

Oregon Office of State Fire Marshal

Community Right to Know 2010 Information Summary



Prevention ■ Preparedness ■ Response

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EXECUTIVE SUMMARY

This report summarizes information reported to the Office of State Fire Marshal (OSFM) about hazardous substances stored, released, or involved in an emergency incident in Oregon in 2010. Additional information can be requested by contacting the Community Right to Know Information Assistant at 503-934-8353 or sfm.cr2k@state.or.us.

This report is available on the OSFM website at:

http://www.oregon.gov/OSP/SFM/docs/CR2K/CR2K_General/AnnualCR2KSummary2010.pdf

The information contained in this report is collected by the OSFM under authority granted through state and federal law. The Oregon Community Right to Know and Protection Act (ORS 453.317 to ORS 453.520) requires facilities with certain quantities of hazardous substances to annually report information about those substances to the OSFM. In addition, this law requires emergency responders to report incidents involving the release, or threatened release, of hazardous substances to the OSFM. Facilities subject to state hazardous substance storage reporting requirements must submit an annual Hazardous Substance Information Survey to OSFM. Responders can fulfill their obligation for reporting responses to hazardous substance incidents by entering information about the response into the OSFM's online incident reporting program, Oregon Fire and EMS Bridge™.

In addition to these state laws, the federal Emergency Planning and Community Right to Know Act (EPCRA), Section 312 requires certain businesses to report storage of hazardous substances to the State Emergency Response Commission (SERC) and local authorities, including fire departments. Facilities must report this information on a Tier II report, or a form approved by the SERC. In Oregon, the OSFM serves as the SERC and requires facilities subject to EPCRA to submit the Hazardous Substance Information Survey in lieu of a Tier II report. Oregon's Hazardous Substance Information Survey reporting requirements are very similar to the federal EPCRA reporting requirements, but are more stringent with lower reporting thresholds, and fewer exemptions.

COMMUNITY RIGHT TO KNOW BACKGROUND

In December 1984, the release of a deadly cloud of methyl isocyanate from a Union Carbide plant tragically killed thousands of people in Bhopal, India. In August 1985, another serious accidental release of the same chemical occurred at another Union Carbide plant in Institute, West Virginia. These and other events raised concerns about the lack of planning and preparation to respond to chemical accidents. Those concerns led to public demand for information about toxic chemicals at facilities that, should there be a release, could endanger the surrounding community.

In response to these concerns, the Oregon legislature enacted the Oregon Community Right to Know and Protection Act of 1985. This law requires facilities to provide first responders and the public with information about hazardous substances stored at the facility. The Office of State Fire Marshal (OSFM) uses the Hazardous Substance Information Survey form to collect the required information, which is then distributed to the fire service and community planners. The OSFM is further directed to collect information about incidents involving hazardous substances, and to provide planning and training assistance to local jurisdictions on hazardous substance preparedness and emergency response.

In 1986, Congress passed the Superfund Amendments and Reauthorization Act (SARA). Title III of SARA is commonly referred to as the Emergency Planning and Community Right to Know Act (EPCRA). EPCRA is similar to the Oregon community right to know law in its purpose to ensure the safety of first responders and the public in emergencies involving the release of hazardous substances.

Under EPCRA, states are required to create a State Emergency Response Commission (SERC) to carry out the provisions of EPCRA. This includes establishing local emergency planning districts and appointing citizens and local officials to local emergency planning committees (LEPC's). The Environmental Protection Agency (EPA) produced a list of Extremely Hazardous Substances (EHS) and threshold reporting quantities. Facilities possessing EHS at or above threshold quantities are required to notify the SERC and LEPC that the facility is subject to EHS reporting and planning requirements. LEPC's are empowered to cooperatively work with facilities to develop off site emergency response plans.

ORS 453.520 designates the OSFM as the State Emergency Response Commission (SERC). OSFM is responsible for ensuring federal provisions of EPCRA are carried out in Oregon and administering the provisions of the Oregon Community Right to Know and Protection Act.

SECTION I

2010 Hazardous Substance Storage in Oregon

HAZARDOUS SUBSTANCE STORAGE REPORTING REQUIREMENTS

The information summarized in this section is reported by facilities as required by the Oregon Community Right to Know and Protection Act and the federal Emergency Planning and Community Right to Know Act (EPCRA). Businesses and government agencies that possess a substance for which the Oregon Occupational Safety and Health Administration (OR-OSHA) requires the manufacturer to develop a Material Safety Data Sheet (MSDS) are potentially covered by community right to know laws. The OSFM requires any facility that possesses such substances at or above established reporting quantities to report those substances on the annual Hazardous Substance Information Survey, hereafter referred to as “survey”. The survey is the Oregon equivalent of the federal Tier II reporting form, required under EPCRA Section 312.

Reportable Quantities

Oregon reportable quantities are:

- ❖ 500 pounds of a solid
- ❖ 50 gallons of a liquid
- ❖ 200 cubic feet of a gas

Oregon reportable quantities for highly toxic substances and explosives are :

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

If a substance is listed by EPA as an Extremely Hazardous Substance (EHS), it must be reported if it is present at or above the EPA Threshold Planning Quantity (TPQ) listed for the substance, or the Oregon reportable quantities, whichever is lower.

Any quantity of a radioactive substance or radioactive waste, other than sealed sources as defined in OAR 333-100-0005(118), must be reported.

Type of Information Collected

Information required on the survey includes:

- ❖ Facility identification (facility name, site address, owner’s name, etc.)
- ❖ Chemical or product name
- ❖ Hazard Classification(s)
- ❖ Average and maximum amounts on site
- ❖ Storage container type and temperature/pressure
- ❖ Chemical storage locations

Extremely Hazardous Substances (EHS)

The federal EPCRA places special emphasis on substances with human toxicity and categorizes them as Extremely Hazardous Substances (EHS). Facilities possessing threshold quantities of an EHS are subject to special notification and emergency planning requirements. Reference is made to EHS facilities at certain points throughout this report.

CHART 1: COUNT OF SURVEYS SENT BY MONTH

This chart shows the number of Hazardous Substance Information Surveys mailed each month in 2010. The CR2K program sends the survey to facilities in different counties each month to even the workload of processing completed surveys.

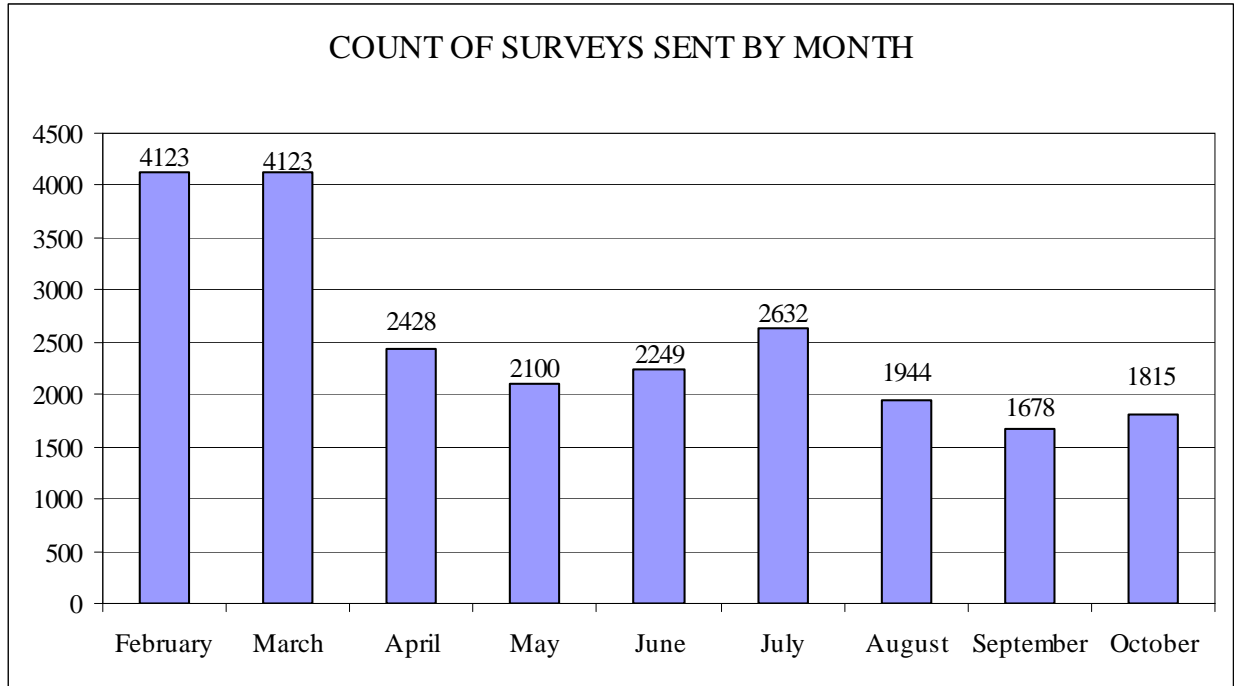


TABLE 1: SCHEDULE OF SURVEYS SENT TO COUNTIES

OSFM surveys facilities starting in February and ending in September. There are no mailings in October through January.

MONTH	COUNTIES SURVEYED
February	Baker, Crook, Gilliam, Grant, Harney, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco, Wheeler
March	Deschutes, Marion, Polk
April	Coos, Curry, Jackson, Josephine
May	Benton, Douglas, Linn
June	Lane, Lincoln
July	Clackamas, Hood River, Yamhill
August	Tillamook, Washington
September	Columbia, Multnomah (Zip Codes greater than or equal to 97217)
October	Clatsop, Multnomah (Zip Codes less than or equal to 97216)

TABLE 2: COMPLIANCE RATE FOR RETURNING THE HAZARDOUS SUBSTANCE INFORMATION SURVEY - BY COUNTY

This table shows the rate of return of surveys as well as the number of facilities indicating they meet the threshold planning quantity for at least one Extremely Hazardous Substance (EHS).

COUNTY	SURVEYS SENT	SURVEYS RETURNED	% RETURNED	EHS FACILITIES
BAKER	193	177	91.71	13
BENTON	448	405	90.40	16
CLACKAMAS	1914	1566	81.82	97
CLATSOP	311	281	90.35	26
COLUMBIA	316	264	83.54	20
COOS	590	524	88.81	35
CROOK	179	149	83.24	9
CURRY	219	191	87.21	12
DESCHUTES	1044	795	76.15	49
DOUGLAS	835	758	90.78	47
GILLIAM	45	40	88.89	9
GRANT	118	111	94.07	3
HARNEY	111	98	88.29	7
HOOD RIVER	185	159	85.95	13
JACKSON	1151	979	85.06	62
JEFFERSON	172	148	86.05	10
JOSEPHINE	486	409	84.16	20
KLAMATH	629	548	87.12	41
LAKE	139	121	87.05	22
LANE	2167	1781	82.19	84
LINCOLN	427	379	88.76	18
LINN	911	795	87.27	58
MALHEUR	326	290	88.96	25
MARION	1704	1439	84.45	94
MORROW	139	130	93.53	26
MULTNOMAH	3745	3116	83.20	195
POLK	311	265	85.21	23
SHERMAN	47	47	100.00	5
SUBSTATION	15	13	86.67	1
TILLAMOOK	274	247	90.15	21
UMATILLA	557	480	86.18	49
UNION	250	217	86.80	25
WALLOWA	121	107	88.43	13
WASCO	248	222	89.52	17
WASHINGTON	2136	1756	82.21	157
WHEELER	35	29	82.86	4
YAMHILL	594	505	85.02	23

CHART 2: TOP 10 CITIES - NUMBER OF SURVEYS SENT

This chart shows the 10 cities in Oregon with the most facilities receiving a survey.

