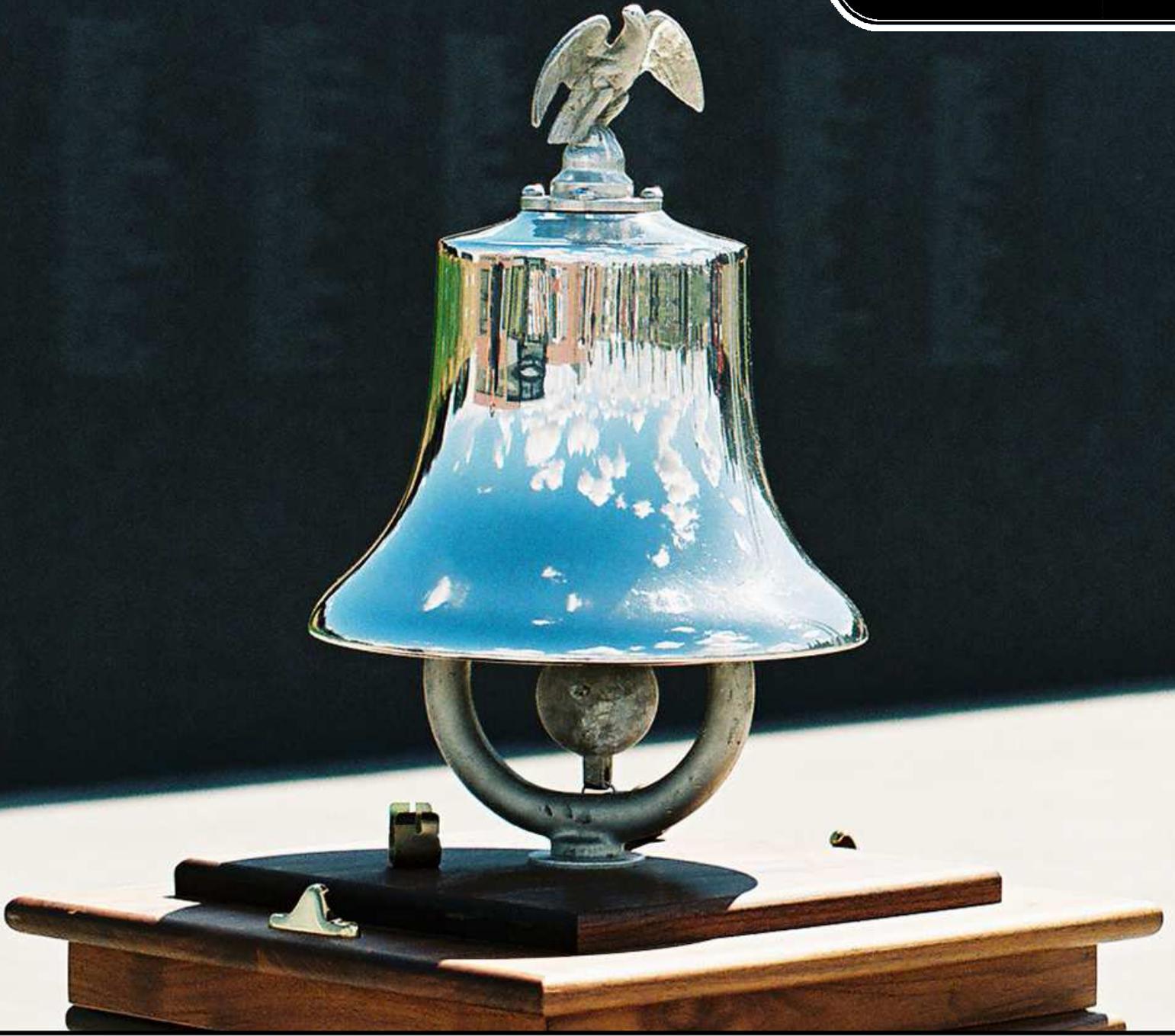


# Oregon Office of State Fire Marshal Supplement to the 2013 Annual Report



**Prevention • Preparedness • Response**



### **Mission**

Protecting citizens, their property, and the environment from fire and hazardous materials.

### **Vision**

Premier Public Safety Services.

### **Values**

#### **Professionalism**

We are a highly skilled and competent workforce.

#### **Credibility**

We demonstrate trust and accountability through our actions.

#### **Collaboration**

We partner with others to achieve our mission.

#### **Leadership**

We are dedicated to an environment for success.

#### **Dedication**

We believe our mission is worthy of our efforts.

### **Statutory Authority**

Oregon Revised Statutes:  
Chapters 336, 453, 470,  
476, 478, 479, 480

# Supplement to the 2013 Office of State Fire Marshal Annual Report

This publication contains information about the activities and resources of Oregon's structural fire protection agencies in 2013. While this information is published primarily as a service to fire protection agencies, we hope it will be a useful resource for any agency or individual seeking information on Oregon's fire service.

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## **ABOUT THE DATA IN THIS REPORT**

NFIRS – The National Fire Incident Reporting System (NFIRS) was developed by the U.S. Fire Administration and is a uniform system of incident reporting that uses a common set of definitions and associated numerical codes. NFIRS provides general guidance and standards to be used when completing incident reports. Data submitted by Oregon fire agencies to the OSFM using the NFIRS format and standards is the primary source of information for this report.

Oregon Fire Bridge™ - Oregon's incident reporting system, Oregon Fire Bridge™, is a real-time reporting system that is web based and NFIRS compliant. Incident reports submitted to the OSFM are required under ORS 476.210 and must be compliant with the current NFIRS incident reporting standard. Incident reports are submitted to the OSFM from local fire agencies in Oregon and are maintained in the Oregon Fire Bridge™. Data entered into the Oregon Fire Bridge™ by local fire agencies can be changed, modified, or updated at any time as newer information becomes available. Data that was not reported in previous years may also be entered at any time. These variables may cause information previously reported by OSFM to be different than what is currently reported.

Statewide Incident Summary - The data in this section was obtained from the Oregon Fire Bridge™ and includes every type of incident reported, not just fire incidents. The data in this section includes only incidents reported to the OSFM on or before 3/31/2014.

Fires in Oregon - The data in this section was obtained from the Oregon Fire Bridge™ and includes only incidents that involved an actual fire. The data in this section includes only incidents reported to the OSFM on or before 3/31/2014.

Community Right To Know Report - The data in Section I was obtained from the Hazardous Substance Information Survey database. The Community Right to Know Unit (CR2K) was established by the legislature in 1985. Facilities in Oregon operating within a North American Industrial Classification System (NAICS) code with the potential for storing a reportable quantity of a hazardous substance are required to complete the survey. The CR2K Unit collects, validates, and disseminates the information collected in order to protect public health and safety and to provide emergency response personnel with information on hazardous substances in their communities.

The data in Section II was obtained from the Oregon Fire Bridge™, Oregon's online fire and hazardous substance incident reporting system. Hazardous substance incident reports are submitted to the OSFM from local fire agencies in Oregon and OSFM Hazmat teams and are maintained in the Oregon Fire Bridge™. Hazardous substance reports submitted to the OSFM are required under ORS 453.342 for specified incidents that involve hazardous substances and must be compliant with the current NFIRS incident reporting standard. The data in this section includes only incidents reported to the OSFM on or before 3/31/2014.

Reporting Agencies - In order to provide a more complete summary of the fire situation in Oregon, the data in this report includes information provided by fire agencies recognized by the OSFM including those that are not required to report their incident data to OSFM.

Appendices - The information contained in the appendices was obtained from the Oregon Fire Bridge™, OSFM Fire Service Resource Inventory Reports, the Special Districts Association of Oregon (SDAO), agency websites, the U.S. Census Bureau, and the Oregon Secretary of State's Office. Information compiled through OSFM's Resource Inventory Reports and from SDAO was provided by Oregon fire protection agencies as listed. Not all agencies provided information. A blank or zero indicates the information was not provided or the amount was zero.

## METHODOLOGIES

Aid Given - To isolate individual fire incidents, only reports from the primary agency are included. Excluded from this report are any incidents where agencies reported that mutual or automatic aid was given. An exception is where aid given totals are specifically identified.

Casualties – Information on fire service and civilian casualties in this report is based on data provided in either the NFIRS Fire Service Casualty Module or the Civilian Fire Casualty Module. Casualty data entered only in the NFIRS Basic Module was not included.

Estimated Loss Amounts - Dollar amounts listed in this report are estimates made by on-scene firefighters and are not actual insurance totals. Methodologies for determining estimated loss amount and pre-loss amounts are established independently by each local fire agency.

Fire Causes – The causal information provided in this report was determined by applying the fire cause methodology established by the U.S. Fire Administration and found in their publication, *Fire Data Analysis Guidelines and Issues, July 2011*.

Residential – Fires referred to as residential in this report include all incidents in which the reporting agency identified the property use with the NFIRS property use codes of 400 – 464. These property use codes include any detached, manufactured homes, mobile homes not in transit, duplexes, apartments, condos, townhouses, boarding houses, shelters, commercial hotels or motels, residential board and care facilities, halfway houses, assisted care housing, dormitories, sorority/fraternity houses, military barracks, or bunk houses.

Residential Structure Fires – This section of the report includes only those incidents in which the reporting agency identified the property use with the NFIRS property use codes of either 419 or 429. These property use codes include 1-or 2-family dwellings, detached, manufactured homes, mobile homes not in transit, duplexes; or multifamily dwellings, including apartments, condos, and townhouses.

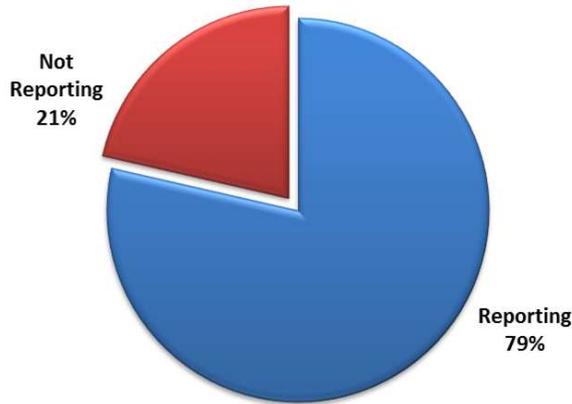
Youth Involved With Fire – Incidents - Information in this section is based on NFIRS reports and only includes incidents in which the reporting agency identified that age was a factor in ignition, and that the person involved was less than 18 years old.

Youth Involved With Fire – Interventions – Information in this section is based only on entries into the JFSI/Walk-in Module of the Oregon Fire Bridge™ and includes both instances when there was a fire department response and when there was not. All interventions occurring in 2013 that were reported as of 3/31/2014 were included.

# STATEWIDE INCIDENT SUMMARY

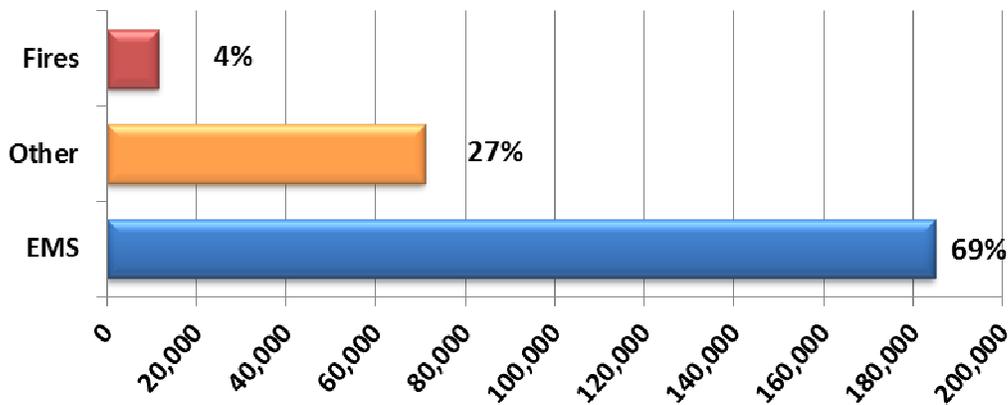
The following is an overview of all incident responses by Oregon fire agencies in 2013.

## 2013 Reporting Status



Number of Oregon Fire Agencies	317
Number of Agencies Reporting	249
Percentage of Agencies Reporting	79%
Percentage of State Population Represented	98%
Report Completeness Rate	97%

## 2013 Incident Information



Number of Fire Incidents	11,628
Number of Other Incidents	70,978
Number of EMS Incidents	184,819
Number of Unclassified Incidents	150
<b>Total Incidents</b>	<b>267,575</b>

## Multi-Year Trends

---

### Key Statewide Annual Statistics

	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Total Fire Agencies	315	319	316	317
Fire Agencies Reporting	254	255	258	249
Percentage of Agencies Reporting	81%	80%	82%	79%
<hr/>				
Total Fire Incidents	10,077	10,584	11,207	11,628
Total Non-Fire/ EMS Incidents	63,237	66,056	69,522	70,978
Total EMS Incidents	171,305	174,834	181,362	184,819
Total Unclassified Incidents*	117	100	118	150
<hr/>				
Total Runs Reported	244,736	251,574	262,209	267,575
<hr/>				
100% Valid Reports	209,059	231,237	257,647	260,629
Incident Report Validity Rate	85%	92%	98%	97%
<hr/>				
Total Aid Given Calls	16,172	17,462	16,203	18,329
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Total Canceled En-route Calls	16,560	18,923	19,218	19,236

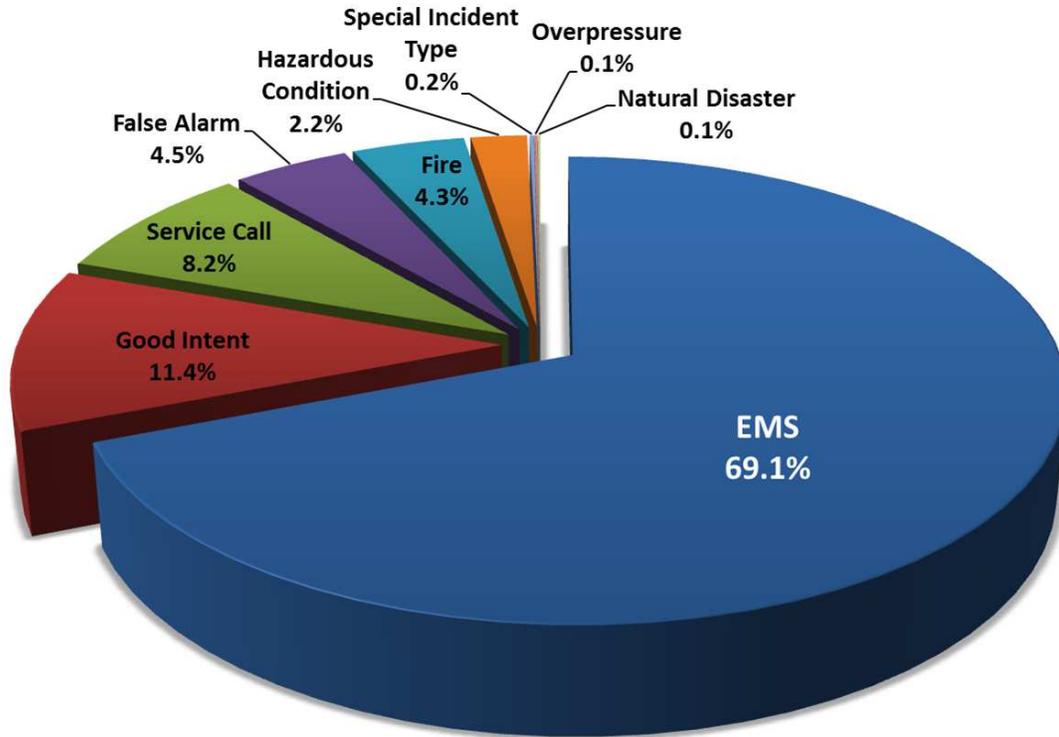
\* - Incidents where Incident Type was not identified..

