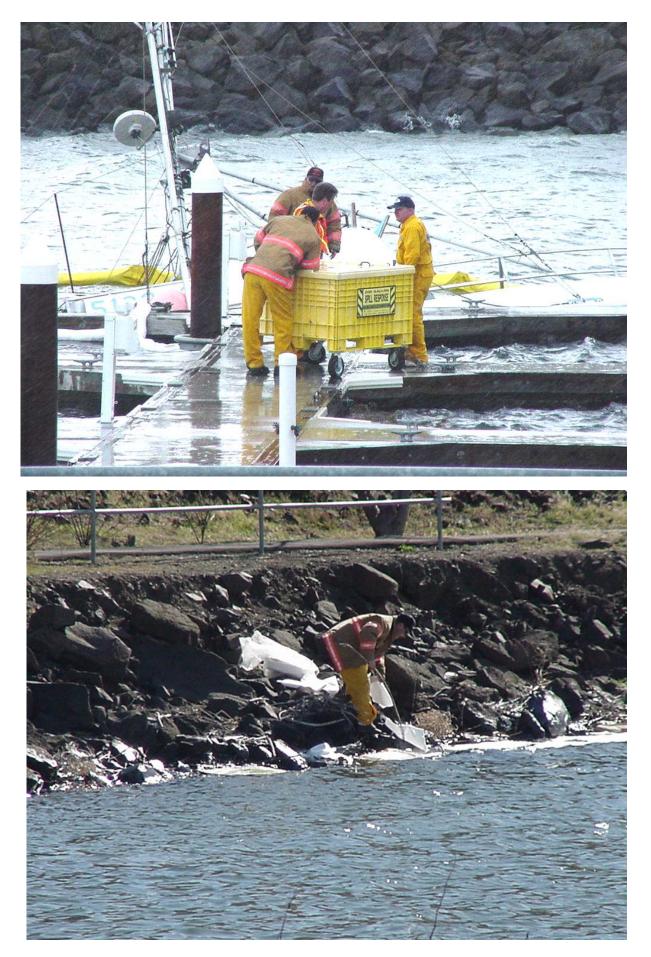


# 2004 ANNUAL REPORT OF HAZARDOUS MATERIAL INCIDENTS IN OREGON 4/13/06

Oregon State Police Office of State Fire Marshal Hazardous Substance Information System 4760 Portland Road NE Salem OR 97305-1760 503-373-1540, Ext. 353 Fax 503-373-1825 E-mail: sfm.cr2k@state.or.us Web Address: www.sfm.state.or.us



Hazmat Team 10—Eastern Oregon / Hermiston

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Hazmat Team 09—Tualatin

### **PROGRAM OVERVIEW**

#### **Introduction**

The 1985 Oregon Legislature created the Community Right to Know Protection Act to provide information on hazardous substances within our state. Part of this program is the Hazardous Material Incident Reporting System (OAR 837-085-0380). Under this system, emergency service personnel responding to an incident of threatened or actual injury to a human, wildlife, domestic animal, or in which damage to the environment, or any property loss occurs resulting from a hazardous substance or waste incident are required to submit a written report of the incident to the Office of State Fire Marshal. This report must be submitted within 10 working days after the incident occurs.

The following incidents are exempted from the reporting requirements:

- 1. Motor fuels which are spilled in quantities of less than 42 gallons from a vehicle, unless it enters a waterway or is determined to endanger the public safety or immediate or surrounding environment, including groundwater; or
- 2. Sewage overflow; or
- 3. Structure fires or other emergencies where hazardous substances are involved as exposures, if the quantities exposed are less than 42 gallons. This means that a Hazardous Material Incident Report would not be required for a structure fire or other emergency if consumer quantities of hazardous substances did not directly relate to the cause of the emergency or to injuries or death. If these consumer quantities caused the incident or contributed to an injury or death, a written Hazardous Material Incident Report would be required.

The following incidents are subject to the reporting requirements:

Except for 1, 2, and 3 above, all incidents including the release or threatened release of a hazardous material shall be reported. This includes, for example, a warranted response, based on the good intent of the caller, to a situation where no hazardous material is released or found.

This also applies to a situation whereby the emergency responders take possession of hazardous materials to abate a hazard to the public; i.e., drug lab chemicals. For both of these examples, proper documentation for state and local purposes is essential.

### **Data Collection is Important**

This report summarizes the 2004 Hazardous Material Incident Reports gathered from emergency responders. The reports submitted were not always fully completed; therefore, the statistics and numbers reported throughout this report may not always equate to the same total. OSFM encourages those who complete the Hazardous Material Emergency Incident Report forms to complete the form in its entirety.

Why is it necessary to submit a State Fire Marshal Hazardous Material Emergency Incident Report? First, the report is required by Oregon Revised Statutes and by Administrative Rule. Also, the submission of the report allows OSFM to enter the information into a database, from which reports such as this one can be created and used by any agency for analysis, budgeting, and forecasting purposes. In order to maintain an accurate and verifiable profile of hazardous material incidents in Oregon, it is essential that emergency response agencies submit a written report after an incident.

#### Access to the Information

Data obtained from the Hazardous Material Emergency Incident Reports is available via the internet at <u>www.sfm.state.or.us</u>.

Specialized reports can also be created upon written request. To request a specialized report, visit our website at <u>www.sfm.state.or.us</u> and download the "Customized Report Request form." This form is titled the "Request for Hazardous Substance Information" form. You may also call or e-mail our office and have the request form sent to you. The e-mail address to use in making this request is sfm.cr2k@state.or.us, or call 503-373-1540, extension 353. Once OSFM receives your completed Request for Hazardous Substance Information form, you will generally receive a response within the next three business days. Larger requests may take additional time.



Hazmat Team 02-Eugene

# **KEY FACTORS**

Below is a list of key factors in highest occurrence in 2004. There were 207 reported hazardous material incidents in 2004. Included for comparison is data from 2003, which had 248 reported hazardous material incidents. Key factors are listed in order of highest number of occurrences first, with second highest listed beneath.

CATEGORY	2003	2004
Area Type	Residential: 124 Commercial: 114	Residential: 79 Commercial: 63
Behavior On Release	Inert, No Reaction: 149 Contaminated Area: 107	No Reaction: 76 Contaminated Area: 64
Casualties	Injuries: 57 Decontaminated: 44	Injuries: 29 Hospitalized: 6
Cause of Incident	Normal Operation: 64 Material Not Released: 40	Unknown: 71 Drug Lab: 21
Chemicals Involved	Drug Lab Chemicals: 35 No Chemical Involved: 27	Unknown Chemicals: 19 Natural Gas: 10
County	Multnomah: 75 Klamath: 47	Multnomah: 76 Lane: 23
Hazardous Materials by Hazard Class	<ul><li>9.0 Misc Haz. Materials: 66</li><li>6.3 Acute Health Hazard: 47</li></ul>	9.0 Misc Haz Materials: 23 2.1 Flammable Gases: 16
Method Identified	Responsible Party: 82 Other: 43	Responsible Party: 16 Other: 15
Materials Involved	Product: 88 Fuel: 59	Waste Material: 37 Product: 31 Fuel: 31
Occurrence: Month	March: 27 July: 27	February: 31 January: 25
Occurrence: Day of Week	Monday: 54 Wednesday: 38	Friday: 41 Tuesday/Wednesday: 36
Scene Type	Private Structure: 79 Public Road: 76	Private Structure: 63 Public Road: 61
Area Type	Other: 78 Fixed Facility: 46	Residential: 79 Commercial: 63
Agencies Responding	Fire: 384 Police: 242	Local Fire Dept: 92 State Agency: 82 Local Police 47
Weather	Fair: 191 Rain: 34	Cloudy: 83 Clear: 81

COUNTY/CITY	ADDRESS	DATE IL	D	CHEMICAL
BENTON				
PHILOMATH	24510 ALSEA HWY	02/11/04 0	0534 040123	DIESEL FUEL
CORVALLIS	4575 SW RESEARCH WAY	0 = 1 = 2 + 0 + - 0		METHYLENE CHLORIDE
CORVALLIS	2305 NW KINGS BLVD		0076-040139	
CORVALLIS	CRYSTAL LAKE		0074-040215	
CORVALLIS	2005 NW CIRCLE BLVD			CARBON DIOXIDE
CORVALLIS	NE CIRCLE & NE CONSER DR			NATURAL GAS
CLACKAMAS				
MILWAUKIE	8822 SE 58TH	01/28/04 H	HM06-040048	DRUG LAB CHEMICALS
WILSONVILLE	MILE MARKER 282 I-5 NB		HM09-040010	
MILWAUKIE	12112 SE 21ST AVE			OIL & DIESEL MIX
COLTON	28387 S COX RD			DRUG LAB CHEMICALS
LAKE OSWEGO	BONAIRE AVE/FIRWOOD RD		0193-040084	
ESTACADA	303 SW ZOBRIST ST			HALON 1301
OREGON CITY	HWY 213 - BEAVERCREEK RD			DIESEL FUEL
OREGON CIT I	213	11/07/04 0	0037-040207	
OREGON CITY	13918 LARAE RD	12/11/04 0	0057-040220	FUEL OIL
CLATSOP				
ASTORIA	INTERSECTION OF 31ST/GRAND	02/09/04 0	0013-040106	NATURAL GAS
ASTORIA	31ST STREET	06/19/04 0	0013-040148	COOKER OIL
ASTORIA	1390 DUANE ST	08/01/04 0	0013-040202	FUEL OIL
ASTORIA	2223 MARINE DRIVE	12/14/04 0	0013-040339	DIESEL
ASTORIA	39TH ST & COLUMBIA RIVER	12/22/04 0	0013-040222	PETROLEUM
ASTORIA	987 DUANE ST	12/23/04 0	0013-040223	UNKNOWN CHEMICAL
<b>COLUMBIA</b>				
CLATSKANIE	805 STIMPSON MILL RD	12/28/04 H	HM11-040195	UNKNOWN CHEMICAL
SCAPPOOSE	53567 COLUMBIA RIVER HWY	01/29/04 H	HM06-040045	DRUG LAB CHEMICALS
COOS				
COOS BAY	BAY AREA HOSPITAL	03/30/04 H	HM15-040034	VICODIN
BANDON		08/02/04 0	0069-040095	POLYETHYLENE GLYCOL
BANDON	46934 HWY 101			NO CHEMICAL INVOLVED
JACKSON				
MEDFORD	2981 STATE STREET #62	02/10/04 0	0224-040141	GASOLINE
JACKSONVILLE	154 CANTRALL RD			DIESEL FUEL
MEDFORD	400 PIERCE RD			NATURAL GAS
WHITE CITY	1790 AVENUE G		0173-040133	
MEDFORD	936 S CENTRAL		0224-040142	
MEDFORD	HILLCREST DR & MARIPOSA			NATURAL GAS
MEDFORD	2475 FINLEY LN			NATURAL GAS
ASHLAND	I-5 SOUTH - EXIT 6 I-5			WEEDAR 64 BROADLEAF HERBICIDE
ASHLAND	249 A ST	12/17/04	-40333	MURIATIC ACID