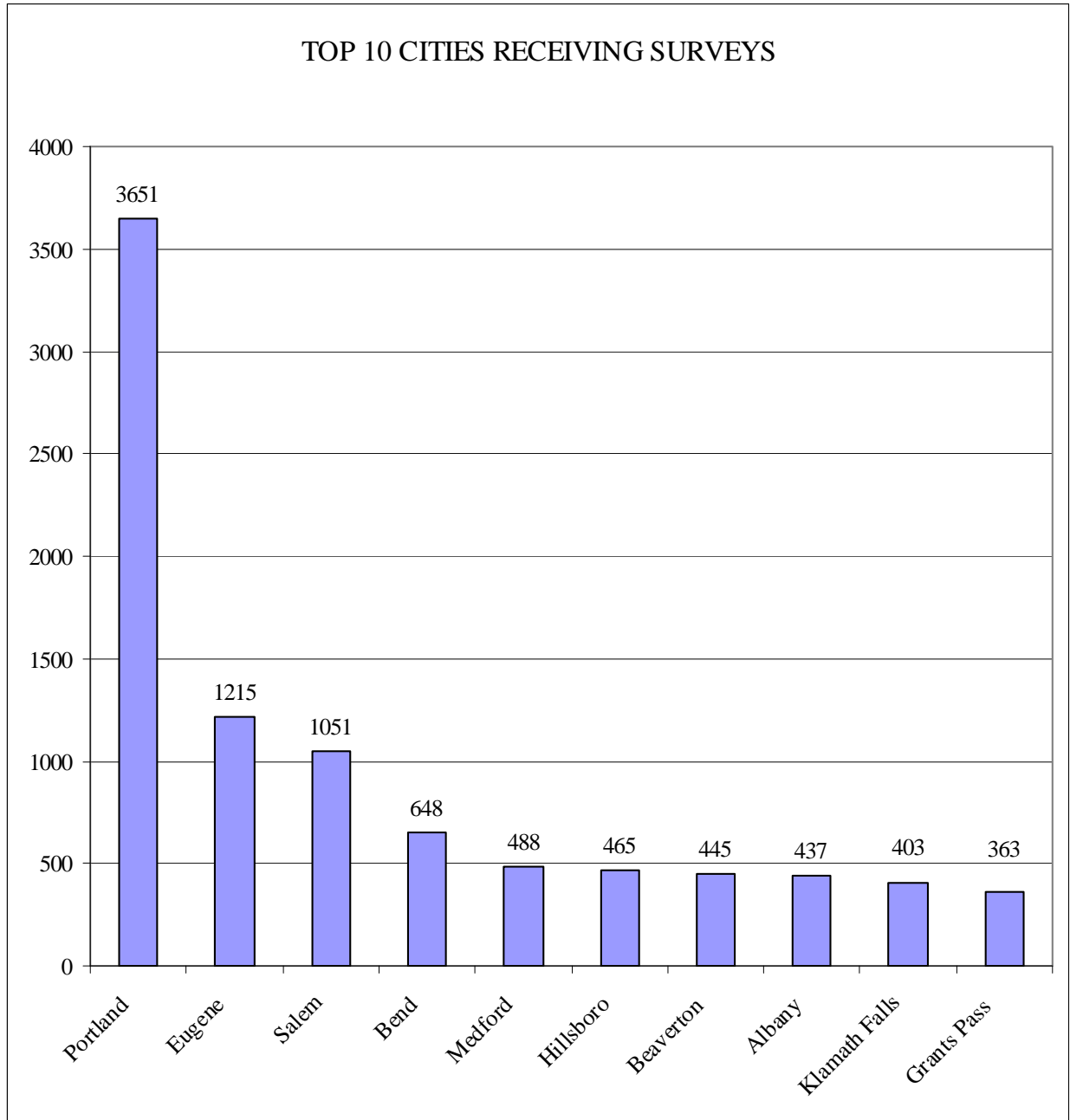


CHART 3: MOST FREQUENTLY REPORTED SUBSTANCES

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

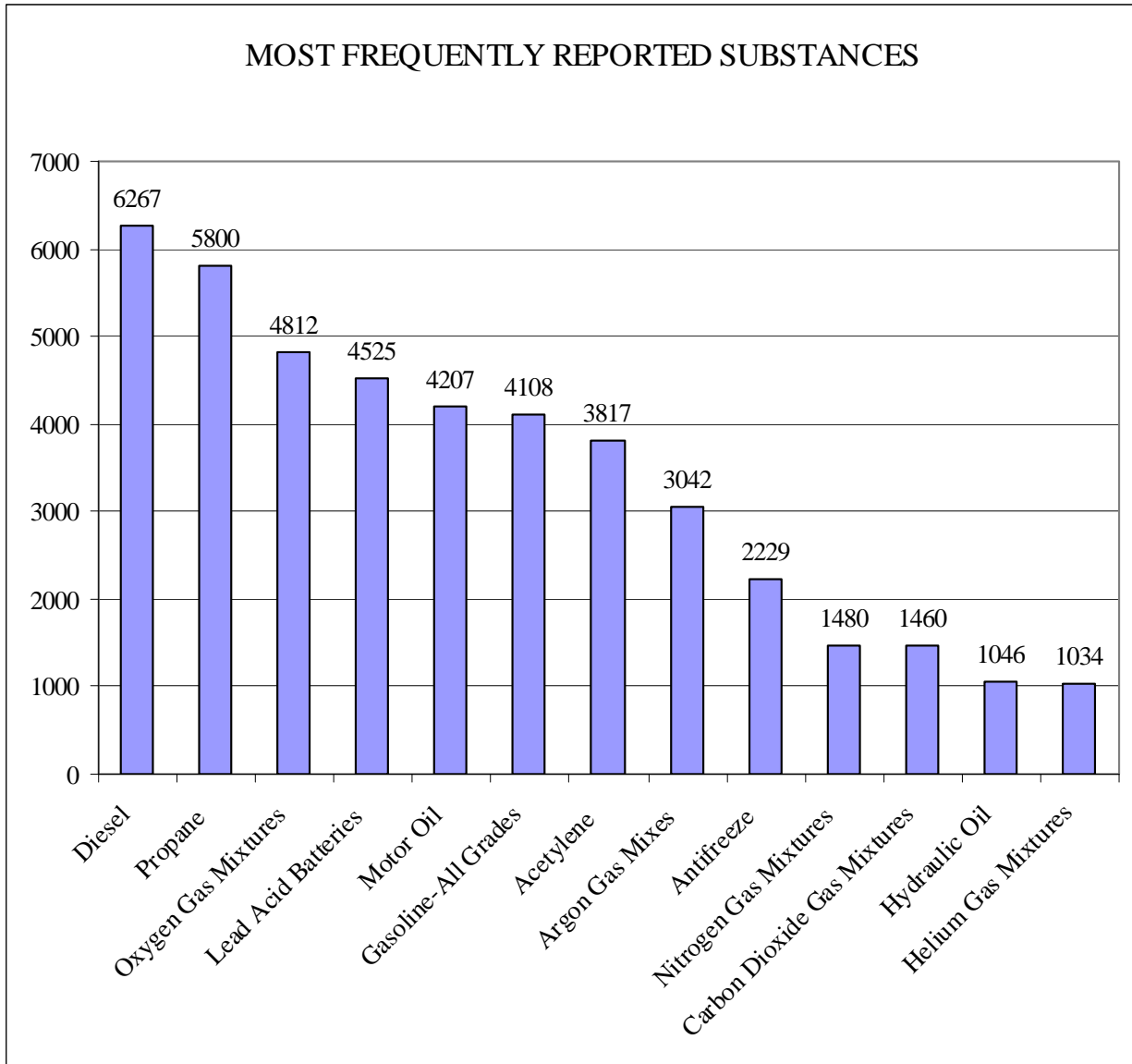
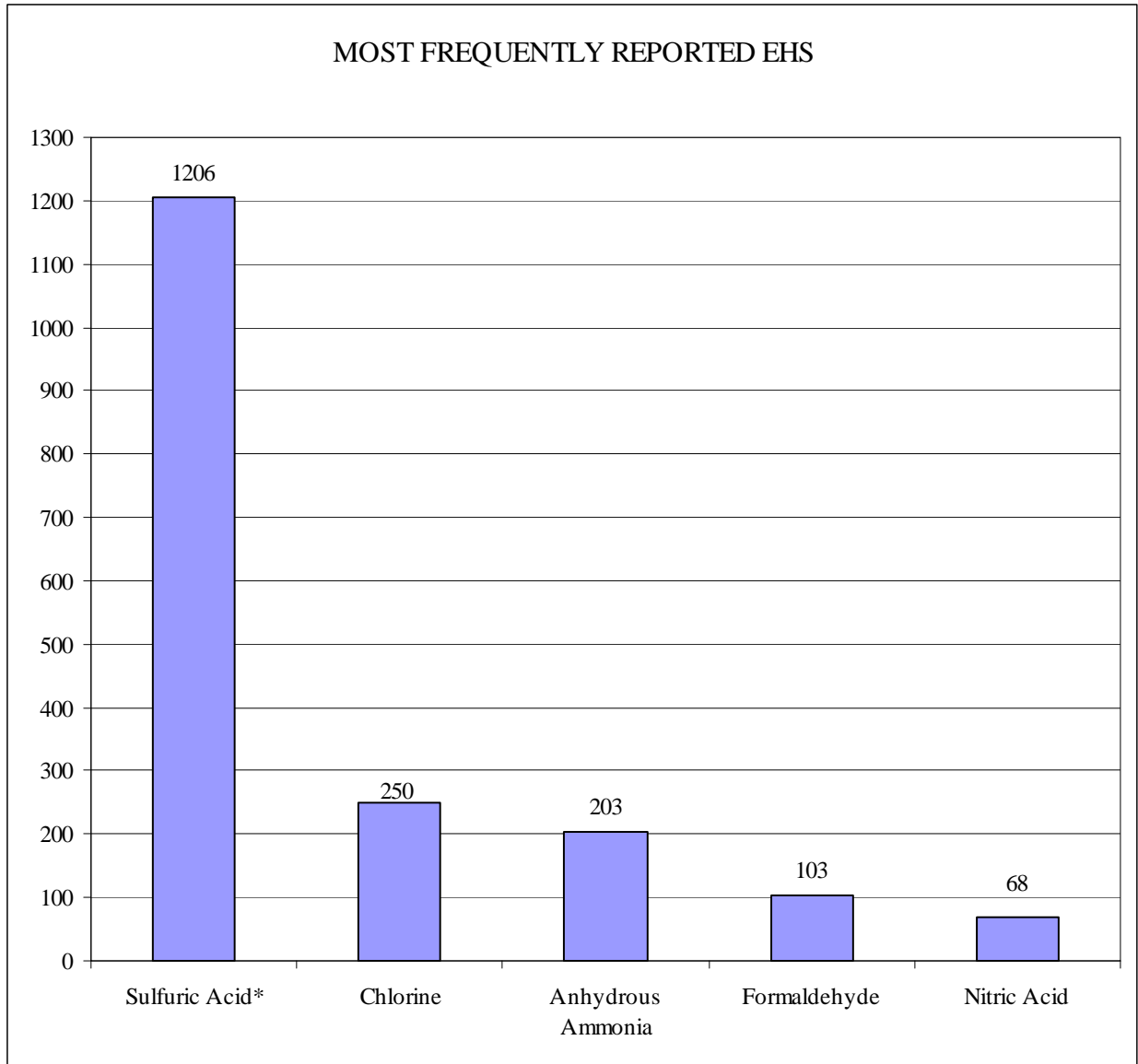


CHART 4: MOST FREQUENTLY REPORTED EXTREMELY HAZARDOUS SUBSTANCES

This chart shows the five Extremely Hazardous Substances most frequently reported by facilities in Oregon.



*The high number for sulfuric acid is largely due to the use of sulfuric acid as an electrolyte in automotive, truck, and forklift batteries. This number includes new, used, and waste batteries, as well as sulfuric acid not intended for battery usage.

TABLE 3: SURVEY INFORMATION BY COUNTY & CITY

This table shows all cities in Oregon with at least one reporting facility. Organized by county, with the totals for each county across the top, the table is arranged alphabetically by city. Please note, this data is organized by the county in which the facility resides. In many cases, facilities exist outside the city boundaries, even across county lines. Thus, Salem is shown in three counties: Marion, Polk, and Yamhill, as a Salem site address is used in all three of these counties. Likewise, Bend is listed in Deschutes, Jefferson, and Crook counties even though Bend city boundaries lie entirely within Deschutes County.

EHS facilities are those that possess an Extremely Hazardous Substance as defined by the EPA at or above the Threshold Planning Quantity (TPQ). Facilities with listed substances at or above these threshold quantities, or possessing EHS substances in mixtures where the EHS substance meets or exceeds the TPQ, are subject to the emergency planning provisions of the federal community right to know law.

In this table, the Chemicals Reported are the total number of chemicals reported by all facilities in that city. The same chemical may be reported by multiple facilities and each instance is counted toward the total number of substances. For example, a city with 20 gasoline stations will have gasoline reported 20 times.