Dollar amounts are estimates made by on-scene firefighters and are not actual insurance totals.

## Incident Types

The following charts and information are a breakdown of the types of incidents Oregon fire agencies responded to in 2013. Incident types are broken out into nine general categories or “Series” listed in the chart below. Within each general category incident types are broken down further to provide a more specific representation of the situation emergency responders found on arrival. A breakdown of fire situations is provided later in this report.

**Total Responses by Incident Type Series**



<u>Incident Series</u>	<u>Total</u>	<u>Pct.</u>
100 - Fire	11,628	4.3%
200 - Overpressure (no fire)	342	0.1%
300 - EMS	184,819	69.1%
400 - Hazardous Condition (no fire)	5,786	2.2%
500 - Service Call	21,875	8.2%
600 - Good Intent	30,356	11.3%
700 - False Alarm	11,926	4.5%
800 - Natural Disaster	242	0.1%
900 - Special Incident Type	451	0.2%

# Oregon Fire Clock

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Oregon's structural fire agencies responded to 11,628 fires in 2013. This represents a 3.8% increase from 2012. Even though this is an increase, Oregon fires have still declined by an average of approximately 1.6% annually over the last ten years. This trend indicates that the fire prevention education focus and efforts of the Office of State Fire Marshal (OSFM) and Oregon's fire agencies are making a positive impact across the state.

On average, a fire department in Oregon responds to:

**A fire every 45 minutes**

**A structure fire every 2 hours, 19 minutes**

**A house fire every 3 hours, 8 minutes**

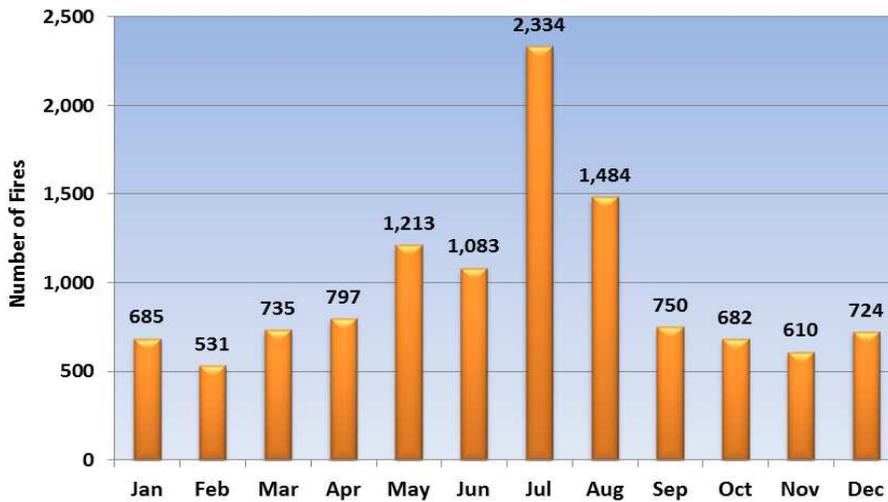
**A vehicle fire every 5 hours, 51 minutes**

**An outside fire every 1 hour, 29 minutes**

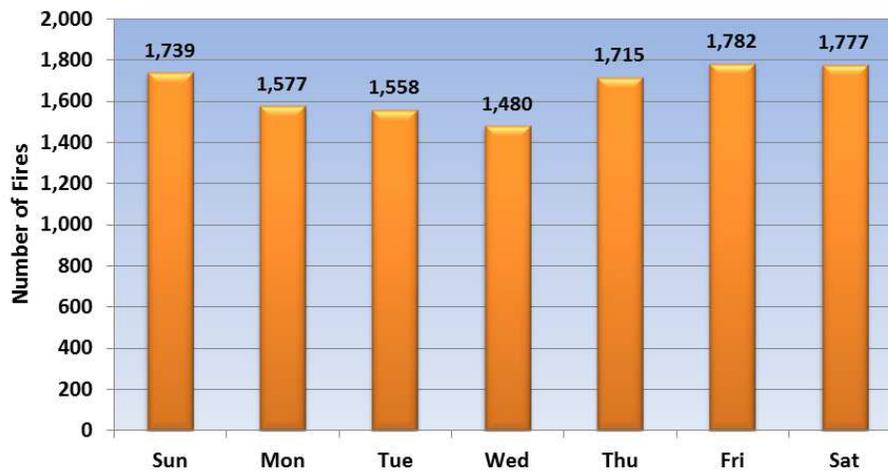
On average, fires in Oregon resulted in:  
estimated property loss of **\$404,427** every day  
one civilian death every **9.9 days**  
one civilian injury every **38.4 hours**  
one firefighter injury every **3.0 days**

# Chronological Breakdown of All Oregon Fires

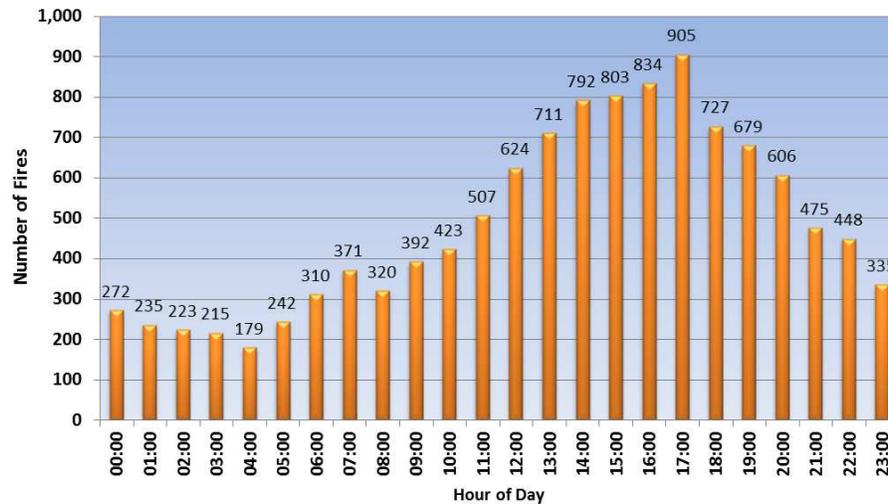
## 2013 Oregon Fires by Month



## 2013 Oregon Fires by Day of Week



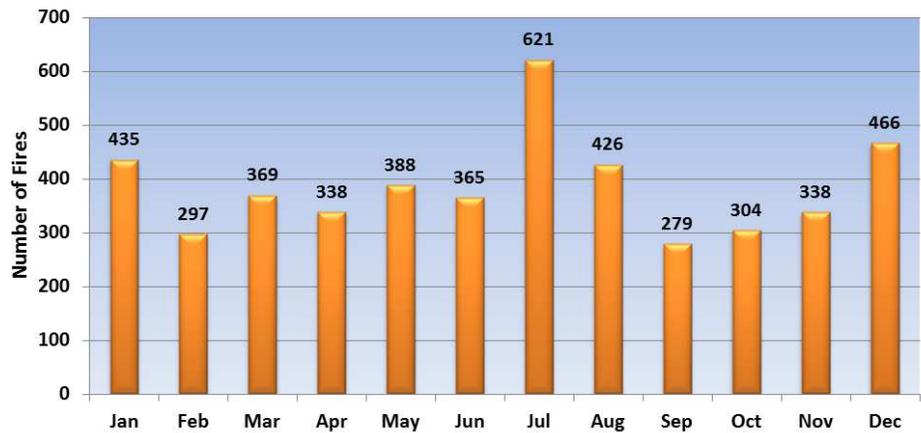
## 2013 Oregon Fires by Hour of Day



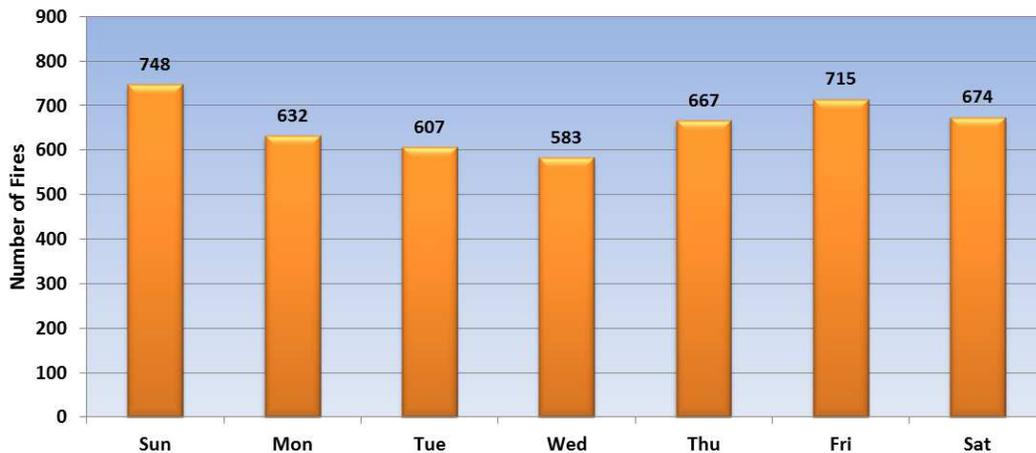
# Chronological Residential Fire Breakdown

Residential fires in this section include: single family detached homes, manufactured homes, mobile homes not in transit, apartments, condos, townhouses, row houses, residential hotels, boarding houses, shelters, long term care facilities, halfway houses, sorority and fraternity houses, barracks, dormitories, and bunk houses.

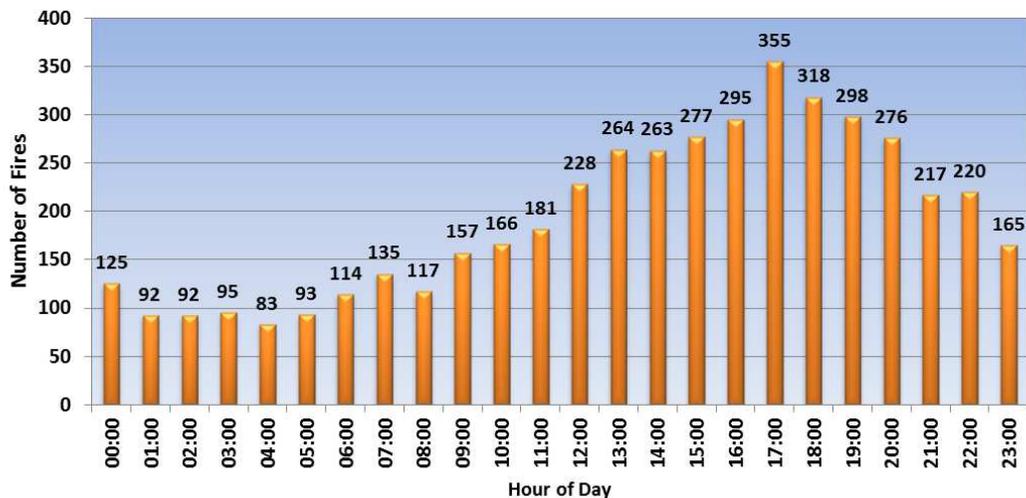
### 2013 Oregon Residential Fires by Month



### 2013 Oregon Residential Fires by Day of Week



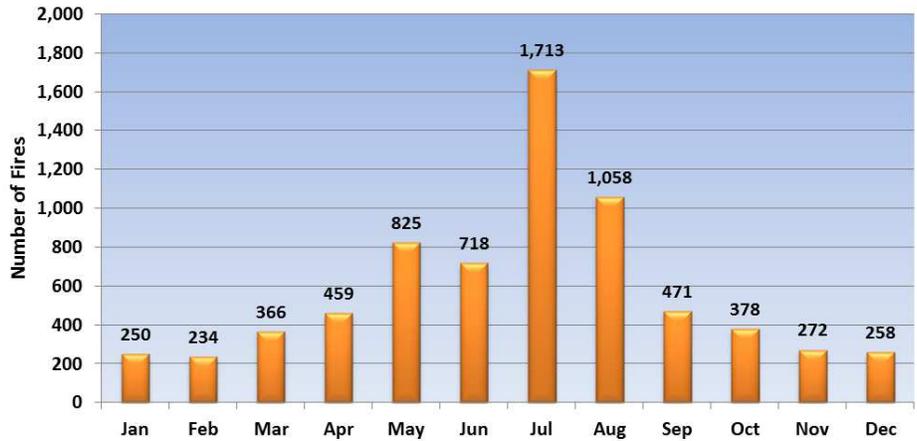
### 2013 Oregon Residential Fires by Hour of Day



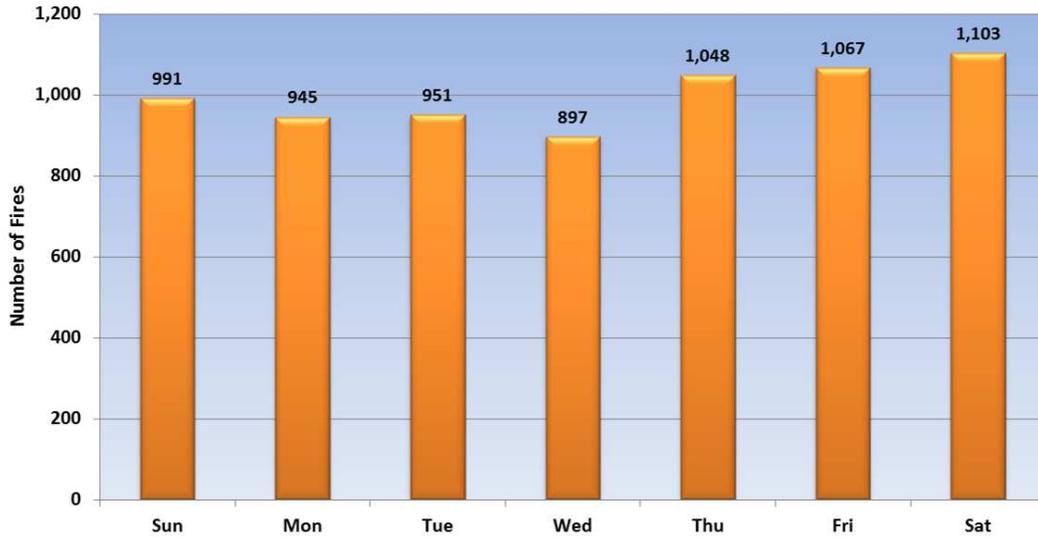
# Chronological Non-Residential Fire Breakdown

Non-Residential fires in this section include all property use types not identified as residential on the previous page.

