

COMMUNITY RIGHT TO KNOW

EXECUTIVE SUMMARY

The Oregon Community Right to Know and Protection Act was passed by the Oregon Legislature in 1985 (ORS 453.307 to ORS 453.520). This law requires facilities with certain quantities of hazardous substances to annually report information about those substances to the Oregon Office of State Fire Marshal (OSFM), using the Oregon Hazardous Substance Information Survey (HSIS). This law also requires emergency responders to report incidents involving the release, or threatened release, of hazardous substances to the OSFM.

The Federal Emergency Planning and Community Right to Know Act (EPCRA Section 312), requires certain facilities to report hazardous substance information to the State Emergency Response Commission (SERC), the Local Emergency Planning Committee (LEPC), and the local fire department. In Oregon, the OSFM serves as the SERC, and this reporting requirement is accomplished by completion and submittal of the HSIS.

This supplemental report summarizes the information reported by facilities on the HSIS. A hazardous substance is defined as a substance for which the Oregon Occupational Safety and Health administration requires the manufacturer to develop a Material Safety Data Sheet. The reportable quantity thresholds for most substances are:

500 pounds of a solid
500 gallons of a liquid
500 cubic feet of a vaporous gas
500 gallons of a liquefied or cryogenic gas

For highly toxic substances or explosives the thresholds are:

5 gallons of a liquid
10 pounds of a solid
20 cubic feet of a gas

Extremely Hazardous Substances designated by the Environmental Protection Agency are reportable at the specific threshold planning quantity established for each substance. Radioactive substances are reportable at any quantity that is not a sealed source (OAR 837-085-0070 (2)(a)).

The reportable quantity threshold for gasoline and diesel in underground storage tanks at retail gasoline service stations is 75,000 gallons and 100,000 gallons respectively.

For more information, please visit our website at http://www.oregon.gov/osp/sfm/pages/cr2k_home.aspx or contact the Community Right to Know Information Assistant at 503-934-8353 or sfm.cr2k@state.or.us.

SECTION I

2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

REPORTING FREQUENCY BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODES

This table lists the ten specific industry classifications with the most facilities sent a survey in 2013.

NAICS Code	NAICS Description	Facilities
517212	CELLULAR & OTHER WIRELESS TELECOMMUNICATION	1,729
921190	OTHER GENERAL GOV SUPPORT	1,040
611110	ELEMENTARY & SECONDARY SCHOOLS	452
517110	WIRED TELECOMMUNICATIONS CARRIERS	431
811111	GENERAL AUTOMOTIVE REPAIR	318
447190	OTHER GASOLINE STATIONS	313
447110	GASOLINE STATIONS WITH CONVENIENCE STORES	304
441310	AUTOMOTIVE PARTS & ACCESSORIES STORES	246
424710	PETROLEUM BULK STATIONS & TERMINALS	196
441110	NEW CAR DEALERS	176

2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

COMPLIANCE RATE FOR RETURNING THE HAZARDOUS SUBSTANCE INFORMATION SURVEY - BY COUNTY

This table shows the rate of return of Hazardous Substance Information Surveys.

County	Surveys Sent	Surveys Received	Compliance Rate
BAKER	149	145	97.3%
BENTON	348	341	98.0%
CLACKAMAS	1,317	1,260	95.7%
CLATSOP	195	181	92.8%
COLUMBIA	205	188	91.7%
COOS	457	444	97.2%
CROOK	133	128	96.2%
CURRY	171	163	95.3%
DESCHUTES	728	702	96.4%
DOUGLAS	677	664	98.1%
GILLIAM	49	49	100.0%
GRANT	101	97	96.0%
HARNEY	97	93	95.9%
HOOD RIVER	134	131	97.8%
JACKSON	798	776	97.2%
JEFFERSON	137	127	92.7%
JOSEPHINE	322	315	97.8%
KLAMATH	482	466	96.7%
LAKE	115	113	98.3%
LANE	1,502	1,460	97.2%
LINCOLN	335	327	97.6%
LINN	678	659	97.2%
MALHEUR	253	236	93.3%
MARION	1,249	1,219	97.6%
MORROW	127	118	92.9%
MULTNOMAH	2,215	2,087	94.2%
POLK	240	235	97.9%
SHERMAN	53	47	88.7%
TILLAMOOK	216	210	97.2%
UMATILLA	463	440	95.0%
UNION	177	170	96.0%
WALLOWA	91	90	98.9%
WASCO	200	189	94.5%
WASHINGTON	1,469	1,392	94.8%
WHEELER	30	30	100.0%
YAMHILL	438	427	97.5%
TOTAL	16,351	15,719	96.1%

