ineos USA LLC	0	30	890	920	0	229	0	0	0	0	0	0	0	0	0	0	229	1,149			
Heritage Environmental Services LLC	0	1,920,000	4,100	1,924,100	0	0	0	256	0	0	0	0	0	0	0	490,227	490,483	2,414,583			
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Fort Knox Mine	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	2,365,196			
US DOE Hanford Site	0	0	0	0	0	3,536	0	0	0	0	0	7,501	0	0	501	1,471	13,008	13,008			
Wayne Disposal Inc	0	14,916	154,271	169,187	0	0	0	216	0	0	0	0	0	0	0	0	216	169,403			
Sanders Lead Co Inc	0	1	17	18	0	0	0	13	0	0	0	0	0	0	0	0	13	31			
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Freeport-McMoran Sierrita Inc	0	0	6	6	0	0	0	0	0	0	0	0	0	0	5	10	16	1,946,617			
Chemical Waste Management - Lake Charles Facility	20	0	0	20	0	6,281	0	0	0	0	0	0	0	0	180	6,461	6,481	1,922,350			
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	1,893,693			
Horsehead Corp Monaca Smelter	0	0	1,862,097	1,862,097	0	18,792	0	0	0	0	0	0	0	0	0	18,792	1,880,889	1,892,985			

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

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

Note: On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), 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, 2008: Lead and Lead Compounds

On-site Disposal or Other Releases																			
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	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-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	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	4	0	419,444	419,448	50	73	22	21,422	183,661	0	215,031	29,845	450,104	869,552	8,220	877,772			
2122 Metal Mining	0	0	3,645,230	3,645,230	56,344	7,272	15,356	6,036,927	292	66,129	127,549,720	282,875,419	416,607,458	420,252,688	7,774	420,260,462			
2211 Electric Utilities	21	0	2,839,117	2,839,138	3,777	139,854	83,356	4	82,949	0	2,206,023	500,039	3,016,002	5,855,140	1,718,690	7,573,830			
311/312 Food/Beverages/Tobacco	0	0	0	0	20	18,811	738	0	583	0	606	1,985	22,743	22,743	106,589	129,332			
313/314 Textiles	0	0	0	0	320	2,046	94	0	0	0	1,124	3	3,587	3,587	17,104	20,691			
315 Apparel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000			
316 Leather	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
321 Wood Products	0	266	9,488	9,754	102	6,067	31	0	254	0	157	1,686	8,297	18,051	35,047	53,097			
322 Paper	0	8,545	160,718	169,263	27	22,363	27,698	0	14,785	0	59,877	3,150	127,901	297,163	264,090	561,254			
323/51 Printing and Publishing	0	0	0	0	6	26	0	0	0	0	0	11	43	43	3,599	3,643			
324 Petroleum	584	9	349	943	609	8,311	2,729	68	8,679	6	2,723	1,072	24,198	25,141	377,138	402,279			
325 Chemicals	228,529	883	1,309,014	1,538,426	3,846	17,495	9,233	0	77	0	180,748	99,025	310,424	1,848,850	1,065,927	2,914,777			
326 Plastics and Rubber	0	587	630	1,217	1,083	2,165	31	0	0	0	3	229	3,510	4,727	67,353	72,080			
327 Stone/Clay/Glass	3,287	12	65,998	69,297	3,547	29,729	116	0	15	2	4,120	128,964	166,493	235,790	237,763	473,553			
32731 Cement	0	20,820	305,437	326,257	1,869	7,536	175	0	0	0	17	12,352	21,950	348,207	13,891	362,098			
331 Primary Metals	1,332	144,698	4,459,335	4,605,365	89,924	287,921	15,500	0	1,805	0	3,712,086	5,030,863	9,138,099	13,743,465	14,400,485	28,143,950			
332 Fabricated Metals	0	0	128	128	10,187	10,878	2,742	0	3,831	0	2	12,877	40,517	40,646	467,434	508,079			
333 Machinery	0	0	600	600	3,823	1,917	1,287	0	0	0	0	4	7,032	7,632	97,780	105,412			
334 Computers/Electronic Products	0	5	0	5	785	2,221	355	0	0	0	0	1,829	5,189	5,194	264,874	270,068			
335 Electrical Equipment	0	0	7	7	3,572	15,967	502	0	0	0	170	553	20,764	20,771	1,254,865	1,275,636			
336 Transportation Equipment	0	0	74,932	74,932	1,535	5,250	785	0	0	0	0	9,407	16,977	91,909	298,121	390,030			
337 Furniture	0	0	0	0	415	588	1	0	550	0	0	284	1,837	1,837	3,410	5,247			
339 Miscellaneous Manufacturing	0	253	0	253	1,482	88	27	0	0	0	0	0	1,598	1,851	71,340	73,191			
4246 Chemical Wholesalers	0	0	0	0	0	0	9	0	0	0	0	0	10	10	5,314	5,324			
4247 Petroleum Bulk Terminals	0	0	0	0	13	155	27	0	0	0	0	0	196	196	6,334	6,529			
562 Hazardous Waste Management	80,021	11,687,872	64,410	11,832,304	1,203	2,317	122	0	0	1	462,396	1,499	467,538	12,299,841	2,171,882	14,471,723			
No TRI NAICS Code	0	19,900	2,203,296	2,223,196	316,419	3,545	2,927	0	1	2,480	28,611	4,182,263	4,536,245	6,759,440	325,910	7,085,350			
Total	313,779	11,883,850	15,558,132	27,755,761	500,958	592,596	163,862	6,058,421	297,483	68,618	134,423,415	292,893,360	434,998,712	462,754,474	23,292,933	486,047,407			