**JEFFERSON** 

SANTIAM HWY 20

09/29/04 0538-040032 GASOLINE

COUNTY/CITY	ADDRESS	DATE	ID	CHEMICAL
KLAMATH				
KLAMATH FALLS	SOUTHSIDE BYPASS / KLAMATH RIVER	01/10/04	4 0359-040102	NO CHEMICAL INVOLVED
KLAMATH FALLS	RAILYARD NEXT TO 1585 OAK ST	01/13/04	4 HM04-040002	STYRENE MONOMER
KLAMATH FALLS	SOUTH 6TH ST / HOMEDALE RD	01/14/04	4 0359-040101	NATURAL GAS
KLAMATH FALLS	CORNER OF S. SIXTH ST & HOME- DALE	- 01/16/04	4 0359-040103	GASOLINE
NA	MP 283 HWY 97 SOUTH	01/25/04	4 HM04-040015	DIESEL
KLAMATH FALLS	1/4 MILE SOUTH OF HWY 97 N / MAIN S	01/27/04	4 0359-040105	DIESEL
KLAMATH FALLS	1407 HOPE STREET	02/17/04	4 0359-040107	FUEL OIL
KLAMATH FALLS	4608 S 6TH STREET	02/20/04	0359-040109	UNKNOWN CHEMICAL
KLAMATH FALLS	WASHBURN WAY/CROSBY AVE	03/03/04	4 0359-040111	MOTOR OIL
KLAMATH FALLS	2138 WANTLAND AVE	03/06/04	4 0359-040115	NATURAL GAS
KLAMATH FALLS	2023 GARDEN STREET			NATURAL GAS
CHILOQUIN	46000 HWY 97 NORTH			WOOD PRESERVATIVE
KLAMATH FALLS	5724 FERNDALE PLACE	04/27/04	4 0359-040140	NO CHEMICAL INVOLVED
KLAMATH FALLS	853 ROSEMONT CT	05/01/04	4 0359-040138	NATURAL GAS
KLAMATH FALLS	MP 277 HWY 97 S	05/05/04	4 HM04-040060	UNKNOWN CHEMICAL
KLAMATH FALLS	10118 WRIGHT AVE	05/08/04	4 0359-040137	NATURAL GAS
KLAMATH FALLS	LAVEY ST/PACIFIC TERRACE AVE	05/21/04	4 0359-040135	GASOLINE
KLAMATH FALLS	1585 OAK AVE	06/09/04	0359-040144	NATURAL GAS
KLAMATH FALLS	5065 GATEWOOD DR	06/19/04	4 0359-040149	NATURAL GAS
KLAMATH FALLS	2106 PATTERSON ST	06/25/04	4 0359-040147	NATURAL GAS
KLAMATH FALLS	3060 S 6TH ST	09/27/04	4 0359-040218	NATURAL GAS
LANE				
EUGENE	GOODPASTURE ISLAND RD & NORKENZIE	01/23/04	4 0110-040104	PETROLEUM PRODUCTS N.O.S.
SPRINGFIELD	155 B ST	01/30/04	0347-040334	NATURAL GAS
SPRINGFIELD	155 B STREET	01/30/04	0347-040117	NATURAL GAS
GOSHEN	I-5 MP 191	02/01/04	HM02-040011	DIESEL
EUGENE	<b>RIVERFRONT &amp; MILL RACE AVE</b>	02/17/04	0110-040108	DIESEL FUEL
EUGENE	400 BLK N POLK ST	02/24/04	0110-040055	UNKNOWN CHEMICAL
EUGENE	4275 BARGER DR	03/08/04	0110-040114	HYDRAULIC FLUID
EUGENE	2375 BENSON	05/25/04	4 0110-040330	PROPANE
SPRINGFIELD	68TH PL & MAIN ST	05/28/04	0347-040134	MURIATIC ACID
EUGENE	152 CHASE	06/27/04	0110-040199	PROPANE
VENETA	88348 TERRITORIAL HWY	07/17/04	4 0491-040200	PROPANE
VENETA	88348 TERRITORIAL HWY TER- RITORIAL	07/17/04	4 0491-040214	PROPANE
SPRINGFIELD	910 N CLOVER LEAF	08/31/04	4 0110-040229	MOTOR OIL
EUGENE	1617 MOSS			NATURAL GAS
EUGENE	28831 LOCKHEED		4 LO01-040211	
CORVALLIS	1730 NW 9TH St		4 0076-040207	
EUGENE	I-105 & I-5 @ COBURG Rd I-195			

COUNTY/CITY	ADDRESS	DATE ID	CHEMICAL
EUGENE	8TH ST & CHAMBERS	10/22/04 0110-040228	NATURAL GAS
JUNCTION CITY	HWY 36 1 MI W OF HWY 99 / 36		5 UNKNOWN CHEMICAL
EUGENE	28801 DOUGLAS DR		MAGNESIUM SULFATE HEPTAHYDRATE
VENETA	2444 BOLTON HILL RD	11/17/04 0491-040186	LYSOL DISINFECTANT TOILET BOWL
ELICENE	3376 TWIN ELMS DR	11/30/04 0110-040337	CLEANER NATURAL CAS
EUGENE MAPLETON	10656 HWY 126		UNKNOWN CHEMICAL
MALEION	10050 11W 1 120	12/19/04 11002-04019-	ONKNOWN CHEMICAL
LINCOLN			
WALDPORT	175 S ARROW ST HWY 101	10/02/04 HM05-040171	AMMONIUM PHOSPHATE
LINN			
ALBANY	2249 SE ERMINE ST SE		PETROLEUM PRODUCTS N.O.S.
ALBANY	2450 SE 27TH ST		PETROLEUM PRODUCTS N.O.S.
ALBANY	1197 NE CENTURY DR		UNKNOWN CHEMICAL
ALBANY	1100 SE 6TH ST	01/23/04 HM05-040005	
ALBANY	1130 NE OLD SALEM RD	02/06/04 0004-040119	
ALBANY	35959 SE EICHER RD SE		METH LAB CHEMICALS
ALBANY ALBANY	1534 SW INDUSTRIAL WAY SW 34825 SPICER		CHEVRON HYDRAULIC OIL AW ISO 32 UNKNOWN CHEMICAL
ALBANY	2190 NE OLD SALEM RD	02/27/04 0004-040124 03/04/04 0004-040121	
ALBANY	2415 SE MARION ST		UNKNOWN CHEMICAL
ALBANY	1655 SW QUEEN ST SW	04/09/04 0004-040122	
CORVALLIS	HWY 34 & HWY 34 BYPASS	04/20/04 0076-040143	
ALBANY	810 SE BURKHART	04/29/04 0004-040136	
ALBANY	4120 SE SANTIAM HWY		TRANSFORMER OIL
ALBANY	2830 FERRY SW	11/10/04 0004-040210	
MALHEUR			
NYSSA	612 THUNDEREGG BLVD	02/13/04 HM14-040016	5 VARIOUS CHEMICALS
NYSSA	3455 VICTORIA RD	09/05/04 -40225	WASTE SLUDGE
MARION			
SALEM	4397 COMMERCIAL ST SE	02/23/04 HM13-040030	) GASOLINE
SALEM	4220 BROOKLAKE RD NE		UNKNOWN CHEMICAL
SALEM	81ST ST NE & HERON ST NE		PETROLEUM PRODUCTS N.O.S.
SALEM	14TH ST SE & OXFORD ST SE	04/09/04 HM13-040063	
SALEM	3333 LANCASTER DR NE	04/11/04 0219-040132	
AUMSVILLE	955 OLNEY ST		PETROLEUM PRODUCTS N.O.S.
SALEM	1867 STATE ST		AMMONIA ANHYDROUS
SALEM	800 BLK HOYT ST SE	08/11/04 0321-040151	NATURAL GAS
MORROW			
IRRIGON		09/18/04 HM10-040166	5 SULFUR