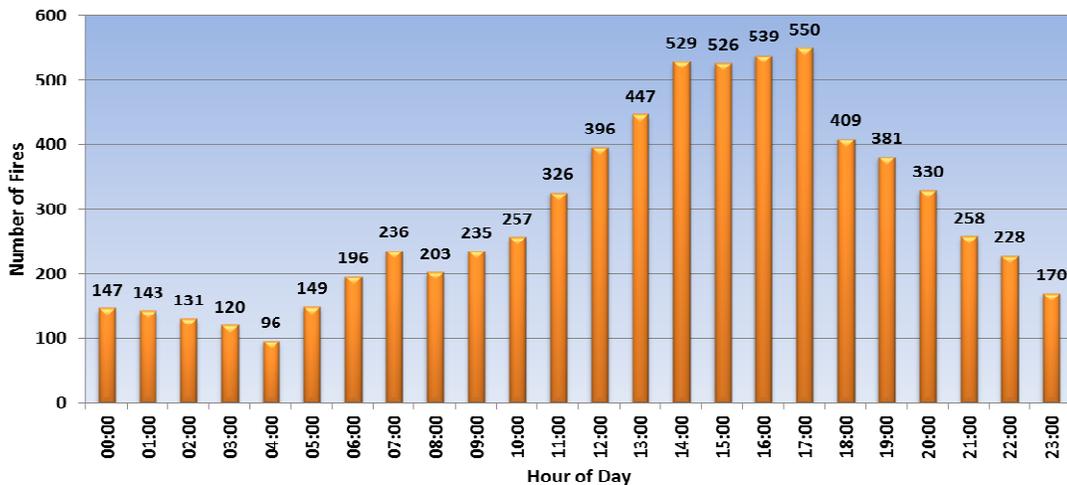
### 2013 Oregon Non-Residential Fires by Month



### 2013 Oregon Non-Residential Fires by Day of Week



### 2013 Oregon Non-Residential Fires by Hour of Day



## Fire Causes

Causal information is based on the hierarchy methodology used by the U.S. Fire Administration to identify fire causes using NFIRS data. The following chart demonstrates the overall causes of fires in Oregon for 2013.

<b>Causes of Fires in 2013</b>	<b>Fires</b>	<b>%</b>
Smoking	1,414	12.2%
Intentional	1,325	11.4%
Other Unintentional	1,122	9.6%
Other Hot Object	931	8.0%
Cooking	572	4.9%
Heating	564	4.9%
Other Open Flame, Spark	500	4.3%
Equipment Failure, Malfunction	499	4.3%
Heat Source or Product Misuse	449	3.9%
Investigation with Arson Module	371	3.2%
Electrical Distribution	281	2.4%
Open Fire	197	1.7%
Unclassified Electrical Malfunction	178	1.5%
Natural	162	1.4%
Equipment Operation Deficiency	121	1.0%
Fireworks	112	1.0%
Special Equipment	102	0.9%
Friction, Hot Material	86	0.7%
Natural Condition, Other	82	0.7%
Candles	71	0.6%
Air Conditioning	63	0.5%
Ember, Rekindle	58	0.5%
Playing with Heat Source (Children Playing and Other Playing)	53	0.5%
Appliances	41	0.4%
Torches	31	0.3%
Matches	31	0.3%
Explosives	25	0.2%
Processing Equipment	24	0.2%
Unclassified Fuel-Powered Equipment	7	0.1%
Unclassified Equipment with Other Unknown Fuel Source	4	0.0%
Service Equipment	1	0.0%
Vehicle, Engine	1	0.0%
Unknown	2,150	18.5%
<b>Total Fires in Oregon 2013</b>	<b>11,628</b>	<b>100.0%</b>

Exposure Fires	419
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## Year to Year Comparison of Type of Fires

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### Structure Fires - 32.5% of all fires in 2013

	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Total Structure Fires	3,619	3,823	3,838	3,780
Civilian Deaths	11	32	19	33
Civilian Injuries	191	187	243	179
Fire Service Injuries	80	82	59	99
Property Damage in millions	\$112.7	\$102.5	\$128.1	\$147.6

### Vehicle Fires - 12.8% of all fires in 2013

	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Total Vehicle Fires	1,629	1,582	1,472	1,497
Civilian Deaths	6	5	2	2
Civilian Injuries	32	15	11	15
Fire Service Injuries	7	1	5	4
Property Damage in millions	\$8.2	\$10.8	\$9.0	\$15.2

### Outside Fires - 51.1% of all fires in 2013

	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Total Outside Fires	4,303	4,690	5,471	5,937
Civilian Deaths	1	1	0	1
Civilian Injuries	11	12	17	15
Fire Service Injuries	6	5	7	14
Property Damage in millions	\$2.3	\$1.5	\$9.0	\$3.3

### Other Fires - 3.6% of all fires in 2013

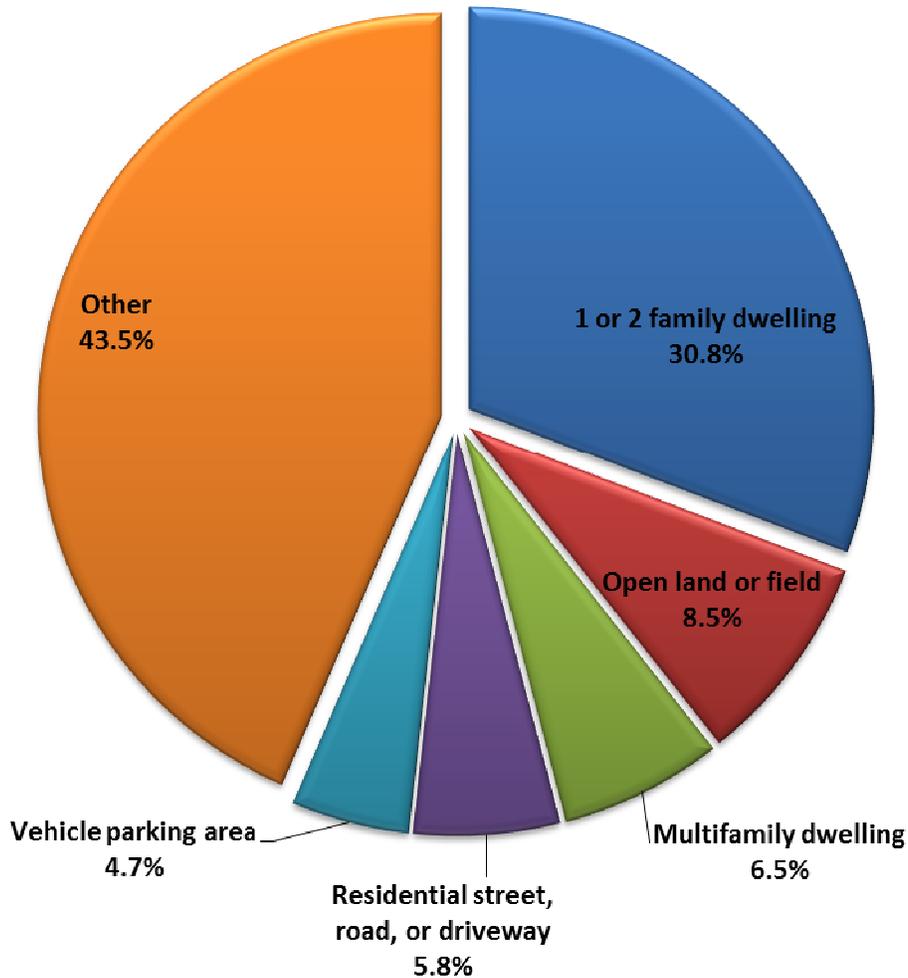
	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Total Other Fires	526	489	426	414
Civilian Deaths	6	0	0	1
Civilian Injuries	18	9	27	19
Fire Service Injuries	2	1	0	3
Property Damage in millions	\$1.3	\$1.7	\$2.7	\$2.6

Dollar amounts are estimates made by on-scene firefighters and are not actual insurance totals.

## Fires by Property Use

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### 2013 Fires in Oregon Top 5 Property Uses

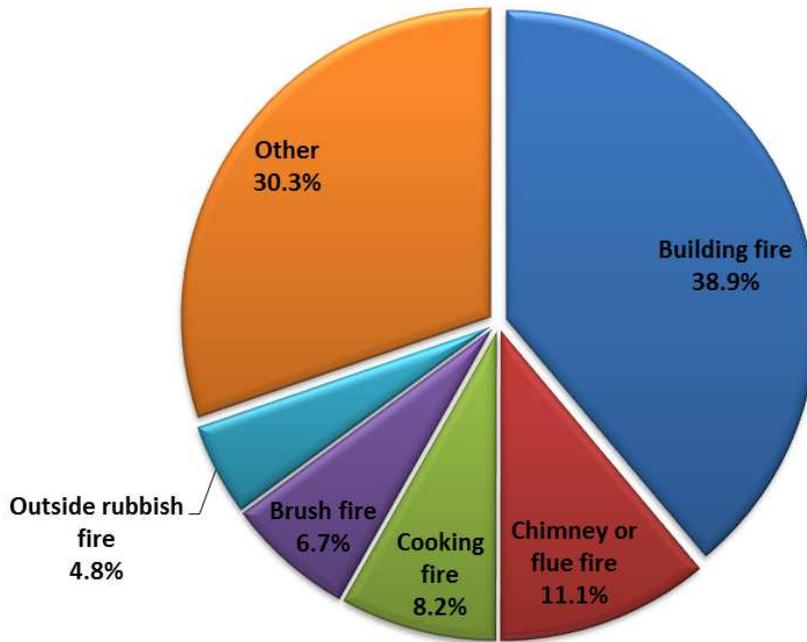


Property Use	Count	%
1 or 2 family dwelling	3,584	30.8%
Open land or field	994	8.5%
Multifamily dwelling	761	6.5%
Residential street, road, or driveway	678	5.8%
Vehicle parking area	548	4.7%
Other	5,063	43.5%
<b>Total Fires</b>	<b>11,628</b>	<b>100.0%</b>

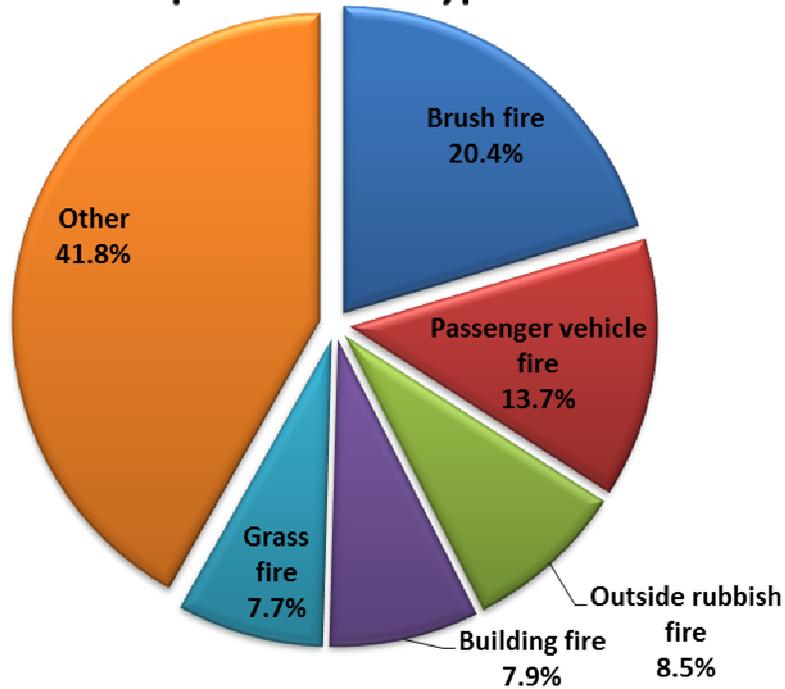
# Fires by Property Use

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## 2013 Oregon Residential Fires Top 5 Incident Types



## 2013 Oregon Non-Residential Fires Top 5 Incident Types



# RESIDENTIAL STRUCTURE FIRES

Home structure fires in this section include only houses and apartments (single or multi-family dwellings) and not other types of residential structures.

## Oregon Home Structure Fire Loss by County - 2013

County	Fires	Estimated Loss Total
BAKER	22	\$ 633,700
BENTON	53	\$ 463,710
CLACKAMAS	216	\$ 5,805,261
CLATSOP	33	\$ 246,111
COLUMBIA	80	\$ 1,477,920
COOS	36	\$ 1,035,770
CROOK	15	\$ 1,376,000
CURRY	20	\$ 184,665
DESCHUTES	116	\$ 2,321,370
DOUGLAS	53	\$ 905,088
GILLIAM	4	\$ 267,000
GRANT	5	\$ 540,250
HARNEY	7	\$ 25,500
HOOD RIVER	10	\$ 116,000
JACKSON	170	\$ 4,521,749
JEFFERSON	32	\$ 210,889
JOSEPHINE	74	\$ 1,553,275
KLAMATH	68	\$ 2,353,395
LAKE	18	\$ 48,506
LANE	218	\$ 7,409,528
LINCOLN	54	\$ 3,145,700
LINN	101	\$ 2,922,685
MALHEUR	30	\$ 1,234,080
MARION	234	\$ 7,510,935
MORROW	10	\$ 266,500
MULTNOMAH	544	\$ 15,638,787
POLK	26	\$ 149,050
SHERMAN	1	\$ 10,000
TILLAMOOK	31	\$ 935,836
UMATILLA	61	\$ 1,813,825
UNION	16	\$ 27,950
WALLOWA	8	\$ 2,300
WASCO	10	\$ 185,250
WASHINGTON	366	\$ 6,357,707
WHEELER	0	\$ -
YAMHILL	62	\$ 1,156,300
<b>Total</b>	<b>2,804</b>	<b>\$ 72,852,592</b>

Dollar amounts are estimates made by on-scene firefighters and are not actual insurance totals.

## Residential Structure Fires - Causes

Causal information is based on the hierarchy methodology used by the U.S. Fire Administration to identify fire causes using NFIRS data. The following chart demonstrates the causes of home structure fires in Oregon for 2013.