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, 2008: 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	544,000	2,186,243	2,730,243	7,651	18,366	6,235	21,415	572	0	374,045	78,515	506,798	3,237,041	952,396	4,189,437		
Alaska	0	0	2,620	2,620	9,674	2,842	188	6,026,639	0	0	71,462,658	123,076,524	200,578,524	200,581,144	8,679	200,589,823		
Arizona	0	0	477,455	477,455	19,982	3,988	6	0	11	0	7,261,864	9,575,566	16,861,417	17,338,872	27,292	17,366,164		
Arkansas	0	913	76,487	77,399	2,307	6,493	2,127	0	13,275	0	11,069	44,548	79,818	157,217	168,337	325,555		
California	0	2,699,309	7,290	2,706,599	8,897	6,136	688	53	0	2	41	4,514,272	4,530,090	7,236,688	834,363	8,071,051		
Colorado	0	253	79,732	79,985	710	1,528	32	0	312	0	3,310,280	2,479,894	5,792,756	5,872,741	47,004	5,919,746		
Connecticut	0	0	238	238	1,656	595	212	0	0	0	0	487	2,951	3,189	318,519	321,708		
Delaware	0	0	27,058	27,058	458	2,254	991	0	0	0	1,145	0	4,848	31,906	41,980	73,886		
District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	114		
Florida	0	0	349,035	349,035	1,992	10,099	1,509	0	535	0	12,387	50,787	77,310	426,345	221,225	647,570		
Georgia	0	0	39,877	39,877	250,682	12,030	1,528	0	1	0	287,492	255,196	806,930	846,807	103,622	950,428		
Guam	0	0	0	0	20	185	0	0	0	0	16	1,264	1,485	1,485	0	1,485		
Hawaii	0	0	0	0	3	2,465	24	7	0	0	0	27,833	30,332	30,332	13,261	43,593		
Idaho	0	2,561,619	100,425	2,662,044	1,036	1,919	1,160	0	215	66,129	2,535,543	2,972,850	5,578,852	8,240,895	210,551	8,451,447		
Illinois	0	1,000,156	104,514	1,104,670	8,290	76,372	3,839	0	348	0	94,833	10,640	194,323	1,298,993	1,025,814	2,324,807		
Indiana	493	305	572,909	573,707	7,012	57,332	3,695	0	82,655	0	285,569	254,304	690,567	1,264,274	5,897,567	7,161,841		
Iowa	0	0	52,222	52,222	2,060	10,226	2,667	0	0	0	2,694	7,514	25,162	77,384	497,054	574,438		
Kansas	25	0	81,831	81,856	1,397	7,261	61	0	0	0	1,647	43,767	54,134	135,991	115,877	251,868		
Kentucky	3,287	0	250,937	254,224	5,557	18,110	2,366	0	1,972	0	446,328	247,347	721,679	975,903	363,449	1,339,352		
Louisiana	0	338,761	545,321	884,082	1,364	13,845	5,244	0	219	0	324,169	28,385	373,226	1,257,308	318,351	1,575,659		
Maine	0	0	6,044	6,044	9	2,149	1,168	0	0	0	0	914	4,241	10,284	39,272	49,556		
Maryland	0	0	162,739	162,739	295	2,190	240	6	14,636	0	0	10,213	27,581	190,320	174,952	365,272		
Massachusetts	0	0	1,483	1,483	2,417	654	16	0	2	0	967	14,295	18,351	19,834	108,489	128,323		
Michigan	0	60,717	105,311	166,028	2,999	15,575	630	0	0	0	98,916	24,189	142,309	308,337	483,294	791,632		
Minnesota	0	0	47,564	47,564	1,943	6,485	835	0	0	0	14,918	36,906	61,087	108,651	321,320	429,970		
Mississippi	228,516	0	716,737	945,253	1,330	4,992	957	0	0	0	5,747	63,752	76,777	1,022,030	72,940	1,094,970		
Missouri	0	93,425	56,301	149,726	59,306	49,551	15,950	0	13	0	20,244,006	5,312,329	25,681,154	25,830,880	1,199,781	27,030,661		
Montana	0	51	925,968	926,019	2,092	1,684	444	10,288	150	0	2,355,987	4,428,474	6,799,118	7,725,138	12,836	7,737,974		
Nebraska	0	0	30,372	30,372	2,371	6,123	323	0	0	0	0	4,909	13,727	44,099	629,629	673,728		
Nevada	0	195,753	320,674	516,427	2,185	2,333	9	0	36	0	9,264,555	81,146,952	90,416,070	90,932,497	7,754	90,940,251		
New Hampshire	0	0	0	0	16	366	5	0	0	0	450	0	837	837	12,763	13,600		
New Jersey	0	633	0	633	1,176	2,519	359	0	0	2,480	0	88,177	94,712	95,345	197,527	292,871		
New Mexico	0	0	133,109	133,109	2,520	745	130	0	12	0	106,418	8,275,023	8,384,847	8,517,956	48,058	8,566,014		
New York	0	113,000	53,956	166,956	1,850	8,572	1,965	0	16	0	107,375	79,188	198,966	365,923	171,973	537,896		
North Carolina	0	0	100,645	100,645	6,730	10,910	3,348	0	39	0	148,890	674,012	843,928	944,573	158,725	1,103,298		
North Dakota	0	0	20,500	20,500	12	8,037	471	12	0	0	37,516	17,388	63,437	83,937	47,498	131,434		
Northern Mariana Islands	0	0	0	0	1	0	0	0	0	0	1	0	3	3	0	3		
Ohio	10,567	1,360,000	422,524	1,793,091	11,099	50,107	4,730	0	24,400	0	263,108	4,505	357,949	2,151,040	1,948,640	4,099,680		
Oklahoma	325	1,067,006	25,322	1,092,654	2,697	6,989	373	0	7,449	0	2,736	65,116	85,360	1,178,014	70,545	1,248,558		
Oregon	0	587,333	65,816	653,149	226	1,738	2,549	0	22	0	290	10,089	14,915	668,065	100,162	768,227		
Pennsylvania	0	5	346,861	346,866	23,567	49,729	4,196	0	820	1	462,519	43,347	584,179	931,045	3,741,942	4,672,988		
Puerto Rico	0	0	0	0	34	2,297	76	0	0	0	0	10,096	12,503	12,503	9,053	21,556		
Rhode Island	0	0	0	0	5	19	0	0	0	0	0	1,116	1,141	1,141	22,465	23,606		
South Carolina	0	0	226,760	226,760	14,442	9,443	1,334	0	141	0	218,721	304,290	548,371	775,131	233,687	1,008,818		
South Dakota	0	0	2,099,387	2,099,387	1,918	188	688	0	0	0	2	190	2,985	2,102,372	9,272	2,111,644		
Tennessee	0	33	333,830	333,863	2,547	10,250	73,522	0	0	0	5,360,840	38,134	5,485,293	5,819,156	448,060	6,267,216		
Texas	70,561	144,941	545,461	760,964	10,158	40,928	6,431	0	55,275	6	492,909	405,039	1,010,745	1,771,709	739,052	2,510,761		
Utah	0	1,095,013	1,083,997	2,179,011	3,178	8,082	48	0	245	0	5,669,364	47,557,033	53,237,950	55,416,961	224,413	55,641,374		
Vermont	0	0	0	0	12	13	0	0	0	0	0	16,093	16,118	16,118	7,569	23,688		
Virgin Islands	0	0	0	0	0	318	0	0	1	0	0	52	371	371	327	697		
Virginia	0	0	88,629	88,629	4,679	12,832	3,395	0	3,836	0	52,351	304,154	381,246	469,875	229,479	699,355		
Washington	0	19,931	2,204,024	2,223,956	247	4,613	4,738	0	42	0	2,962,750	204,406	3,176,797	5,400,753	106,203	5,506,956		
West Virginia	0	106	378,357	378,463	3,981	6,104	1,459	0	90,231	0	113,710	21,136	236,622	615,085	229,310	844,395		
Wisconsin	0	587	9,219	9,806	4,070	9,863	876	0	0	0	6	61,138	75,953	85,759	308,195	393,954		
Wyoming	4	0	92,349	92,353	95	4,153	28	0	2	0	26,580	1,009	31,866	124,219	12,889	136,509		
Total	313,779	11,883,850	15,558,132	27,755,761	500,958	592,596	163,862	6,058,421	297,483	68,618	134,423,415	292,893,360	434,998,712	462,754,474	23,292,933	486,047,407		

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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, 2008: 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												
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 Impoundments Pounds	Surface Impoundments Pounds	Other Surface Impoundments Pounds	Other Land Disposal Pounds	Subtotal Pounds		Total On-site Disposal or Other Releases Pounds	
Red Dog Operations	Kotzebue	AK	2122	1	0	0	0	0	7,548	81	5	0	0	0	0	70,969,712	112,654,910	183,632,256	183,632,256		
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	340	0	0	0	0	0	0	4,500,000	48,000,000	52,500,340	52,500,340		
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	1	0	64,888	0	64,888	1,644	12	9	0	245	0	0	2,796,695	47,514,513	50,313,218	50,313,218		
Hecia Greens Creek Mining Co	Juneau	AK	2122	1	0	0	0	0	161	18	140	6,026,639	0	0	0	0	8,535,404	14,562,362	14,562,362		
Robinson Nevada Mining Co	Ruth	NV	2122	1	0	0	0	0	33	0	9	0	0	0	0	731,000	13,100,000	13,831,042	13,831,042		
Buick Mine/Mill	Boss	MO	2122	1	0	0	0	0	15,881	500	8,209	0	0	0	0	9,588,000	2,656,000	12,268,590	12,268,590		
Cortez Gold Mines	Crescent Valley	NV	2122	1	0	0	0	0	91	47	0	0	18	0	0	296,338	9,017,538	9,314,033	9,314,033		
Freepport-McMoran Tyrone Inc	Tyrone	NM	2122	1	0	0	0	0	37	0	0	0	0	0	0	7,180,000	7,180,037	7,180,037	7,180,037		
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	1	1	310	74	0	0	18	0	0	2,400,000	3,100,000	5,500,402	5,500,403		
Nyrstar Clarksville Inc	Clarksville	TN	2122	1	0	0	0	0	10	1,504	314	0	0	0	0	5,168,659	0	5,170,487	5,170,487		
Fletcher Mine/Mill	Centerville	MO	2122	1	0	0	0	0	8,043	200	3,150	0	0	0	0	4,960,000	0	4,971,393	4,971,393		
Barick Goldstrike Mines Inc	Elko	NV	2122	1	0	187	0	187	54	7	0	0	0	0	0	639,302	4,095,880	4,735,243	4,735,430		
Western Mesquite Mines Inc.	Brawley	CA	2122	1	0	0	0	0	15	0	0	0	0	0	0	4,078,067	4,078,067	4,078,082	4,078,082		
Freepport-McMoran Morenci Inc	Morenci	AZ	2122	1	0	0	0	0	863	16	0	0	0	0	0	3,040,000	959,000	3,999,879	3,999,879		
Freepport-McMoran Miami Inc	Claypool	AZ	2122	1	0	0	0	0	7,420	2,370	1	0	0	0	0	0	3,840,000	3,849,791	3,849,791	3,849,791	
Montana Resources LLP	Butte	MT	2122	1	0	0	0	0	0	0	0	0	0	0	0	3,657,048	3,657,048	3,657,048	3,657,048		
Brushy Creek Mine/Mill	Bunker	MO	2122	1	0	0	0	0	5,471	0	1,343	0	0	0	0	3,646,000	0	3,652,814	3,652,814		
Climax Molybdenum Co Henderson Mill	Parshall	CO	2122	1	0	0	0	0	6	7	0	0	0	0	0	3,310,000	0	3,310,013	3,310,013		
Hecia Ltd Lucky Friday Mine Unit	Mullan	ID	2122	1	0	0	0	0	25	86	384	0	0	0	0	1,652,762	1,559,999	3,213,256	3,213,256		
Quemetco Inc	Indianapolis	IN	331	1	0	0	0	0	0	1,259	0	0	0	0	0	0	0	1,259	1,259		
Pend Oreille Mine	Metalline Falls	WA	2122	1	0	0	0	0	140	298	47	0	0	0	0	2,943,576	0	2,944,060	2,944,060		
Kennecott Utah Copper Smelter & Refinery	Magna	UT	331	1	0	0	0	0	1,052	5,286	28	0	0	0	0	2,860,077	0	2,866,442	2,866,442		
Montana Tunnels Mining Inc	Jefferson City	MT	2122	1	0	851,085	0	851,085	847	1	0	0	0	0	0	1,868,327	0	1,869,175	2,720,260		
US Ecology Idaho Inc	Grand View	ID	562	2	2,561,619	0	0	2,561,619	44	578	0	0	0	0	0	0	0	622	2,562,241		
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	Hayden	AZ	331	1	0	535	0	535	9,243	465	0	0	0	0	0	2,531,441	2,541,149	2,541,684	2,541,684		
Doe Run Co Herculesum Smelter	Herculesum	MO	331	1	0	0	0	0	2,808	35,775	193	0	0	0	0	2,495,608	2,534,384	2,534,384	2,534,384		
Chemical Waste Management Inc	Kettleman City	CA	562	1	2,425,313	415	0	2,425,728	172	1	0	0	0	1	0	0	0	174	2,425,902		
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	94	27	0	0	0	0	0	2,402,430	2,402,552	2,402,552	2,402,552		
US DOE Hanford Site	Richland	WA	2122	1	0	19,900	2,200,157	2,220,057	6	1	0	0	0	0	0	9,611	0	9,618	2,229,675		
Fort Knox Mine	Fairbanks	AK	2122	1	0	0	0	0	23	0	0	0	0	0	0	492,946	1,697,950	2,190,919	2,190,919		
Wharf Resources	Lead	SD	2122	1	0	2,087,100	0	2,087,100	1,900	19	0	0	0	0	0	0	0	1,919	2,089,019		
Sweetwater Mine/Mill	Ellington	MO	2122	1	0	0	0	0	3,115	0	1,186	0	0	0	0	2,022,000	0	2,026,301	2,026,301		
Sanders Lead Co Inc	Troy	AL	331	1	0	1,990,627	0	1,990,627	2,989	6,201	178	0	0	0	0	0	0	9,368	1,999,995		
ASARCO LLC Mission Complex	Sahuarita	AZ	2122	1	0	0	0	0	5	42	0	0	11	0	0	1,629,764	0	1,629,823	1,629,823		
Smoky Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	1	0	0	0	0	0	0	174,000	1,330,000	1,504,001	1,504,001		
Freepport-McMoran Sierra Inc	Green Valley	AZ	2122	1	0	0	0	0	70	11	0	0	0	0	0	784,000	625,000	1,409,081	1,409,081		
Thompson Creek Mining Co	Clayton	ID	2122	1	0	0	0	0	4	2	0	0	0	0	0	503,758	894,705	1,398,469	1,398,469		
BHP Copper Inc Pinto Valley Operation	Miami	AZ	2122	1	0	0	0	0	89	176	0	0	0	0	0	685,997	683,067	1,369,329	1,369,329		
EnviroSafe Services of Ohio Inc	Oregon	OH	562	1	0	1,360,000	0	1,360,000	24	2	0	0	0	0	0	0	0	27	1,360,027		
Nucor Corp Nucor Steel Div	Plymouth	UT	331	1	0	826,592	0	826,592	5	569	0	0	0	0	0	0	0	575	827,166		
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	1	0	278	0	278	37	3	0	0	0	0	0	250,066	1,089,860	1,339,966	1,340,244		
Horsehead Corp Monaca Smelter	Monaca	PA	331	1	0	0	0	0	79	10,760	90	0	0	0	0	0	0	10,929	10,929		
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	5	5	37	0	0	0	0	0	0	476,349	738,454	1,214,840	1,214,845		
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Wayhoka	OK	562	1	1,067,006	0	0	1,067,006	27	37	0	0	0	0	0	0	0	64	1,067,070		
Buick Resource Recycling Facility LLC	Boss	MO	331	1	0	0	0	0	22,742	2,582	1,720	0	0	0	0	0	0	27,044	27,044		
Peoria Disposal Co #1	Peoria	IL	562	1	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000		
Exide Technologies Reading Smelter Div	Reading	PA	339	2	0	0	0	0	173	1,834	68	0	0	0	0	0	0	2,076	2,076		
EnergySolutions LLC	Clive	UT	562	1	0	912,476	3,769	916,245	0	0	0	0	0	0	0	0	0	0	916,245		
DuPont Delisle Plant	Pass Christian	MS	325	1	228,516	0	672,775	901,291	0	43	15	0	0	0	0	0	1	59	901,350		
Freepport-McMoran Safford Inc	Safford	AZ	2122	1	0	0	0	0	45	0	0	0	0	0	0	888,000	888,045	888,045	888,045		