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
BAKER		212	13	771
	BAKER CITY	108	6	537
	BRIDGEPORT	6	0	3
	DURKEE	6	2	31
	HAINES	10	1	21
	HALFWAY	13	0	33
	HEREFORD	1	0	2
	HUNTINGTON	14	3	42
	NORTH POWDER	11	1	24
	OXBOW	8	0	34
	RICHLAND	10	0	27
	SUMPTER	4	0	10
	UNITY	21	0	7
BENTON		451	16	2,256
	ADAIR VILLAGE	2	1	5
	ALBANY	16	1	129
	ALSEA	9	0	31
	BLODGETT	8	0	11
	CORVALLIS	302	9	1,585
	JUNCTION CITY	2	0	4
	MONMOUTH	2	0	11
	MONROE	31	3	136
	PHILOMATH	79	2	344

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
CLACKAMAS		1,913	104	9,271
	AURORA	19	1	88
	BEAVERCREEK	17	0	55
	BORING	79	3	363
	BRIGHTWOOD	8	0	12
	CANBY	145	6	805
	CLACKAMAS	308	22	1,899
	COLTON	16	0	51
	DAMASCUS	20	0	54
	EAGLE CREEK	15	0	54
	ESTACADA	72	3	260
	GLADSTONE	38	1	167
	GOVERNMENT CAMP	18	1	71
	HAPPY VALLEY	28	1	54
	HUBBARD	6	0	31
	LAKE OSWEGO	123	5	381
	LYONS	2	0	2
	MARYLHURST	1	0	1
	MILWAUKIE	225	18	1,190
	MOLALLA	95	6	314
	MOUNT ANGEL	2	0	6
	MULINO	15	2	79
	OAK GROVE	9	0	111
	OREGON CITY	214	6	911
	PORTLAND	111	3	557
	RHODODENDRON	3	0	8
	SANDY	104	6	345
	SCOTTS MILLS	1	0	1
	SHERWOOD	6	0	15
	TUALATIN	11	0	22
	WELCHES	10	1	26
	WEST LINN	66	3	210
	WILSONVILLE	122	11	1,122
	WOOD VILLAGE	1	0	0
	WOODBURN	3	5	6
CLATSOP		309	27	1,473
	ARCH CAPE	2	0	7
	ASTORIA	148	15	643
	BIRKENFELD	3	0	8
	CANNON BEACH	11	1	22
	CLATSKANIE	5	3	213
	GEARHART	7	0	23

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	HAMMOND	7	0	32
	NEHALEM	1	0	9
	SEASIDE	58	4	201
	WARRENTON	64	4	310
	WESTPORT	3	0	5
COLUMBIA		318	15	1,547
	BIRKENFELD	4	0	22
	CLATSKANIE	50	6	297
	COLUMBIA CITY	8	1	31
	DEER ISLAND	10	2	128
	PORTLAND	1	0	11
	RAINIER	52	0	206
	SAINT HELENS	78	5	467
	SCAPPOOSE	69	0	254
	VERNONIA	31	1	92
	WARREN	15	0	39
COOS		590	35	2,115
	ALLEGANY	1	1	1
	BANDON	73	6	231
	BROADBENT	2	0	7
	CAMAS VALLEY	2	0	3
	CHARLESTON	13	2	71
	COOS BAY	250	7	960
	COQUILLE	60	4	176
	LAKESIDE	16	3	27
	MYRTLE POINT	44	3	134
	NORTH BEND	116	8	463
	NORWAY	2	0	3
	POWERS	11	1	39
CROOK		178	9	650
	BEND	1	0	2
	PAULINA	6	0	10
	POST	2	0	3
	POWELL BUTTE	21	0	38
	PRINEVILLE	147	9	590
	TERREBONNE	1	0	7
CURRY		221	11	668
	AGNESS	4	0	6
	BROOKINGS	100	6	337
	GOLD BEACH	53	3	159
	HARBOR	12	0	31

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	LANGLOIS	14	2	31
	PISTOL RIVER	2	0	2
	PORT ORFORD	33	0	99
	SIXES	2	0	1
	WEDDERBURN	1	0	2
DESCHUTES		1,041	48	3,844
	BEND	643	27	2,508
	BLACK BUTTE RANCH	1	0	20
	BROTHERS	6	2	17
	CAMP SHERMAN	2	0	0
	LA PINE	65	4	170
	PRINEVILLE	1	0	1
	REDMOND	225	14	859
	SISTERS	62	0	164
	SUNRIVER	21	1	66
	TERREBONNE	14	0	37
	VIDA	1	0	2
DOUGLAS		836	48	3,456
	AZALEA	6	0	10
	CAMAS VALLEY	9	1	17
	CANYONVILLE	24	0	86
	CHEMULT	2	0	6
	COQUILLE	1	1	3
	CURTIN	2	0	1
	DAYS CREEK	10	2	42
	DIAMOND LAKE RESORT	2	1	12
	DILLARD	12	2	204
	DRAIN	26	3	115
	ELKTON	15	0	41
	GARDINER	9	0	27
	GLENDALE	22	1	103
	GLIDE	14	2	37
	IDLEYLD PARK	25	0	76
	MYRTLE CREEK	56	3	165
	OAKLAND	31	0	85
	REEDSPORT	58	7	211
	RIDDLE	30	5	208
	ROSEBURG	344	11	1,544
	SCOTTSBURG	1	1	1
	SUTHERLIN	59	3	227
	TENMILE	5	1	13

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	TILLER	4	0	9
	UMPQUA	2	0	5
	VENETA	1	0	1
	WILBUR	2	0	1
	WINCHESTER	2	0	6
	WINCHESTER BAY	8	0	40
	WINSTON	26	2	93
	YONCALLA	28	2	67
GILLIAM		45	9	241
	ARLINGTON	21	5	151
	CONDON	24	4	90
GRANT		100	3	415
	BATES	1	0	4
	CANYON CITY	18	0	62
	DALE STORE	2	0	6
	DAYVILLE	6	0	13
	GRANITE	3	0	6
	JOHN DAY	44	1	208
	KIMBERLY	2	0	10
	LONG CREEK	7	1	21
	MONUMENT	5	1	19
	MOUNT VERNON	12	0	20
	PRAIRIE CITY	12	0	39
	RITTER	2	0	2
	SENECA	4	0	8
	SUMPTER	1	0	1
HARNEY		110	7	328
	BURNS	69	5	205
	CRANE	5	0	12
	DIAMOND	2	0	2
	DREWSEY	1	0	1
	FIELDS	6	0	13
	FRENCH GLEN	1	0	2
	HINES	20	1	81
	NEW PINE CREEK	1	1	2
	PRINCETON	2	0	3
	RILEY	3	0	7
HOOD RIVER		175	13	975
	CASCADE LOCKS	15	0	70
	HOOD RIVER	135	10	683
	MOUNT HOOD	25	1	95

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	PARKDALE			
	ODELL	10	2	127
JACKSON		1,153	77	5,435
	APPLEGATE	3	0	4
	ASHLAND	126	11	422
	BUTTE FALLS	15	2	42
	CENTRAL POINT	174	7	813
	EAGLE POINT	48	1	127
	GOLD HILL	30	1	92
	GRANTS PASS	6	0	16
	JACKSONVILLE	15	1	33
	MEDFORD	489	28	2,462
	PHOENIX	29	2	101
	PROSPECT	12	5	48
	ROGUE RIVER	25	1	63
	SHADY COVE	15	9	28
	TALENT	32	1	112
	TRAIL	11	1	52
	WHITE CITY	123	7	1,020
JEFFERSON		172	10	858
	BLACK BUTTE RANCH	1	0	0
	CAMP SHERMAN	5	1	11
	CROOKED RIVER RANCH	7	0	33
	CULVER	28	0	184
	MADRAS	103	8	562
	METOLIUS	4	0	3
	SISTERS	1	0	3
	TERREBONNE	2	0	1
	WARM SPRINGS	21	1	61
JOSEPHINE		485	20	1,600
	CAVE JUNCTION	53	3	164
	GRANTS PASS	357	12	1,243
	KERBY	3	0	15
	MERLIN	30	1	89
	MURPHY	6	2	26
	O BRIEN	3	0	4
	SELMA	9	0	13
	SUNNY VALLEY	3	0	5
	WILDERVILLE	3	0	5
	WILLIAMS	10	1	23

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	WOLF CREEK	8	1	13
KLAMATH		633	41	2,654
	BEATTY	1	0	1
	BLY	10	0	19
	BONANZA	21	1	79
	CASCADE SUMMIT	1	0	4
	CHEMULT	24	3	70
	CHILOQUIN	54	4	202
	CHRISTMAS VALLEY	1	0	1
	CRATER LAKE	5	1	17
	CRESCENT	11	1	43
	CRESCENT LAKE	9	1	27
	DAIRY	4	0	7
	FORT KLAMATH	5	1	10
	GILCHRIST	4	1	34
	KENO	14	0	56
	KLAMATH FALLS	402	23	1,883
	LA PINE	3	0	6
	MALIN	25	2	63
	MERRILL	25	2	113
	MIDLAND	4	0	6
	SPRAGUE RIVER	10	1	13
LAKE		139	31	490
	ADEL	3	9	18
	CHRISTMAS VALLEY	12	1	28
	FORT ROCK	4	2	9
	LAKEVIEW	87	10	309
	PAISLEY	11	3	34
	PLUSH	2	0	4
	RILEY	1	0	12
	SILVER LAKE	16	6	63
	SUMMER LAKE	3	0	13
LANE		2,169	85	10,713
	ALVADORE	3	0	9
	BLACHLY	5	0	11
	BLUE RIVER	11	1	54
	CHESHIRE	6	0	16
	COBURG	21	5	183

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	COTTAGE GROVE	112	5	430
	CRESWELL	44	1	116
	CULP CREEK	3	0	8
	DEADWOOD	4	0	5
	DEXTER	13	0	47
	DORENA	2	0	1
	ELMIRA	12	0	33
	EUGENE	1,217	42	6,156
	FALL CREEK	3	0	4
	FLORENCE	97	2	304
	GLENWOOD	1	0	2
	GOSHEN	4	0	7
	JASPER	6	1	37
	JUNCTION CITY	107	4	484
	LEABURG	8	1	32
	LORANE	5	0	14
	LOWELL	19	4	64
	MAPLETON	10	1	51
	MARCOLA	7	0	15
	Mc KENZIE BRIDGE	1	0	1
	NOTI	7	1	54
	OAKRIDGE	35	2	122
	PLEASANT HILL	14	0	40
	SAGINAW	1	0	14
	SPRINGFIELD	337	11	2,201
	SWISSHOME	4	0	17
	VENETA	35	2	127
	VIDA	8	0	37
	WALTON	4	2	7
	WESTFIR	2	0	5
	WESTLAKE	1	0	5
LINCOLN		428	18	1,553
	BLODGETT	5	0	8
	DEPOE BAY	16	0	34
	EDDYVILLE	5	0	19
	GLENEDEN BEACH	8	1	18
	LINCOLN CITY	87	4	186
	LOGSDEN	3	0	5
	NEOTSU	1	0	2
	NEWPORT	131	10	626
	OTIS	13	0	40
	OTTER ROCK	2	0	5
	ROSE LODGE	7	0	15

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	SEAL ROCK	6	0	23
	SILETZ	10	0	15
	SOUTH BEACH	23	1	101
	TIDEWATER	4	0	8
	TOLEDO	55	2	312
	WALDPORT	40	0	111
	YACHATS	12	0	25
LINN		908	58	6,263
	ALBANY	417	28	3,162
	BLUE RIVER	2	0	30
	BROWNSVILLE	24	0	59
	CASCADIA	5	1	12
	CORVALLIS	18	3	92
	CRABTREE	1	0	2
	CRAWFORDSVILLE	2	0	3
	FOSTER	10	0	31
	GATES	3	0	7
	HALSEY	26	2	458
	HARRISBURG	55	5	494
	IDANHA	2	0	15
	JEFFERSON	2	0	7
	LEBANON	129	5	696
	LYONS	19	1	120
	MILL CITY	9	2	68
	MILLERSBURG	1	0	12
	SCIO	39	0	99
	SHEDD	9	3	69
	STAYTON	6	0	51
	SWEET HOME	81	6	357
	TANGENT	48	2	419
MALHEUR		326	25	1,665
	ADRIAN	11	0	34
	AROCK	2	0	7
	BROGAN	2	0	3
	HARPER	4	1	12
	HUNTINGTON	2	0	8
	IRONSIDE	1	0	4
	JAMISON	1	0	3
	JORDAN VALLEY	16	1	48
	JUNTURA	6	1	18
	NYSSA	43	4	216
	ONTARIO	184	14	1,131
	VALE	52	4	181