2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

HAZARD CLASS REPORTING FREQUENCY

Facilities reporting substances on the survey must also report the hazard class associated with the substance. Hazard classes used for reporting are mainly United States Department of Transportation (USDOT) hazard class codes, along with several custom codes used only by the Oregon Community Right to Know Program. A substance can be assigned up to three hazard classification codes.

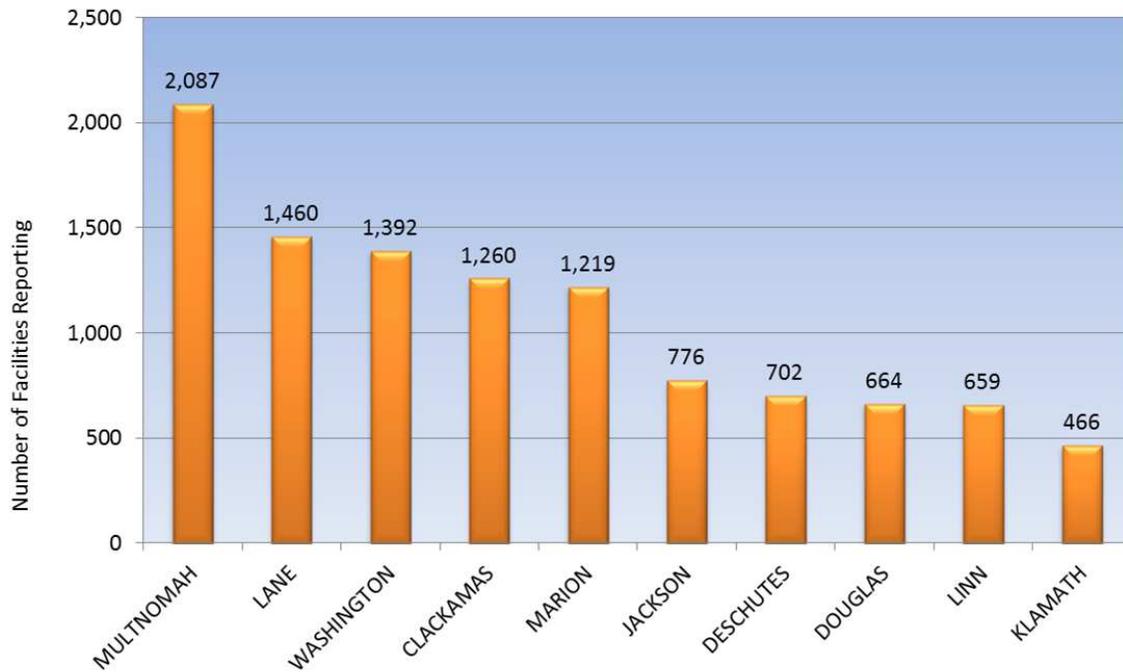
This table reflects how many substances were assigned each hazard class. In addition, the table shows how many times a substance with the hazard class was reported. For example, the table shows that 7,397 substances have been assigned a hazard class of 6.3 in the OSFM database. Facilities reported a Hazard Class 6.3 substance 17,569 times on the survey in 2013.