COUNTY/CITY	ADDRESS	DATE	<i>,</i>	CHEMICAL
MULTNOMAH				
PORTLAND	7027 NW ST HELENS RD	01/15/04	4 HM06-040006	DRUG LAB CHEMICALS
PORTLAND	NE COLUMBIA BV/I-205 FREE-			DRUG LAB CHEMICALS
PORTLAND	9727 N MLK	01/18/04	4 HM06-040007	METH LAB CHEMICALS
PORTLAND	1525 N PORTLAND BLVD	01/20/04	4 HM06-040024	METH LAB CHEMICALS
PORTLAND	10131 N LOMBARD	01/29/04	4 HM06-040023	METH LAB CHEMICALS
PORTLAND	7027 NW ST HELENS	01/30/04	4 HM06-040008	METH LAB CHEMICALS
PORTLAND	7201 N MARINE DR	02/06/04	4 0291-040025	ETHYL ACRYLATE
PORTLAND	7201 N MARINE DRIVE	02/06/04	4 HM06-040025	ETHYL ACRYLATE
GRESHAM	HOGAN RD	02/10/04	4 HM03-040013	DIESEL
PORTLAND	10131 N LOMBARD	02/12/04	4 HM06-040022	METH LAB CHEMICALS
PORTLAND	10424 SE REEDWAY	02/16/04	4 HM06-040021	METH LAB CHEMICALS
PORTLAND	220-260 S 28TH AVE	02/19/04	4 HM06-040046	DRUG LAB CHEMICALS
PORTLAND	SB 1-5 MP 296 MULTNOMAH	02/19/04	4 HM06-040020	BENZALDEHYDE
PORTLAND	2546 SE 136TH	02/20/04	4 HM06-040018	METH LAB CHEMICALS
PORTLAND	9823 N EXETER	02/24/04	4 HM06-040044	DRUG LAB CHEMICALS
PORTLAND	3910 SE 122ND AVE	02/25/04	4 HM06-040019	METH LAB CHEMICALS
PORTLAND	2542 SE 105TH	02/26/04	4 HM06-040043	DRUG LAB CHEMICALS
PORTLAND	4008 SE DIVISION	02/26/04	4 HM06-040017	DRUG LAB CHEMICALS
PORTLAND	5628 SE HOLGATE	02/27/04	4 HM06-040028	METH LAB CHEMICALS
PORTLAND	5128 NE RODNEY	03/01/04	4 HM06-040042	NO CHEMICAL INVOLVED
PORTLAND	2725 N GANTENBEIN AVE	03/03/04	4 HM06-040027	FREON 123
PORTLAND	4726 NE 109TH	03/10/04	4 HM06-040037	DRUG LAB CHEMICALS
PORTLAND	7300 NE 33RD DR	03/10/04	4 HM06-040039	DRUG LAB CHEMICALS
PORTLAND	NW 31ST & INDUSTRIAL ST	03/11/04	4 0291-040145	YEAST (ALL TYPES)
PORTLAND	8033 SE HOLGATE	03/12/04	4 HM06-040038	MURIATIC ACID
PORTLAND	9300 SE WASHINGTON			DRUG LAB CHEMICALS
PORTLAND	4340 NE EMERSON			DRUG LAB CHEMICALS
PORTLAND	2250 SE 117TH AVE			UNKNOWN CHEMICAL
PORTLAND	11045 NE SHAVER			NO CHEMICAL INVOLVED
PORTLAND	12945 NE BROADWAY			DRUG LAB CHEMICALS
PORTLAND	2100 SE 112	04/28/04	4 HM06-040072	DRUG LAB CHEMICALS
PORTLAND	8823 N WAYLAND			DRUG LAB CHEMICALS
PORTLAND	601 NE 72ND			NO CHEMICAL INVOLVED
PORTLAND	NW 29TH & NW INDUSTRIAL		4 0291-040146	
PORTLAND	4545 NE 125TH Pl 210			UNKNOWN CHEMICAL
PORTLAND	4545 NE 125TH PLACE #210			UNKNOWN CHEMICAL
MILWAUKIE	4700 SE JOHNSON CREEK BLVD			CLEANING CHEMICALS
PORTLAND	13640 SE STARK ST			UNKNOWN CHEMICAL
PORTLAND	8444 SE CLINTON STREET		4 HM06-040065	
PORTLAND	2323 NE 92ND (SACRAMENTO)			DRUG LAB CHEMICALS
PORTLAND	9324 NE COLFAX			DRUG LAB CHEMICALS
PORTLAND	12733 SE STARK 6			UNKNOWN CHEMICAL
PORTLAND	4200 SE 136TH AVE			UNKNOWN CHEMICAL
PORTLAND	NW 29TH & YEON			SULFURIC ACID
PORTLAND	1002 N SCHMEER RD			DIESEL FUEL
PORTLAND	820 NW KEARNEY			CORN STARCH
PORTLAND	6849 SE TOLLMAN			DRUG LAB CHEMICALS
GRESHAM	I-84 W.B. AT APPROX NE 192		4 0144-040331	
PORTLAND	6320 SE 90TH AVE	07/07/04	+ 0291-040092	DRUG LAB CHEMICALS

COUNTY/CITY	ADDRESS	DATE ID	CHEMICAL
PORTLAND	431 SE 155TH Pl	07/12/04 HM06-04009	9 WOOD BLEACH
PORTLAND	7450 SW BROADWAY	07/14/04 HM06-04010	O SODIUM CARBOXYMETHYL CELLULOSE
PORTLAND	1736 N HAYDEN ISLAND DR	07/27/04 HM06-04015	) NO CHEMICAL INVOLVED
PORTLAND	3910 SW 166TH	07/28/04 0291-040094	DRUG LAB CHEMICALS
PORTLAND	2824 NE WASCO	08/03/04 HM06-04009	7 DRUG LAB CHEMICALS
PORTLAND	6704 SE 91ST	08/04/04 HM06-04015	4 DRUG LAB CHEMICALS
GRESHAM	19004 NE SAN RAFAEL ST	08/07/04 0144-040152	ASC-10
PORTLAND	4444 NE 80TH	08/21/04 0291-040155	DRUG LAB CHEMICALS
PORTLAND	1851 NE 59TH AVE	08/26/04 0291-040156	DRUG LAB CHEMICALS
PORTLAND	3519 SE 61ST AVE	08/28/04 0291-040157	RED PHOSPHORUS
PORTLAND	5027 NE 18TH	09/01/04 HM06-04016	1 DRUG LAB CHEMICALS
PORTLAND	1421 NE 118TH	09/03/04 0291-040162	UNKNOWN CHEMICAL
PORTLAND	537 NE FAILING	09/15/04 0291-040163	UNKNOWN CHEMICAL
PORTLAND	1600 SE 60TH	09/16/04 0291-040164	UNKNOWN CHEMICAL
PORTLAND	714 NE OREGON ST SUITE 200	09/20/04 0291-040165	UNKNOWN CHEMICAL
PORTLAND	6519 N MONTANA	09/26/04 0291-040167	DRUG LAB CHEMICALS
PORTLAND	815 NE SCHUYLER	09/27/04 0291-040168	BLUE DYE
PORTLAND	NE 42 AVE/AINSWORTH ST	10/01/04 0291-040197	UNKNOWN CHEMICAL
	23500 NE SANDY BLVD		DRUG LAB CHEMICALS
PORTLAND	3654 SE 34TH	10/07/04 0291-040192	TREMCO ONE COAT ALUMINUM COAT- ING
PORTLAND	8924 SE HAWTHORNE	10/08/04 0291-040175	DRUG LAB CHEMICALS
GRESHAM	354 NE 219TH	10/22/04 0144-040332	HYDROCHLORIC ACID 20%
PORTLAND	5038 SE POWELL	10/26/04 0291-040177	UNKNOWN CHEMICAL
PORTLAND	1503 N HAYDEN ISLAND DR 15		UNKNOWN CHEMICAL
PORTLAND	5635 SE MALL ST	11/23/04 0291-040188	UNKNOWN CHEMICAL
PORTLAND	12931 SE POWELL	12/01/04 0291-040191	
PORTLAND	3316 SE 131ST ST	12/01/04 0291-040190	GASOLINE
POLK			
INDEPENDENCE	159 S 2ND STREET	05/14/04 HM13-04006	4 UNKNOWN CHEMICAL
AMITY	99W & MCCOY JCT	07/03/04 0008-040201	GASOLINE UNLEADED
UMATILLA			
HERMISTON	1875 N FIRST ST	05/08/04 HM10-04006	1 DIESEL
HERMISTON	77522 S HWY 207 207	07/13/04 0159-040093	HYDROGEN PEROXIDE
ECHO	27304 BUTTERCREEK Rd	09/30/04 0159-040169	HYDRAULIC OIL
PENDLETON	1302 SOUTHGATE	10/20/04 0280-040208	PROPANE
PENDLETON	4412 WESTGATE	10/27/04 HM10-04017	3 UNKNOWN CHEMICAL
UNION			
LA GRANDE	I-84 NEAR MP 275 EB	01/09/04 HM12-04000	1 SOPP SOAP
LA GRANDE	I-84 E.B. NEAR MP 260		PHOSPHORIC ACID
		12/17/01 01/1 0101/3	Thest notice field
WASCO			
WAMIC	56A NORTHRIDGE RD	01/16/04 HM03-04000	4 METH LAB CHEMICALS
WASHINGTON			
TUALATIN	9960 SW POTANO	12/31/03 HM09-03020	8 SODIUM HYDROXIDE
TIGARD	12885 SW PACIFIC HWY	01/18/04 HM09-04017	9 GASOLINE UNLEADED
BEAVERTON	11100 SW MURRY BLVD	01/22/04 HM09-04000	3 UNKNOWN CHEMICAL
PORTLAND	7470 SW BRIDGEPORT AVE	02/04/04 0485-040012	UNKNOWN CHEMICAL
		_	

COUNTY/CITY	ADDRESS	DATE ID	CHEMICAL
TUALATIN	BEHIND BUILDING 19500 SW 90TH COURT	05/08/04 HM09-0400	62 DIESEL
BEAVERTON	FARMINGTON RD/CLARK HILL RD	06/29/04 HM09-0400	96 DIESEL
BEAVERTON	12850 SW 3RD ST	08/23/04 HM09-0401	58 CHLORINE
HILLSBORO	1679 SE ENTERPRISE CIR	09/14/04 0485-04018	33 UNKNOWN CHEMICAL
TIGARD	18230 SW BOONES FERRY RD	10/24/04 0485-04018	80 LIQUEFIED PETROLEUM GAS
HILLSBORO	3933 SE TV HWY TV	11/01/04 HM09-0401	82 SULFUR
	HWY 99 & BELL RD TO HWY 99 & HWY	12/09/04 0485-04033	88 DIESEL FUEL
TUALATIN	I-205 NORTH	12/14/04 0485-04021	9 CARPET CLEANER
TUALATIN	9700 SW HERMAN RD	12/26/04 0485-04019	96 SULFURIC ACID