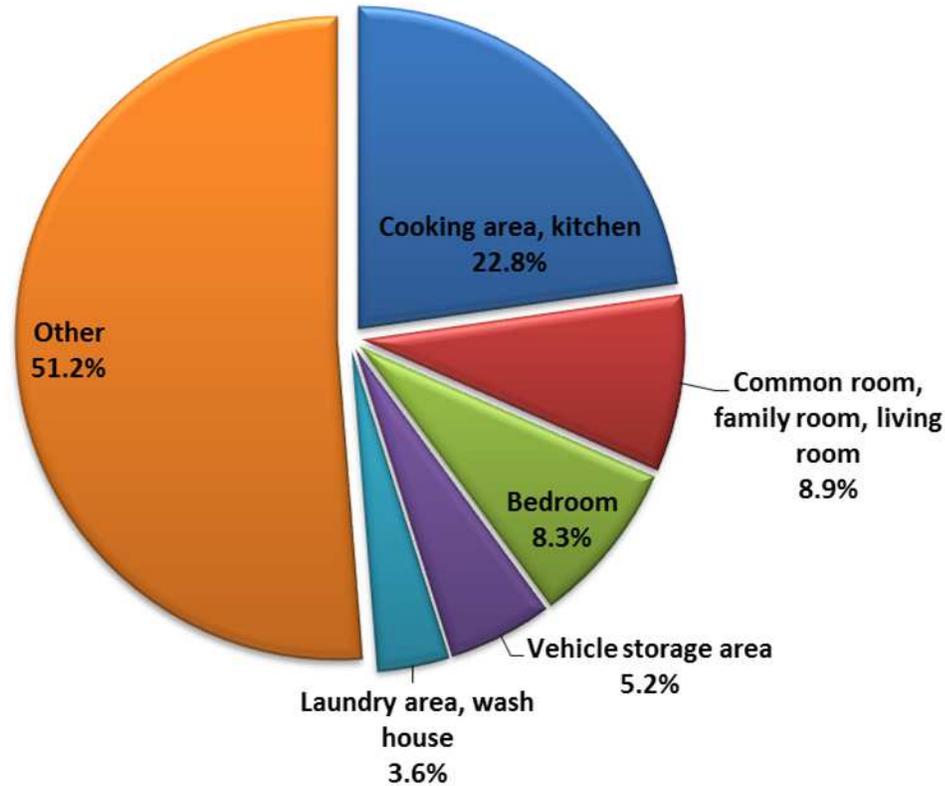
Causes of Home Structure Fires in 2013	Fires	%
Heating	477	17.0%
Cooking	424	15.1%
Other Hot Object	261	9.3%
Unknown	227	8.1%
Other Unintentional	191	6.8%
Smoking	168	6.0%
Intentional	162	5.8%
Other Open Flame, Spark	157	5.6%
Electrical Distribution	114	4.1%
Investigation with Arson Module	113	4.0%
Heat Source or Product Misuse	100	3.6%
Equipment Failure, Malfunction	79	2.8%
Unclassified Electrical Malfunction	65	2.3%
Equipment Operation Deficiency	59	2.1%
Candles	50	1.8%
Air Conditioning	36	1.3%
Appliances	24	0.9%
Playing with Heat Source (Children Playing and Other Playing)	17	0.6%
Natural	17	0.6%
Special Equipment	16	0.6%
Open Fire	9	0.3%
Friction, Hot Material	8	0.3%
Ember, Rekindle	8	0.3%
Fireworks	5	0.2%
Matches	5	0.2%
Natural Condition, Other	5	0.2%
Explosives	3	0.1%
Unclassified Equipment with Other Unknown Fuel Source	2	0.1%
Processing Equipment	1	0.0%
Torches	1	0.0%
Service Equipment	0	0.0%
Vehicle, Engine	0	0.0%
Unclassified Fuel-Powered Equipment	0	0.0%
<b>Total Home Structure Fires</b>	<b>2,804</b>	<b>100.0%</b>

Exposure Fires	115
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## Residential Structure Fires - Area of Origin

Points of Origin for residential structure fires with the percentage and estimated loss amounts of fires starting in each location.

### 2013 Home Structure Fire Top 5 Areas of Origin



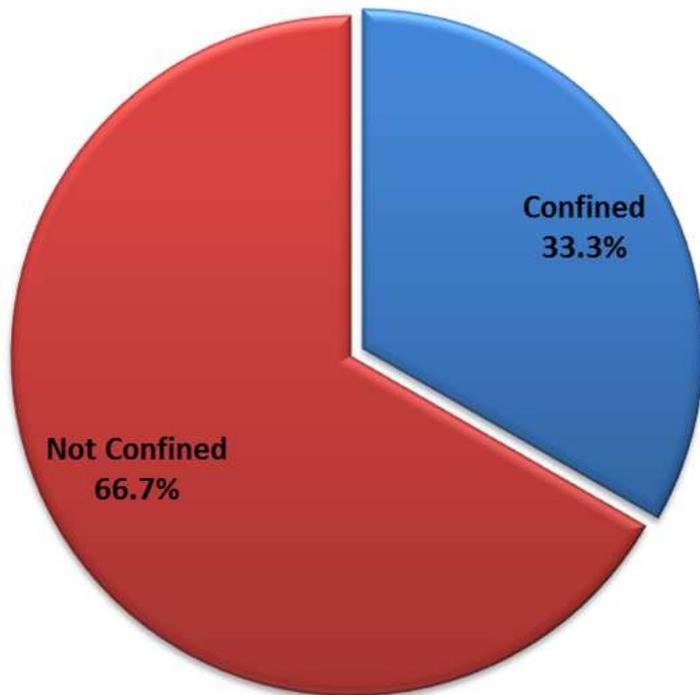
Area of Origin	# of Fires	Dollar Loss
Kitchen	638	\$7,379,263
Living Room	249	\$6,069,139
Bedroom	232	\$10,720,831
Vehicle Area	147	\$5,941,327
Laundry Area	101	\$1,246,315
Other	1,437	\$41,495,717

Dollar amounts are estimates made by on-scene firefighters and are not actual insurance totals.

## Residential Structure Fires - Confined

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### 2013 Home Structure Fires: Confined vs. Non-Confined



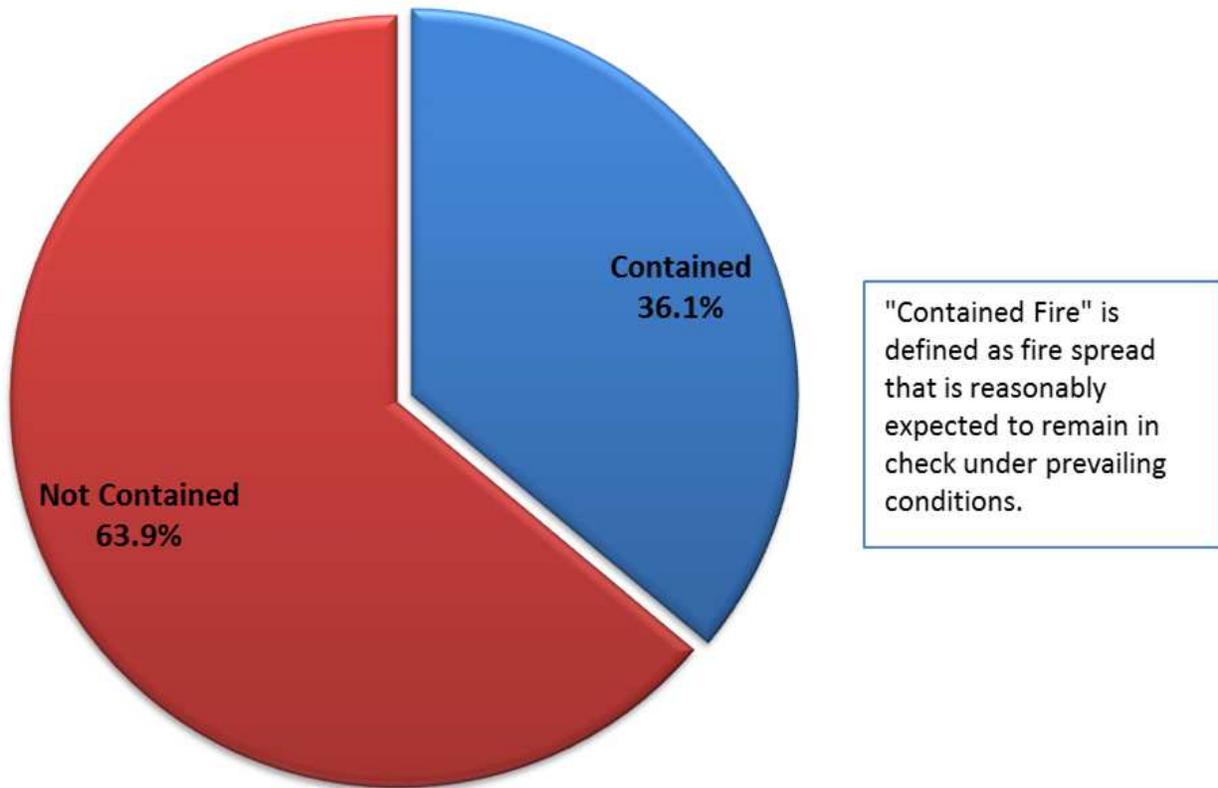
"Confined Fires" are defined as fires where the flame does not extend beyond a non-combustible container. Stove top, trash can, or chimney fires are examples of confined fires.

Incident Type	Fires	%	\$ Loss	\$ Pct.
Confined	934	33.3%	\$ 288,179	0.4%
Not Confined	1,870	66.7%	\$ 72,564,413	99.6%
Total	2,804	100.0%	\$ 72,852,592	100.0%

## Residential Structure Fires - Contained

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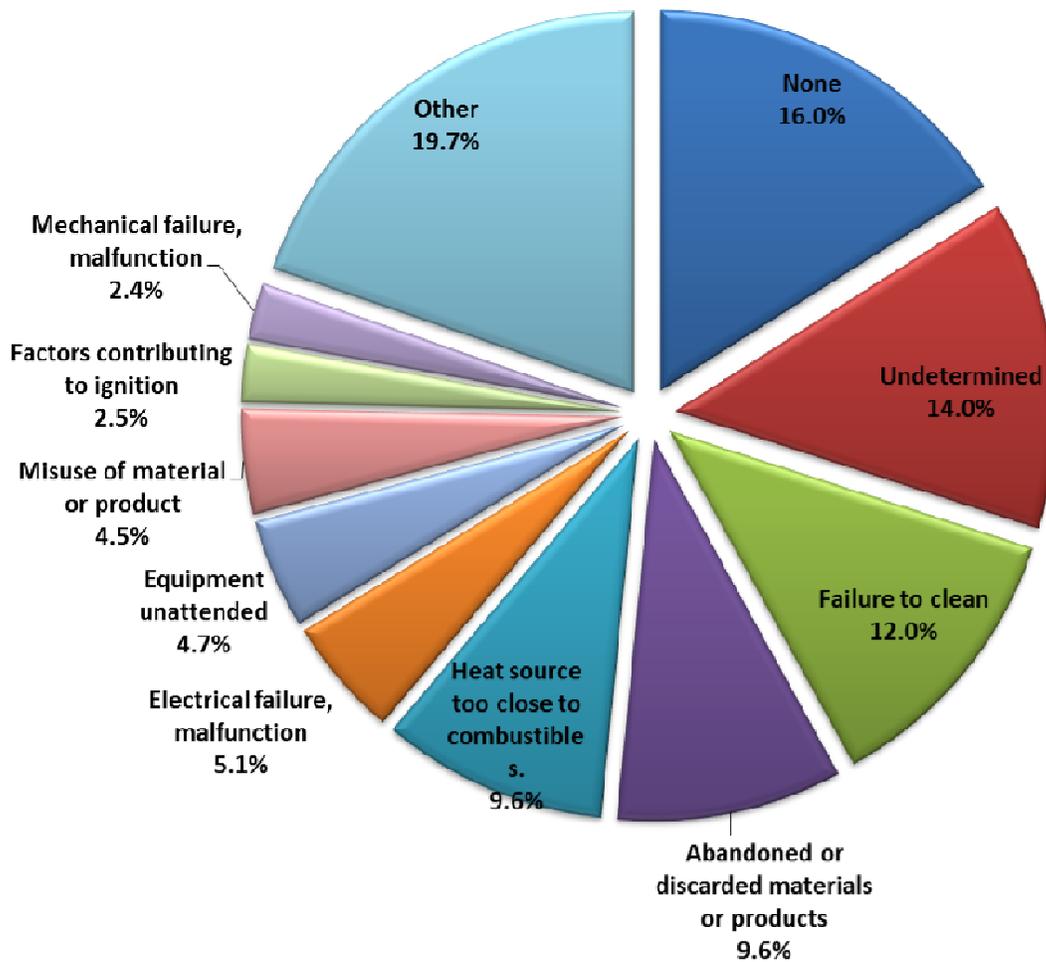
### 2013 Home Structure Fires: Contained vs. Not-Contained



Row Labels	Fires	%	\$ Loss	%
Contained	1,012	36.1%	\$ 1,455,618	2.0%
Not Contained	1,792	63.9%	\$ 71,396,974	98.0%
Total	2,804	100.0%	\$ 72,852,592	100.0%

# Residential Structure Fires - Contributing Factors

## 2013 Home Structure Fire Ignition Factors

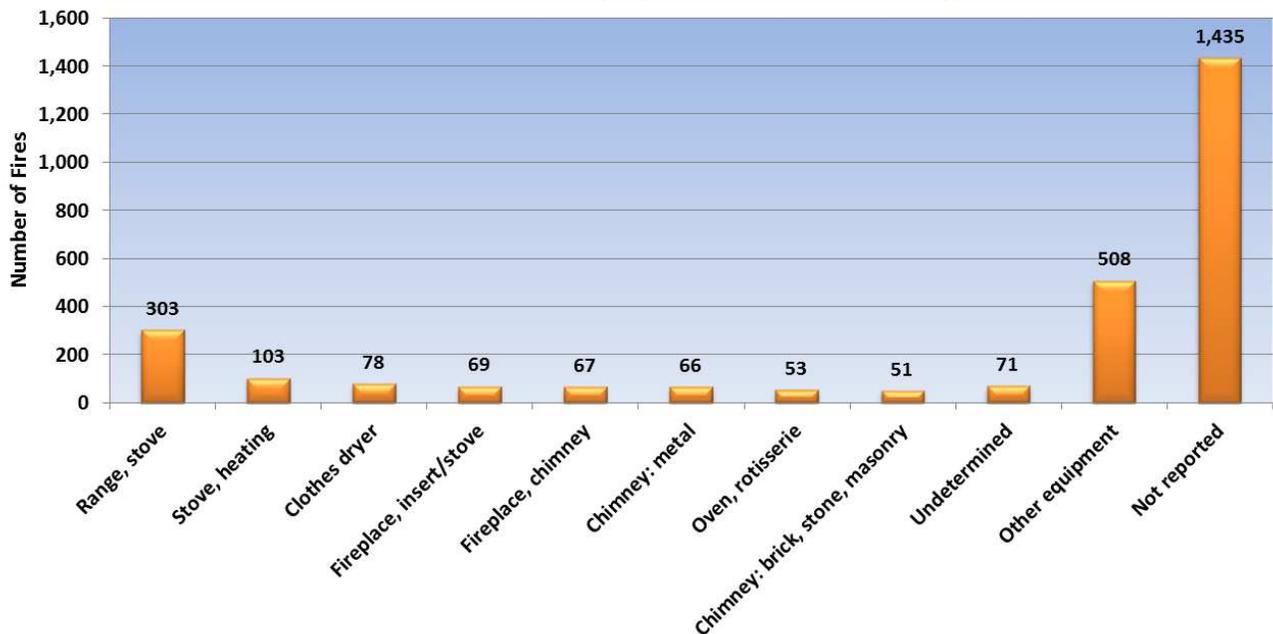


Ignition Factor	Fires	%
None	448	16.0%
Undetermined	393	14.0%
Failure to clean	336	12.0%
Abandoned or discarded materials or products	269	9.6%
Heat source too close to combustibles.	269	9.6%
Electrical failure, malfunction	142	5.1%
Equipment unattended	131	4.7%
Misuse of material or product	125	4.5%
Factors contributing to ignition	70	2.5%
Mechanical failure, malfunction	68	2.4%
Other	553	19.7%
Total	2,804	100.0%

# Residential Structure Fires - Contributing Factors

Human Factors Contributing to Ignition	Fires	%
None	2,420	86.3%
Unattended or unsupervised person	135	4.8%
Asleep	101	3.6%
Possibly impaired by alcohol or drugs	54	1.9%
Age was a factor	32	1.1%
Possibly mentally disabled	29	1.0%
Possible Youth Involvement	13	0.5%
Physically disabled	12	0.4%
Multiple persons involved	8	0.3%
Total	2,804	100.0%