Hazard Class Code	Hazard Class Description	Substances Assigned the Hazard Class	Number of Times Hazard Class Reported
6.3	Acute Health Hazard	7,397	17,569
3.0	Flammable and Combustible Liquid	3,214	9,464
4.5	Combustible Material	3,514	7,017
9.0	Miscellaneous Hazardous Material	4,612	6,679
2.2	Non-flammable Gas	557	4,221
2.1	Flammable Gas	263	3,775
8.0	Corrosive Material	2,057	3,109
5.1	Oxidizers	349	2,449
6.1	Poisonous Material	627	1,320
6.4	Chronic Health Hazard	686	1,118
4.4	Reactive Material	369	687
6.5	Pesticide	279	446
2.3	Poisonous Gas	67	438
7.0	Radioactive Material	200	414
4.1	Flammable Solids	137	234
1.3	Explosives (with predominately a fire hazard)	33	226
4.3	Dangerous when Wet	65	84
1.1	Explosives (with a mass explosion hazard)	37	55
1.4	Explosives (with no significant blast hazard)	10	55
4.2	Spontaneously Combustible Material	28	46
1.5	Very Insensitive Explosives; Blasting Agents	29	40
5.2	Organic Peroxides	25	25
1.2	Explosives (with a projection hazard)	5	9
6.2	Infectious Substance (Etiologic agent)	4	4

2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

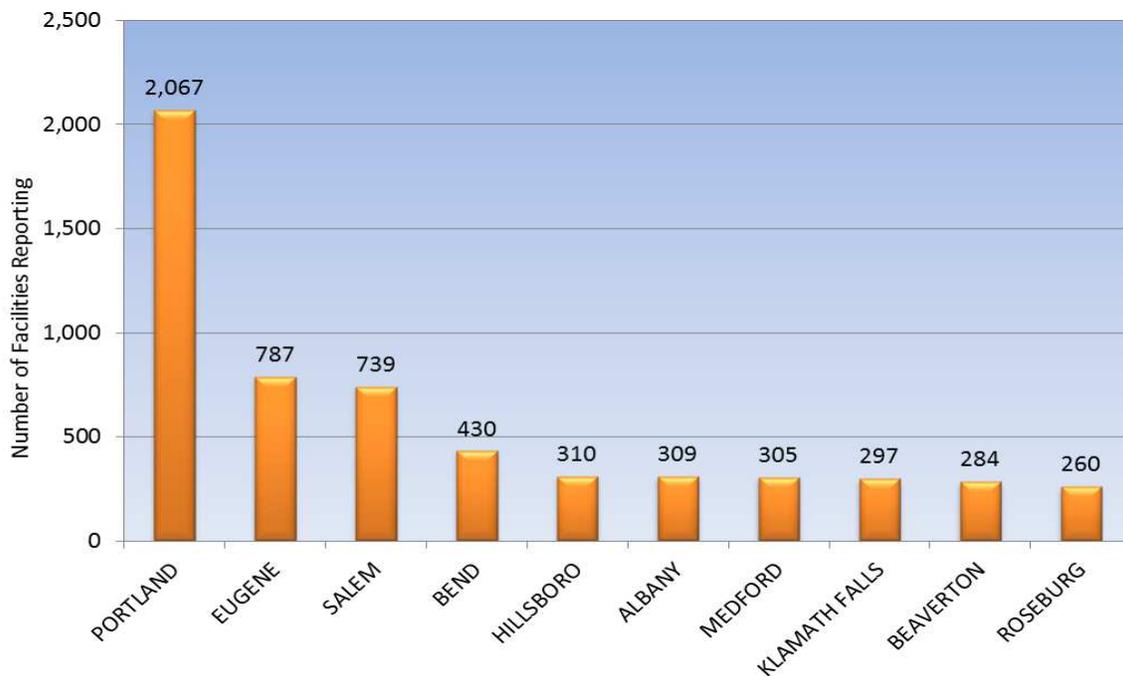
COUNTIES WITH THE MOST FACILITIES REPORTING

This chart shows the ten counties with the most facilities reporting.