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 (5.5.3B) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection to Class I Wells (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M81), 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, 2008: 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	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	11	11	11	183,632,267
Newmont Mining Corp Copper Canyon Facility	0	44	0	44	0	0	0	0	0	0	0	0	0	0	0	0	44	44	52,500,384
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,378,106
Hecia Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,562,263
Robinson Nevada Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,831,042
Buick Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,268,590
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	9,314,033
Freepport-McMoran Tyrone Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,180,037
Newmont Mining Corp - Carlin South Area	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	5,500,410
Nyrstar Clarksville Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,170,487
Fletcher Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,971,393
Barrick Goldstrike Mines Inc	0	1,251	0	1,251	0	0	0	0	0	0	0	0	0	0	0	0	0	1,251	4,736,681
Western Mesquite Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,078,082
Freepport-McMoran Morenci Inc	0	2,444	0	2,444	0	0	0	0	0	0	0	0	0	0	0	1,440	1,440	3,884	4,003,763
Freepport-McMoran Miami Inc	0	0	0	0	0	6	0	34	0	0	0	0	0	0	0	0	40	40	3,849,830
Montana Resources LLP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,657,048
Brushy Creek Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,652,814
Climax Molybdenum Co Henderson Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,310,013
Hecia Ltd Lucky Friday Mine Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,213,256
Quemetsco Inc	941,278	2,226,462	3,167,740	0	0	0	0	85	0	0	0	0	0	0	0	0	85	3,167,825	3,169,084
Pend Oreille Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	36	36	2,944,096	
Kennecott Utah Copper Smelter & Refinery	0	0	0	0	0	6,029	0	0	0	0	0	0	0	0	0	6,029	6,029	2,872,471	2,872,471
Montana Tunnels Mining Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,720,260
US Ecology Idaho Inc	0	6,705	0	6,705	0	0	0	0	0	0	0	0	0	0	0	0	0	6,705	2,568,946
ASARCO LLC Ray Complex/ Hayden Smelter & Concentrator	0	39	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	39	2,541,723
Doe Run Co Herculeaneum Smelter	0	0	0	0	0	159	0	983	0	0	0	0	0	0	0	1,142	1,142	2,535,526	2,535,526
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	458	0	458	458	2,426,360	
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,402,552
US DOE Hanford Site	0	0	0	0	0	3,536	0	0	0	0	0	7,501	0	0	501	1,471	13,008	2,242,684	2,242,684
Fort Knox Mine	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	4	2,190,923
Wharf Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,089,019
Sweetwater Mine/Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,026,301
Sanders Lead Co Inc	0	1	17	18	0	0	0	5	0	0	0	0	0	0	0	0	23	23	2,000,018
ASARCO LLC Mission Complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,629,823
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5	5	1,504,006
Freepport-McMoran Sierita Inc	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1,409,082
Thompson Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,398,469
BHP Copper Inc Pinto Valley Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	1,369,331	
EnviroSafe Services of Ohio Inc	4	109	0	113	0	0	47	0	0	0	0	0	0	0	0	0	47	159	1,360,186
Nucor Corp Nucor Steel Div	0	517,759	40	517,800	0	0	0	0	0	0	0	0	0	0	0	0	0	517,800	1,344,966
Newmont Mining Corp Twin Creeks Mine	0	476	0	476	0	0	0	0	0	0	0	0	0	0	0	0	0	476	1,340,720
Horsehead Corp Monica Smelter	0	0	1,279,110	1,279,110	0	18,585	0	0	0	0	0	0	0	0	0	0	18,585	1,297,695	1,308,624
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,214,845
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	1,067,070
Buick Resource Recycling Facility LLC	0	1,008,240	0	1,008,240	0	0	0	0	0	0	0	0	0	0	0	0	0	1,008,240	1,035,284
Peoria Disposal Co #1	0	0	22,000	22,000	0	0	0	1	0	0	0	0	0	0	0	0	1	22,001	1,022,001
Exide Technologies Reading Smelter Div	0	0	353,204	353,204	0	641,726	0	6	0	0	0	0	0	1	0	0	641,732	994,937	997,013
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	916,245
DuPont Delisle Plant	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	901,351	901,351
Freepport-McMoran Safford Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	888,045

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 (M61), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), RCRA Subtitle C Surface Impoundments (M66), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1, Transfers to POTWs (metals and metal category compounds only).