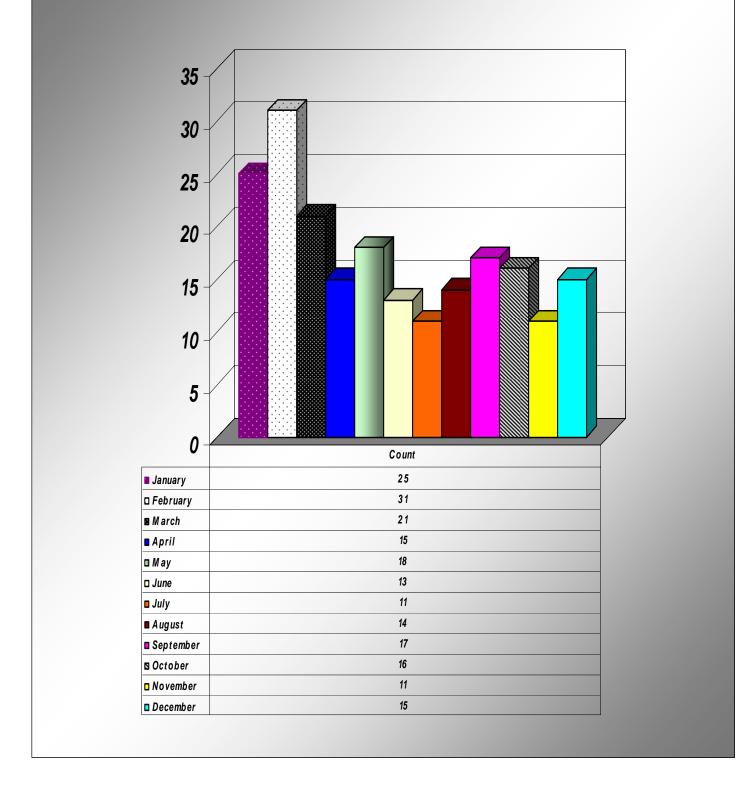
### YAMHILL

MCMINNVILLE	1730 MILLER ST	09/21/04	0437-040205	NATURAL GAS
MCMINNVILLE	2585 N 99W	11/23/04	0437-040336	HYDROCHLORIC ACID

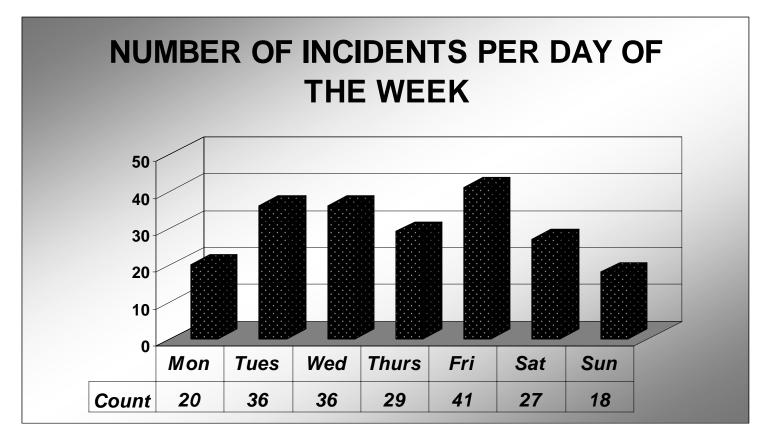


Hazmat Team 03—Gresham / Multnomah

## NUMBER OF INCIDENTS PER MONTH



A total of 207 incidents were reported in 2004. February had the highest number of incidents, equating to approximately 15% of the incidents. July and November had the lowest number of reported incidents, with each equating to approximately 6%.

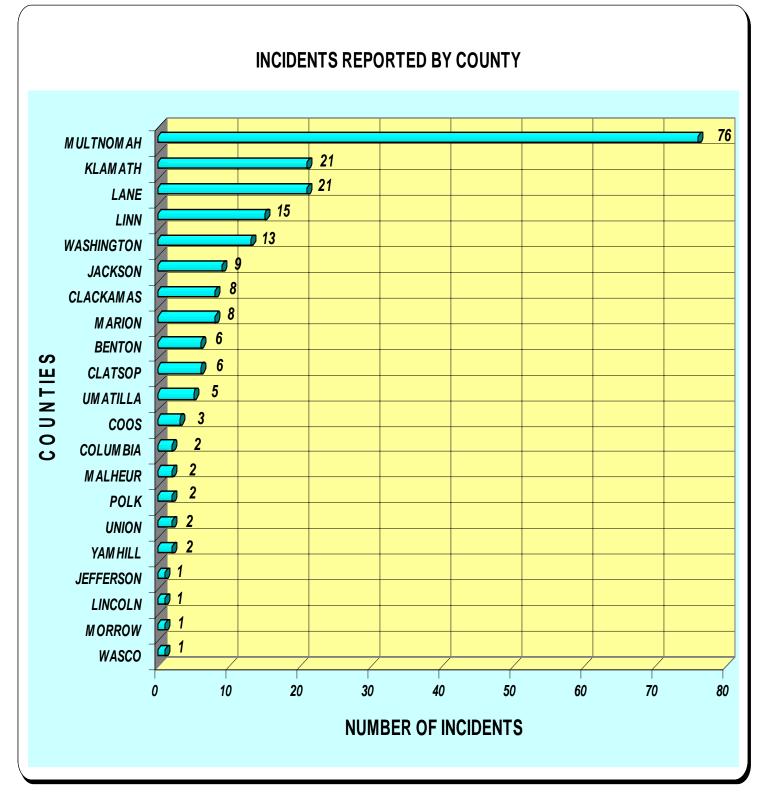


In 2004, the day of the week with the highest number of reported incidents was Friday (equating to approximately 20%). Sunday had the lowest percentage of occurrences (approximately 10%).

In comparison, during the year 2003 the highest number of reported incidents occurred on Monday (approximately 22%). During 2003, Sunday had the least number of occurrences (approximately 10%).



Hazmat Team 07—Redmond Dedication 10/21/01



The chart above shows the number of reported incidents that occurred in the various counties. Multnomah, Klamath, and Lane counties reported the highest number of incidents.

# **INCIDENT RESPONSES BY AGENCY**

The Incident Responses by Agency table shows the number of incidents responded to by the various emergency service departments/agencies.

Count	Agency Name	Agency Description
71	HAZMAT TEAM PORTLAND - 06	STATE AGENCY
24	PORTLAND BUREAU OF F&R & EMS	LOCAL FIRE DEPT
21	OTHER	LOCAL OTHER
21	PORTLAND POLICE BUREAU	LOCAL POLICE
17	KLAMATH CO FIRE DIST #1	LOCAL FIRE DEPT
13	ALBANY FIRE DEPT	LOCAL FIRE DEPT
12	HAZMAT TEAM TUALATIN - 09	STATE AGENCY
11	EUGENE FIRE & EMS	LOCAL FIRE DEPT
8	TUALATIN VALLEY F&R	LOCAL FIRE DEPT
8	DEPT OF TRANSPORTATION (ODOT)	STATE AGENCY
8	HAZMAT TEAM EUGENE - 02	STATE AGENCY
7	ASTORIA FIRE DEPT	LOCAL FIRE DEPT
6	CORVALLIS FIRE DEPT	LOCAL FIRE DEPT
5	MEDFORD F&R	LOCAL FIRE DEPT
5	SPRINGFIELD FIRE & LIFE SFTY	LOCAL FIRE DEPT
5	TUALATIN POLICE DEPT	LOCAL POLICE
5	DEQ	STATE AGENCY
5	HAZMAT TEAM E ORE HERMISTON - 10	STATE AGENCY
5	HAZMAT TEAM GRESHAM\MULTNOMAH - 03	STATE AGENCY
5	HAZMAT TEAM SALEM - 13	STATE AGENCY
5	OREGON STATE POLICE	STATE AGENCY
4	HAZMAT TEAM KLAMATH FALLS	STATE AGENCY
3	CLACKAMAS CO FIRE DIST #1	LOCAL FIRE DEPT
3	GRESHAM F&EMS	LOCAL FIRE DEPT
3	LANE CO FIRE DIST #1	LOCAL FIRE DEPT
3	MARION COUNTY FIRE DIST 1	LOCAL FIRE DEPT
3	MCMINNVILLE FIRE DEPT	LOCAL FIRE DEPT
3	NW NATURAL GAS	PRIVATE OTHER
3	HAZMAT TEAM COOS BAY - 15	STATE AGENCY
2	FEDERAL BUREAU OF INVESTIGATIONS (FBI)	FEDERAL AGENCY
2	ASHLAND F&R	LOCAL FIRE DEPT
2	COBURG RFPD	LOCAL FIRE DEPT
2	SALEM FIRE DEPT	LOCAL FIRE DEPT
2	SALEM PUBLIC WORKS DEPT	LOCAL OTHER
2	BANDON POLICE DEPT	LOCAL POLICE
2	MEDFORD POLICE DEPT	LOCAL POLICE