CITIES WITH THE MOST FACILITIES REPORTING

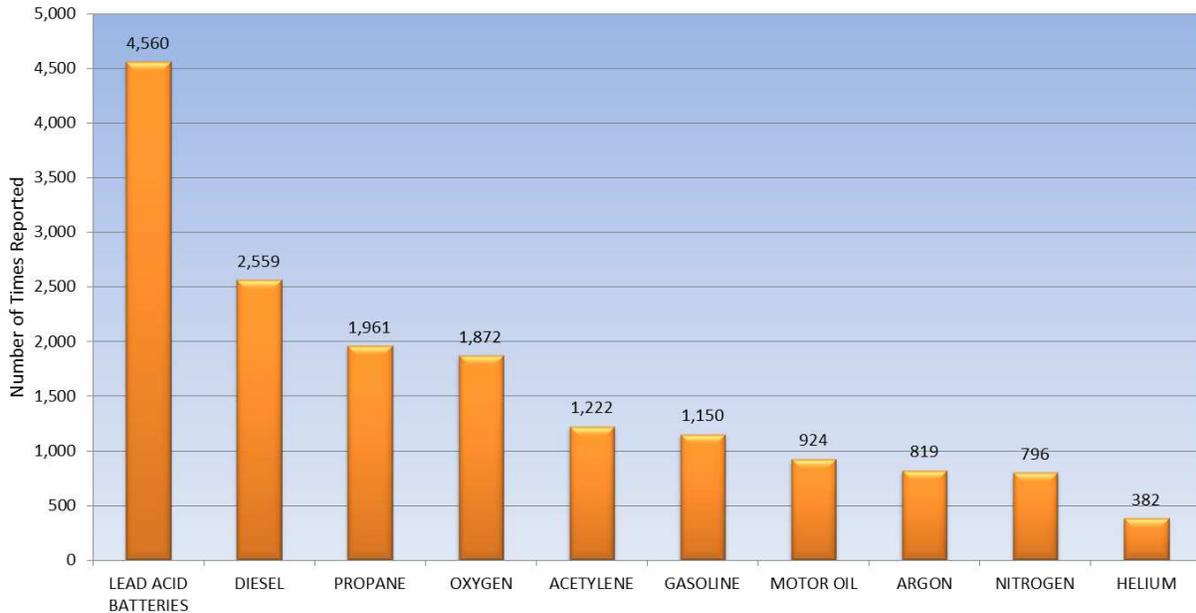
This chart shows the ten cities with the most facilities reporting.



2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

MOST FREQUENTLY REPORTED SUBSTANCES

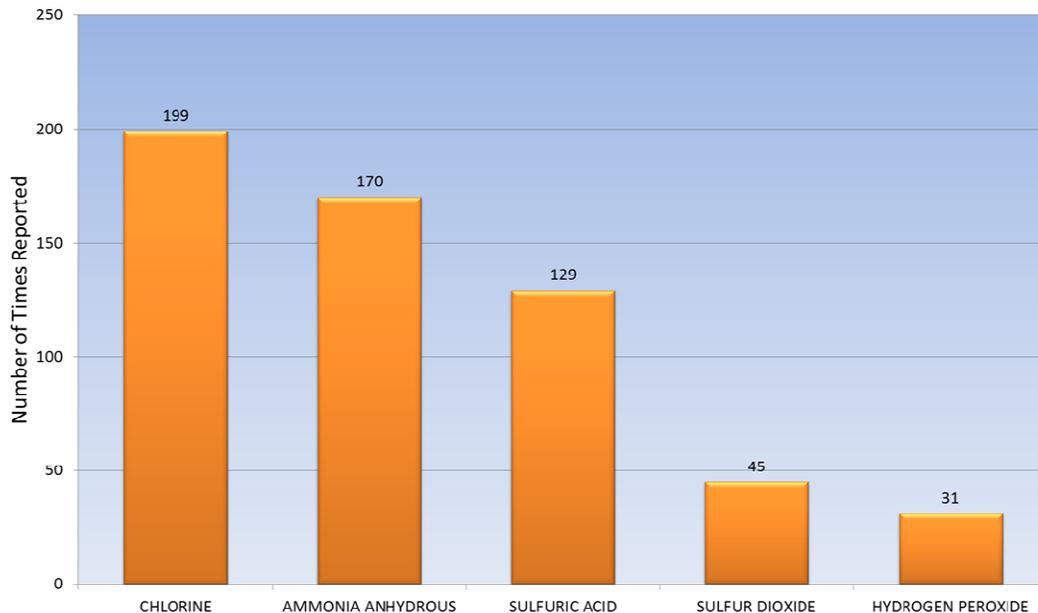
This chart shows the ten substances most frequently reported. In many cases, substances reported using various names have been combined under one name in this chart. For example, Diesel Fuel, Diesel Low Sulfur, Diesel Red etc., were combined and summarized as Diesel.