TRI On-site and Off-site Disposal or Other Releases, by Industry, 2008: 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	1,711	1,711	3	8	1	19	2,610	0	956	405	4,002	5,714	36	5,750		
2122 Metal Mining	0	0	19,968	19,968	400	4,235	14	5,320	14	0	589,019	4,868,241	5,467,243	5,487,211	491	5,487,703		
2211 Electric Utilities	0	0	24,709	24,709	21	89,422	968	0	964	0	13,191	1,705	106,272	130,981	19,291	150,271		
311/312 Food/Beverages/Tobacco	0	0	0	0	0	612	1,572	0	0	0	23	32	2,239	2,239	920	3,159		
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	5	0	0	0	0	0	0	5	6	1	7		
322 Paper	0	19	593	611	7	1,915	155	0	28	0	212	4	2,320	2,931	1,849	4,780		
323/51 Printing and Publishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
324 Petroleum	9	0	17	26	121	1,881	159	3	76	3	7	150	2,400	2,427	3,153	5,580		
325 Chemicals	115	37	4,341	4,492	2,924	2,473	172	0	1	0	175	1,591	7,336	11,827	57,624	69,451		
326 Plastics and Rubber	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18		
327 Stone/Clay/Glass	12	0	68	80	44	814	2	0	0	0	34	698	1,592	1,672	65	1,738		
32731 Cement	0	4	1,045	1,049	35	9,213	0	0	0	0	0	8	9,255	10,304	160	10,464		
331 Primary Metals	0	8	202	210	191	8,326	49	0	28	0	4,257	544	13,397	13,607	7,830	21,437		
332 Fabricated Metals	0	0	15	15	0	4	6	0	0	0	0	0	10	24	8	33		
333 Machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,262	3,262		
334 Computers/Electronic Products	0	0	0	0	23	7	0	0	0	0	0	0	30	30	29	59		
335 Electrical Equipment	0	0	0	0	160	150	1	0	0	0	0	0	311	311	3,042	3,353		
336 Transportation Equipment	0	0	0	0	0	11	0	0	0	0	0	0	11	11	6	17		
339 Miscellaneous Manufacturing	0	0	0	0	1	1	0	0	0	0	0	0	2	2	628	630		
4246 Chemical Wholesalers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	618	618		
4247 Petroleum Bulk Terminals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
562 Hazardous Waste Management	135	333,792	53	333,980	43	1,363	1	0	0	0	82	0	1,490	335,469	69,057	404,526		
No TRI NAICS Code	0	0	22	22	13	61	0	0	0	0	0	0	74	96	930	1,026		
Total	271	333,860	52,745	386,876	3,987	120,500	3,100	5,343	3,721	3	607,957	4,873,378	5,617,988	6,004,864	169,021	6,173,884		

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, 2008: 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					
Alabama	0	219,000	282	219,282	332	5,471	75	19	1	0	1,775	45	7,720	227,002	11,081	238,083		
Alaska	0	0	22	22	9	62	2	5,317	0	0	21,321	46,196	72,907	72,929	20	72,949		
Arizona	0	0	1,073	1,073	12	2,037	1	0	2	0	26,071	5,665	33,788	34,861	25	34,886		
Arkansas	0	0	30	30	32	2,733	5	0	11	0	15	14	2,809	2,839	36	2,874		
California	0	14,082	57	14,138	42	3,002	2	0	0	0	0	9,137	12,183	26,321	2,147	28,468		
Colorado	0	0	1,139	1,139	22	1,343	12	0	3	0	5	1,804	3,189	4,327	202	4,530		
Connecticut	0	0	0	0	3	82	1	0	0	0	0	0	86	86	355	441		
Delaware	0	0	92	92	1	617	7	0	0	0	0	0	625	717	15,895	16,612		
Florida	0	0	3,126	3,126	1	2,093	8	0	0	0	578	0	2,680	5,807	3,370	9,177		
Georgia	0	0	128	128	78	4,178	32	0	0	0	1,797	22	6,107	6,235	82	6,317		
Hawaii	0	0	0	0	1	54	4	2	0	0	0	0	60	60	63	123		
Idaho	0	2,538	931	3,469	0	638	2	0	0	0	696	1,902	3,238	6,707	4	6,711		
Illinois	0	84	14	98	29	5,203	23	0	1	0	186	117	5,559	5,657	6,462	12,118		
Indiana	0	0	1,250	1,250	47	5,432	44	0	59	0	1,082	617	7,282	8,532	2,933	11,465		
Iowa	0	0	476	476	1	2,953	7	0	0	0	23	5	2,990	3,466	1,202	4,668		
Kansas	1	0	297	297	9	2,430	0	0	0	0	3	0	2,442	2,740	294	3,034		
Kentucky	12	0	750	762	32	3,293	213	0	6	0	1,186	0	4,729	5,491	538	6,028		
Louisiana	0	66,019	318	66,336	1,073	2,328	92	0	0	0	1,875	493	5,862	72,199	30,818	103,017		
Maine	0	0	16	16	0	63	2	0	0	0	0	0	65	80	44	124		
Maryland	0	0	29	29	1	2,200	1	0	1,698	0	0	0	3,900	3,929	3,846	7,776		
Massachusetts	0	0	0	0	0	102	0	0	0	0	3	1	107	107	86	193		
Michigan	0	1,225	688	1,913	119	4,084	44	0	0	0	532	14	4,793	6,706	652	7,359		
Minnesota	0	0	233	233	24	1,380	0	0	0	0	51	17	1,474	1,707	193	1,899		
Mississippi	114	0	508	622	1	844	20	0	0	0	1	0	866	1,488	269	1,757		
Missouri	0	0	188	188	2	4,653	2	0	0	0	244	145	5,046	5,233	2,122	7,355		
Montana	0	0	943	943	2	1,154	1	3	5	0	513	1,563	3,241	4,183	96	4,279		
Nebraska	0	0	608	608	0	1,637	0	0	0	0	0	2	1,639	2,247	61	2,307		
Nevada	0	3,957	20,248	24,205	383	4,174	0	0	9	0	536,923	4,776,593	5,318,083	5,342,289	485	5,342,774		
New Hampshire	0	0	0	0	0	171	0	0	0	0	8	0	179	179	115	295		
New Jersey	0	11	0	11	5	246	2	0	0	0	0	0	252	264	853	1,117		
New Mexico	0	0	621	621	2	809	0	0	0	0	243	226	1,280	1,901	69	1,970		
New York	0	85	357	441	14	978	16	0	0	0	3,646	1,214	5,868	6,310	1,330	7,640		
North Carolina	0	0	567	567	0	2,574	151	0	0	0	1,129	634	4,487	5,055	586	5,641		
North Dakota	0	0	124	124	0	2,776	0	1	0	0	284	16	3,077	3,201	81	3,282		
Ohio	16	210	1,919	2,145	173	7,187	83	0	259	0	2,007	8	9,718	11,863	2,953	14,816		
Oklahoma	0	17,909	132	18,041	7	1,597	2	0	26	0	85	0	1,717	19,758	599	20,357		
Oregon	0	465	29	494	0	1,777	0	0	0	0	0	0	1,777	2,271	114	2,385		
Pennsylvania	0	0	5,549	5,549	10	7,451	10	0	13	0	88	199	7,770	13,319	10,956	24,274		
Puerto Rico	0	0	0	0	0	285	0	0	0	0	0	0	286	286	20	305		
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8		
South Carolina	0	4	259	263	10	1,442	5	0	1	0	432	0	1,891	2,154	229	2,383		
South Dakota	0	0	100	100	0	252	1,572	0	0	0	0	0	1,824	1,925	177	2,102		
Tennessee	0	17	820	837	243	2,599	475	0	0	0	583	207	4,107	4,945	2,784	7,729		
Texas	128	390	2,097	2,616	27	15,089	105	0	709	3	2,104	405	18,441	21,057	5,020	26,077		
Utah	0	7,856	1,390	9,246	3	926	2	0	4	0	758	25,892	27,585	36,831	52,903	89,734		
Vermont	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	53		
Virgin Islands	0	0	0	0	0	4	0	0	0	0	0	0	4	4	28	32		
Virginia	0	0	641	641	0	1,380	15	0	0	0	420	41	1,856	2,497	838	3,335		
Washington	0	0	8	8	1	560	24	0	44	0	8	35	672	680	175	855		
West Virginia	0	8	3,528	3,536	150	3,891	22	0	869	0	1,102	114	6,149	9,685	1,403	11,088		
Wisconsin	0	0	49	49	1,080	2,520	17	0	0	0	0	10	3,627	3,677	3,781	7,458		
Wyoming	0	0	1,111	1,111	4	1,744	0	0	0	0	178	23	1,950	3,061	565	3,626		
Total	271	333,860	52,745	386,876	3,987	120,500	3,100	5,343	3,721	3	607,957	4,873,378	5,617,988	6,004,864	169,021	6,173,884		

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.