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	WESTFALL	2	0	9
MARION		1,706	96	11,383
	AUMSVILLE	35	2	122
	AURORA	66	4	260
	BROOKS	40	3	178
	CANBY	1	0	0
	DETROIT	15	3	43
	DONALD	10	2	162
	GATES	1	0	5
	GERVAIS	28	0	99
	HUBBARD	48	1	562
	IDANHA	2	0	5
	JEFFERSON	20	2	107
	KEIZER	72	1	199
	LYONS	3	0	6
	MEHAMA	7	0	20
	MILL CITY	7	0	33
	MOUNT ANGEL	31	5	843
	SAINT BENEDICT	3	0	6
	SAINT PAUL	21	1	286
	SALEM	966	43	5,724
	SCOTTS MILLS	4	0	7
	SILVERTON	86	4	375
	STAYTON	71	11	842
	SUBLIMITY	11	0	143
	SWEET HOME	1	0	1
	TURNER	29	2	133
	WOODBURN	128	12	1,222
MORROW		140	26	775
	BOARDMAN	61	12	491
	HEPPNER	36	7	88
	IONE	11	2	70
	IRRIGON	20	3	74
	LEXINGTON	12	2	52
MULTNOMAH		3,986	220	22,701
	BEAVERTON	1	0	1
	BRIDAL VEIL	1	0	1
	CASCADE LOCKS	5	0	45
	CORBETT	17	0	76
	FAIRVIEW	29	5	115
	GOVERNMENT CAMP	1	0	2

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	GRESHAM	240	14	1,334
	LAKE OSWEGO	2	0	30
	MILWAUKIE	3	18	1,193
	OREGON CITY	2	6	920
	PORTLAND	3,580	173	18,499
	TROUTDALE	91	3	419
	WILSONVILLE	1	0	1
	WOOD VILLAGE	13	1	65
POLK		312	20	1,708
	AMITY	1	0	4
	DALLAS	88	3	330
	FALLS CITY	7	0	11
	GRAND RONDE	10	1	35
	INDEPENDENCE	51	2	425
	MCMINNVILLE	1	0	1
	MONMOUTH	30	2	135
	PHILOMATH	1	0	1
	RICKREALL	19	1	315
	SALEM	80	8	311
	SHERIDAN	10	2	93
	WILLAMINA	14	1	47
SHERMAN		48	5	249
	GRASS VALLEY	4	1	7
	KENT	1	0	12
	MORO	10	1	51
	RUFUS	9	1	46
	WASCO	24	2	133
TILLAMOOK		274	21	1,090
	BAY CITY	9	0	42
	BEAVER	9	1	17
	CLOVERDALE	30	1	83
	GARIBALDI	17	0	63
	GRAND RONDE	1	0	4
	HEBO	7	0	16
	MANZANITA	9	2	27
	NEHALEM	27	6	74
	NESKOWIN	4		5
	NETARTS	3	0	6
	PACIFIC CITY	6	0	14
	ROCKAWAY BEACH	17	3	40

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	SEASIDE	1	0	1
	TILLAMOOK	126	6	685
	WHEELER	8	2	13
UMATILLA		567	49	3,457
	ADAMS	7	2	17
	ATHENA	12	2	63
	ECHO	12	3	33
	HELIX	7	0	30
	HERMISTON	186	12	1,299
	MCNARY	1	1	3
	MEACHAM	4	0	19
	MILTON-FREEWATER	75	5	392
	PENDLETON	178	9	833
	PILOT ROCK	13	1	70
	STANFIELD	17	1	59
	UKIAH	8	1	39
	UMATILLA	36	9	510
	WESTON	11	3	90
UNION		250	24	1,136
	COVE	13	2	21
	ELGIN	17	7	99
	IMBLER	7	1	54
	ISLAND CITY	7	0	65
	LA GRANDE	175	11	812
	MEDICAL SPRINGS	1	0	2
	NORTH POWDER	6	1	16
	SUMMERVILLE	2	0	4
	UNION	22	2	63
WALLOWA		121	15	342
	ENTERPRISE	65	3	198
	IMNAHA	3	3	7
	JOSEPH	30	6	87
	LOSTINE	8	1	10
	WALLOWA	15	2	40
WASCO		236	18	1,086
	ANTELOPE	4	0	11
	DUFUR	10	1	41
	MAUPIN	26	4	87
	MOSIER	1	1	24
	PINE GROVE	1	1	2

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	SHANIKO	4	0	9
	THE DALLES	166	10	851
	TYGH VALLEY	8	1	31
	WAMIC	6	0	11
	WARM SPRINGS	10	0	19
WASHINGTON		36	159	11,497
	ALOHA	85	8	298
	BANKS	32	4	114
	BEAVERTON	445	36	2,097
	BUXTON	4	0	8
	CORNELIUS	60	4	498
	DURHAM	3	0	9
	FOREST GROVE	125	9	744
	GALES CREEK	5	0	10
	GASTON	23	3	122
	GLENWOOD	1	1	2
	HILLSBORO	462	29	2,692
	LAKE OSWEGO	8	0	22
	MANNING	1	0	1
	NORTH PLAINS	39	1	142
	PORTLAND	190	13	812
	SHERWOOD	118	11	947
	TIGARD	253	19	1,200
	TIMBER	3	0	5
	TROUTDALE	1	0	1
	TUALATIN	249	19	1,510
	WILSONVILLE	24	2	263
WHEELER		36	4	95
	FOSSIL	14	3	44
	KIMBERLY	1	0	2
	MITCHELL	12	0	24
	SPRAY	9	1	25
YAMHILL		593	23	3,372
	AMITY	24	1	78
	CARLTON	38	3	193
	DAYTON	45	3	315
	DUNDEE	33	4	113
	GASTON	8	0	20
	GRAND RONDE	2	0	3
	HEBO	1	0	1
	HILLSBORO	1	0	1
	LAFAYETTE	11	1	26

COUNTY	CITY	FACILITIES SURVEYED	EHS FACILITIES	CHEMICALS REPORTED
	MCMINNVILLE	196	4	1,399
	NEWBERG	155	4	811
	SALEM	4	0	5
	SHERIDAN	39	1	195
	WILLAMINA	13	0	118
	YAMHILL	23	2	94

TABLE 4: NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) SECTORS

NAICS codes are developed by the U.S. Census Bureau to organize business and government activity into types. This table shows the number of facilities in each broad NAICS sector that were sent an Oregon survey in 2010.

NAICS SECTOR NUMBERS	NAICS SECTOR TITLE	COUNT OF FACILITIES
44-45	RETAIL TRADE	3,400
31-33	MANUFACTURING	3,217
81	OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)	2,448
51	INFORMATION	2,400
92	PUBLIC ADMINISTRATION	1,999
42	WHOLESALE TRADE	1,477
23	CONSTRUCTION	1,242
61	EDUCATIONAL SERVICES	987
48-49	TRANSPORTATION AND WAREHOUSING	979
11	AGRICULTURE, FORESTRY, FISHING AND HUNTING	621

TABLE 5: TOP 10 NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODES REPORTING

This table lists the ten specific NAICS industries with the most facilities that were sent an Oregon survey in 2010.

NAICS CODE	NAICS DESCRIPTION	COUNT OF FACILITIES
517212	CELLULAR & OTHER WIRELESS TELECOMMUNICATION	1,706
921190	OTHER GENERAL GOVERNMENT SUPPORT	1,381
811111	GENERAL AUTOMOTIVE REPAIR	1,081
611110	ELEMENTARY AND SECONDARY SCHOOLS	739
447110	GASOLINE STATIONS WITH CONVENIENCE STORES	682
447190	OTHER GASOLINE STATIONS	624
517110	WIRED TELECOMMUNICATIONS CARRIERS	436
441310	AUTOMOTIVE PARTS AND ACCESSORIES STORES	347
113310	LOGGING	312

CHART 5: SUBSTANCES REPORTED IN QUANTITIES EXCEEDING 1,000,000 UNITS (POUNDS, GALLONS & CUBIC FEET)

This chart illustrates substances reported in quantities exceeding 1,000,000 pounds, gallons, or cubic feet by more than one facility.

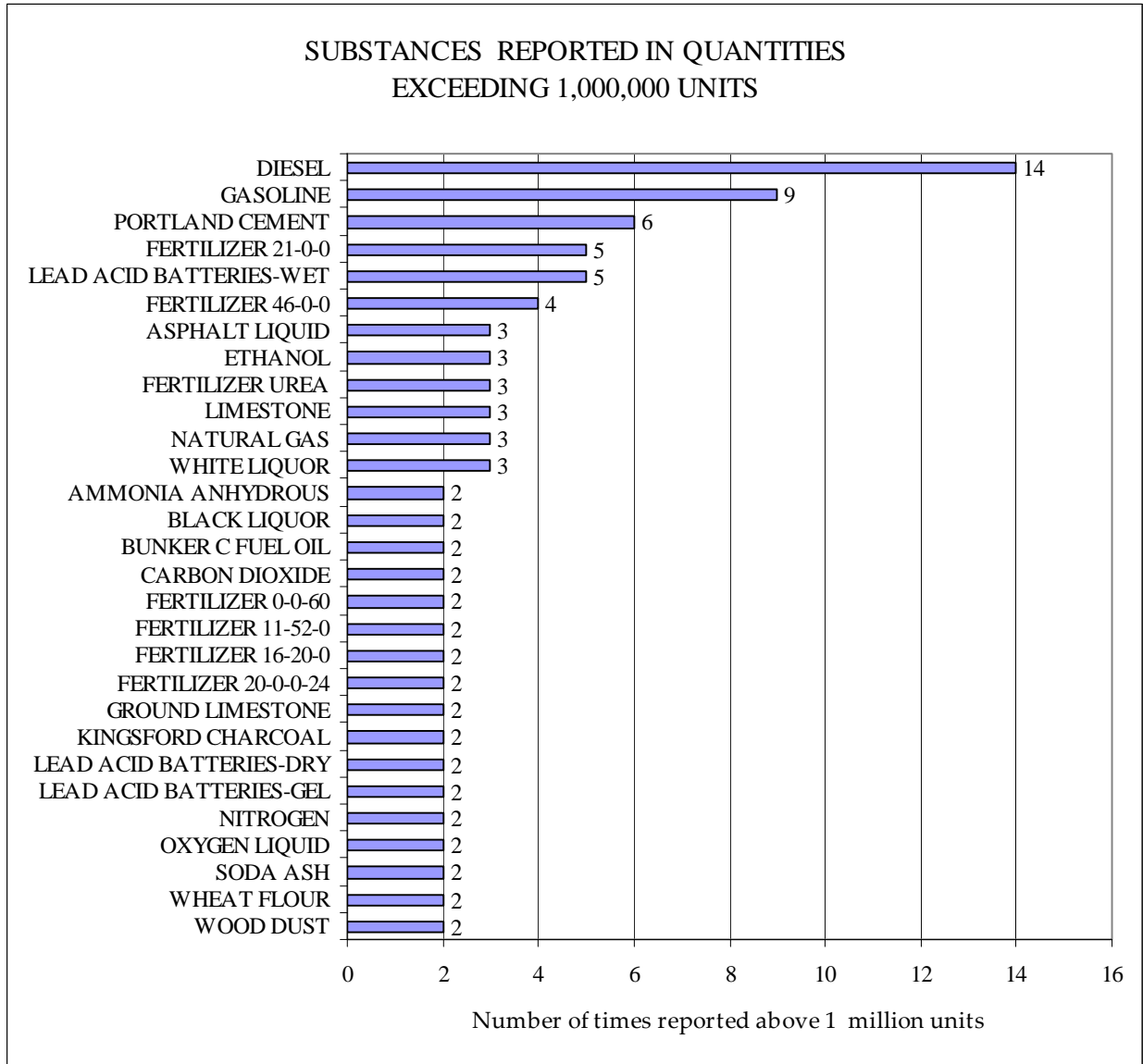


TABLE 6: HAZARD CLASS REPORTING FREQUENCY

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 41 substances have been assigned a hazard class of 1.1 in the OSFM database. Facilities reported a Hazard Class 1.1 substance 56 times on the survey in 2010.

HAZARD CLASS CODE	HAZARD CLASS DESCRIPTION	SUBSTANCES ASSIGNED THE HAZARD CLASS	HOW OFTEN THE HAZARD CLASS WAS REPORTED
1.1	Explosives (with a mass explosion hazard)	41	56
1.2	Explosives (with a projection hazard)	4	9
1.3	Explosives (with predominately a fire hazard)	34	159
1.4	Explosives (with no significant blast hazard)	8	55
1.5	Very Insensitive Explosives; Blasting Agents	31	43
2.1	Flammable Gas	299	10,819
2.2	Non-flammable Gas	812	15,944
2.3	Poisonous Gas	64	505
3.0	Flammable and Combustible Liquid	4,272	22,813
4.1	Flammable Solids	182	364
4.2	Spontaneously Combustible Material	46	87
4.3	Dangerous When Wet	158	303
4.4	Reactive Material	947	2,412
4.5	Combustible Material	5,822	23,677
5.1	Oxidizers	638	7,296
5.2	Organic Peroxides	61	93
6.1	Poisonous Material	671	1,668
6.2	Infectious Substance (Etiologic agent)	8	10
6.3	Acute Health Hazard	13,148	62,302
6.4	Chronic Health Hazard	4,377	25,510
6.5	Pesticide	2,538	8,068
7.0	Radioactive Material	211	448
8.0	Corrosive Material	4,693	15,573
9.0	Miscellaneous Hazardous Material	5,433	8,951

CHART 6: HISTORICAL SURVEY STATISTICS

This chart shows an increase in 1997 in the number of surveys sent as an effort was made to bring more industrial sectors into the reporting system. The recent decline in surveys sent illustrates a policy change to remove facilities who, after filing an initial survey, indicated they do not possess hazardous substances in reportable quantities. This policy change has reduced printing and mailing costs, as well as reducing the number of calls and the time compliance auditors spend answering the Hazardous Substance Information Hotline. These facilities have been moved to an inactive status.