MOST FREQUENTLY REPORTED EXTREMELY HAZARDOUS SUBSTANCES (EHS)

This chart shows the five Extremely Hazardous Substances most frequently reported.

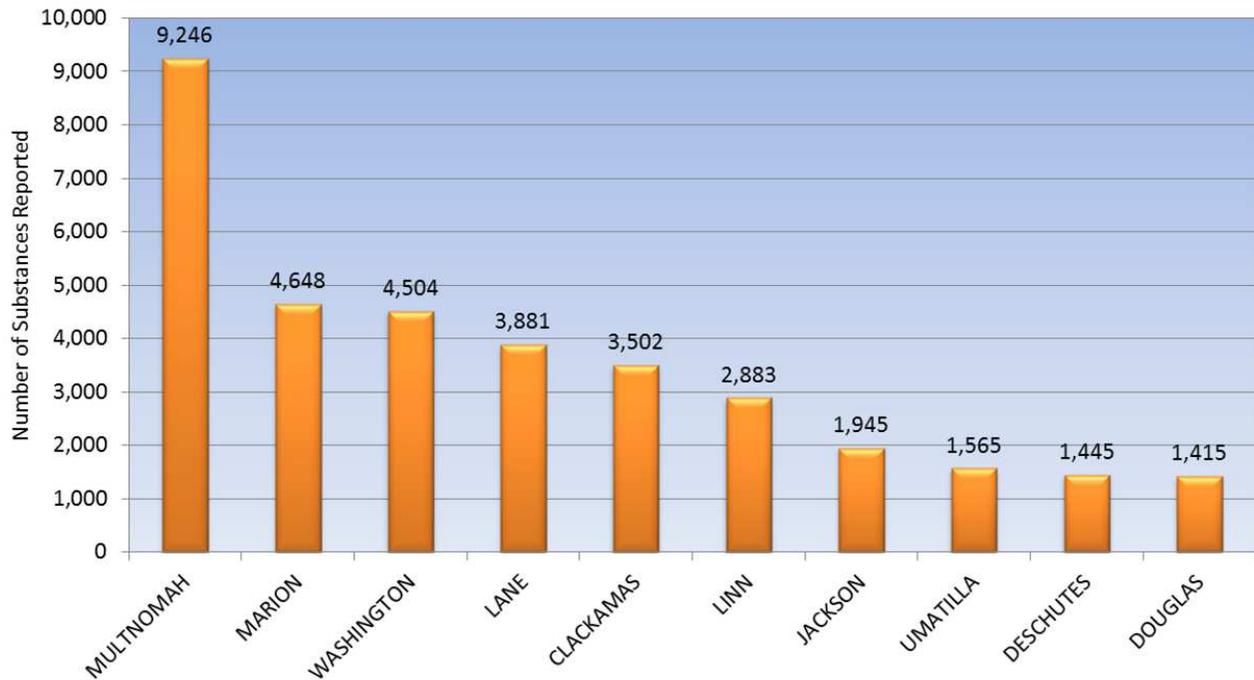
Note: Hydrogen peroxide is an EHS when the hydrogen peroxide concentration is greater than 52%.



