



2010 Toxics Release Inventory Idaho State Report

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Releases in the State of Idaho

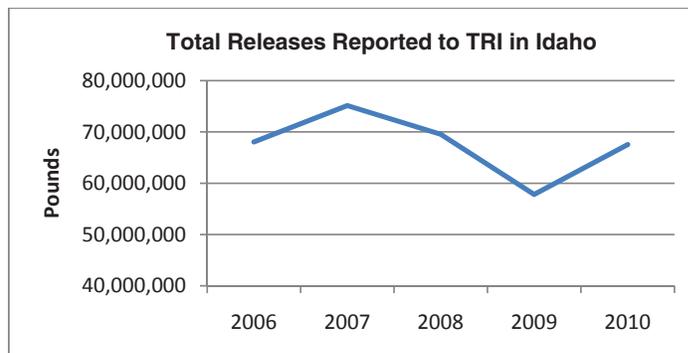
In 2010, 95 facilities reported a total of 67 million pounds of toxic chemical releases, an increase of 17%, or 9.7 million pounds, from 2009. Idaho ranks 18th in the nation for total releases of TRI chemicals.

What is a Release?

A TRI "release" is defined as the amount of a toxic chemical released on-site (to air, water, underground injection, landfills, and other land disposal), and the amount transferred off-site for disposal. All releases values in this report are listed in pounds released per year.

Total Releases Reported in Idaho from 2006- 2010

Year	No. of Facilities Reporting	Air	Water	Other On-site	Off-Site
2006	125	4,025,558	3,487,449	59,537,886	1,593,882
2007	125	4,101,953	3,185,716	66,414,257	1,448,723
2008	113	3,735,395	2,766,293	61,770,125	1,275,297
2009	105	3,184,772	2,466,140	49,531,172	2,634,306
2010	95	3,891,597	2,502,016	59,340,704	1,803,794



Top 10 Facilities – All Chemicals

	Facility Name	City	Total Releases
1	HECLA LTD LUCKY FRIDAY MIN E UNIT	MULLAN	19,786,973
2	P4 PRODUCTION LLC	SODA SPRINGS	16,157,407
3	US ECOLOGY IDAHO INC	GRAND VIEW	8,559,037
4	US SILVER - IDAHO INC	WALLACE	6,519,554
5	J R SIMPLOT CO DON SID ING	POCATELLO	3,006,848
6	THOMPSON CREEK MINING CO	CLAYTON	2,646,739
7	MCCAIN FOODS USA	BURLEY	2,304,580
8	AMALGAMATED SUGAR CO	PAUL	1,449,231
9	GLANBIA FOODS INC	GOODING	1,339,833
10	CLEARWATER PAPER CORP	LEWISTON	1,173,485

Top Four Industries

The following industries contribute to 95% of the total TRI chemical releases in Idaho.

	Industry	Total Releases	Percent of Total Releases
1	METAL MINING	28,953,268	42.9%
2	CHEMICAL MANUFACTURING	19,493,700	28.9%
3	HAZARDOUS WASTE/ SOLVENT RECOVERY	8,559,037	12.7%
4	FOOD/BEVERAGES/TOBACCO	6,942,805	10.3%

Top Ten Released Chemicals

	Chemicals	Air	Water	Other On-site	Off-site	Total Releases	Percent of Total Releases
1	MANGANESE COMPOUNDS	30,494	139,425	18,889,697	310,000	19,369,616	29.0%
2	VANADIUM COMPOUNDS	6,320	1,350	10,834,255	2	10,841,928	16.2%
3	LEAD COMPOUNDS	1,606	292	6,456,077	4,009	6,461,985	9.7%
4	ZINC COMPOUNDS	109,077	1,308	6,305,691	27,206	6,443,282	9.6%
5	ZINC	486	0	4,839,958	0	4,840,444	7.2%
6	NITRATE COMPOUNDS	53	2,319,565	1,869,369	45,887	4,234,874	6.3%
7	AMMONIA	2,475,467	6,708	93,277	16,343	2,591,795	3.9%
8	HYDROGEN FLUORIDE	134,339	0	1,414,244	5	1,548,588	2.3%
9	LEAD	204	15	1,219,711	263,646	1,483,576	2.2%
10	VANADIUM	0	0	1,227,874	2,858	1,230,732	1.8%

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

PBT chemicals are toxic chemicals that persist in the environment and bioaccumulate in food chains, posing risks to human health and ecosystems. PBT chemicals are a subset of the TRI-listed chemicals that have stricter reporting requirements. In Idaho, 8 million pounds of total releases of PBT chemicals were reported. This is a decrease of 2 million pounds, or 21%, from 2009. Lead and lead compounds topped the list in 2010. The PBT chemicals in the table are listed in descending order of pounds released in 2010.

Total PBT Chemical Releases – Comparison of 2009 to 2010

Chemical	2009 PBT Releases	2010 PBT Releases	Percent Change
LEAD COMPOUNDS	6,073,835	6,461,984	6.4%
LEAD	3,986,996	1,483,576	-62.8%
POLYCHLORINATED BIPHENYLS	34,385	29,705	-13.6%
POLYCYCLIC AROMATIC COMPOUNDS	2,075	2,919	40.7%
MERCURY COMPOUNDS	2,368	2,892	22.1%
MERCURY	3,164	1,913	-39.5%
BENZO(G,H,I)PERYLENE	0.7251	0.4413	-39.1%
DIOXIN AND DIOXIN-LIKE COMPOUNDS	0.0233	0.0241	3.6%
HEXACHLORO BENZENE	12	0	-100.0%
Total	10,102,837	7,982,988	-21.0%

Top Ten Facilities – PBT Chemicals

	Facility	City	Total PBT Releases
1	HECLA LTD LUCKY FRIDAY MINE	MULAN	3,834,931
2	THOMPSON CREEK MINING CO	CLAYTON	2,454,127
3	US ECOLOGY IDAHO INC	GRANDVIEW	1,173,209
4	US DOE IDAHO NATIONAL LABORATORY SITE	SCOVILL	793,192
5	US SILVER - IDAHO INC	WALLACE	114,728
6	P4 PRODUCTION LLC	SODA SPRINGS	49,485
7	NU-WEST INDUSTRIES INC	SODA SPRINGS	36,452
8	AMMUNITION ACCESSORIES INC	LEWISTON	27,143
9	US ARMY NATIONAL GUARD ORCHARD TRAINING AREA RANGE	BOISE	19,024
10	AMMUNITION ACCESSORIES INC- CCI OPERATION	LEWISTON	12,675