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The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2006: Mercury and Mercury Compounds

					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										
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		
Barrick Goldstrike Mines Inc	Elko	NV	2122	1	0	0	1	1	11	1,073	0	0	0	0	236,946	1,585,991	1,824,021	1,824,022	
Newmont Mining Corp - Carlin North Area	Carlin	NV	2122	1	0	0	0	0	110	3	0	0	0	0	0	1,300,000	1,300,113	1,300,113	
Newmont Mining Corp Twin Creeks Mine	Golconda	NV	2122	1	0	0	0	0	151	1,686	0	0	0	0	215,234	977,441	1,194,512	1,194,512	
Newmont Mining Corp - Carlin South Area	Carlin	NV	2122	1	0	0	0	0	34	420	0	0	0	0	68,000	330,000	398,455	398,455	
Ruby Hill Mine	Eureka	NV	2122	1	0	0	0	0	11	34	0	0	0	0	0	294,386	294,431	294,431	
Chemical Waste Management	Emelle	AL	562	1	0	219,000	0	219,000	0	97	0	0	0	0	0	0	97	219,097	
Cortez Gold Mines	Crescent Valley	NV	2122	1	0	0	23	23	18	75	0	0	9	0	15,644	64,886	80,632	80,655	
Bald Mountain Mine	Elko	NV	2122	1	0	0	9	9	25	279	0	0	0	0	0	76,319	76,623	76,632	
Marigold Mining Co	Valmy	NV	2122	1	0	0	0	0	2	6	0	0	0	0	0	70,295	70,303	70,303	
Newmont Mining Corp Copper Canyon Facility	Battle Mountain	NV	2122	1	0	0	0	0	2	2	0	0	0	0	0	70,000	70,004	70,004	
Chemical Waste Management - Lake Charles Facility	Sulphur	LA	562	1	0	66,000	0	66,000	3	0	0	0	0	0	0	0	3	66,003	
Clean Harbors Aragonite LLC	Grantsville	UT	562	2	0	0	0	0	0	3	0	0	0	0	0	0	3	3	
Red Dog Operations	Kotzebue	AK	2122	1	0	0	0	0	8	2	1	0	0	0	20,233	29,242	49,486	49,486	
Freeport-McMoran Morenci Inc	Morenci	AZ	2122	1	0	0	0	0	6	0	0	0	0	0	24,300	3,670	28,176	28,176	
Kennecott Utah Copper Mine Concentrators & Power Plant	Copperton	UT	2122	1	0	0	9	9	1	45	1	0	4	0	12	25,786	25,848	25,858	
Pioneer Americas LLC (Dba Olin Chlor Alkali Products)	Saint Gabriel	LA	325	1	0	0	0	0	679	2	15	0	0	0	0	0	696	696	
Jerritt Canyon Mine	Elko	NV	2122	1	0	0	19,708	19,708	0	218	0	0	0	0	0	176	394	20,102	
Clean Harbors Lone Mountain LLC Lone Mountain Facility	Waycross	OK	562	1	0	17,909	0	17,909	5	1	0	0	0	0	0	0	6	17,915	
Occidental Chemical Corp	New Castle	DE	325	1	0	0	0	0	0	0	5	0	0	0	0	0	6	6	
Chemical Waste Management Inc	Kettleman City	CA	562	1	0	13,816	0	13,816	0	0	0	0	0	0	0	0	0	13,816	
Occidental Chemical Corp	Muscle Shoals	AL	325	1	0	0	0	0	322	1	9	0	0	0	0	0	331	331	
Hecla Greens Creek Mining Co	Juneau	AK	2122	1	0	0	0	0	0	5	0	5,317	0	0	0	7,001	12,323	12,323	
Western Mesquite Mines Inc.	Brawley	CA	2122	1	0	0	0	0	0	0	0	0	0	0	0	9,121	9,121	9,121	
Pogo Mine	Delta Junction	AK	2122	1	0	0	0	0	0	1	0	0	0	0	0	6,557	6,558	6,558	
PPG Industries Inc	Westlake	LA	325	3	0	0	0	0	360	3	40	0	0	0	0	0	404	404	
Clean Harbors Grassy Mountain LLC	Grantsville	UT	562	2	0	6,143	0	6,143	1	0	0	0	0	0	0	0	1	6,144	
Smoky Valley Common Operation	Round Mountain	NV	2122	1	0	0	0	0	0	5	0	0	0	0	673	4,500	5,179	5,179	
St Lawrence Zinc Co Balmat 4 Mine & Mill	Gouverneur	NY	2122	1	0	0	0	0	14	2	3	0	0	0	3,646	1,214	4,879	4,879	
Clean Harbors Services Inc	Chicago	IL	562	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fort Knox Mine	Fairbanks	AK	2122	1	0	0	0	0	0	0	0	0	0	0	1,088	3,396	4,484	4,484	
US Ecology Nevada Inc.	Beatty	NV	562	0	0	3,957	0	3,957	0	0	0	0	0	0	0	0	0	3,957	
RRI Energy Inc Keystone Power Plant	Shellecta	PA	2211	1	0	0	1,898	1,898	0	1,000	1	0	0	0	0	0	1,001	2,898	
Horsehead Corp Monaca Smelter	Monaca	PA	331	1	0	0	0	0	0	33	0	0	0	0	0	0	33	33	
US Ecology Idaho Inc	Grand View	ID	562	1	0	2,538	0	2,538	0	1	0	0	0	0	0	0	1	2,539	
PCS Phosphate White Springs	White Springs	FL	325	1	0	0	2,402	2,402	0	1	0	0	0	0	0	0	1	2,403	
Erco Worldwide (USA) Inc	Nekosoa	WI	325	1	0	0	0	0	1,078	15	1	0	0	0	0	0	1,094	1,094	
Fluoreve Pump Div	Taneytown	MD	333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
American Electric Power Gavin Plant	Cheshire	OH	2211	1	0	0	1,265	1,265	0	937	9	0	36	0	8	0	990	2,255	
Limestone Electric Generating Station	Jewett	TX	2211	1	0	0	823	823	0	1,251	0	0	0	0	0	0	1,251	2,074	
EaglePicher Technologies LLC	Joplin	MO	335	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Golden Sunlight Mines Inc	Whitehall	MT	2122	1	0	0	0	0	0	0	0	0	0	0	507	1,540	2,047	2,047	
RRI Energy Inc Conemaugh Power Plant	New Florence	PA	2211	1	0	0	1,594	1,594	0	416	3	0	0	0	0	0	419	2,013	
Colstrip Steam Electric Station	Colstrip	MT	2211	1	0	0	940	940	0	910	0	0	0	0	0	0	910	1,850	
Scherer Steam Electric Generating Plant	Juliette	GA	2211	1	0	0	0	0	0	1,589	0	0	0	0	250	0	1,839	1,839	
Martin Lake Steam Electric Station	Tatum	TX	2211	1	0	0	67	67	5	1,764	0	0	0	0	0	0	1,769	1,836	
Cripple Creek & Victor Gold Mining Co	Victor	CO	2122	1	0	0	0	0	0	13	0	0	0	0	0	1,787	1,800	1,800	
Gramercy Alumina LLC	Gramercy	LA	331	1	0	0	0	0	0	0	21	0	0	0	1,771	0	1,792	1,792	
Alcoa World Alumina LLC	Point Comfort	TX	331	1	0	0	3	3	0	1,226	0	0	0	0	474	64	1,763	1,767	
EnergySolutions LLC	Clive	UT	562	1	0	1,713	30	1,742	0	0	0	0	0	0	0	0	0	1,742	
Big Brown Steam Electric Station	Fairfield	TX	2211	1	0	0	129	129	0	1,596	0	0	0	0	0	0	1,596	1,725	

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 (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 (M86), Other Surface Impoundments (M67, M63), Land Treatment (M73), Other Land Disposal (M79), Underground Injection to Class II-V Wells (M82, M71), Other Off-site Management (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).

11/20/09

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2006: 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	1,824,022	0		
Newmont Mining Corp - Carlin North Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300,113	0		
Newmont Mining Corp Twin Creeks Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,194,512	0		
Newmont Mining Corp - Carlin South Area	0	3	0	3	0	0	0	0	0	0	0	0	0	0	480	0	480	398,938	483		
Ruby Hill Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294,431	0		
Chemical Waste Management	0	0	0	0	0	4	0	0	0	0	0	0	0	0	2,761	0	2,765	221,862	2,765		
Cortez Gold Mines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	80,656	1		
Bald Mountain Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	76,632	1		
Marigold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70,303	0		
Newmont Mining Corp Copper Canyon Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70,004	0		
Chemical Waste Management - Lake Charles Facility	0	0	0	0	0	913	0	0	0	0	0	0	0	0	1	0	0	66,917	914		
Clean Harbors Aragonite LLC	0	48,202	0	48,202	0	552	0	0	0	0	0	0	0	0	7	10,251	10,810	59,015	59,012		
Red Dog Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49,486	0		
Freeport-McMoran Morenci Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28,176	0		
Kennecott Utah Copper Mine Concentrators & Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,858	0		
Pioneer Americas LLC (Dba Olin Chlor Alkali Products)	0	484	8	492	0	23,200	0	0	0	0	0	0	0	0	0	0	23,200	24,388	23,692		
Jerritt Canyon Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,102	0		
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	17,915	0		
Occidental Chemical Corp	0	0	0	0	0	15,828	0	0	0	0	0	0	0	0	693	0	16,520	16,520	16,526		
Chemical Waste Management Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	0	14,066	14,066	0		
Occidental Chemical Corp	0	571	0	571	0	3,356	0	0	0	0	0	0	0	0	8,880	0	12,236	12,806	13,137		
Hecla Greens Creek Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,323	0		
Western Mesquite Mines Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,121	0		
Pogo Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,558	0		
PPG Industries Inc	0	6,063	0	6,063	0	0	0	0	0	0	0	0	0	0	0	0	0	6,063	6,466		
Clean Harbors Grassy Mountain LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,144	0		
Smoky Valley Common Operation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,179	0		
St Lawrence Zinc Co Balmat 4 Mine & Mill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,879	0		
Clean Harbors Services Inc	6	1,780	6	1,792	289	2,697	0	0	0	0	0	0	0	0	0	0	2,985	4,777	4,777		
Fort Knox Mine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,484	0		
US Ecology Nevada Inc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3,958	1		
RRI Energy Inc Keystone Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,898	0		
Horsehead Corp Monaca Smelter	0	0	37	37	0	2,601	0	0	0	0	0	0	0	0	0	0	2,601	2,638	2,671		
US Ecology Idaho Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,539	0		
PCS Phosphate White Springs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,403	0		
Erco Worldwide (USA) Inc	0	1,256	4	1,260	0	0	0	0	0	0	0	0	0	0	0	0	0	1,260	2,354		
Flowserve Pump Div	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,322	0	2,322	2,322	0		
American Electric Power Gavin Plant	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	2,264		
Limestone Electric Generating Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,074	0		
EaglePicher Technologies LLC	0	0	0	0	2,070	0	0	0	0	0	0	0	0	0	0	0	2,070	2,070	2,070		
Golden Sunlight Mines Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,047	0		
RRI Energy Inc Conemaugh Power Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,013	0		
Colstrip Steam Electric Station	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	1,860	10		
Scherer Steam Electric Generating Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	1,844	5		
Martin Lake Steam Electric Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,836	0		
Cripple Creek & Victor Gold Mining Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,800	0		
Gramercy Alumina LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,792	0		
Alcoa World Alumina LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,767	0		
EnergySolutions LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,742	0		
Big Brown Steam Electric Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,725	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/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, 2008: Dioxin and Dioxin-like Compounds