2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

COUNTIES REPORTING THE MOST SUBSTANCES

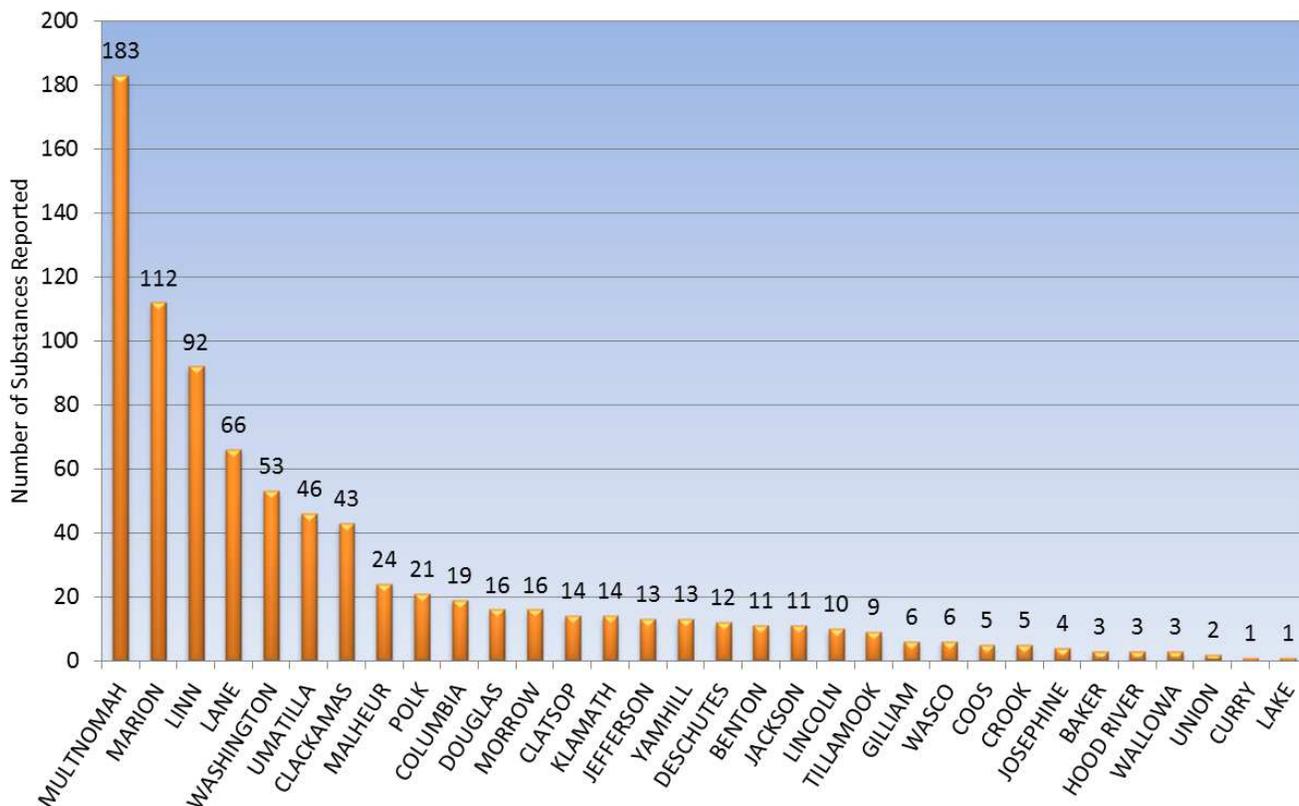
This chart shows the ten counties with the most substances reported.



2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

SUBSTANCES REPORTED IN QUANTITIES OVER 250,000 UNITS - BY COUNTY

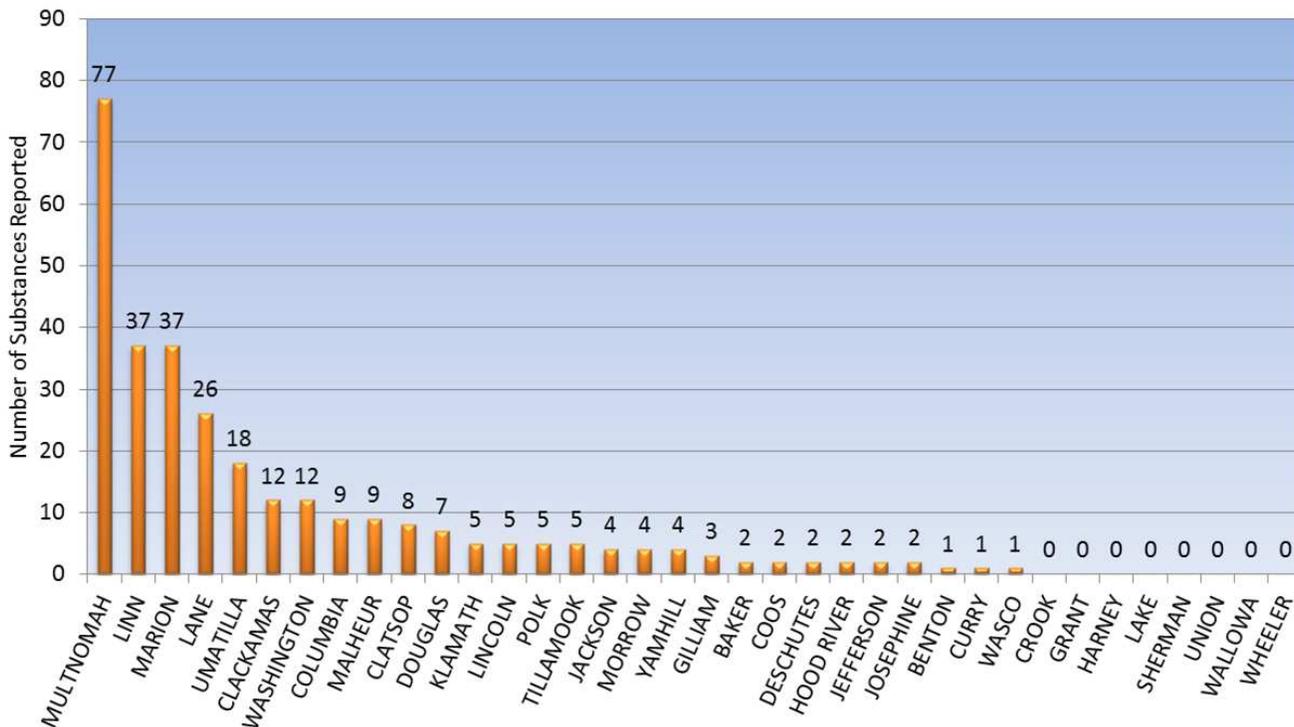
This chart shows the number of substances in each county that were reported in quantities exceeding 250,000 pounds, gallons, or cubic feet.