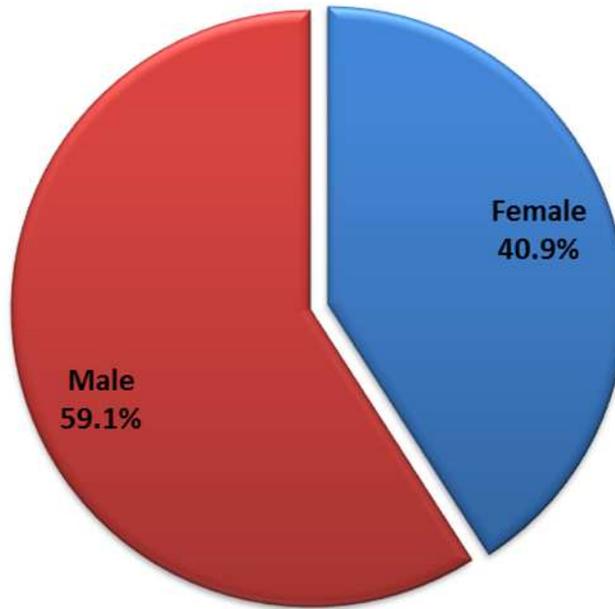
## 2013 Home Structure Fire Equipment Involved in Ignition



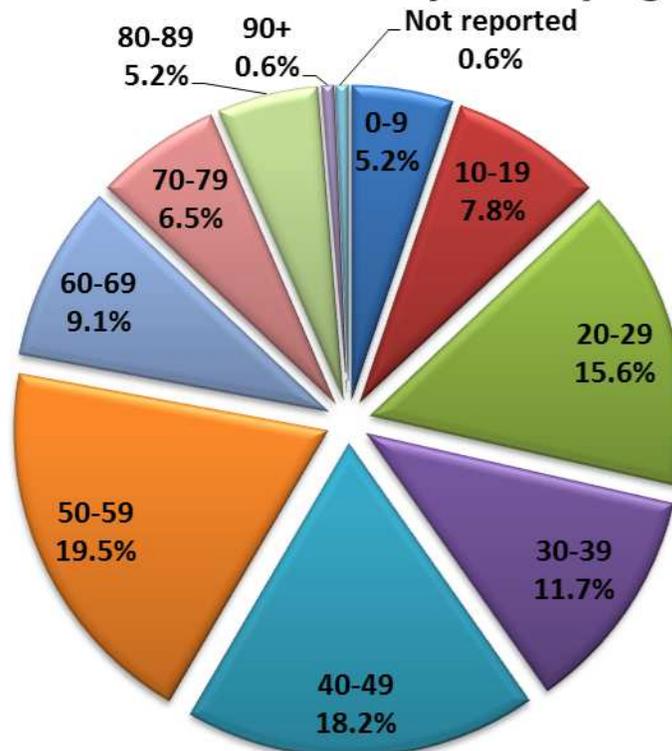
# Residential Structure Fires - Injuries

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## 2013 Home Structure Fire Injuries by Gender



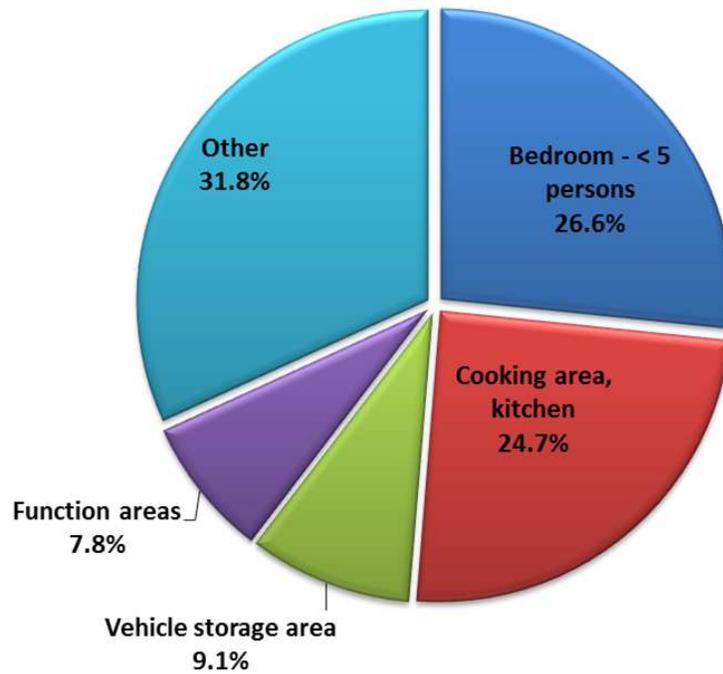
## 2013 Home Structure Fire Injuries by Age Group



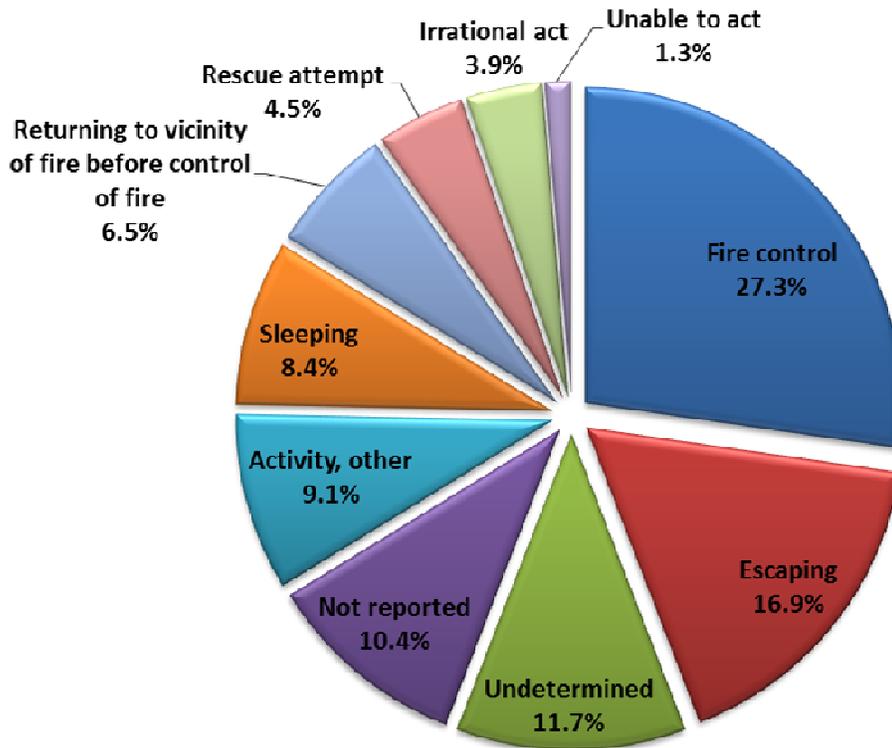
# Residential Structure Fires - Injuries

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## 2013 Home Structure Fire Injuries Top 4 Areas of Origin



## 2013 Home Structure Fire Activity at Time of Injury

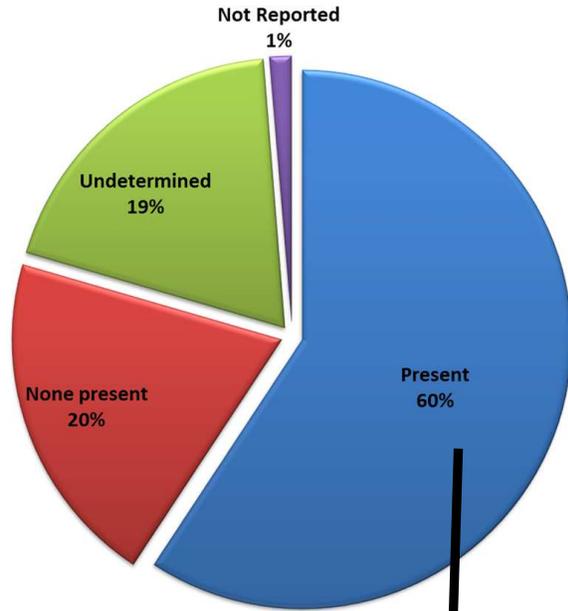


# SMOKE ALARMS & SPRINKLERS

In 2013, 15.4% of all residential structure fires were in homes with no smoke alarm present. These fires were responsible for 4 deaths, 25 injuries, and an estimated \$10.3 million in property damage.

Approximately half of all residential fires in 2013 were reported as occurring in areas not designed for smoke alarms to monitor, such as porches, patios, out buildings, power poles, and roofs. They also included fires that were confined such as cooking fires contained in cooking vessels and chimney fires. To provide a better representation of smoke alarm effectiveness, the following charts are based on 1,800 indoor, non-confined residential structure fires which include only houses and apartments (single or multi-family dwellings).

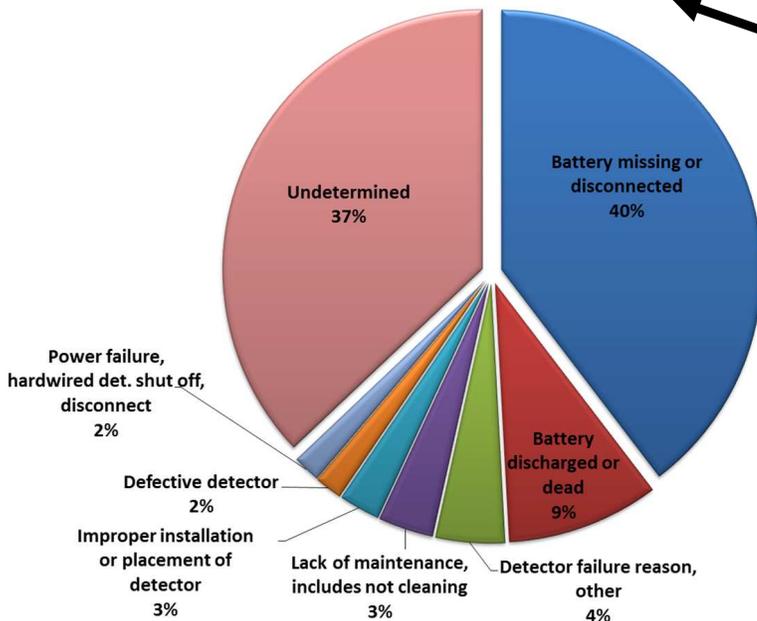
## Smoke Alarm Presence



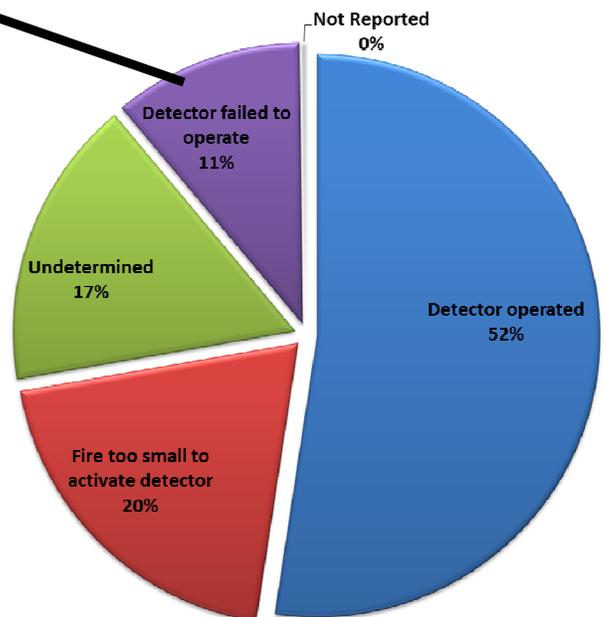
116 houses and apartments had an alarm present that failed to operate in an indoor, unconfined fire.

1,067 houses and apartments had an alarm present.

## Reason for Smoke Alarm Failure

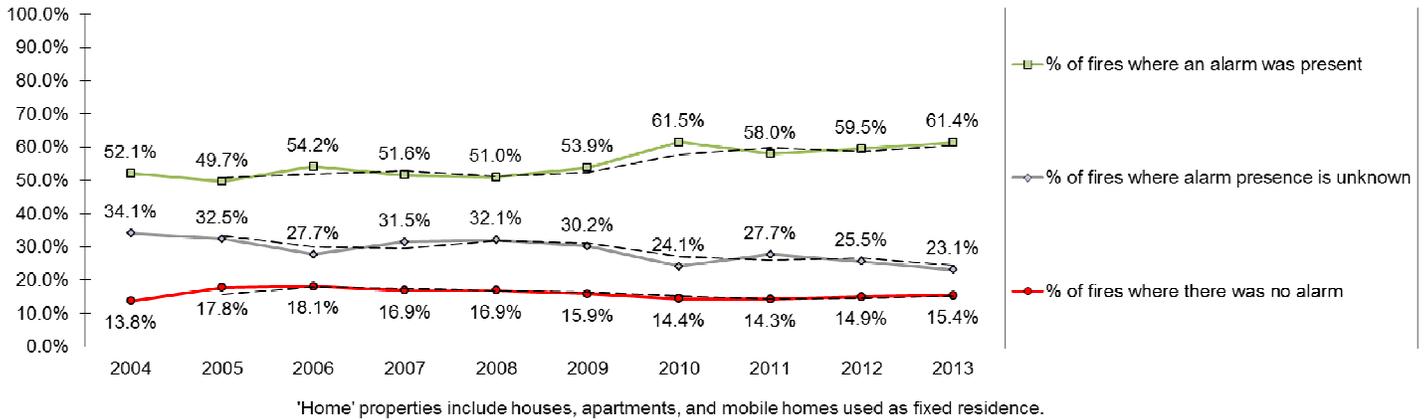


## Smoke Alarm Operation



# Smoke Alarms & Sprinklers

**Smoke Alarm/Detector Presence in Home Structure Fires 2004-2013**

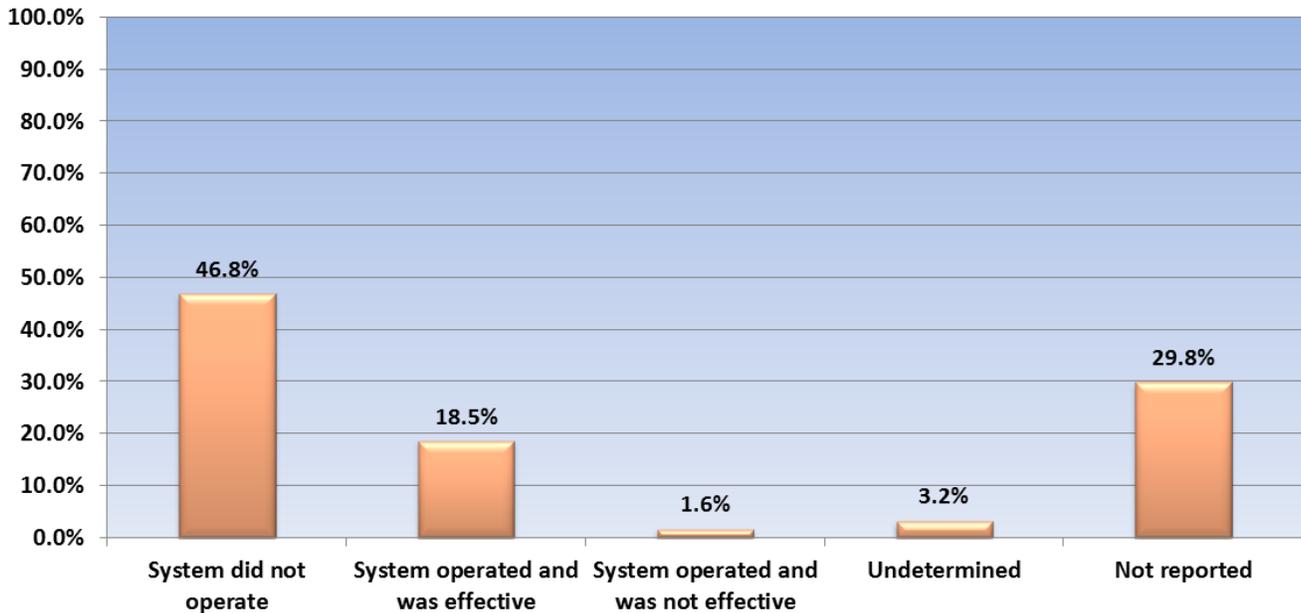


# Automatic Extinguishing (Sprinkler) Systems

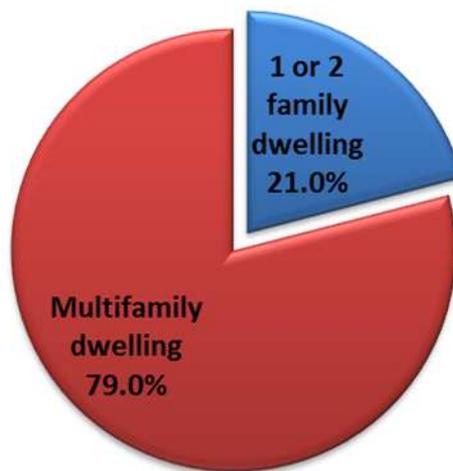
## Sprinkler Performance

Automatic extinguishing systems were present in 4.2% (118) of the 2,804 residential structure fires in Oregon in 2013. The graphs below illustrates how these systems performed in these 118 fires and which type residential properties they were located in.