# **INCIDENT RESPONSES BY AGENCY CONTINUED**

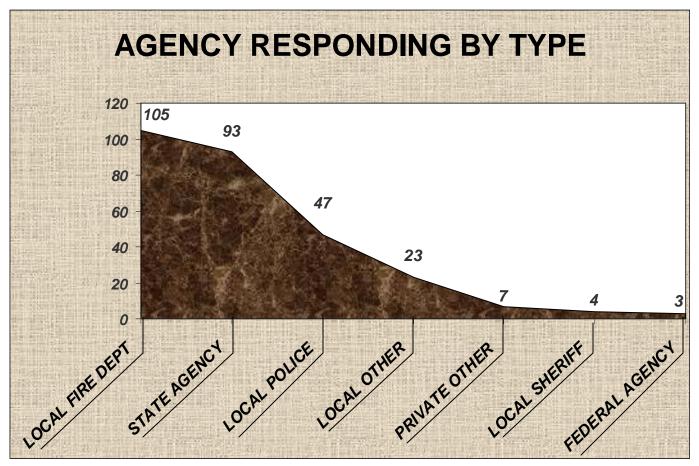
Count	Agency Name	Agency Description
2	PORT OF PORTLAND POLICE DEPT	LOCAL POLICE
2	SPRINGFIELD POLICE DEPT	LOCAL POLICE
2	MULTNOMAH CO SHERIFFS OFFICE	LOCAL SHERIFF
2	FIRST STRIKE ENVIRONMENTAL	PRIVATE OTHER
2	HAZMAT TEAM E ORE LAGRANDE - 12	STATE AGENCY
2	HAZMAT TEAM SOUTHERN OREGON - 08	STATE AGENCY
1	US COAST GUARD	FEDERAL AGENCY
1	APPLEGATE RFPD #9	LOCAL FIRE DEPT
1	BANDON FIRE DEPT	LOCAL FIRE DEPT
1	BOARDMAN RFPD	LOCAL FIRE DEPT
1	CLACKAMAS RFPD DIST #1	LOCAL FIRE DEPT
1	CENTRAL OREGON COAST F&R	LOCAL FIRE DEPT
1	CLATSKANIE RFPD	LOCAL FIRE DEPT
1	CORNELIUS FIRE DEPT	LOCAL FIRE DEPT
1	DAYTON FIRE DEPT	LOCAL FIRE DEPT
1	ESTACADA RFPD #69	LOCAL FIRE DEPT
1	HERMISTON F&EMS	LOCAL FIRE DEPT
1	HILLSBORO FIRE DEPT	LOCAL FIRE DEPT
1	JACKSON CO FD #3	LOCAL FIRE DEPT
1	JACKSON CO RFPD #3	LOCAL FIRE DEPT
1	JUNCTION CITY RFPD	LOCAL FIRE DEPT
1	LA GRANDE FIRE DEPT	LOCAL FIRE DEPT
1	LAKE OSWEGO F&R & LIFE SAFETY	LOCAL FIRE DEPT
1	MAPLETON FIRE DEPT	LOCAL FIRE DEPT
1	NYSSA FD	LOCAL FIRE DEPT
1	PENDLETON FIRE & AMBULANCE	LOCAL FIRE DEPT
1	PHILOMATH F&R	LOCAL FIRE DEPT
1	POLK CO FIRE DIST #1	LOCAL FIRE DEPT
1	SHERIDAN FD	LOCAL FIRE DEPT
1	SISTERS-CAMP SHERMAN RFPD	LOCAL FIRE DEPT
1	SPRING VALLEY RFPD	LOCAL FIRE DEPT
1	ALBANY POLICE DEPT	LOCAL POLICE
1	ASHLAND POLICE DEPT	LOCAL POLICE
1	ASTORIA POLICE DEPT	LOCAL POLICE
1	BEAVERTON POLICE DEPT	LOCAL POLICE
1	EUGENE POLICE DEPT	LOCAL POLICE
1	GRESHAM POLICE DEPT	LOCAL POLICE
1	HILLSBORO POLICE DEPT	LOCAL POLICE
1	LAKE OSWEGO POLICE DEPT	LOCAL POLICE

# **INCIDENT RESPONSES BY AGENCY CONTINUED**

Count	Agency Name	Agency Description
1	MCMINNVILLE POLICE DEPT	LOCAL POLICE
1	OREGON CITY POLICE DEPT	LOCAL POLICE
1	PENDLETON POLICE DEPT	LOCAL POLICE
1	SALEM POLICE DEPT	LOCAL POLICE
1	TIGARD POLICE DEPT	LOCAL POLICE
1	UMATILLA CO SHERIFFS OFFICE	LOCAL SHERIFF
1	WASHINGTON CO SHERIFFS OFFICE	LOCAL SHERIFF
1	JAMES W FOWLER CO	PRIVATE OTHER
1	NRC ENVIRNOMENTAL	PRIVATE OTHER
1	HAZMAT TEAM ASTORIA - 11	STATE AGENCY
1	HAZMAT TEAM E ORE ONTARIO	STATE AGENCY
1	HAZMAT TEAM LINN/BENTON	STATE AGENCY



Hazmat Team 01—Douglas County Identifying a chemical during a drug lab drill.

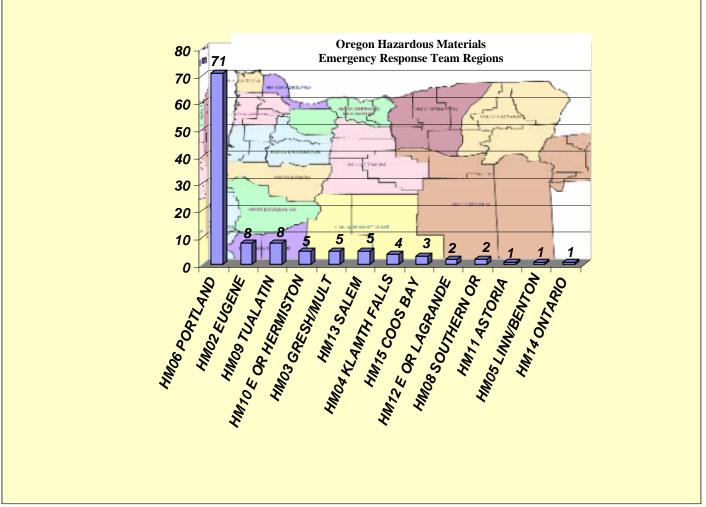


In some cases, more than one agency responded to an incident. The chart above shows the number of agencies by type who responded to incidents. The majority of agencies responding were local fire departments, equating to 105 total responses. The second highest responding agency was state agencies, which is primarily Hazmat Teams.



Portland Hazmat Team 06

# HAZMAT TEAMS RESPONDING



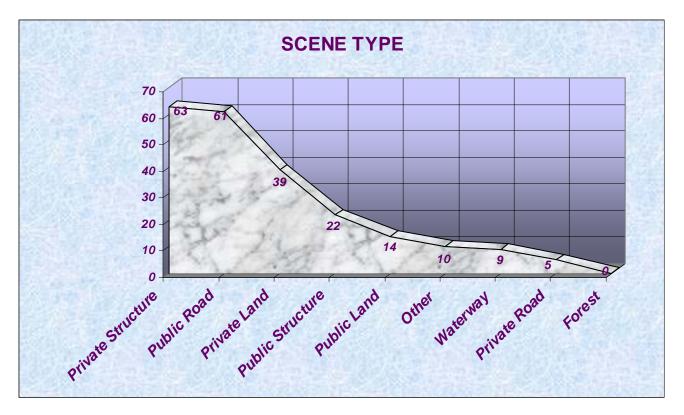
Hazmat Team 06 in Portland responded to the highest number of incidents, equating to 61% of all incidents reported to OSFM.



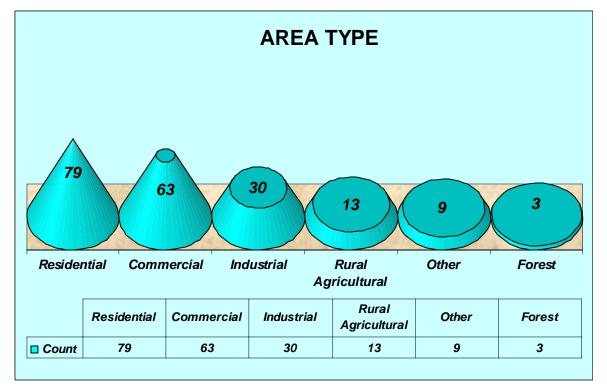
State FMO LOX incident responded to by Hazmat Team 06—Portland.



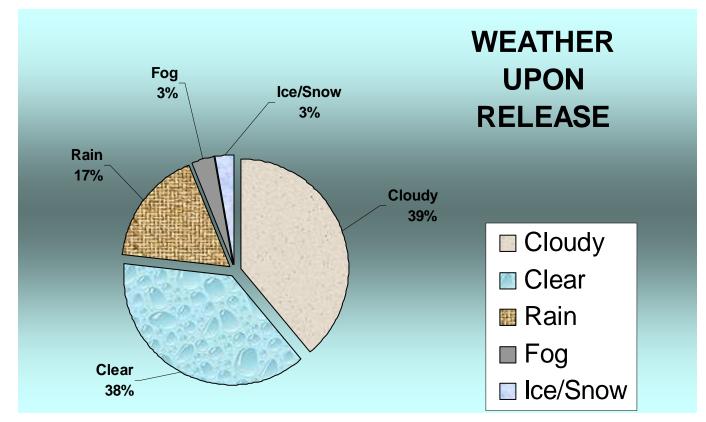
Team members of Hazmat Team 06—Portland during a drill.



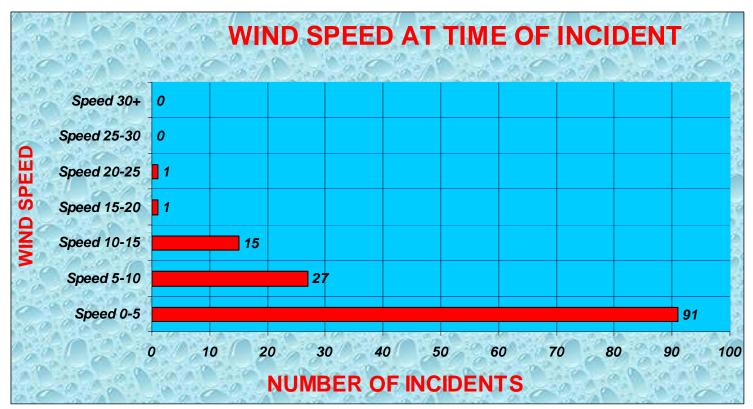
The number of incidents that occurred at private structures equated to approximately 29% of the reported incidents. Approximately 28% occurred on public roads. These two scene categories were also the highest in 2003. For the twelfth consecutive year, forests and private roads were the lowest involved scene types reported.



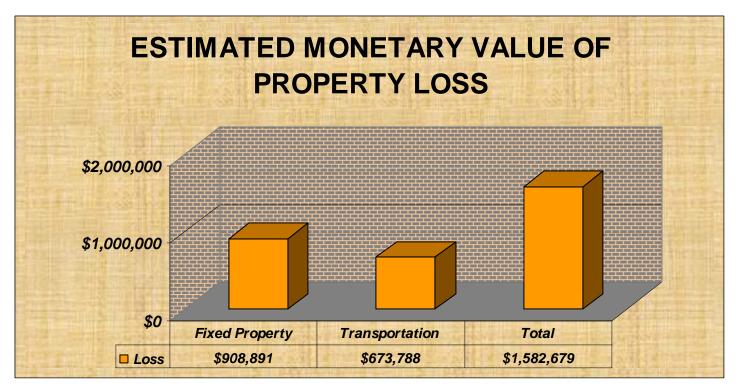
The above chart reflects that residential areas were identified as the highest involved area of incidents reported, equating to approximately 41%. The second highest area was identified as commercial, equating to approximately 32%. These two area types were also the highest in 2003. Forest remains the lowest involved area again this year, equating to approximately 2%.