2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

SUBSTANCES REPORTED IN QUANTITIES EXCEEDING 1 MILLION UNITS - BY COUNTY

This chart shows the number of substances in each county that were reported in quantities exceeding 1,000,000 pounds, gallons, or cubic feet.



2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

SUBSTANCES REPORTED IN QUANTITIES EXCEEDING 1 MILLION UNITS

This chart shows the substances that were reported in quantities exceeding 1,000,000 pounds, gallons, or cubic feet, and the number of times reported.

Chemical Name	Count	Chemical Name	Count
DIESEL FUEL	22	WHITE LIQUOR	2
UREA	15	ABS PLASTIC	1
GASOLINE	13	ABS RESIN	1
PORTLAND CEMENT	10	AG LIME	1
FERTILIZER 46-0-0	8	ALCOHOL DENATURED FUEL GRADE	1
LEAD ACID BATTERIES	8	ALDER BARK	1
MONOAMMONIUM PHOSPHATE FERTILIZER	6	ALUMINUM INGOTS	1
FERTILIZER MURIATE OF POTASH	5	ALUMINUM OXIDE (MNY)	1
FERTILIZER UREA	5	ALUMINUM OXIDE (P20)	1
ASPHALT LIQUID	4	AMMONIUM NITRATE	1
ETHANOL	4	AMMONIUM PHOSPHATE DIBASIC	1
FERTILIZER 20-0-0-24	4	AMMONIUM SULFATE	1
FERTILIZER AMMONIUM SULFATE	4	ASPEN ICE MELTER	1
JET A FUEL	4	ASPHALT	1
WOOD DUST	4	ASPHALT CEMENT	1
AMMONIA	3	BIODIESEL B5	1
BLACK LIQUOR	3	CEMENT	1
FERTILIZER 0-0-60	3	CEMENT KILN DUST	1
PEAT MOSS	3	CEMENT TYPE I-II	1
POTASSIUM CHLORIDE	3	CHEVRON NEUTRAL OIL	1
BUNKER C FUEL OIL	2	CHRISTY MINERALS CALCINED FLINT	1
COOKING OIL	2	CLAYS	1
DENATURED ETHANOL	2	COAL	1
FERTILIZER 0-0-62	2	COAL TAR PITCH-LIQUID	1
FERTILIZER 10-34-0	2	DIATOMACEOUS EARTH	1
FERTILIZER 11-52-0	2	DIESEL OIL	1
FERTILIZER 16-20-0	2	FERTILIZER 20-0-0	1
FERTILIZER 16-20-0-13	2	FERTILIZER 20-0-0-24S PLUS ZINC	1
FERTILIZER 21-0-0-24	2	FERTILIZER 21-0-0 AMMONIUM SULFATE	1
FLY ASH CLASS C	2	FERTILIZER 32-0-0	1
GREEN LIQUOR	2	FERTILIZER CALCIUM CARBONATE	1
GROUND LIMESTONE	2	FERTILIZER K-MAG	1
LEAD ACID BATTERIES-DRY	2	FERTILIZER MAP	1
LIME	2	FERTILIZER MIXTURE	1
NATURAL GAS	2	FERTILIZER MURIATE OF POTASH 0-0-62	1
NITROGEN CRYOGENIC	2	FERTILIZER POTASSIUM CHLORIDE	1
POLYVINYL CHLORIDE RESIN	2	FERTILIZER SUL PO MAG	1
SAND	2	FERTILIZER URAN 32-0-0	1
SODA ASH	2	FLOUR	1
USED OIL	2	FLY ASH	1
WHEAT FLOUR	2	FUEL OIL	1