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
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														
	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						
2122 Metal Mining	0.00	0.00	0.00	0.00	0.90	1.17	0.04	0.00	0.00	0.00	0.74	0.00	2.85	2.85	0.00	2.85			
2211 Electric Utilities	0.00	0.00	7.29	7.29	1.42	620.69	0.00	0.00	0.00	0.01	0.15	0.00	622.27	629.55	4.47	634.02			
311/312 Food/Beverages/Tobacco	0.00	0.00	0.00	0.00	0.00	17.65	0.00	0.00	0.08	0.00	0.00	0.00	17.73	17.73	0.13	17.86			
313/314 Textiles	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.20			
321 Wood Products	0.00	0.03	0.50	0.53	1.61	14.66	207.40	0.02	0.05	0.00	0.00	0.03	223.76	224.30	271.08	495.37			
322 Paper	0.00	0.20	85.37	85.57	0.04	107.00	64.26	0.00	9.00	0.00	41.55	10.34	232.18	317.75	121.49	439.24			
323/51 Printing and Publishing	0.00	0.00	0.05	0.06	0.94	30.67	4.71	0.00	3.66	0.00	0.01	0.00	39.99	40.05	44.05	84.10			
325 Chemicals	0.09	7,444.56	5,993.93	13,438.59	1.86	75.50	938.89	86.71	0.00	0.00	706.54	0.00	1,809.49	15,248.08	9,841.23	25,089.31			
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	0.17	0.31			
327 Stone/Clay/Glass	0.00	0.00	0.00	0.00	0.00	7.80	0.00	0.00	0.00	0.00	0.00	2.89	10.69	10.69	0.00	10.69			
32731 Cement	0.00	0.00	6.15	6.15	0.18	87.83	0.00	0.00	0.00	0.00	0.00	1.85	89.86	96.01	0.00	96.01			
331 Primary Metals	0.00	1.30	226.64	227.94	6.98	431.18	0.00	0.00	0.00	0.00	4,332.95	0.12	4,771.24	4,999.18	1,392.87	6,392.05			
332 Fabricated Metals	0.00	0.00	0.00	0.00	0.03	0.00	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	1.87	1.91	0.00	0.00	0.00	0.00	0.00	0.00	3.78	3.78	0.00	3.78			
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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.00	0.20			
337 Furniture	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.00	0.68			
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	247.10	0.00	247.10	0.00	28.71	0.00	0.00	0.00	0.00	0.00	35.74	64.45	311.55	75.86	387.42			
No TRI NAICS Code	0.00	0.00	0.00	0.00	0.01	45.02	0.00	0.00	0.00	0.00	0.00	0.00	45.03	45.03	2.89	47.93			
Total	0.10	7,693	6,320	14,013	16	1,471	1,215	87	13	0	5,082	51	7,935	21,948	11,754	33,702			

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, 2008: 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 Subtitle C Landfills		Other On-site Landfills	Subtotal Grams	Fugitive Air Emissions Grams	Point Source Air Emissions Grams	Surface Water Discharges Grams	Class II-V Wells Grams	RCRA Subtitle C		Other Surface Impoundments Grams	Other Land Disposal Grams	Subtotal Grams					
	Class I Wells Grams	Grams	Grams						Treatment Impoundments Grams	Surface Impoundments Grams								
Alabama	0.00	0.00	46.74	46.74	0.17	38.92	138.67	0.00	0.06	0.00	0.31	0.42	178.55	225.29	127.68	352.97		
Alaska	0.00	0.00	0.00	0.00	0.01	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.74	0.00	0.74		
Arizona	0.00	0.00	0.00	0.00	0.42	11.67	0.00	0.00	0.00	0.00	2.25	0.00	14.34	14.34	0.00	14.34		
Arkansas	0.00	0.00	3.92	3.92	0.00	23.89	9.65	0.00	4.48	0.00	0.00	35.74	73.77	77.68	54.42	132.10		
California	0.00	0.00	0.00	0.00	0.21	127.26	1.74	0.00	0.00	0.00	0.00	0.00	129.21	129.21	68.16	197.37		
Colorado	0.00	0.00	0.00	0.00	0.24	4.73	0.35	0.00	0.00	0.00	0.00	0.00	5.32	5.32	0.57	5.89		
Connecticut	0.00	0.00	0.00	0.00	0.00	3.84	0.00	0.00	0.00	0.00	0.00	0.00	3.84	3.84	0.07	3.91		
Delaware	0.00	0.00	0.00	0.00	0.01	9.52	0.57	0.00	0.00	0.00	0.26	0.00	10.36	10.36	957.77	968.13		
Florida	0.00	0.00	3.75	3.75	1.39	31.63	4.20	0.00	3.60	0.00	4.14	0.00	44.96	48.71	1.90	50.61		
Georgia	0.00	0.00	2.94	2.94	0.35	26.66	14.24	0.00	0.00	0.00	392.78	8.08	442.10	445.04	0.27	445.32		
Guam	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.00	0.19		
Hawaii	0.00	0.00	0.00	0.00	0.03	3.75	0.00	0.00	0.00	0.00	0.00	0.00	3.78	3.78	1.02	4.80		
Idaho	0.00	0.00	0.01	0.01	0.03	1.54	0.40	0.00	0.08	0.00	0.00	0.00	2.05	2.06	9.07	11.13		
Illinois	0.00	89.00	0.00	89.00	0.18	29.18	0.04	0.00	0.00	0.00	0.00	0.00	29.40	118.40	22.32	140.72		
Indiana	0.00	0.00	124.54	124.54	2.34	55.25	0.00	0.00	0.00	0.00	0.00	0.00	57.59	182.13	162.97	345.11		
Iowa	0.00	0.00	0.00	0.00	0.00	22.53	0.00	0.00	0.00	0.00	0.00	0.00	22.53	22.53	0.00	22.53		
Kansas	0.00	0.00	1.92	1.92	0.00	11.18	0.00	0.00	0.00	0.00	0.00	0.00	11.18	13.10	0.00	13.10		
Kentucky	0.00	0.00	23.00	23.00	0.81	114.73	218.42	0.00	0.00	0.00	0.21	0.00	334.17	357.17	2,283.10	2,640.27		
Louisiana	0.09	0.20	59.85	60.15	0.41	46.55	213.59	0.00	0.00	0.01	0.60	0.01	261.17	321.32	719.28	1,040.59		
Maine	0.00	0.00	1.19	1.19	0.00	7.28	0.19	0.00	0.00	0.00	0.00	0.00	7.47	8.66	1.01	9.67		
Maryland	0.00	0.00	96.15	96.15	0.00	63.59	0.00	0.00	0.00	0.00	0.00	0.00	63.59	159.74	2.89	162.63		
Massachusetts	0.00	0.00	0.00	0.00	0.00	7.63	0.00	0.00	0.00	0.00	0.00	0.00	7.64	7.64	0.00	7.64		
Michigan	0.00	7,112.00	1.24	7,113.24	0.04	27.92	7.53	0.00	0.00	0.00	0.00	0.00	35.49	7,148.73	90.30	7,239.03		
Minnesota	0.00	0.00	1.51	1.51	2.70	10.67	0.35	0.00	0.00	0.00	0.00	0.00	13.72	15.23	164.16	179.39		
Mississippi	0.00	0.00	1,516.73	1,516.73	0.01	8.06	46.99	0.00	0.86	0.00	314.00	0.00	369.93	1,886.66	82.97	1,969.63		
Missouri	0.00	1.30	0.00	1.30	0.00	26.29	0.01	0.00	0.00	0.00	0.00	1.85	28.14	29.44	0.00	29.44		
Montana	0.00	0.00	0.00	0.00	0.01	5.88	0.09	0.00	0.00	0.00	0.10	0.00	6.07	6.07	1.38	7.45		
Nebraska	0.00	0.00	0.00	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.00	0.00	2.74	2.74	0.00	2.74		
Nevada	0.00	0.00	0.00	0.00	0.24	7.20	0.00	0.00	0.00	0.00	0.00	0.00	7.44	7.44	0.00	7.44		
New Hampshire	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.51	0.00	0.51		
New Jersey	0.00	0.00	0.00	0.00	0.29	9.36	0.00	0.00	0.00	0.00	0.00	0.00	9.65	9.65	30.74	40.39		
New Mexico	0.00	0.00	0.00	0.00	0.00	3.67	0.00	0.00	0.00	0.00	0.00	0.00	3.67	3.67	0.00	3.67		
New York	0.00	142.41	0.06	142.47	0.10	17.48	3.54	0.00	0.00	0.00	0.00	0.00	21.13	163.60	2.01	165.61		
North Carolina	0.00	0.03	1.47	1.50	0.00	283.69	28.09	0.00	0.05	0.00	0.00	1.76	313.58	315.08	1.35	316.43		
North Dakota	0.00	0.00	0.05	0.05	0.01	17.99	0.00	0.00	0.00	0.00	0.00	0.00	17.99	18.05	0.00	18.05		
Ohio	0.00	0.00	256.67	256.67	0.17	33.71	0.26	0.00	0.00	0.00	0.00	2.89	37.04	293.71	133.77	427.49		
Oklahoma	0.00	0.00	9.77	9.77	0.07	13.05	0.01	0.00	0.01	0.00	5.42	0.01	18.57	28.34	76.00	104.34		
Oregon	0.00	15.69	0.54	16.23	1.48	8.68	0.14	0.00	0.00	0.00	0.00	0.20	10.51	26.74	1.55	28.28		
Pennsylvania	0.00	0.00	0.01	0.01	0.01	86.45	1.14	0.00	0.00	0.00	3.26	0.00	90.86	90.87	4.06	94.93		
Puerto Rico	0.00	0.00	0.00	0.00	0.00	13.40	0.00	0.00	0.00	0.00	0.00	0.00	13.40	13.40	0.01	13.41		
South Carolina	0.00	0.00	1.44	1.44	1.89	17.76	3.79	0.00	0.00	0.00	12.44	0.02	35.89	37.33	3.44	40.77		
South Dakota	0.00	0.00	0.00	0.00	0.00	8.28	0.00	0.00	0.00	0.00	0.00	0.00	8.28	8.28	0.00	8.28		
Tennessee	0.00	2.12	1,728.91	1,731.03	0.50	33.64	4.32	0.00	0.00	0.00	0.07	0.00	38.52	1,769.55	186.36	1,955.91		
Texas	0.00	330.44	2,423.82	2,754.27	1.10	66.74	507.99	86.71	0.00	0.00	12.78	0.00	675.33	3,429.60	6,058.53	9,488.13		
Utah	0.00	0.00	7.28	7.28	0.31	32.16	0.00	0.00	0.00	0.00	4,332.95	0.00	4,365.42	4,372.70	32.81	4,405.51		
Virgin Islands	0.00	0.00	0.00	0.00	0.00	1.21	0.55	0.00	0.00	0.00	0.00	0.00	1.76	1.76	0.00	1.76		
Virginia	0.00	0.00	1.08	1.08	0.02	18.59	1.37	0.00	0.00	0.00	0.36	0.00	20.34	21.42	22.13	43.55		
Washington	0.00	0.00	3.44	3.44	0.21	11.76	3.68	0.02	3.66	0.00	0.00	0.00	19.32	22.77	102.25	125.02		
West Virginia	0.00	0.00	0.00	0.00	0.06	12.21	3.33	0.00	0.00	0.00	0.00	0.00	15.60	15.60	48.80	64.40		
Wisconsin	0.00	0.00	1.90	1.90	0.02	33.42	0.06	0.00	0.00	0.00	0.00	0.00	33.50	35.40	299.11	334.51		
Wyoming	0.00	0.00	0.00	0.00	0.00	16.31	0.00	0.00	0.00	0.00	0.00	0.00	16.31	16.31	0.00	16.31		
Total	0.10	7,693.19	6,319.94	14,013.23	15.83	1,471.10	1,215.31	86.73	12.79	0.01	5,081.93	50.97	7,934.68	21,947.91	11,754.23	33,702.14		