### 2013 Home Structure Fire Sprinkler Operation



### 2013 Home Structure Fire Property Use with Sprinkler Present



# YOUTH INVOLVED WITH FIRE

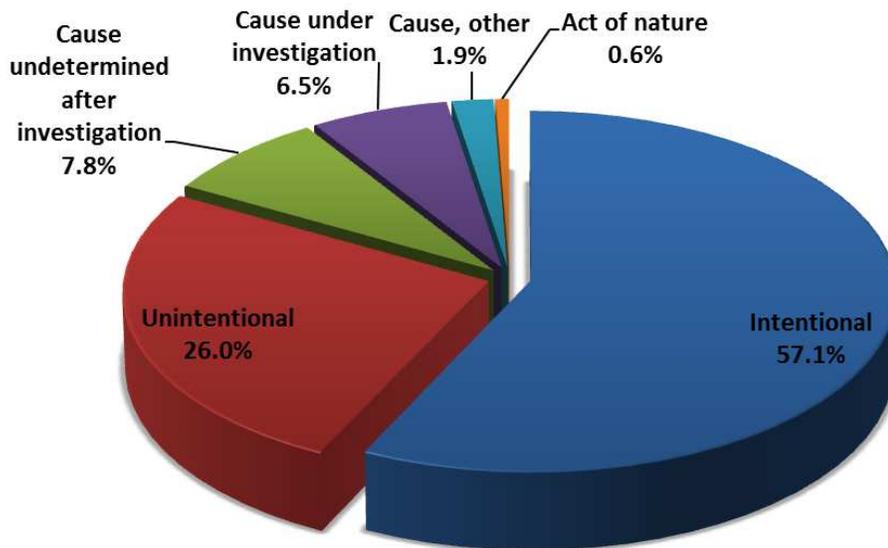
This section pertains to youth involved with fire. Youth are defined as persons under the age of 18. Information pertaining to youth involved with fire incidents are based on NFIRS incident data submitted by local fire agencies. In 2013, there were 154 fires identified as having youth involvement reported to the OSFM.

The following is a year to year comparison of key characteristics of youth involved fires in Oregon.

	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
Total Fires	134	141	156	154
Civilian Deaths	2	2	0	0
Civilian Injuries	2	3	3	7
Property Damage in millions	\$0.24	\$1.11	\$2.37	\$1.04

In 2013, over half (57%) of all fires involving youths were determined to be intentionally set fires.

## 2013 Youth Related Fire Cause

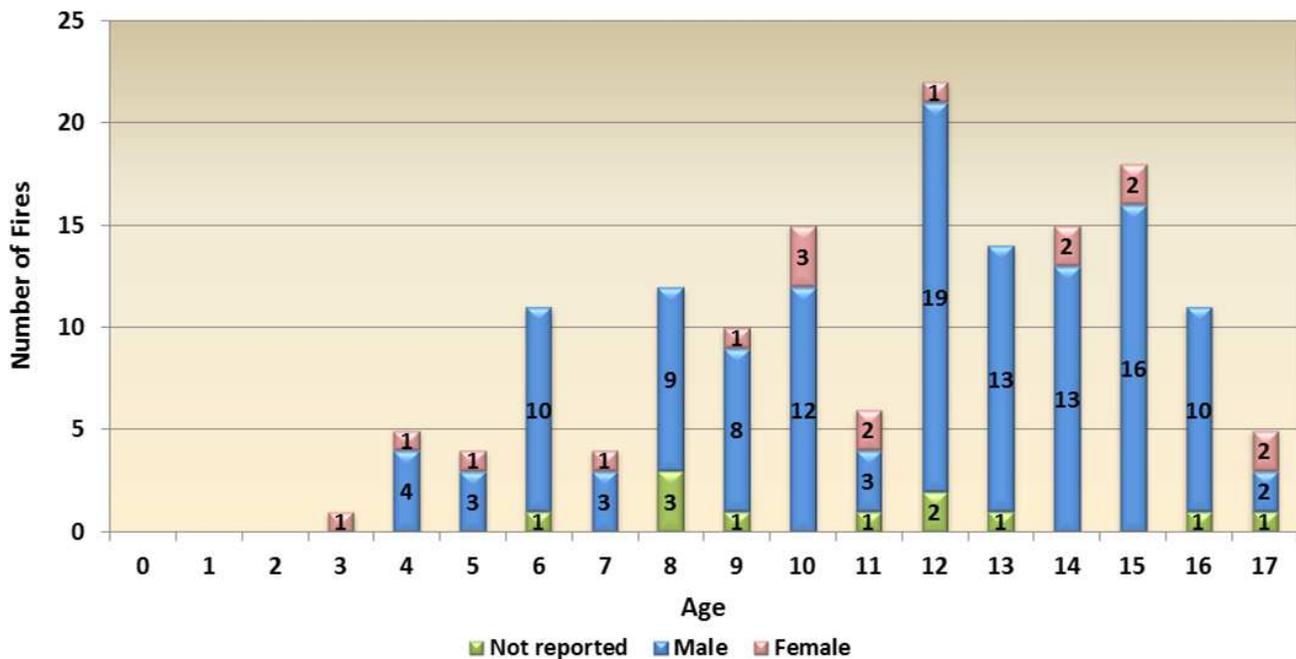


Cause of Ignition	Fires	%
Intentional	88	57.1%
Unintentional	40	26.0%
Cause undetermined after investigation	12	7.8%
Cause under investigation	10	6.5%
Cause, other	3	1.9%
Act of nature	1	0.6%
Total	154	100.0%

## Youth Involved With Fire - Incidents

As identified in the chart below, youths between the ages 10 and 15, accounted for the majority (63%) of youth involved fires. Males were involved in 81% of the fires, while females accounted for 16%. No gender was reported for the remaining 3%.

### 2013 Ages and Gender of Youth Involved with Fire

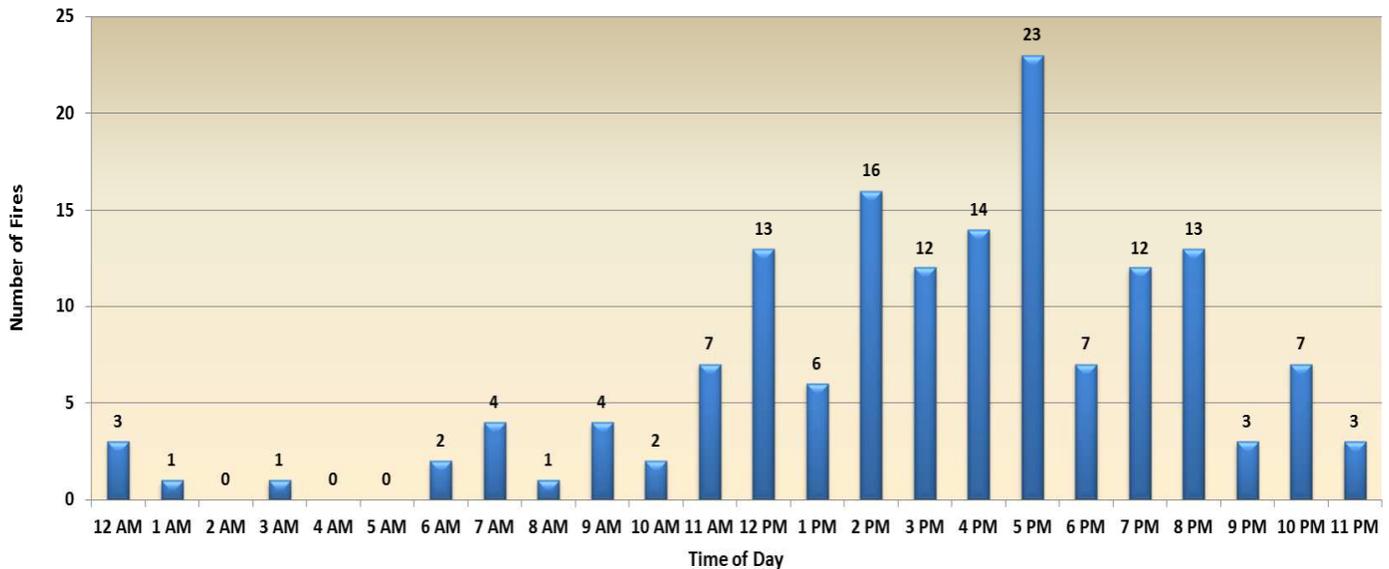


Gender\Age	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Not reported	Total
Female				1	1	1		1		1	3	2	1		2	2		2		17
Male					4	3	10	3	9	8	12	3	19	13	13	16	10	2		125
Not reported							1		3	1		1	2	1			1	1	1	12
Total	0	0	0	1	5	4	11	4	12	10	15	6	22	14	15	18	11	5	1	154

# Youth Involved With Fire - Incidents

The largest percentage (75%) of fire incidents involving youth occur between noon and 8 pm. More specifically, the hours from noon to 8 pm account for 75% of all youth involved fires.

**2013 Fire Incidents Involving Youth by Time of Day**

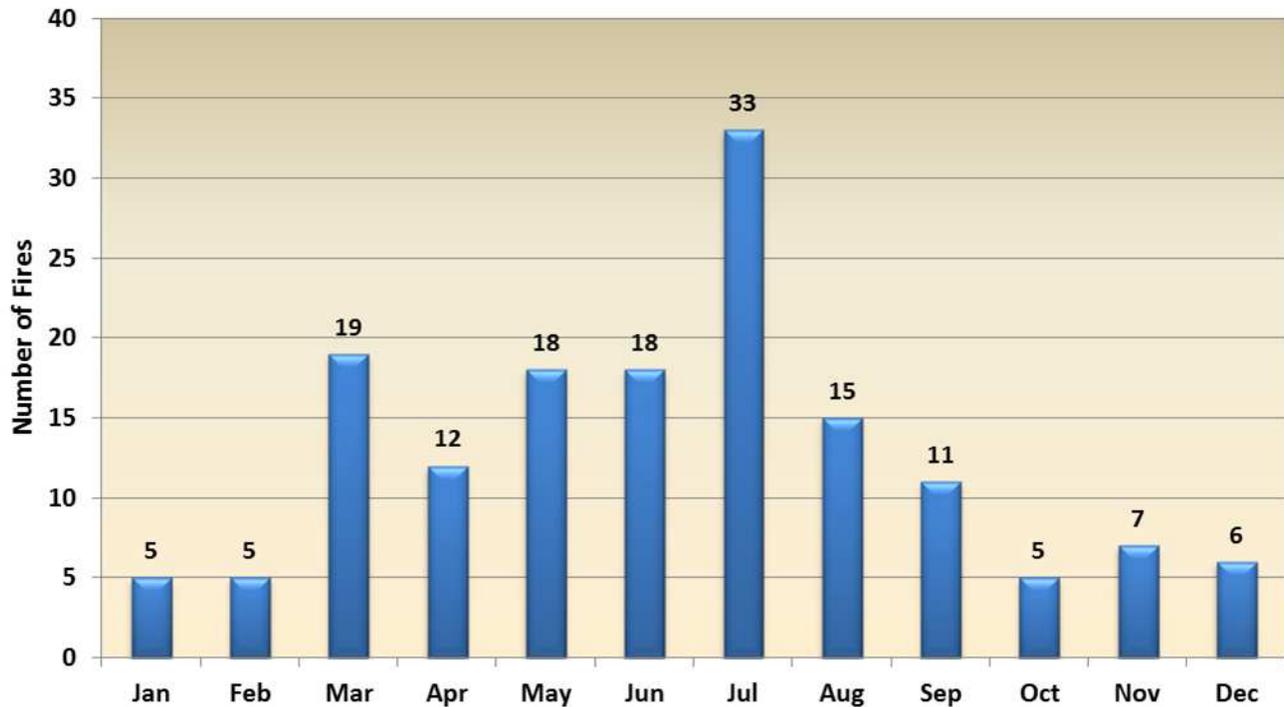


Time of Day	Fires	%	Time of Day	Fires	%
00:00 - 00:59	3	1.9%	12:00 - 12:59	13	8.4%
01:00 - 01:59	1	0.6%	13:00 - 13:59	6	3.9%
02:00 - 02:59	0	0.0%	14:00 - 14:59	16	10.4%
03:00 - 03:59	1	0.6%	15:00 - 15:59	12	7.8%
04:00 - 04:59	0	0.0%	16:00 - 16:59	14	9.1%
05:00 - 05:59	0	0.0%	17:00 - 17:59	23	14.9%
06:00 - 06:59	2	1.3%	18:00 - 18:59	7	4.5%
07:00 - 07:59	4	2.6%	19:00 - 19:59	12	7.8%
08:00 - 08:59	1	0.6%	20:00 - 20:59	13	8.4%
09:00 - 09:59	4	2.6%	21:00 - 21:59	3	1.9%
10:00 - 10:59	2	1.3%	22:00 - 22:59	7	4.5%
11:00 - 11:59	7	4.5%	23:00 - 23:59	3	1.9%
<b>Total</b>			<b>154</b>	<b>100.0%</b>	

## Youth Involved With Fire - Incidents

More than half (54.5%) of youth involved fires occurred during the four-month period of May through August.