Cloudy weather was the most frequently reported weather condition, reported for 83 incidents. The next highest weather condition was clear, which was the weather condition during 81 of the reported incidents. Rain was the weather condition for 37 incidents.



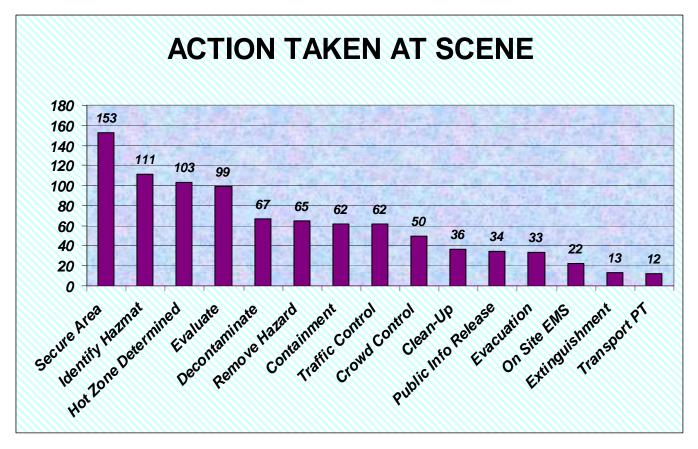
Of the incidents reported in 2004, 68% reported a wind speed of 0-5 miles per hour; while 20% reported a wind speed of 5-10 miles per hour.



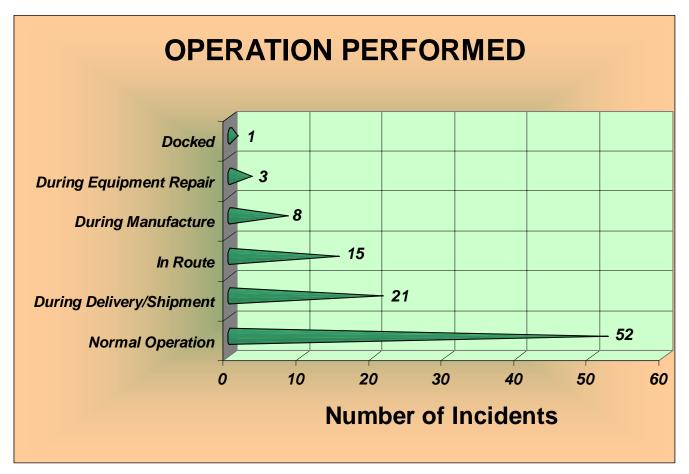
Monetary losses due to hazardous material incidents are divided into two categories:

1) Transportation, which includes vehicle and cargo, and 2) Fixed Property.

Of the total estimated losses in 2004, approximately 57% were fixed property losses, and 43% were transportation losses. The total estimated loss includes the monetary value of the hazardous substance spilled.



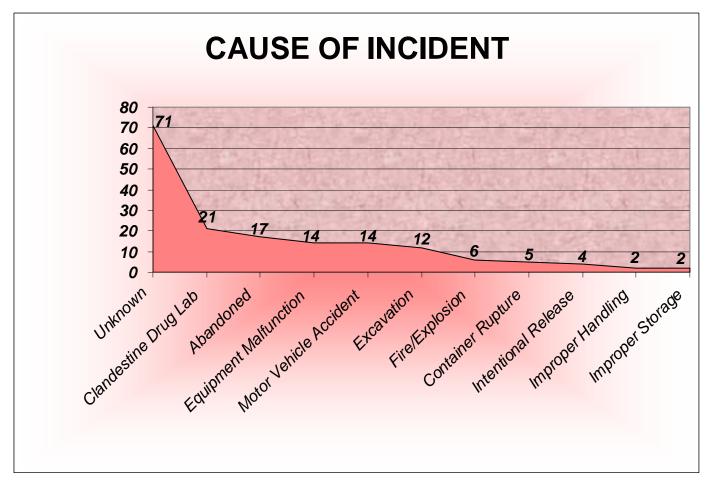
More than one action may have been taken at the scene of an incident. The most frequent actions taken at incident scenes were 1) secure the area and 2) identify the hazardous material involved in the incident.



Approximately 52% of the reported incidents occurred during normal operations. About 21% of the incidents occurred during delivery or shipment.



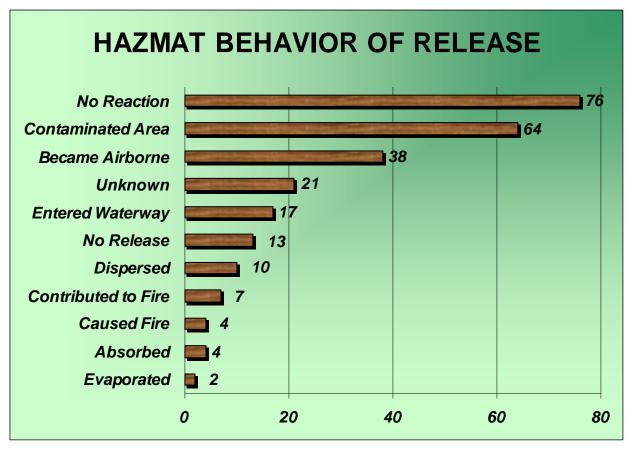
Hazmat Team 13—Salem



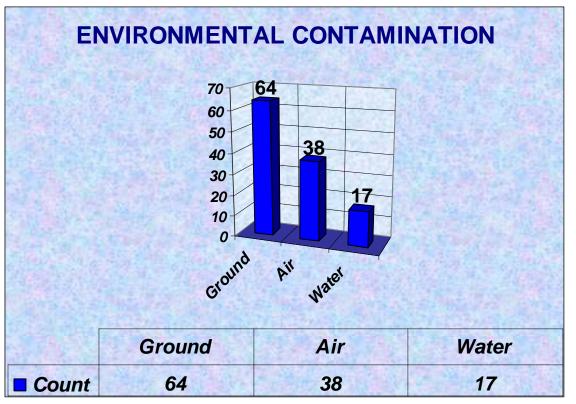
Not all Incident Reports indicated a cause. 42% of the incidents that indicated a cause listed the cause as unknown. The next highest cause was clandestine drug lab, accounting for 13%, followed by abandoned, accounting for approximately 10%.



Hazmat Team 04-Klamath Falls responding at Lake of the Woods



This chart shows the hazardous material behavior of the released substance. More than one behavior may have been reported for any one incident. The most frequent behavior on release was no reaction (approximately 30%). The second highest behaviors reported was that the area was contaminated (25%). In 15% of the behaviors reported, the hazardous substance became airborne.

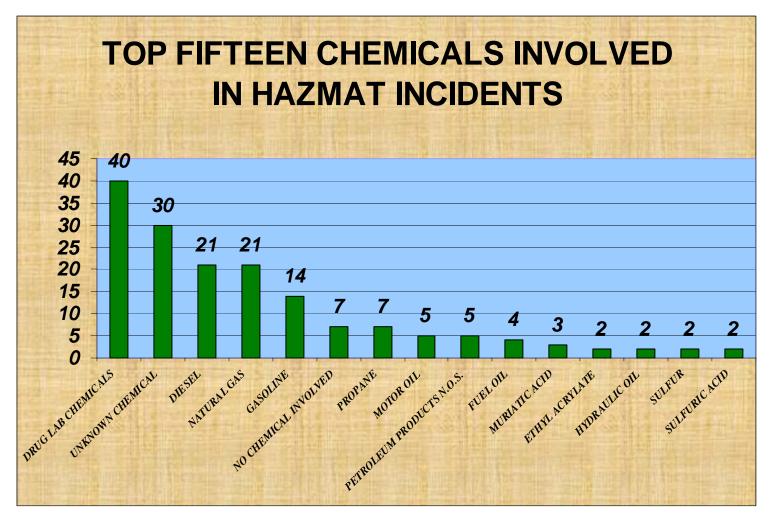


Of the Incident Reports submitted in 2004, the ground was contaminated in approximately 54% of the reported incidents. The next highest environmental impact was to the air, followed by water contamination.

## List of Materials Spilled In 2004 Hazmat Incidents

CHEMICAL F	REQUENCY	CHEMICAL FREQUENCY
ACETONE	1	SODIUM CARBOXYMETHYL CELLULOSE 1
AMMONIA ANHYDROUS	1	SODIUM HYDROXIDE 1
AMMONIUM PHOSPHATE	1	SOPP SOAP 1
ASC-10	1	STYRENE MONOMER 1
AV GAS	1	SULFUR 2
BENZALDEHYDE	1	Unreadable 2
BLUE DYE	1	TRANSFORMER OIL 1
BUTYL ACRYLATE	1	TREMCO ONE COAT ALUMINUM COATING 1
CARBON DIOXIDE	1	UNKNOWN CHEMICAL 30
CARPET CLEANER	1	VARIOUS CHEMICALS 1
CHEVRON HYDRAULIC OIL AW ISO	32 1	VICODIN 1
CHLORINE	1	WASTE SLUDGE 1
CLEANING CHEMICALS	1	WEEDAR 64 BROADLEAF HERBICIDE 1
COOKER OIL	1	WOOD BLEACH 1
CORN STARCH	1	WOOD PRESERVATIVE 1
DIESEL	21	YEAST (ALL TYPES) 1
DRUG LAB CHEMICALS	40	
ETHYL ACRYLATE	2	
FREON 123	1	
FUEL OIL	4	
GASOLINE	14	
HALON 1301	1	
HYDRAULIC OIL	2	
HYDROCHLORIC ACID	1	
HYDROCHLORIC ACID 20%	1	
HYDROGEN PEROXIDE	1	
LYSOL DISINFECTANT TOILET BOW	'L 1	
MAGNESIUM SULFATE HEPTAHYDE	RATE 1 🔰	
METHYLENE CHLORIDE	1	
MOTOR OIL	5	
MURIATIC ACID	3	
NATURAL GAS	21	
NITROGEN	1	
NO CHEMICAL INVOLVED	7	
OIL & DIESEL MIX	1	Land Carlos Carlos
PETROLEUM	1	
PETROLEUM PRODUCTS N.O.S.	5	
PHOSPHORIC ACID	1	
POLYETHYLENE GLYCOL	1	
PROPANE	7	
RED PHOSPHORUS	1	Hazmat Team 11—Astoria