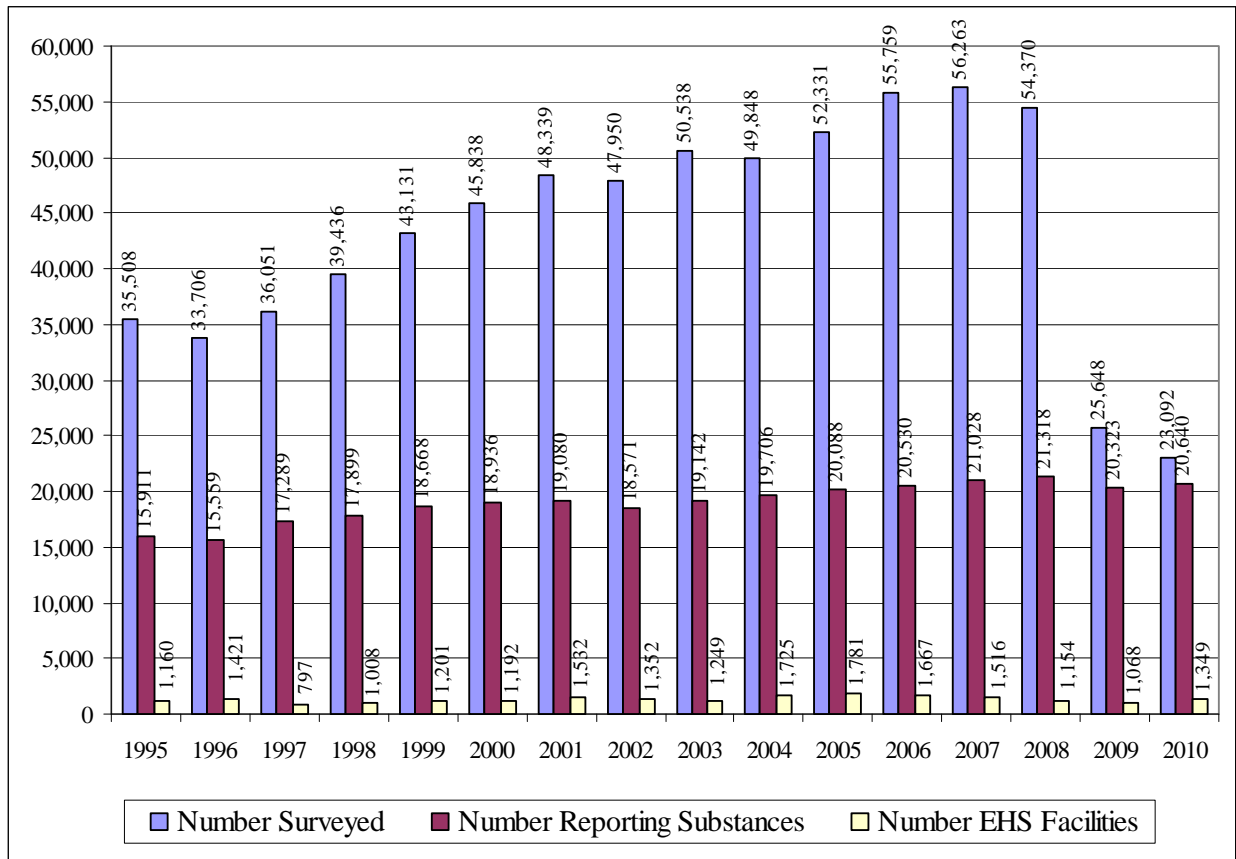
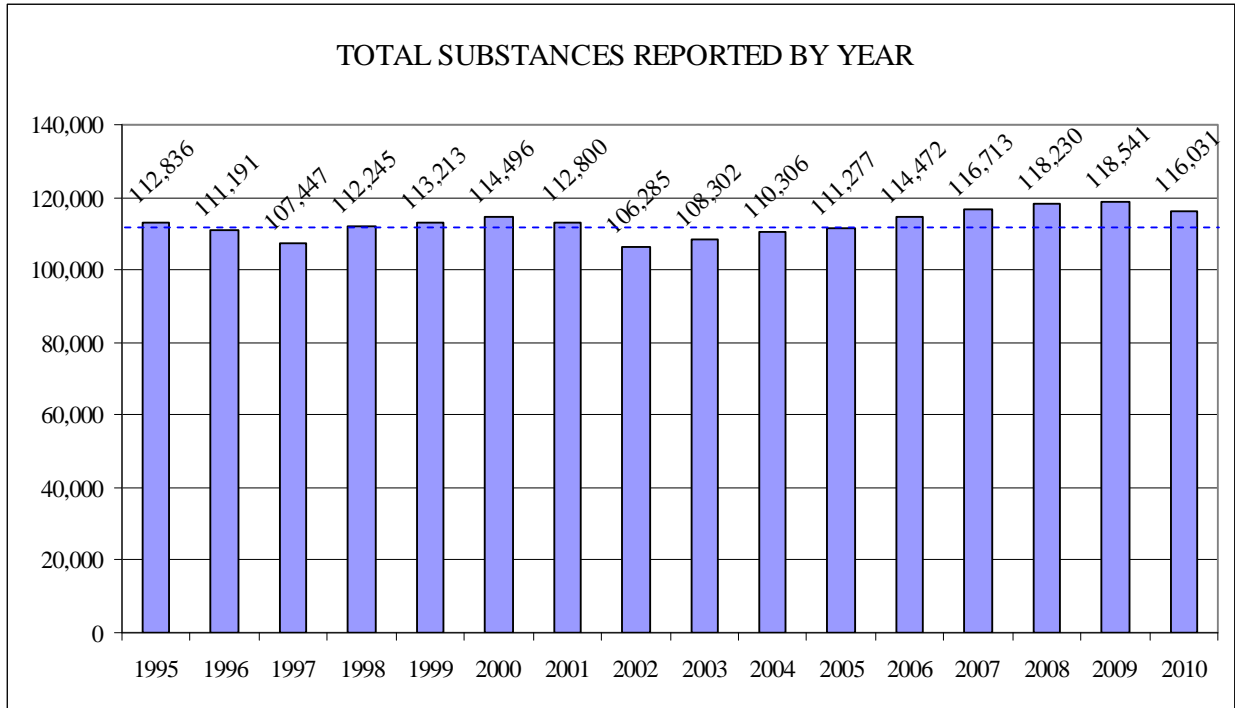


CHART 7: ANNUAL TOTAL NUMBER OF REPORTED CHEMICALS

This chart shows the total number of substances reported on an annual basis during the last 16 years. From a statistical point of view, the chart is essentially flat. The 16 year mean of 112,774 is indicated by the dashed line.



SECTION II

2010 Hazardous Substance Incidents in Oregon

OREGON FIRE AND EMS BRIDGE™

Under the Oregon Community Right to Know and Protection Act, those who respond to an incident involving hazardous substances must report information about that incident to the OSFM. The OSFM currently provides responders with an online incident reporting system called Oregon Fire and EMS Bridge™.

Fire departments reported 1,096 hazardous substance incidents in 2010. These incidents involved one civilian death, six civilian injuries, and two fire service injuries.

Using information collected in Oregon Fire and EMS Bridge™, this section presents several snapshot views of hazardous substance incidents in Oregon. More information can be requested by contacting the CR2K Information Assistant at 503-934-8353 or emailing sfm.cr2k@state.or.us.