### 2013 Fire Incidents Involving Youth by Month

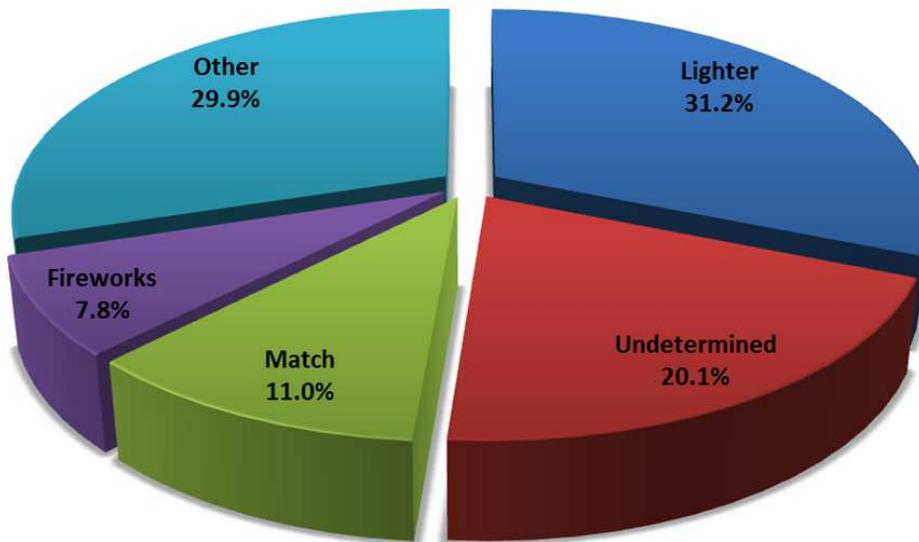


Month	Fires	%
January	5	3.2%
February	5	3.2%
March	19	12.3%
April	12	7.8%
May	18	11.7%
June	18	11.7%
July	33	21.4%
August	15	9.7%
September	11	7.1%
October	5	3.2%
November	7	4.5%
December	6	3.9%
Total	154	100.0%

## Youth Involved With Fire - Incidents

The following charts show the heat sources and top items first ignited by youths. The heat sources and items first ignited are determined by on-scene fire officers or investigators .

### 2013 Top Heat Sources of Youth Involved Fires



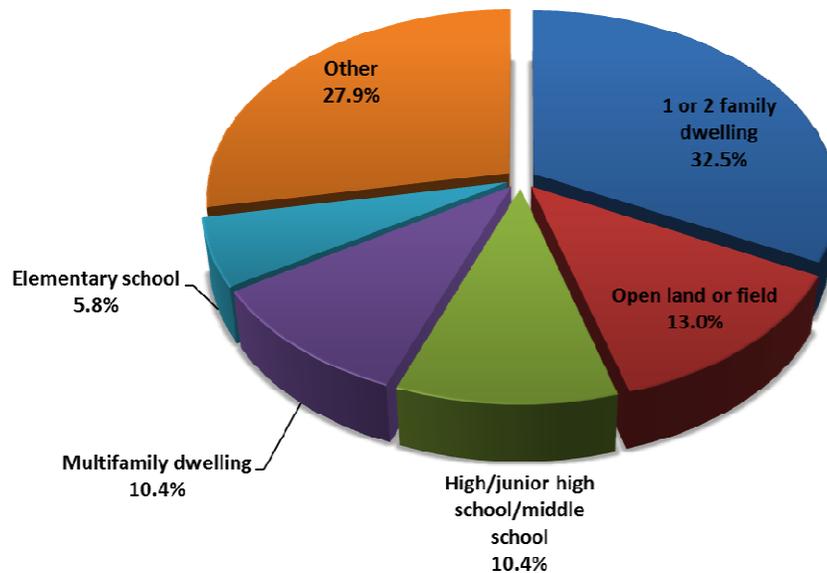
Heat Source	Fires	%
Lighter	48	31.2%
Undetermined	31	20.1%
Match	17	11.0%
Fireworks	12	7.8%
Other	46	29.9%
Total	154	100.0%

Item First Ignited	Fires	%
Light vegetation - not crop	38	24.7%
Rubbish, trash, waste	20	13.0%
Undetermined	17	11.0%
Magazine, newspaper, writing paper	13	8.4%
Bedding; blanket, sheet, comforter	7	4.5%
Organic materials	6	3.9%
Heavy vegetation - not crop	5	3.2%
Rolled, wound material (paper, fabrics)	5	3.2%
Box, carton, bag, basket, barrel	4	2.6%
Chips, including wood chips	3	1.9%
Other	36	23.4%
Total	154	100.0%

## Youth Involved With Fire - Incidents

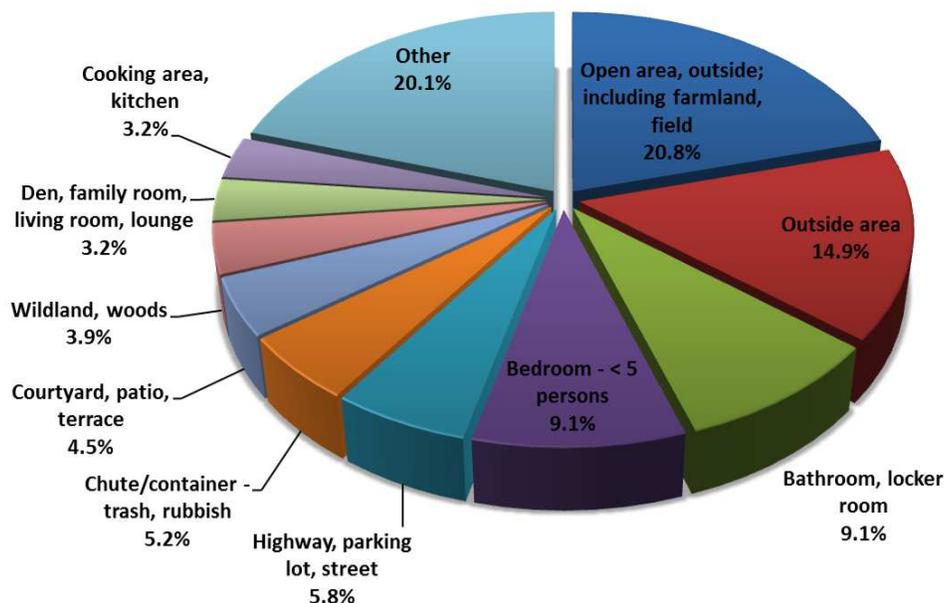
The largest percentage (43%) of all fires involving youths occurred in residential dwellings. The following chart shows the property uses on which fires involving youths started. Property types in the 'Other' category include open land or fields, streets, parking areas, hospitals, crops, orchards, outbuildings, and sheds.

**2013 Fires Involving Youth by Property Use**



Half of all fires involving youths start in outdoor areas, such as fields, forest areas, playgrounds, and courtyards. As indicated in the chart below, the highest percentage of indoor fires originate in bedroom areas.

**2013 Fires Involving Youth by Area of Origin**



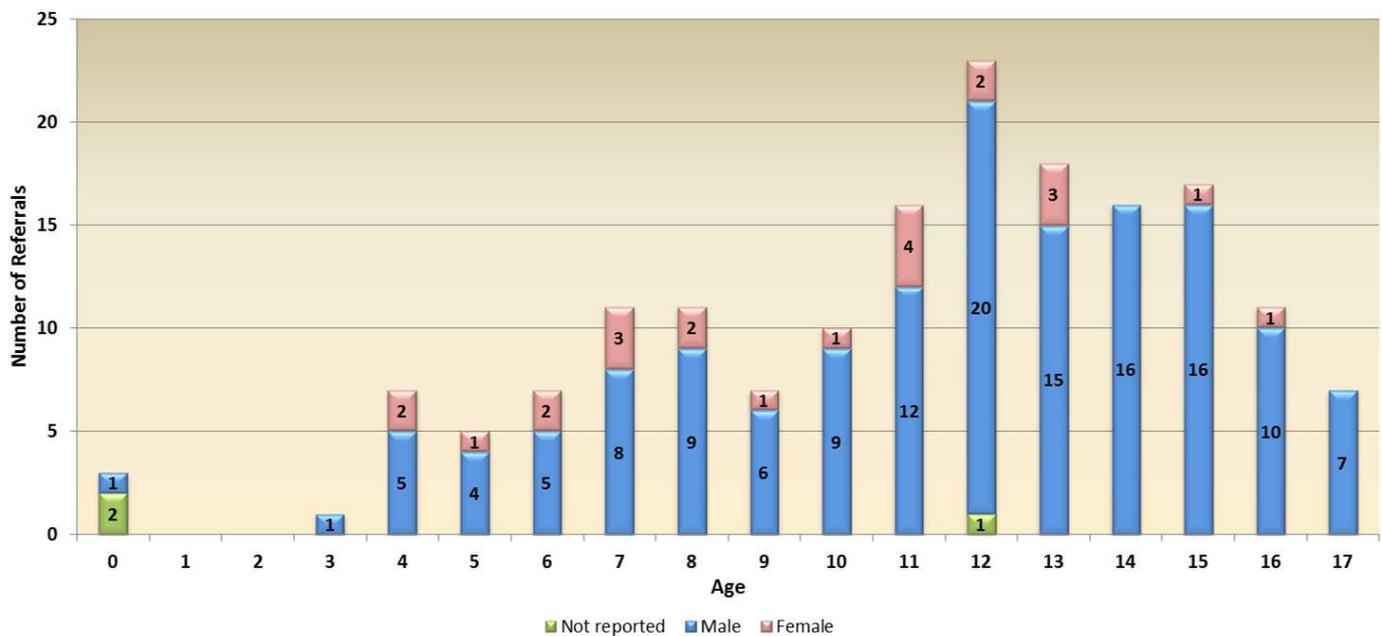
## Youth Involved With Fire - Interventions

In 2013, 170 interventions involving youth were reported to the OSFM. It is important to note that not every fire involving a youth necessarily results in an intervention. Conversely, interventions may occur without a response from a local fire agency.

OSFM's transition to a new online reporting system resulted in a decrease of fire agencies and other entities reporting youth misusing fire to the state office. Strategies to address this have been identified and are being implemented.

The following information includes data exclusively from the youth involved with fire module in the Oregon Fire Bridge™.

**2013 Ages and Gender of Youth Involved with Fire**



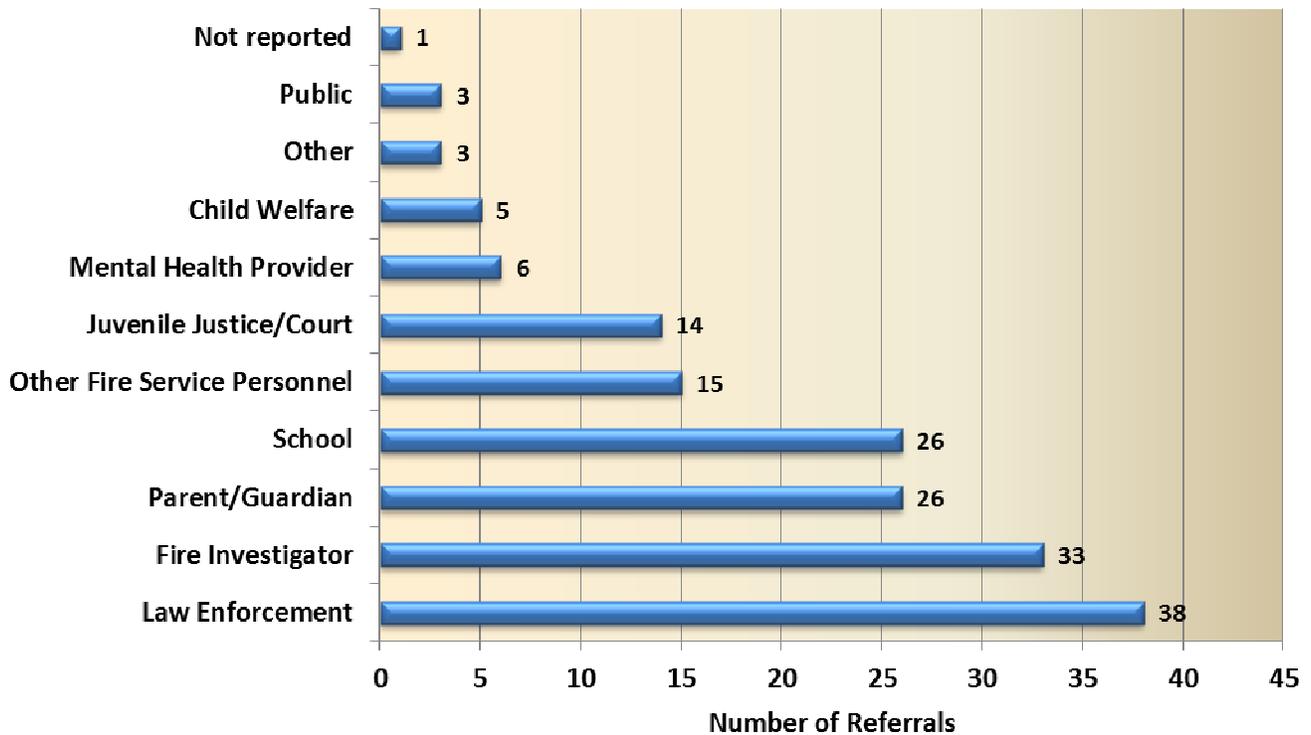
Gender\Age	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Total
Female					2	1	2	3	2	1	1	4	2	3		1	1		23
Male	1			1	5	4	5	8	9	6	9	12	20	15	16	16	10	7	144
Not reported	2												1						3
Total	3	0	0	1	7	5	7	11	11	7	10	16	23	18	16	17	11	7	170

This graph indicates the majority of youths involved in misusing fire are ages 11-15. Determining their ages helps establish a target group for prevention and intervention programs.

## Youth Involved With Fire - Interventions

Youth misusing fire are referred through a number of community partners or their parents. This graph demonstrates the variety of disciplines involved in ensuring the continuum of care.