2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

SUBSTANCES REPORTED IN QUANTITIES EXCEEDING 1 MILLION UNITS, continued

Chemical Name	Count	Chemical Name	Count
GASOLINE UNLEADED REGULAR	1	PEBBLE QUICKLIME	1
GRAPHITE	1	PERLITE ORE	1
GREEN DIAMOND SAND	1	PETROLEUM COKE	1
GREEN LIQUOR DREGS-SLAKER GRITS-LIME MUD	1	PHENOL FORMALDEHYDE RESIN	1
GYPHUM	1	PLY VENEER	1
HB FULLER HL0008	1	POLYETHYLENE	1
HELIUM	1	POLYSTYRENE INSULATION	1
HIGH IRON-IRON SAND	1	POTASH	1
KINGSFORD CHARCOAL BRIQUETS	1	PROPANE	1
KINGSFORD MATCHLIGHT BRIQUETS	1	PUMICE	1
K-MAG	1	QUICKLIME	1
LATICRETE SANDED GROUT	1	RADIOACTIVE ISOTOPES	1
LATICRETE THINSET MORTAR	1	RECYCLED GLASS	1
LATICRETE UNSANDED GROUT	1	REFRACTORY BRICK	1
LEAD ALLOYS AND SCRAP	1	RESIN COATED SILICA SAND	1
LEAD OXIDE	1	RESIN UREA FORMALDEHYDE	1
LIGNITE	1	REX LIME SULFUR	1
LILLY MILLER ULTRAGREEN WEED AND FEED	1	RUBBER STYRENE BUTADIENE	1
LIME MUD	1	SCRAP METAL - RECYCLE	1
LIME SLUDGE	1	SILICA SAND	1
LIMESTONE	1	SILICON CARBIDE	1
LIQUOR BLACK HEAVY	1	SODIUM CHLORATE CRYSTALS	1
LIQUOR BLACK WEAK	1	SOYBEAN MEAL	1
LIQUOR GREEN	1	SPHERICHROME	1
LIQUOR WHITE	1	SWEET CRUDE OIL	1
LUBRICATING OIL	1	SYNTHETIC BLEND MOTOR OIL	1
MARINE DIESEL OIL	1	TALC	1
MARINE FUEL OIL	1	TITANIUM BASE ALLOYS	1
MAX CEM	1	TITANIUM CHIPS AND SPONGE	1
MELAMINE	1	UREA AMMONIUM NITRATE SOLUTION	1
METHANE	1	UREA AMMONIUM SOLN 32	1
MONOAMMONIUM PHOSPHATE	1	UREA FERTILIZER	1
MOTOR OIL	1	VECTOBAC G	1
MURIATE OF POTASH 0-0-60	1	WASTE BLAST MEDIA	1
NEWSPRINT	1	WASTE BOILER FLY ASH	1
NITROGEN	1	WASTEWATER TMT SLUDGE	1
NORTHSTAR SODIUM HYPOCHLORITE	1	WATER BASE FLEXOGRAPHIC INK	1
OIL BUNKER C	1	WELDING WIRE	1
OXYGEN LIQUID	1	WOOD PULP	1
PAINT THERMOPLASTIC WHITE	1	ZIRCONIUM BASE ALLOYS	1
PARTICLEBOARD	1	ZIRCONIUM METAL	1
		TOTAL	297