CHART 1: NUMBER OF HAZARDOUS SUBSTANCE INCIDENTS BY MONTH

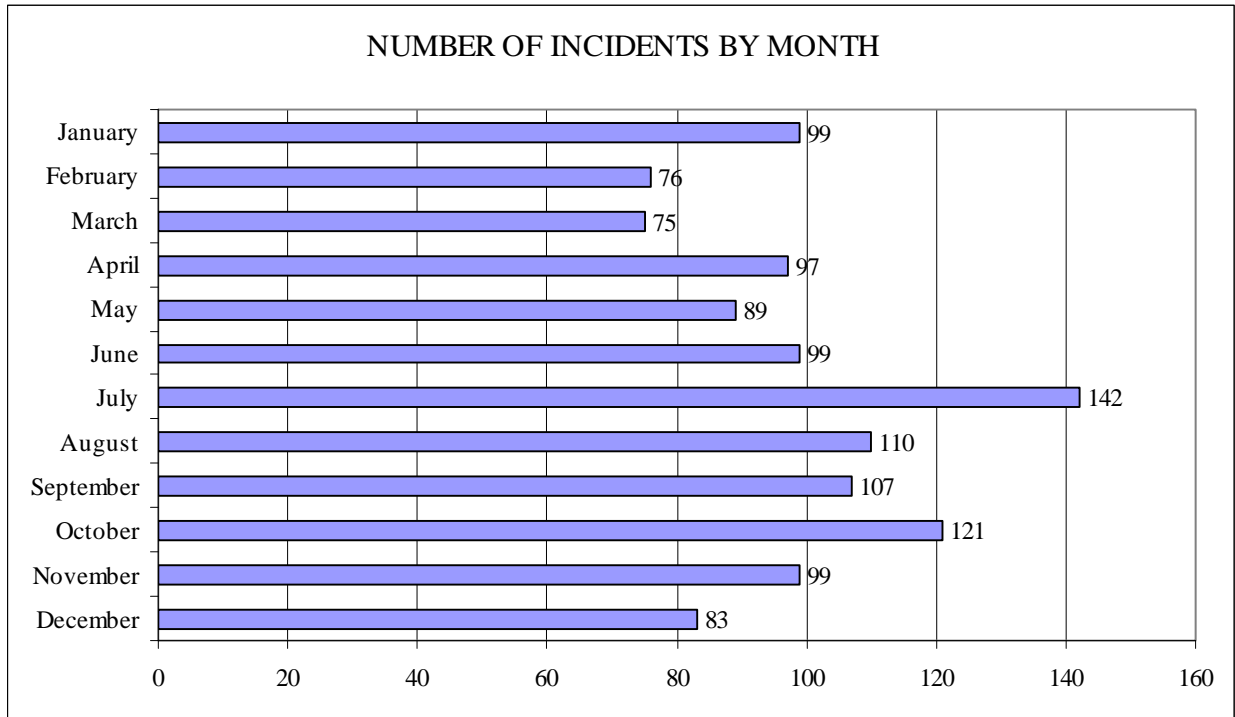


CHART 2: NUMBER OF HAZARDOUS SUBSTANCE INCIDENTS BY DAY OF THE WEEK

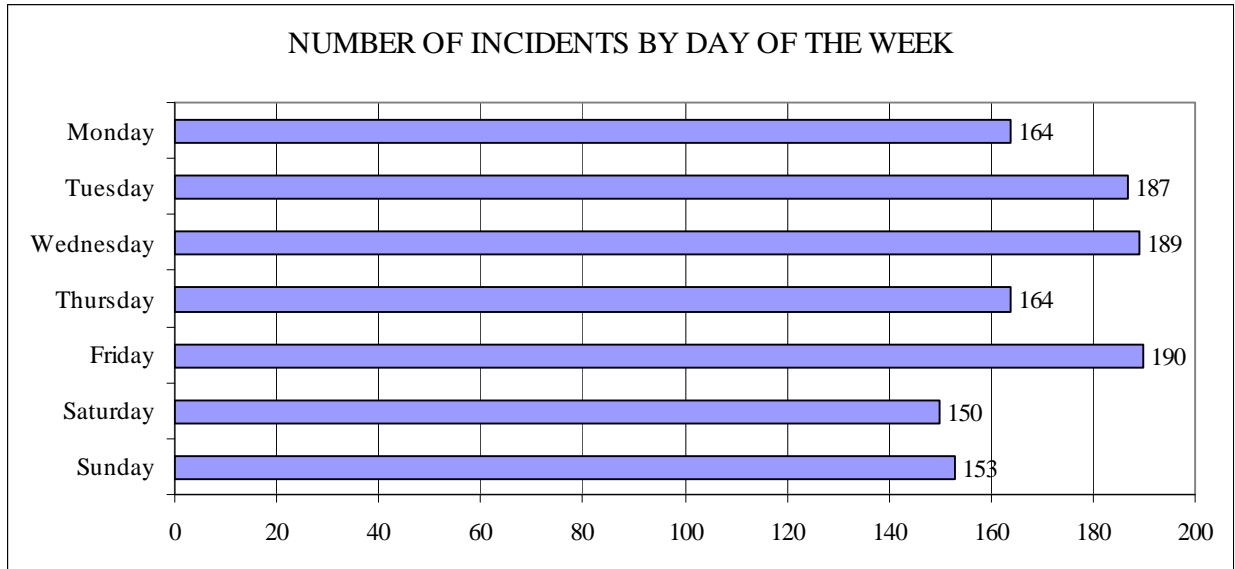


TABLE 1: HAZARDOUS SUBSTANCE INCIDENTS IN 2010 BY COUNTY

COUNTY	SURVEYS SENT	EHS FACILITIES	NUMBER OF SUBSTANCES REPORTED ¹	NUMBER OF INCIDENTS REPORTED
BAKER	193	13	757	1
BENTON	448	16	2,199	16
CLACKAMAS	1914	97	8,919	227
CLATSOP	311	26	1,455	24
COLUMBIA	316	20	1,500	45
COOS	590	35	2,063	5
CROOK	179	9	624	1
CURRY	219	12	705	1
DESCHUTES	1044	49	3,568	45
DOUGLAS	835	47	3,391	50
GILLIAM	45	9	238	0
GRANT	118	3	415	0
HARNEY	111	7	304	1
HOOD RIVER	185	13	949	8
JACKSON	1151	62	5,312	84
JEFFERSON	172	10	833	3
JOSEPHINE	486	20	1,554	26
KLAMATH	629	41	2,612	41
LAKE	139	22	482	1
LANE	2167	84	10,530	85
LINCOLN	427	18	1,530	23
LINN	911	58	6,169	39
MALHEUR	326	25	1,659	8
MARION	1704	94	11,131	58
MORROW	139	26	769	4
MULTNOMAH	3745	195	22,332	68
POLK	311	23	1,654	25
SHERMAN	47	5	245	0
TILLAMOOK	274	21	1,082	3
UMATILLA	557	49	3,474	16
UNION	250	25	1,121	12
WALLOWA	121	13	320	1
WASCO	248	17	1,079	5
WASHINGTON	2136	157	11,216	128
WHEELER	35	4	95	0
YAMHILL	594	23	3,316	45

Notes

1. 'Number of Substances Reported' is the frequency of substances, not the number of unique substances. For example, if 100 facilities reported having a particular substance, that substance is counted 100 times in the total.

TABLE 2: COUNT OF HAZARDOUS SUBSTANCE INCIDENTS BY CITY

The following table shows the number of incidents by city as reported to the OFEB. No attempt has been made to rectify discrepancies between this table and the previous one. For example, in this table, Baker City is shown as having had two incidents. Yet in the previous table, Baker County list only one incident. It is hoped that as familiarity with OFEB increases, such discrepancies will be resolved.

INCIDENT CITY	COUNT
Adair Village	1
Adrian	1
Albany	24
Aloha	1
Ashland	14
Astoria	15
Aumsville	1
Aurora	3
Baker City	2
Beaverton	57
Bend	29
Boardman	2
Boring	6
Brookings	1
Canby	17
Cannon Beach	1
Cave Junction	2
Central Point	8
Clackamas	31
Clatskanie	7
Colton	1
Columbia City	1
Coos Bay	3
Cornelius	2
Corvallis	5
Cottage Grove	4
Creswell	2
Culver	2
Dallas	9
Damascus	12
Deer Island	2
Depoe Bay	2
Dillard	1
Eagle Creek	2
Eagle Point	7
Elmira	2
Enterprise	1

INCIDENT CITY	COUNT
Estacada	2
Eugene	65
Fairview	2
Florence	4
Forest Grove	6
Gervais	1
Gladstone	2
Glendale	2
Gleneden Beach	1
Gold Hill	2
Grand Ronde	2
Grants Pass	25
Gresham	31
Happy Valley	23
Harrisburg	3
Hermiston	12
Hillsboro	8
Hines	1
Hood River	7
Independence	9
Ione	2
Jacksonville	2
Jefferson	4
Keizer	8
Keno	2
Klamath Falls	39
La Grande	10
Lake Oswego	32
Lakeview	1
Lebanon	18
Lincoln Beach	2
Lincoln City	3
Lowell	1
Lyons	2
McMinnville	16
Medford	35
Milwaukie	50

INCIDENT CITY	COUNT
Molalla	4
Monmouth	8
Monroe	1
Mount Hood	1
Mulino	5
Myrtle Creek	2
Nehalem	1
Newport	22
North Bend	10
Ontario	10
Oregon City	38
Pendleton	5
Philomath	9
Phoenix	5
Portland	44
Prineville	1
Rainier	4
Redmond	21
Reedsport	2
Rogue River	5
Roseburg	41
Salem	27
Sandy	6
Scappoose	5
Seal Rock	1
Seaside	11
Selma	1
Sheridan	8
Sherwood	6
Silverton	7
Sisters	1
Springfield	16
St. Helens	18
Stayton	8
Sublimity	1
Summerville	1
Sun River	3
Sutherlin	2
Sweet Home	1
Talent	2
Tangent	2
Terrebonne	2
The Dalles	5
Tigard	31
Tillamook	2

INCIDENT CITY	COUNT
Timber	1
Toledo	3
Troutdale	8
Tualatin	12
Turner	3
Union County	1
Veneta	2
Vernonia	5
Warren	3
Warrenton	1
Weatherby	1
Welches	3
West Linn	13
White City	3
Willamina	2
Wilsonville	13
Winston	2
Wood Village	1
Woodburn	5
Yamhill	1

CHART 3: CITIES WITH THE MOST REPORTED HAZARDOUS SUBSTANCE INCIDENTS

The following chart shows the 10 cities reporting the highest number of hazardous substance incidents.

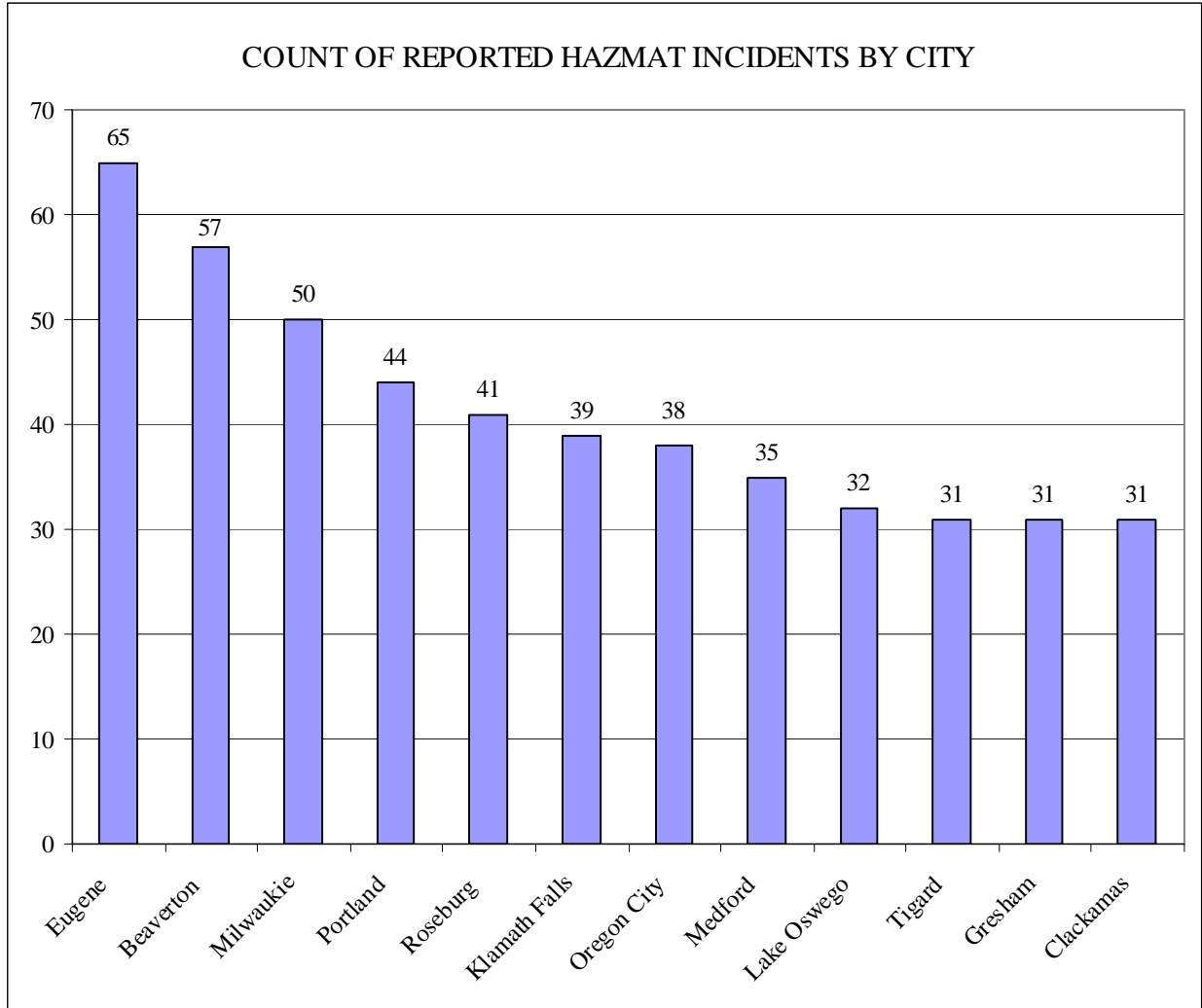


TABLE 3: PROPERTY USE WHERE HAZARDOUS SUBSTANCE INCIDENTS OCCURRED

PROPERTY USE	COUNT
1 or 2 family dwelling	295
Residential street, road or residential driveway	127
Highway or divided highway	113
Street, other	76
Vehicle parking area	65
Street or road in commercial area	58
Multifamily dwelling	30
Service station, gas station	30
Property Use, other	25
Residential, other	22
Manufacturing, processing	19
Mercantile, business, other	16
Food and beverage sales, grocery store	14
Restaurant or cafeteria	13
Open land or field	12
Outside or special property, other	12
Lake, river, stream	11
Business office	10
Bank	9
Department or discount store	8
Hotel/motel, commercial	8
24-hour care Nursing homes, 4 or more persons	7
Clinics, doctors offices, hemodialysis cntr, other	7
Elementary school, including kindergarten	7
High school/junior high school/middle school	7
Vacant lot	7
Doctor, dentist or oral surgeon office	6
Specialty shop	6
Bar or nightclub	5
Convenience store	5
Warehouse	5
Church, mosque, synagogue, temple, chapel	4
Clubhouse	4
Hospital - medical or psychiatric	4
Ind., utility, defense, agriculture, mining, other	4
Personal service, including barber & beauty shops	4
Professional supplies, services	4
Residential board and care	4
Adult education center, college classroom	3
Airport passenger terminal	3
Assembly, other	3
Industrial plant yard - area	3
Laboratory or science laboratory	3

PROPERTY USE	COUNT
Laundry, dry cleaning	3
Motor vehicle or boat sales, services, repair	3
Pipeline, power line or other utility right-of-way	3
Railroad yard	3
Aircraft loading area	2
Aircraft runway	2
Beach	2
Boarding/rooming house, residential hotels	2
Construction site	2
Defense, military installation	2
Gas distribution, gas pipeline	2
Mental retardation/development disability facility	2
Movie theater	2
Outside storage tank	2
Police station	2
Public or government, other	2
Railroad right-of-way	2
Utility or Distribution system, other	2
Alcohol or substance abuse recovery center	1
Athletic/health club	1
Communications center	1
Computer center	1
Courthouse	1
Day care, in commercial property	1
Dormitory-type residence, other	1
Educational, other	1
Fixed-use recreation places, other	1
Flammable liquid distribution, F.L. pipeline	1
Household goods, sales, repairs	1
Jail, prison (not juvenile)	1
Livestock production	1
Memorial structure, including monuments & statues	1
Office: veterinary or research	1
Oil or gas field	1
Outside material storage area	1
Parking garage, general vehicle	1
Post office or mailing firms	1
Preschool	1
Refrigerated storage	1
Residential or self-storage units	1
Sanitation utility	1
Schools, non-adult, other	1
Variable-use amusement, recreation places, other	1
Water utility	1

CHART 4: TOP 20 PROPERTY USES WHERE HAZARDOUS SUBSTANCE INCIDENTS OCCURRED

This chart takes information from table 3 (property use where hazardous substance incidents occurred) and rearranges the information to better show the property uses where the most reported hazardous substance incidents took place. This is a count only and does not reflect the severity of the incidents.