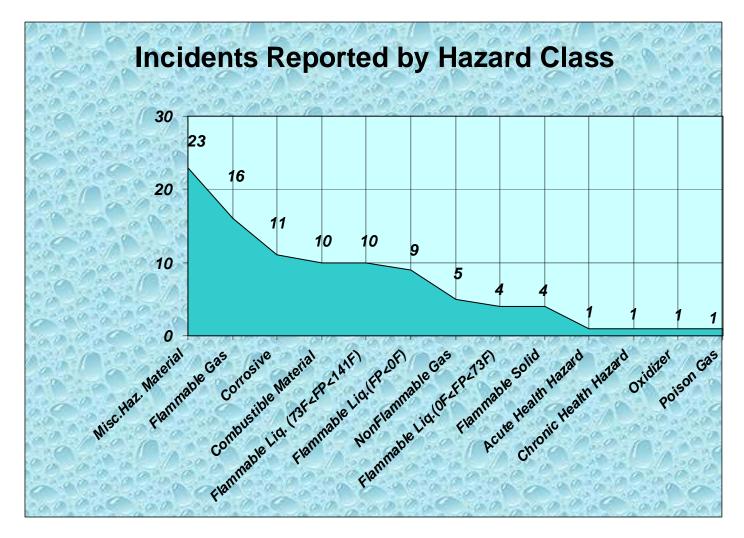
There were 57 different chemicals reported to have been released in 2004.



In the majority of incidents, the substance involved was a drug lab chemical. The second most common chemical identified was, ironically, unknown chemical. Diesel and Natural Gas were the third most common chemicals.



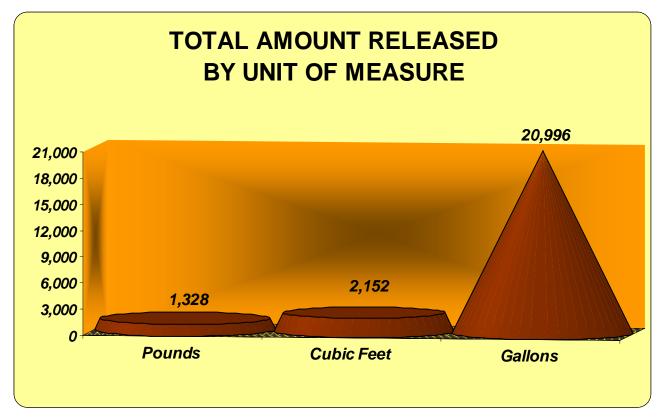
Hazmat Team 15—Coos Bay Hauser Awareness & Ops



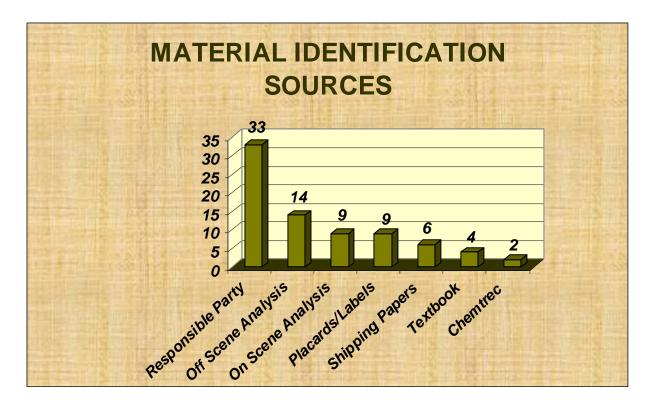
Miscellaneous Hazardous Material was the most common hazard class for chemicals reported in 2004 incidents. The second most common hazard class was Flammable Gas.



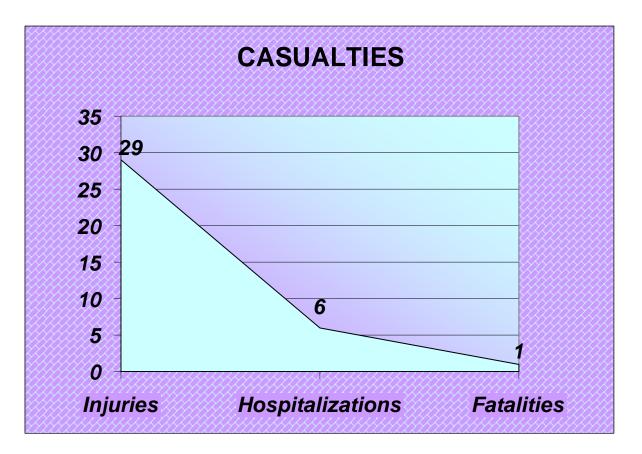
Hazmat Team 5—Linn /Benton Bomb Drill



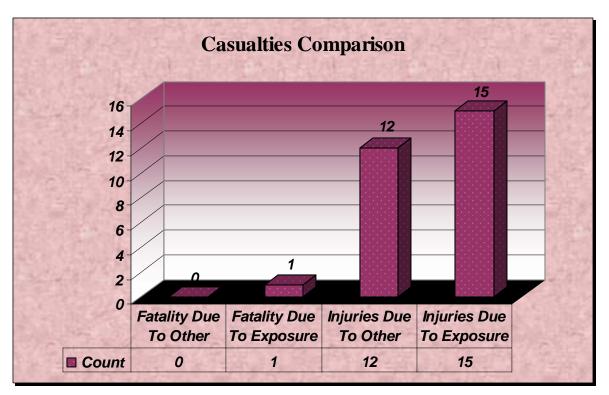
Responders to hazardous material incidents provide an estimate of the total amount released for all substances involved. The substances are reported according to their physical state: solids in pounds, liquids in gallons, and gases in cubic feet. The chart above shows the quantities released.



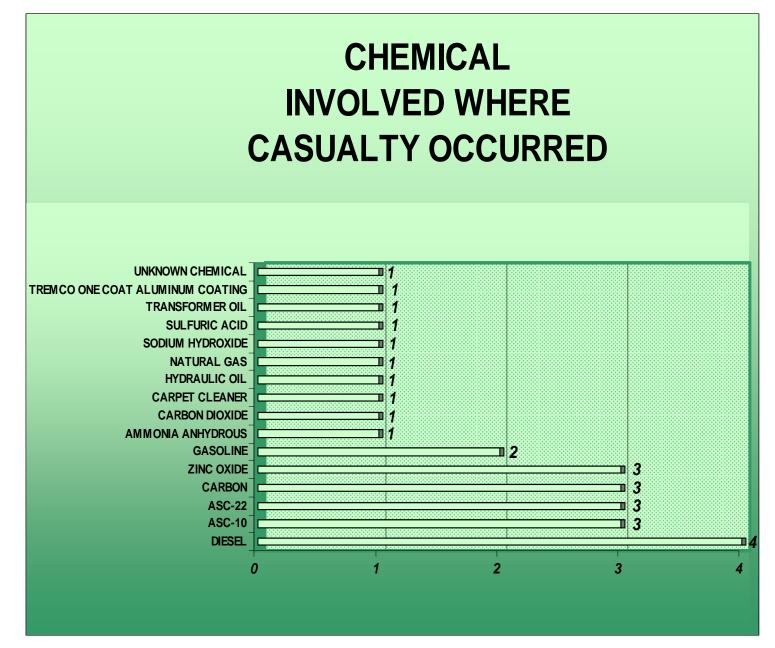
The course of emergency response is often determined by correct identification of the material involved in an incident. The graph above shows the sources used to identify the hazardous material. The responsible party was the highest source used in identifying the material involved (43%).



The above chart shows the number of people who were injured, hospitalized, and the number of fatalities in Hazardous Material Incidents reported in 2004.



Fatalities and injuries due to exposure refers to people affected as a direct result of the incident, or exposure to the incident. Fatalities and injuries due to other refers to people affected, but not as a direct result of the incident. For example, if a truck driver had a heart attack and died, which caused the truck to crash and the incident to occur, this would be categorized as fatality due to other.



This table shows the number of casualties that occurred for each chemical. More than one chemical may have been involved in any one incident. Not all of the casualties are directly caused by the hazardous chemicals. In some cases, the casualty was the cause of the incident rather than the chemical being the cause of the casualty.

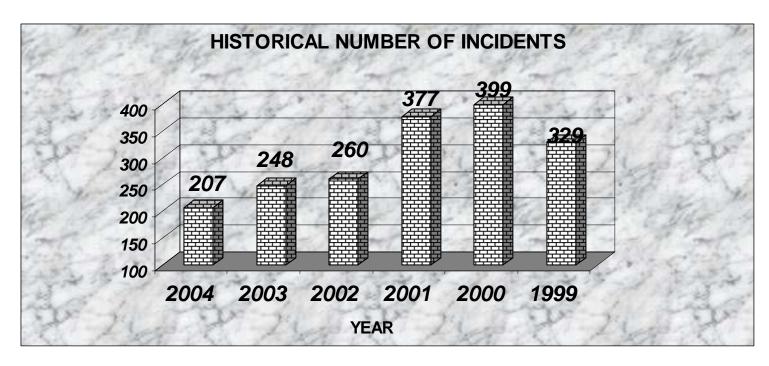


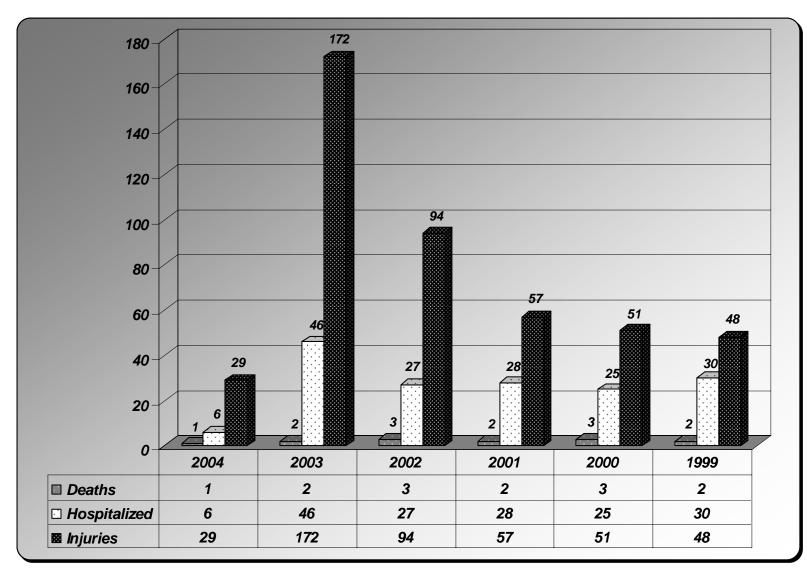
Hazmat Team 12—Eastern Oregon/LaGrande Training