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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.

11/20/09

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Dioxin and Dioxin-like Compounds

Facility					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			
City	State	NAICS Code	Total Forms Number	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams		
Dow Chemical Co	Midland	MI	325	1	0.00	7,112.00	0.00	7,112.00	0.00	0.10	1.84	0.00	0.00	0.00	0.00	0.00	1.94	7,113.94		
GB Biosciences Corp	Houston	TX	325	1	0.00	0.00	0.00	0.00	1.01	8.53	0.08	0.00	0.00	0.00	0.00	0.00	9.62	9.62		
U.S. Magnesium LLC	Rowley	UT	331	1	0.00	0.00	0.00	0.00	0.12	3.10	0.00	0.00	0.00	0.00	4,332.80	0.00	4,336.02	4,336.02		
Dow Chemical Co Freeport Facility	Freeport	TX	325	1	0.00	330.44	2,423.45	2,753.89	0.00	11.83	416.96	86.71	0.00	0.00	0.00	0.00	515.50	3,269.39		
Westlake Vinyls Inc	Calvert City	KY	325	1	0.00	0.00	0.00	0.00	0.00	0.64	218.42	0.00	0.00	0.00	0.00	0.00	219.06	219.06		
DuPont Johnsonville Plant	New Johnsonville	TN	325	1	0.00	0.00	1,728.11	1,728.11	0.00	1.02	2.77	0.00	0.00	0.00	0.00	0.00	3.79	1,731.90		
DuPont Delsite Plant	Pass Christian	MS	325	1	0.00	0.00	1,515.50	1,515.50	0.00	1.10	0.10	0.00	0.00	0.00	0.00	0.00	1.20	1,516.70		
DuPont Edge Moor	Edgemoor	DE	325	1	0.00	0.00	0.00	0.00	0.00	0.02	0.57	0.00	0.00	0.00	0.00	0.00	0.59	0.59		
Tronox Pigments (Savannah) Inc	Savannah	GA	325	1	0.00	0.00	0.00	0.00	0.00	1.10	0.02	0.00	0.00	0.00	392.06	0.00	393.18	393.18		
Tronox LLC	Hamilton	MS	325	1	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	314.00	0.00	314.11	314.11		
Occidental Chemical Corp	Gregory	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.23	3.33	0.00	0.00	0.00	0.00	0.00	3.56	3.56		
Georgia Gulf Chemicals & Vinyls LLC	Plaquemine	LA	325	1	0.00	0.00	0.00	0.00	0.00	1.89	2.01	0.00	0.00	0.00	0.00	0.00	3.89	3.89		
JL French Corp - Gateway	Sheboygan	WI	331	1	0.00	0.00	0.00	0.00	0.01	5.59	0.00	0.00	0.00	0.00	0.00	0.00	5.60	5.60		
Dow Chemical Co Plaquemine	Plaquemine	LA	325	1	0.00	0.00	40.64	40.64	0.00	4.70	161.14	0.00	0.00	0.00	0.00	0.00	165.84	206.48		
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	193.08	193.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.08	193.08		
Collax Treating Co LLC	Pineville	LA	321	1	0.00	0.00	0.00	0.00	0.00	0.00	4.95	0.00	0.00	0.00	0.00	0.00	4.95	4.95		
Formosa Plastics Corp Texas	Point Comfort	TX	325	1	0.00	0.00	0.00	0.00	0.00	1.91	82.78	0.00	0.00	0.00	0.00	0.00	84.69	84.69		
Spectro Alloys Corp	Rosemount	MN	331	1	0.00	0.00	0.00	0.00	2.70	1.66	0.00	0.00	0.00	0.00	0.00	0.00	4.36	4.36		
Epcor USA North Carolina LLC Roxboro	Roxboro	NC	2211	1	0.00	0.00	0.00	0.00	0.00	143.89	0.00	0.00	0.00	0.00	0.00	0.00	143.89	143.89		
CWM Chemical Services LLC	Model City	NY	562	1	0.00	142.41	0.00	142.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.41	142.41		
Wabash Alloys LLC	Wabash	IN	331	1	0.00	0.00	123.94	123.94	0.00	6.74	0.00	0.00	0.00	0.00	0.00	0.00	6.74	130.68		
PPG Industries Inc	Westlake	LA	325	1	0.00	0.00	0.00	0.00	0.00	0.27	11.90	0.00	0.00	0.00	0.00	0.00	12.17	12.17		
Cahaba Pressure Treated Forest Products Inc	Brierfield	AL	321	1	0.00	0.00	0.00	0.00	0.00	0.00	113.53	0.00	0.00	0.00	0.00	0.00	113.53	113.53		
Imco Recycling of Ohio Inc	Uhrichsville	OH	331	1	0.00	0.00	0.00	0.00	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	5.67	5.67		
Electric Mills Wood Preserving LLC	Scooba	MS	321	1	0.00	0.00	0.00	0.00	0.00	0.02	29.88	0.00	0.00	0.00	0.00	0.00	29.89	29.89		
Tri Star Aluminum Co LP	Alexandria	TN	331	1	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.32		
Quemetco Inc	City Of Industry	CA	331	1	0.00	0.00	0.00	0.00	0.00	109.00	0.00	0.00	0.00	0.00	0.00	0.00	109.00	109.00		
Severstal Sparrows Point LLC	Baltimore	MD	331	1	0.00	0.00	78.20	78.20	0.00	12.20	0.00	0.00	0.00	0.00	0.00	0.00	12.20	90.40		
Clean Harbors El Dorado LLC	El Dorado	AR	562	1	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	35.74	35.78	35.78		
Peoria Disposal Co #1	Peoria	IL	562	1	0.00	89.00	0.00	89.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	89.01		
Imco Recycling of Michigan LLC	Coldwater	MI	331	1	0.00	0.00	0.00	0.00	0.00	4.36	0.00	0.00	0.00	0.00	0.00	0.00	4.36	4.36		
USS Gary Works	Gary	IN	331	1	0.00	0.00	0.00	0.00	0.00	8.01	0.00	0.00	0.00	0.00	0.00	0.00	8.01	8.01		
Aleris Recycling Inc	Sapulpa	OK	331	1	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	4.00		
Commonwealth Aluminum Lewisport LLC	Lewisport	KY	331	1	0.00	0.00	0.00	0.00	0.00	77.00	0.00	0.00	0.00	0.00	0.00	0.00	77.00	77.00		
Arcelormittal Burns Harbor LLC	Burns Harbor	IN	331	1	0.00	0.00	0.60	0.60	0.00	11.59	0.00	0.00	0.00	0.00	0.00	0.00	11.59	12.19		
Epcor USA North Carolina LLC Southport	Southport	NC	2211	1	0.00	0.00	0.00	0.00	0.00	73.06	0.00	0.00	0.00	0.00	0.00	0.00	73.06	73.06		
Westlake Vinyls Co	Geismar	LA	325	1	0.00	0.00	0.00	0.00	0.00	5.87	0.23	0.00	0.00	0.00	0.00	0.00	6.10	6.10		
Millennium Inorganic Chemicals A Cristal Co	Ashtabula	OH	325	1	0.00	0.00	62.70	62.70	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	62.72		
JL French Corp - TYLR	Sheboygan	WI	331	1	0.00	0.00	0.00	0.00	0.01	2.94	0.00	0.00	0.00	0.00	0.00	0.00	2.94	2.94		
Georgia Gulf Lake Charles LLC	Westlake	LA	325	1	0.00	0.00	0.00	0.00	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.23		
Light Metals Inc	City of Industry	CA	331	1	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11		
Shell Norco Chemical Plant West Site	Norco	LA	325	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Tennessee Aluminum Processors Inc	Gadsden	AL	331	1	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.61		
Shell Chemical Co	Deer Park	TX	325	1	0.00	0.00	0.00	0.00	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.00	2.02	2.02		
Weyerhaeuser NR Co - Longview	Longview	WA	322	1	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75		
Gerdau Ameristeel - Charlotte Steel Mill	Charlotte	NC	331	1	0.00	0.00	0.00	0.00	0.00	44.83	0.00	0.00	0.00	0.00	0.00	0.00	44.83	44.83		
Dupont Sabine River Works	Orange	TX	325	1	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75		
Simpson Tacoma Kraft Co LLC	Tacoma	WA	322	1	0.00	0.00	0.00	0.00	0.00	2.76	0.00	0.00	0.00	0.00	0.00	0.00	2.76	2.76		
US Navy Naval Support Facility Indian Head	Indian Head	MD	325	1	0.00	0.00	0.00	0.00	0.00	38.45	0.00	0.00	0.00	0.00	0.00	0.00	38.45	38.45		
AbitibiBowater Inc Coosa Pines Operations	Coosa Pines	AL	322	1	0.00	0.00	38.66	38.66	0.00	1.20	0.39	0.00	0.00	0.00	0.05	0.00	1.64	40.30		