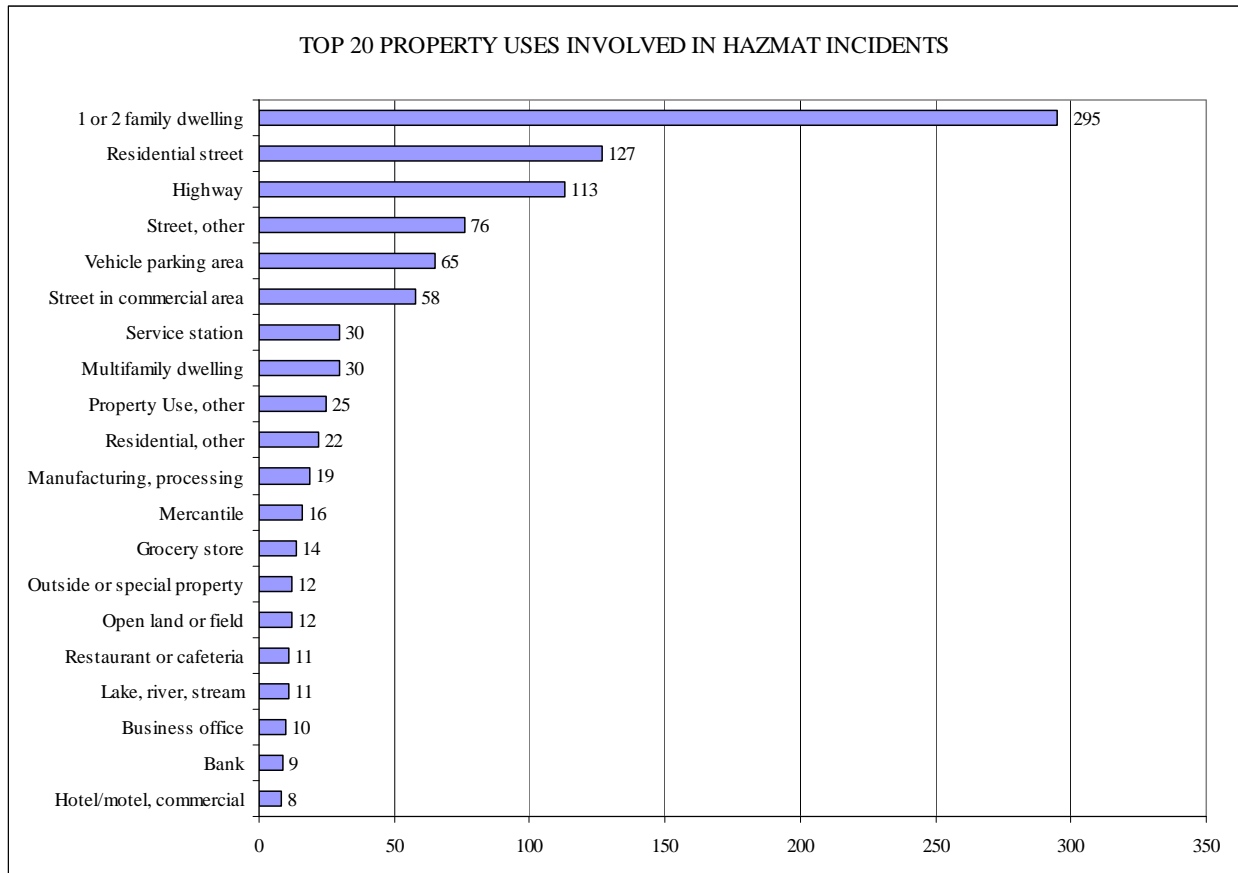


CHART 5: TOP SUBSTANCES REPORTED IN HAZARDOUS SUBSTANCE INCIDENTS

Not all of the incidents reported included the name of the substance involved. This chart illustrates the **reported** substances.

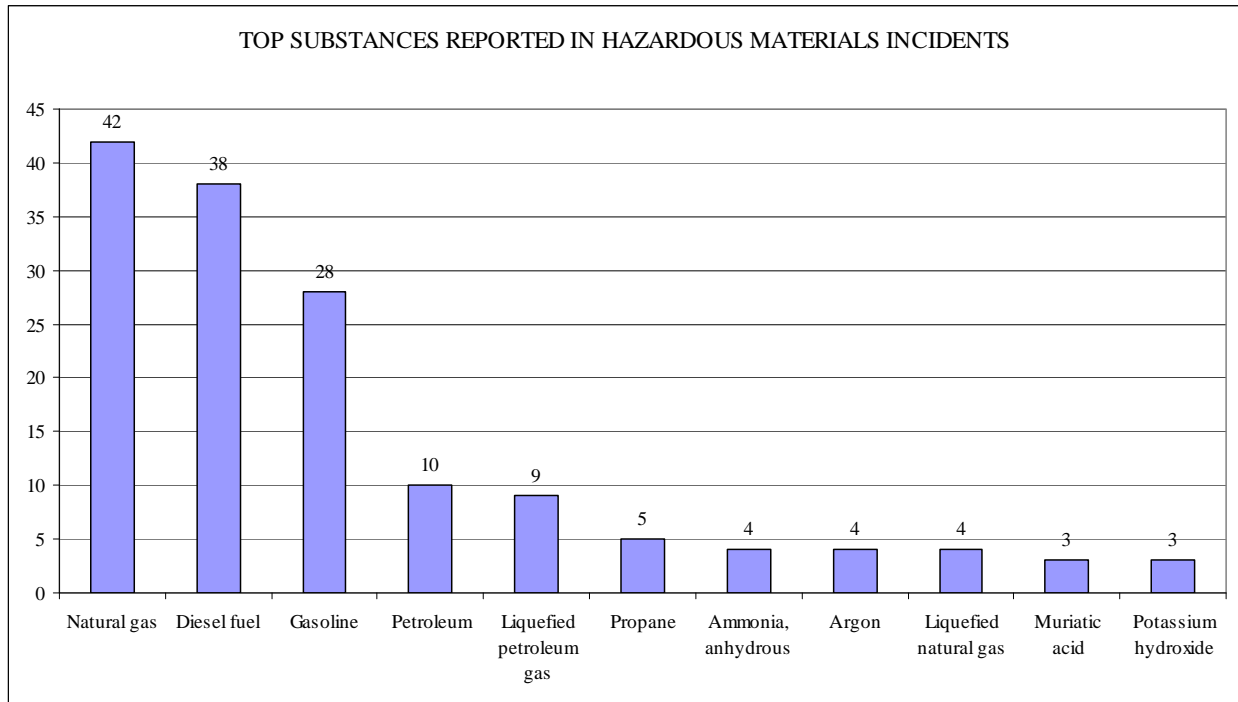


CHART 6: TYPES OF HAZARDOUS SUBSTANCE INCIDENTS

Incident reporters categorize hazmat incidents in one of several broad categories. These categories are general types of responses to incidents.

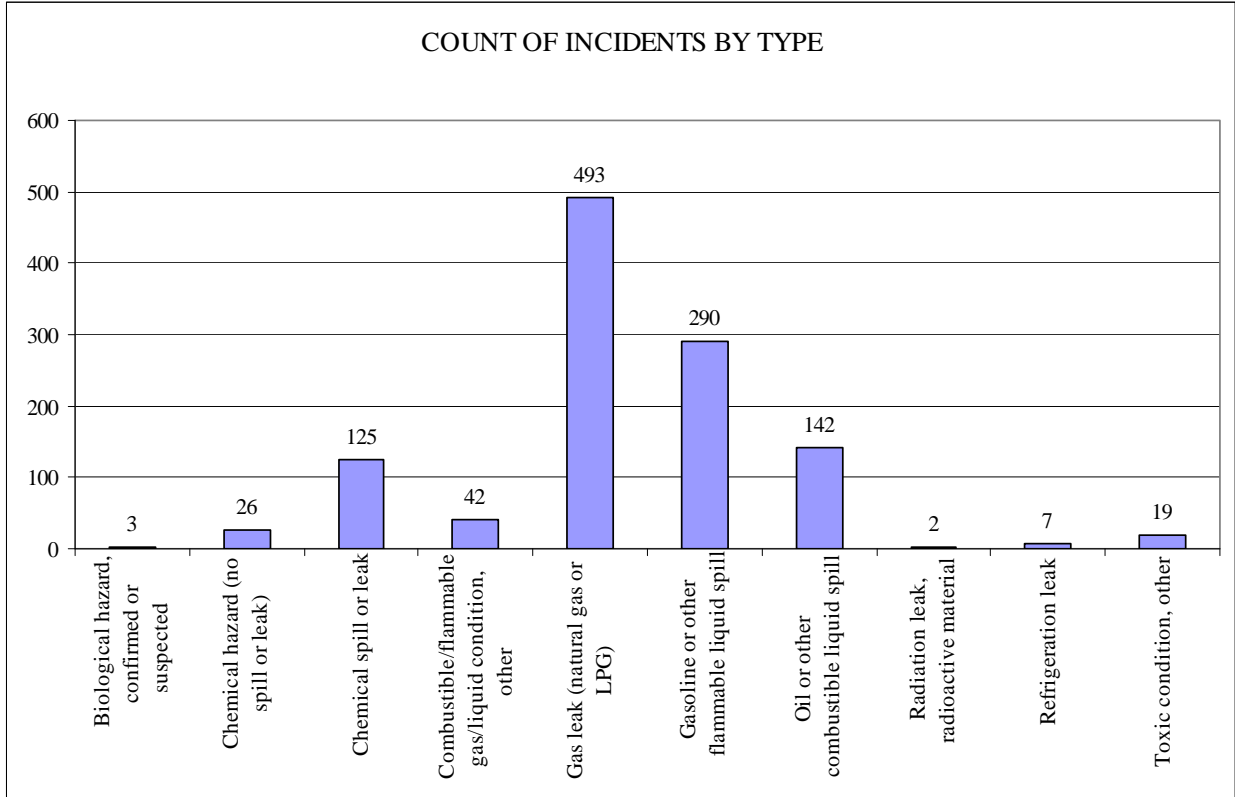


CHART 7: COUNT OF HAZARDOUS SUBSTANCE INCIDENTS BY U.S. DOT HAZARD CLASSES

The following chart was derived from reported incidents. The hazard classes of the substances involved were not always clearly stated in responder reports. Of the nearly 1,200 hazardous materials incidents reported, less than 300 are identifiable by the hazard class.

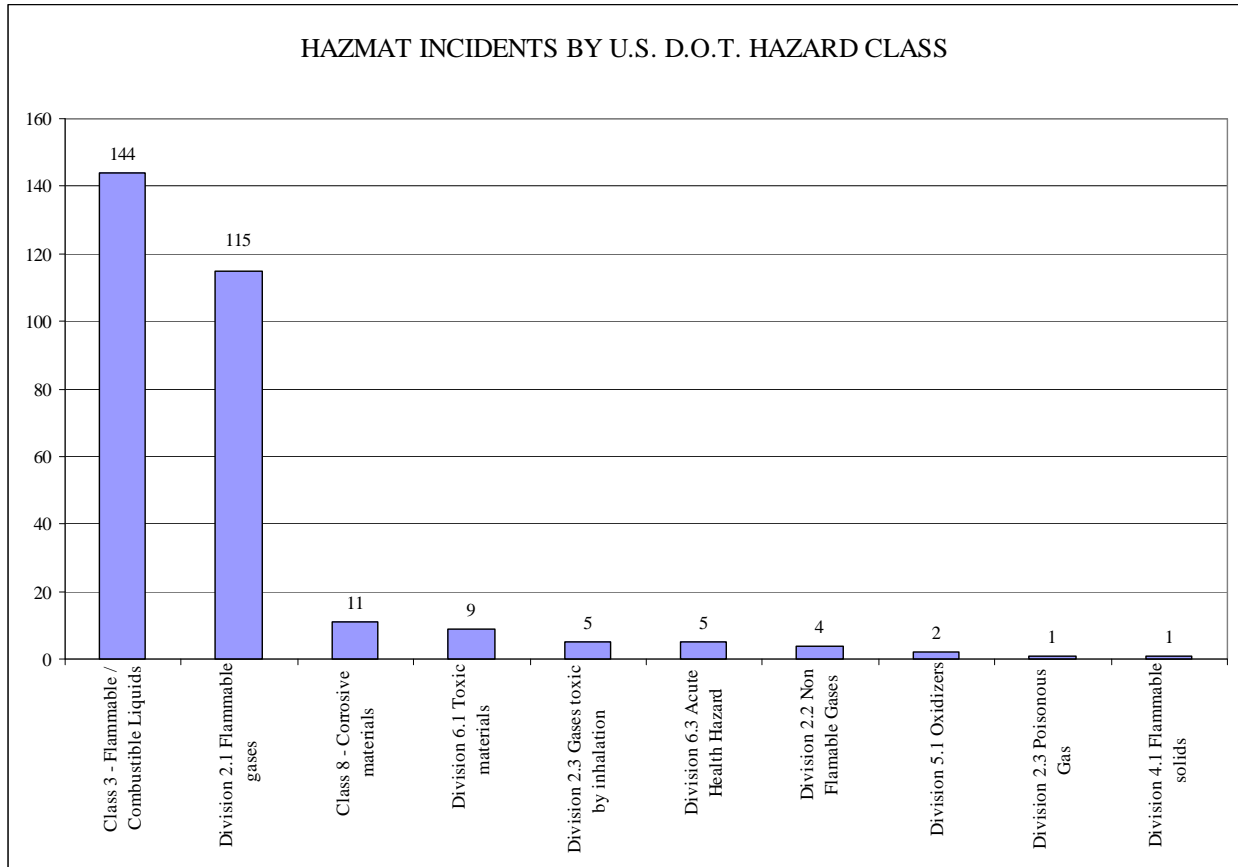


CHART 8: CAUSES OF HAZARDOUS SUBSTANCE INCIDENTS

Several options are given for causes of a hazardous substance incident. Not all reports list the cause of an incident. This chart illustrates the reported causes.