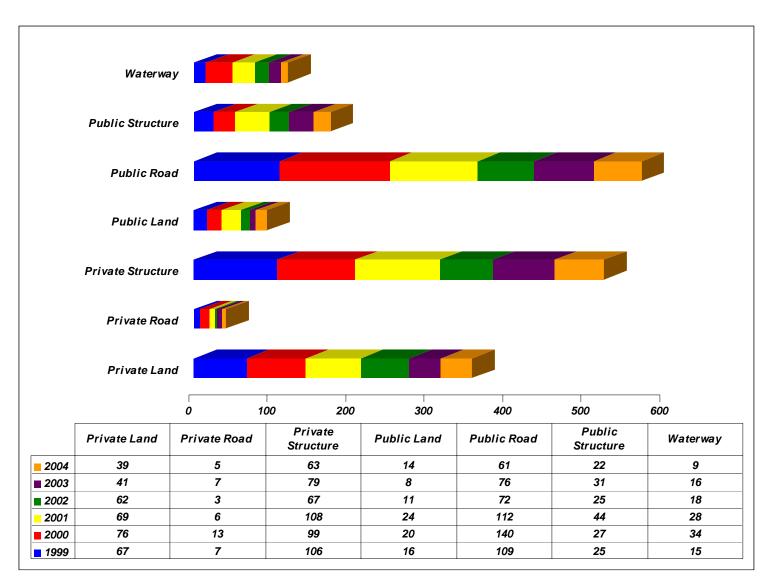
Hazmat Team 12—Eastern Oregon/LaGrande Helicopter Crash

## HISTORICAL CHARTS





# HISTORICAL SCENE TYPE



Historically, the most common scene types are Public Road, Private Structure, and Private Land.

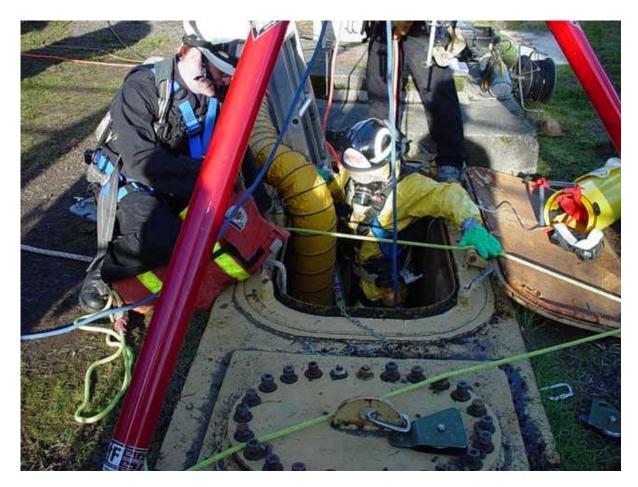




Hazmat Team 05-Linn/Benton during a radiological training.

HISTORICAL CAUSE OF INCIDENT							
	Year 2004	Year 2003	Year 2002	Year 2001	Year 2000	Year 1999	Total
Abandoned	17	26	27	37	40	26	173
Clandestine Drug Lab	21	44	37	68			21
Container Rupture	5						5
Equipment Malfunction	14						14
Excavation	12	7	12	21	24	24	100
Fire/Explosion	6						6
Improper Handling	2						2
Improper Storage	2	24	27	33	48	38	172
Intentional Release	4						4
Motor Vehicle Accident	14	13	21	32	36	28	144
Unknown	71						71

During 2004, the Incident Database was redesigned; hence, some of the cause categories are new to 2004 and were not previously tracked.



Hazmat Team 9-Tualatin Valley Fire & Rescue

Request for Hazardous Substance Information							
S FRANKSKARA O	NOTE: ALL REQUESTER INFORMATION MUST BE PROVIDED BEFORE THE REQUEST CAN BE PROV Mailing Address: Office of State Fire Marshal 4760 Portland Rd. NE Salem OR 97305-1760 Mailing Address: SFM.CR2K@state.or.us						
1. Requester & Title:		enterna enterna	2. Date Requested:				
<b>3.</b> Organization:			4. Phone Number:				
5. Email Address:							
		6. Fax Number:					
7. Requester Mailing Addres	;S:	8. Requester C	ounty & Stree	et Address:			
<b>9.</b> Describe what information you are requesting. Include the Name and Address of the Site(s) you are requesting information for. On the second page of this form, check the data elements you want included in your report, if applicable. If more space is needed than is provided, add additional pages.							
10. Describe what the information will be used for.							
2.  Printed Copy 5	eceive the information? E-Mail Transfer Diskette CD, How Many	<ul> <li>12. If you are r</li> <li>Access</li> <li>Excel</li> <li>Other / Speci</li> </ul>	☐ Text ☐ D-Ba				
OSFM USE ONLY							
Type of Organiza			<u>Request Type</u>				
Educational Organization	General Medical	HSIS CD ER		Survey			
Emergency Management     Environmental Consultant	<ul> <li>Hospital</li> <li>General Government</li> </ul>		D	☐ Inc & Surv			
Environmental Group	☐ Law Enforcement	☐ H&M ER					
☐ Fire Service	Private Business						
Financial Institution	Public	Pesticide		112R			
$\Box$ Other / Specify $\rightarrow$		Secured Haz	Class	PSM			
Purp	ose	Other / Speci	ify $\rightarrow$	Tech Asst			
Education / Library	Response	Person Receivi	•				
🔲 Company Look-up	Planning	Person Providir	ng Request:				
Presentation / Meeting    Exercise    Person Verifying    -			g				
Regulatory	🗆 ESA	Date Request F	Provided:				
$\Box$ Other / Specify $\downarrow$	🗆 TTA	Query Name:					
		Special Reques	st Approval:				
		· · · _	H.C. Spec. Loc	Emer Niaht #			
			On going One				

### INSTRUCTIONS FOR FILLING OUT THE REQUESTER SECTION OF THIS FORM

#### NOTE: ALL REQUESTER INFORMATION MUST BE PROVIDED BEFORE THE REQUEST CAN BE PROCESSED

#### IF AN AREA OF THE REQUEST FORM DOES NOT APPLY, ENTER "NONE" OR "N/A"

- 1. Requester:
  - Enter the name of the person requesting the information.
- 2. Date Requested: Enter the date the information is being requested.
- 3. Organization: Enter the name of the organization the requester is affiliated with.
- 4. Phone Number: Enter the Phone Number of the person requesting the Information.
- 5. Email Address: Enter the email address of the person requesting the information.
- 6. Fax Number: Enter the fax number of the person requesting the information.
- 7. Requester Mailing Address: Enter the mailing address of the person requesting the information.
- 8. Requester Street Address: Enter the street address of the person requesting the information. If the street address is the same as the mailing address enter "SAME".
- 9. Describe what information you are requesting: Enter a detailed description of the information you are requesting. Provide enough detail to give a clear understanding of what information you want. Be sure to include the Name and Address of the facility you are requesting the information for.
- 10. Describe what the information will be used for: Enter a description of what this information will be used for.
- 11. How would you like to receive the Information? Check the box that indicates how you would like to receive the information. If requesting fax or email, be sure to provide that information in number 5 or 6 as applicable.
- 12. If you are requesting 4, 5 or 6 please check format: If requesting an electronic version of the information, check the box indicating the format in which you want to receive it. If the format you want is not identified by a check box, write the format in the area identified as "Other / Specify format".

#### SURVEY & INCIDENT DATABASE FIELD SELECTIONS:

	SURVEY		SURVEY CONT
1. 🗌	Are Hazardous Substances Present at Facility	35.	Storage Location-Restricted
2. 🗌	EHS Substances that Meet TPQ	36.	Facility ID Number
3. 🗌	Subject to Sec 112R of CAA	37.	Geo Loc Codes
4. 🗌	Subject to PSM Requirements		
5. 🗌	SIC Codes for Facility		
6. 🗌	Business Activity		
7. 🗌	Manager's Name		
8. 🗌	Send to Attention of		
9. 🗌	Email Address		
10. 🗌	Business Name		INCIDENT
11. 🗌	Department / Division	Α.	District of Incident
12. 🗌	Site Address	В.	County of Incident
13. 🗌	Mailing Address	C.	Dept. Responding
14. 🗌		D.	Date of Incident 🗌 Day of the Week
15. 🗌	Number of Employees	Ε.	Call Time (time alarm received)
16. 🗌	Emergency Contact Person	F.	In Route Time
17. 🗌	Emergency Contact Day Number	F.	Arrive Time
18. 🗌	Emergency Contact Night Number-Restricted	Н.	Depart Scene Time
19. 🗌		Ι.	Time Back in quarters
20. 🗌		J.	In Service Time
21. 🗌		K.	Incident Location
22. 🗌	Is or Contains a 112r substance	L.	Responsible Party Information
23. 🗌	Is or Contains an EHS	Μ.	Scene Type
24. 🗌	Is or Contains a PSM substance	N.	Area Type
25. 🗌	Physical Sate	О.	Weather Type
26. 🗌	Unit of Measure	Ρ.	Agencies Responding
27. 🗌	Max Amount. Code	Q.	Action Taken
28. 🗌	Amount In	R.	Source of Incident
29. 🗌	Amount Out	S.	
30. 🗌	Storage Code	Т.	
31. 🗌	Hazard Class	U.	Hazmat Behavior on Release
32. 🗌	UN/NA Number	V.	
33. 🗌	EPA Pesticide Reg. Number	W.	Source Used to Identify Materials Involved
34. 🗌	CAS Number	Х.	Estimated Property Loss
		Υ.	Casualties