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

The 50 Facilities with Largest TRI On- and Off-site Disposal or Other Releases, 2008: Dioxin and Dioxin-like Compounds

Facility	Off-site Disposal or Other Releases																	Total Off-site Disposal or Other Releases Grams	Total On-site and Off-site Disposal or Other Releases Grams		
	Off-site Disposal to Class I Underground Injection Wells, RCRA Subtitle C Landfills, and Other Landfills				Other Off-site Disposal or Other Releases																
	Class I Wells Grams	Subtitle C Landfills Grams	Other Landfills Grams	Subtotal Grams	Storage Only Grams	Solidification/ Stabilization (Metals and Metal Category Compounds Only) Grams	Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only) Grams	Transfers to POTWs (Metals and Metal Category Compounds Only) Grams	Class II-V Wells Grams	RCRA Subtitle C Surface Impoundments Grams	Other Surface Impoundments Grams	Land Treatment Grams	Other Land Disposal Grams	Other Off-site Management Grams	Waste Broker for Disposal Grams	Unknown Grams	Subtotal Grams				
Dow Chemical Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,500.85	7,113.94
GB Biosciences Corp	0.00	5,498.45	2.40	5,500.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,500.85	5,510.47
U.S. Magnesium LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,336.02
Dow Chemical Co Freeport Facility	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,269.39
Westlake Vinyls Inc	0.00	0.00	2,283.10	2,283.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,283.10	2,502.16
DuPont Johnsonville Plant	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1,731.92
DuPont Delsle Plant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,516.70
DuPont Edge Moor	0.00	0.00	957.77	957.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957.77	958.36
Tronox Pigments (Savannah) Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	393.18
Tronox LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	314.11
Occidental Chemical Corp	0.00	197.16	96.53	293.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	293.69	297.25
Georgia Gulf Chemicals & Vinyls LLC	0.00	3.98	241.17	245.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	4.14	249.30	253.20	
JL French Corp - Gateway	0.00	0.00	243.40	243.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	243.40	249.00	
Dow Chemical Co Plaquemine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206.48
Millennium Inorganic Chemicals A Cristal Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.08
Collfax Treating Co LLC	0.00	0.00	180.52	180.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.52	185.47	
Formosa Plastics Corp Texas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.80	0.00	0.00	94.80	179.49	179.49	
Spectro Alloys Corp	0.00	0.00	163.93	163.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.93	168.29	168.29	
Epcor USA North Carolina LLC Roxboro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	143.89	143.89
CWM Chemical Services LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.41	142.41
Wabash Alloys LLC	0.00	0.00	2.53	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	133.21	133.21	
PPG Industries Inc	0.00	113.48	0.00	113.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.48	125.65	125.65	
Cahaba Pressure Treated Forest Products Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.53	113.53
Imco Recycling of Ohio Inc	0.00	50.08	57.62	107.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.70	113.37	113.37	
Electric Mills Wood Preserving LLC	0.00	0.00	81.87	81.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.87	111.77	111.77	
Tri Star Aluminum Co LP	0.00	0.00	110.00	110.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.00	110.32	110.32	
Quemetco Inc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.00	109.00	
Severstal Sparrows Point LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.40	90.40	
Clean Harbors El Dorado LLC	0.00	54.10	0.00	54.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.10	89.88	89.88	
Peoria Disposal Co #1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.01	89.01	
Imco Recycling of Michigan LLC	0.00	0.00	82.86	82.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.86	86.20	86.20	
USS Gary Works	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.19	0.00	0.00	78.19	78.19	86.20	86.20	
Aleris Recycling Inc	0.00	0.00	76.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.00	80.00	80.00	
Commonwealth Aluminum Lewisport LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.00	77.00	
Arcelormittal Burns Harbor LLC	0.00	0.00	63.60	63.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.60	75.79	75.79	
Epcor USA North Carolina LLC Southport	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.06	73.06	
Westlake Vinyls Co	0.00	0.00	64.53	64.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.53	70.63	70.63	
Millennium Inorganic Chemicals A Cristal Co	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.72	62.72	
JL French Corp – TYLR	0.00	0.00	51.82	51.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.82	54.76	54.76	
Georgia Gulf Lake Charles LLC	0.00	52.08	0.00	52.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.08	52.31	52.31	
Light Metals Inc	0.00	0.00	52.13	52.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.13	52.24	52.24	
Shell Norco Chemical Plant West Site	0.00	0.00	52.00	52.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.00	52.00	52.00	
Tennessee Aluminum Processors Inc	0.00	0.00	51.06	51.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.06	51.67	51.67	
Shell Chemical Co	0.00	0.00	47.15	47.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.15	49.16	49.16	
Weyerhaeuser NR Co - Longview	0.00	0.00	44.96	44.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.96	45.71	45.71	
Gerdau Ameristeel - Charlotte Steel Mill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.83	44.83	
Dupont Sabine River Works	0.00	43.90	0.00	43.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.90	44.65	44.65	
Simpson Tacoma Kraft Co LLC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.04	0.00	0.00	0.00	41.04	41.04	43.80	43.80	
US Navy Naval Support Facility Indian Head	0.00	0.00	2.89	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.89	41.34	41.34	
AbitibiBowater Inc Coosa Pines Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.30	40.30	

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 5.2 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).