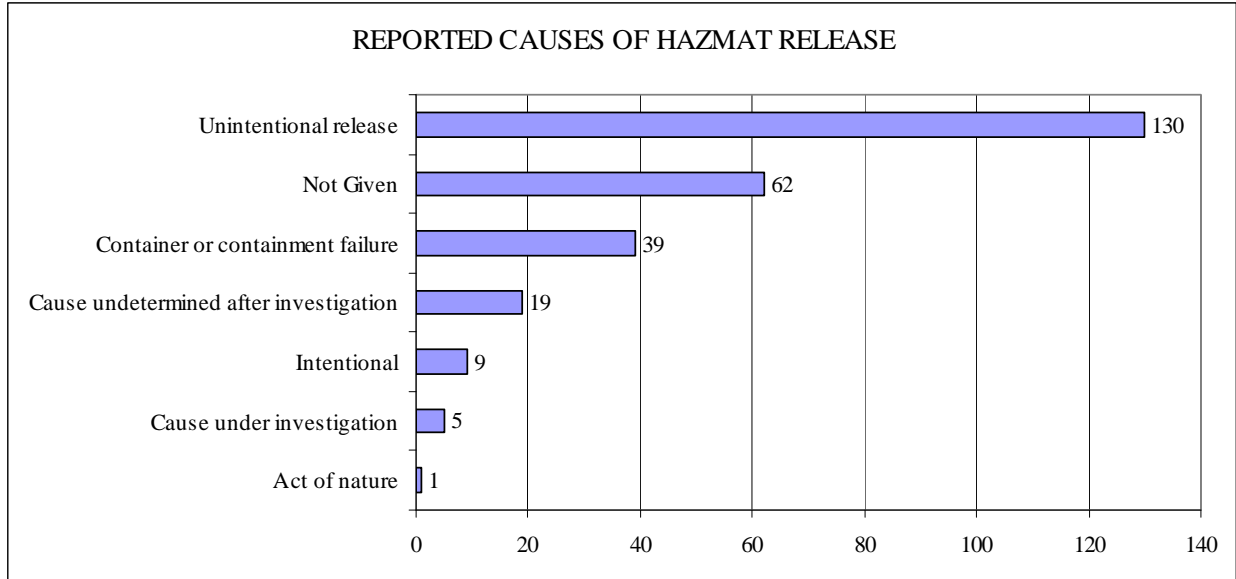


CHART 9: FACTORS CONTRIBUTING TO HAZARDOUS SUBSTANCE INCIDENTS

Several options are given for contributing factors to a hazardous substance incident. Not all reports list a contributing factor. Of the ones that did, the following chart lists the top 16.

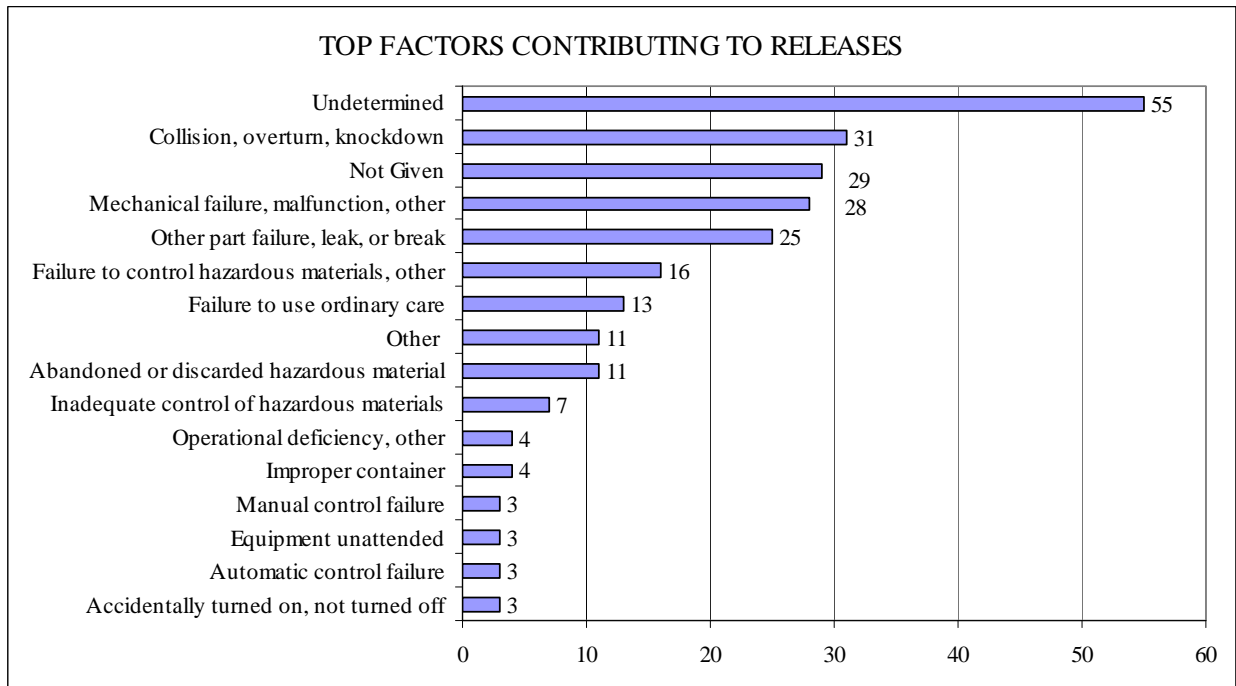


CHART 10: TYPES OF INCIDENTS CAUSING PEOPLE AND BUILDINGS TO BE EVACUATED

This chart shows the types of hazardous substance incidents that caused evacuations, and the number of people and buildings evacuated.

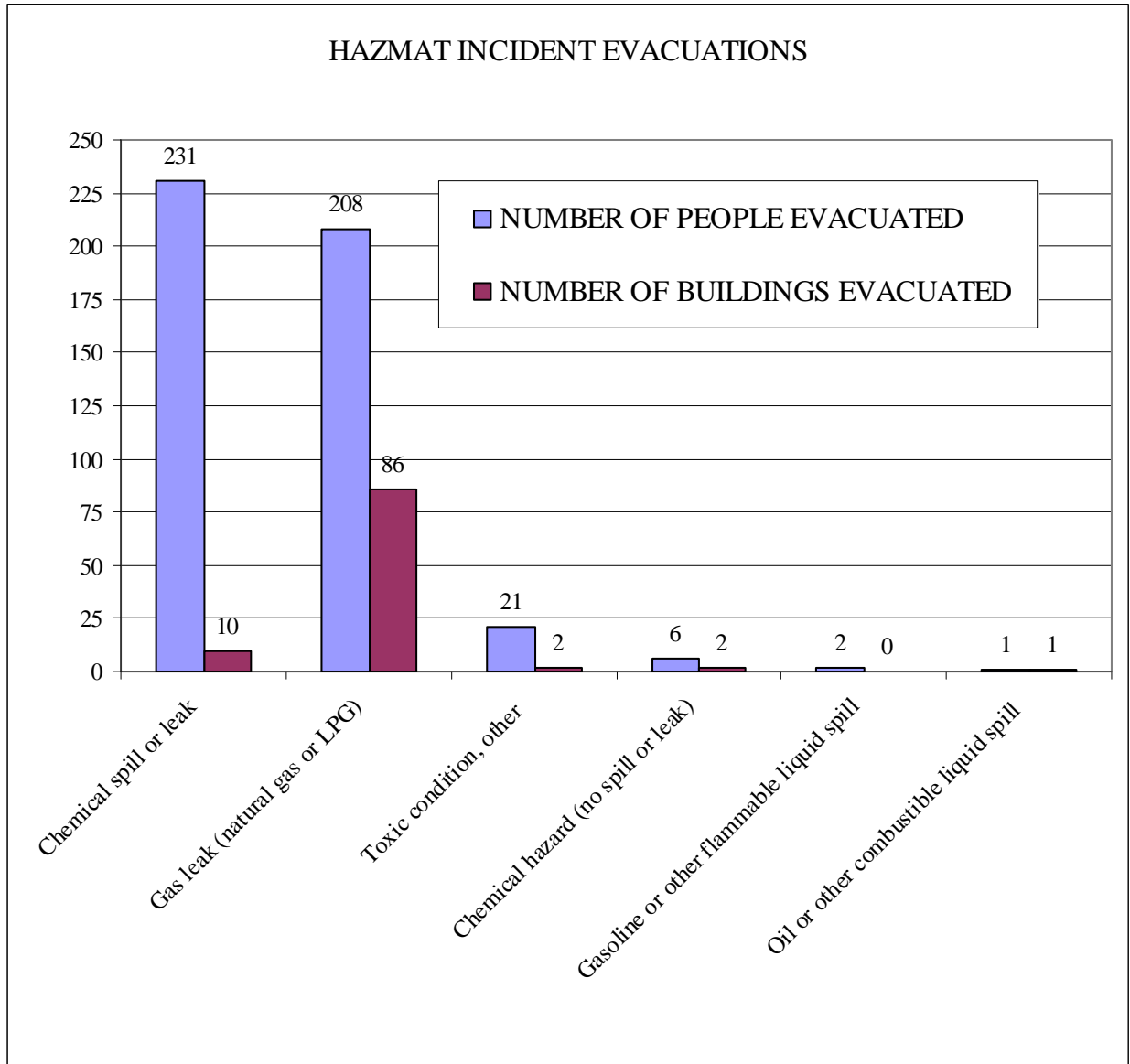


TABLE 4: REPORTED CASUALTIES FROM HAZARDOUS SUBSTANCE INCIDENTS

This chart shows the reported casualties associated with hazardous substance incidents in 2010. They are categorized by fire service personnel and civilian. They are further separated based on whether the injury or death was caused by the hazardous substance, or some other factor in the incident.

	Injury-Hazmat	Death-Hazmat	Injury-Other	Death-Other
Fire Service	2	0	0	0
Civilian	6	1		1
Total	8	1	0	1

Casualty Incident 1: Two fire service injuries occurred when the firefighters were overcome by fumes of anhydrous ammonia.

Casualty Incident 2: Three civilian exposures occurred when the contents of a drum of oxidate began to decompose and created a cloud in the facility. Cause of the decomposition is undetermined.

Casualty Incident 3: One civilian injury occurred at a facility off loading potassium hydroxide from a tank car. The incident was caused by a faulty valve.

Casualty Incident 4: One civilian injury occurred when ammonium hydroxide was accidentally released into a sump pump basin. This release was in a confined space.

Casualty Incident 5: The one civilian death from a hazardous substance occurred, when the victim committed suicide by use of sulfur. The incident occurred in a 1 or 2 family dwelling. One civilian injury occurred when a family member was exposed to the sulfur fumes.

Casualty Incident 6: In this incident, the victim died as a result of a motor vehicle accident. The vehicle was carrying testing equipment that contained a radioactive material. Hazmat responders with monitoring equipment detected radiation at the scene. The incident occurred along a highway or divided highway.