### 2013 Sources of Youth Referrals to the Fire Service

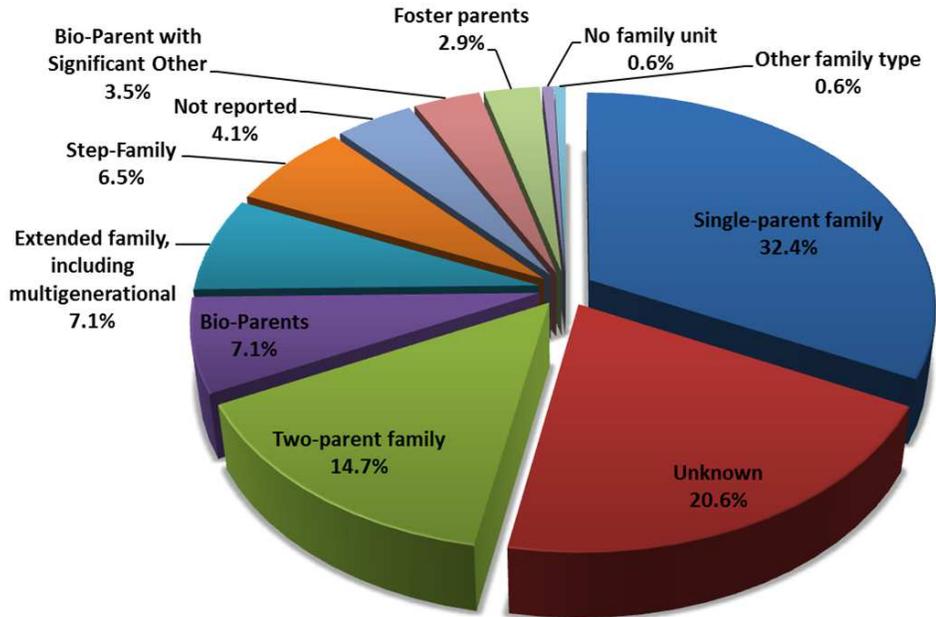


Referral Source	Fires	%
Law Enforcement	38	22.4%
Fire Investigator	33	19.4%
Parent/Guardian	26	15.3%
School	26	15.3%
Other Fire Service Personnel	15	8.8%
Juvenile Justice/Court	14	8.2%
Mental Health Provider	6	3.5%
Child Welfare	5	2.9%
Other	3	1.8%
Public	3	1.8%
Not reported	1	0.6%
<b>Total</b>	<b>170</b>	<b>100.0%</b>

# Youth Involved With Fire - Interventions

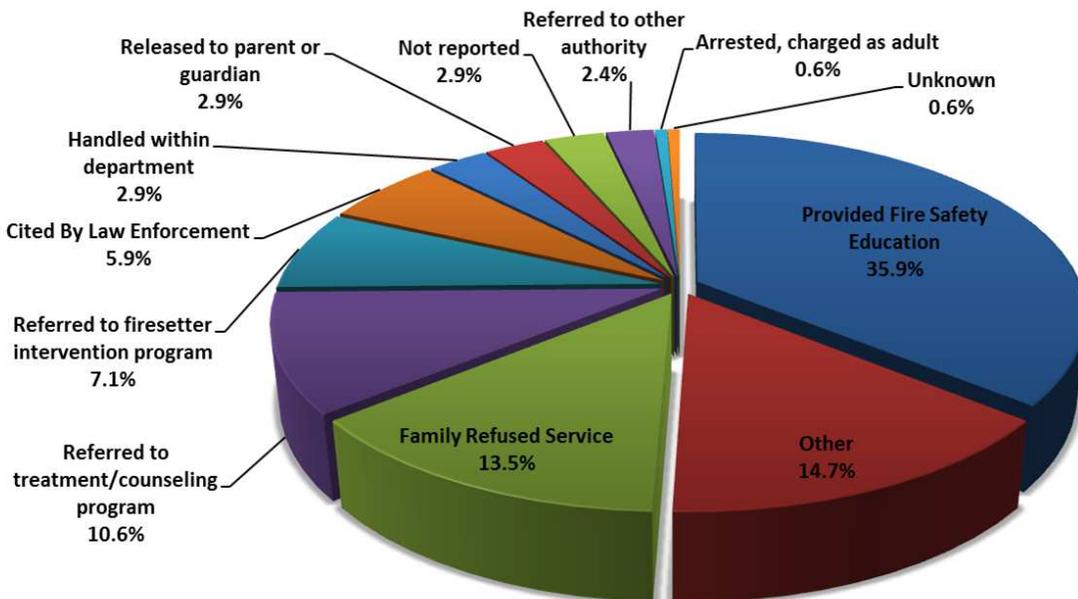
There are many combinations of family units in today's society. In 2013, of the 170 reported youth involved with fire, the largest percentage (41%) of youths misusing fire lived in family combinations where two adults were in the home.

**2013 Family Types of Youth Involved with Fire**



A youth coming to the attention of a fire department often receives several different interventions. This chart details the number of youths involved with fire that were seen by fire departments and referred for further evaluation and community services.

**2013 Intervention Resources Used**



# Youth Involved With Fire - Interventions

By the time a youth is referred to the fire department for intervention, or a fire has gotten out of control, a history of misusing fire has already been established. Thirty four percent of youth interventions in 2013 indicated prior experiences with fire. These youths reported a total of 182 fire experiences.

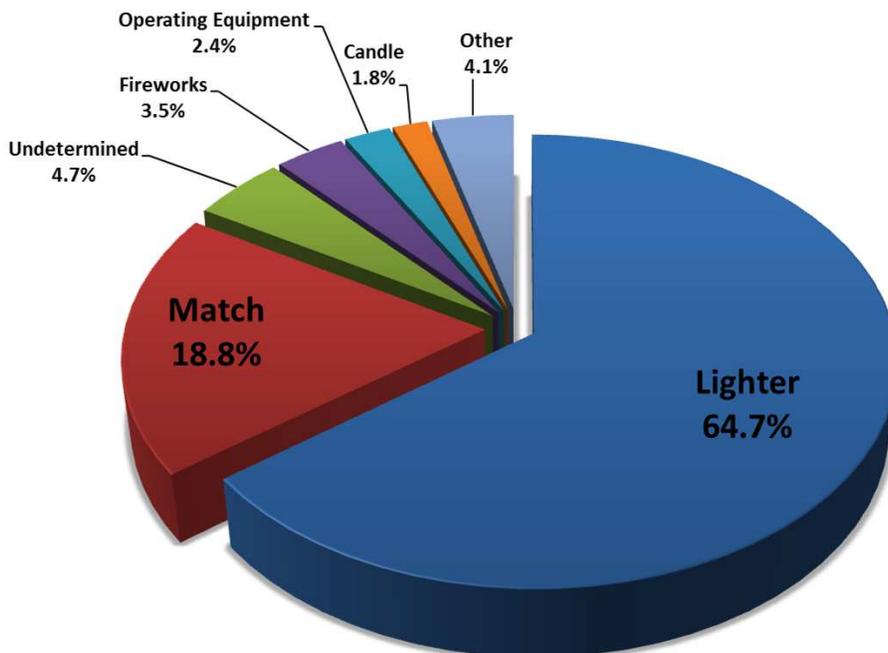
Previous Fires Set	# of Youth	%
None	96	56.5%
1	19	11.2%
2	11	6.5%
3	10	5.9%
4	7	4.1%
5	6	3.5%
6	1	0.6%
7	1	0.6%
10	1	0.6%
15	2	1.2%
Not reported	16	9.4%
<b>Total</b>	<b>170</b>	<b>100.0%</b>

There were 22 reported instances in which a youth used an accelerant to start a fire. The following is a breakdown of those accelerants.

Accelerant Used	Total
Gasoline	6
Lighter fluid	5
Axe Product	4
2 cycle engine oil	1
Body Spray/Deodorant	1
Hand Sanitizer	1
Perfume	1
Scotch Guard	1
Unknown	1
WD-40	1
None	148
<b>Total</b>	<b>170</b>

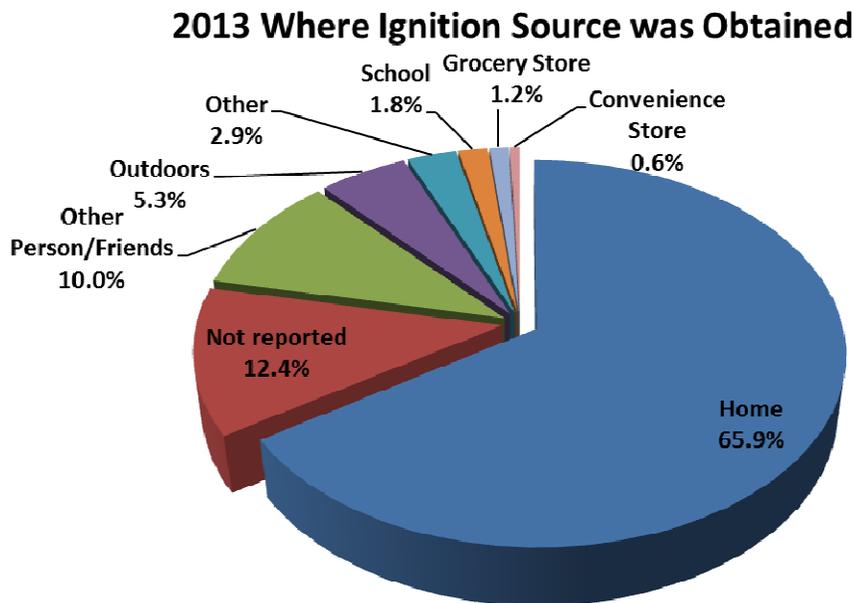
In 2013, data shows most youths continue to use matches and lighters as their primary sources of ignition.

**2013 Ignition Source of Youth Involved with Fire**



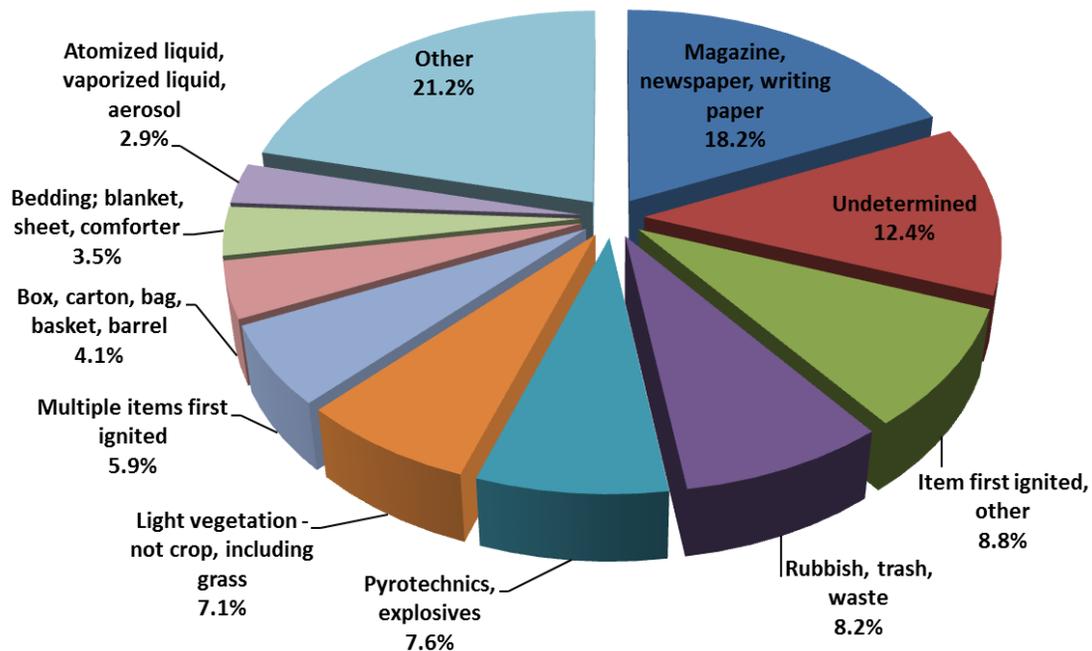
## Youth Involved With Fire - Interventions

Two thirds (66%) of the youths reported obtaining the ignition source at home. This has consistently been the leading category for youth to obtain ignition sources.



The first material ignited tends to be a functional opportunity. Youth use readily available materials as shown in the accompanying chart. These items do not represent a large fire loss, which could be a reason small fires may not get investigated thoroughly.

### 2013 Top 10 Items Ignited by Youth Involved with Fire



## Youth Involved With Fire - Interventions

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Youth involved with fire data is based on information provided by 21 of Oregon's 317 fire agencies:

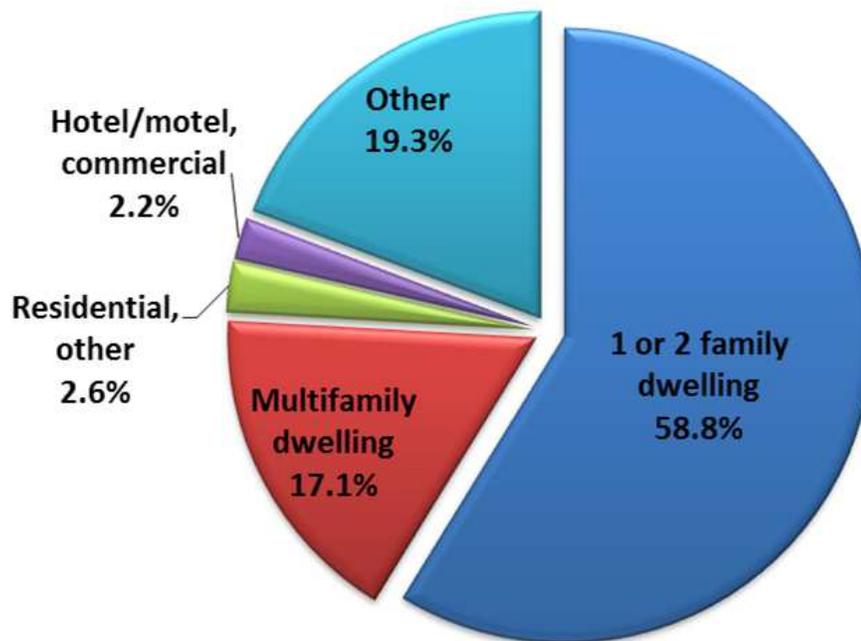
ALBANY FIRE DEPARTMENT  
ASTORIA FIRE DEPARTMENT  
BAKER CITY FIRE DEPARTMENT  
BEND FIRE DEPARTMENT  
CROOK COUNTY FIRE & RESCUE  
FOREST GROVE FIRE & RESCUE  
GEARHART VOL FIRE DEPARTMENT  
HILLSBORO FIRE DEPARTMENT  
JACKSON COUNTY FIRE DISTRICT #3  
JEFFERSON COUNTY RFPD #1  
KLAMATH COUNTY FIRE DISTRICT #1  
LA GRANDE FIRE DEPARTMENT  
LEWIS & CLARK RFPD  
MEDFORD FIRE & RESCUE  
POLK COUNTY FIRE DISTRICT #1  
REDMOND FIRE & RESCUE  
SALEM FIRE DEPARTMENT  
TRI CITY FIRE DISTRICT #4  
TUALATIN VALLEY FIRE & RESCUE  
WARRENTON FIRE DEPARTMENT  
WOODBURN FIRE DISTRICT

# FIRE CASUALTIES

## Civilian Fire Casualties

Civilian fire casualties are deaths or injuries that are a direct result of a fire. Civilians are classified as individuals who are not actual members of a fire department, this includes non-firefighting emergency service personnel such as police officers and utility workers.

### 2013 Civilian Fire Injuries by Property Use



As indicated in the charts above, most civilian casualties occurred in residential property uses. The following is a breakdown of specific residential property uses in which civilian casualties occurred.

Property Use	Injuries	%	Fatalities	%
1 or 2 family dwelling	134	58.8%	20	52.5%
Multi family dwelling	39	17.1%	3	7.5%
Residential, other	6	2.6%	11	27.5%
Hotel/motel, commercial	5	2.2%	1	2.5%
Other	44	19.3%	3	10.0%
Total	228		38	

## Civilian Fire Fatalities

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As of March 31, 2014, two fire fatalities reported in 2013 had not been confirmed by the medical examiner's office and are subsequently not included in the following chart. However, both were reported to have occurred in residential fires.

There were 38 confirmed fire-related deaths in 2013. Of these, 22 occurred in unintentional residential structure fires including all residential property types. The cause was undetermined or under investigation in 15 incidents, and one was an intentionally set fire involving a homicide. Four deaths were non-residential fires including one that occurred in a commercial building. The OSFM focuses its fatality data analysis on understanding the causes and circumstances of unintentional residential structure fires.

In 2013, the majority (25) of the confirmed residential fire victims were age 50 years and older; 7 were between age 18 and 49; and 6 were under the age of 18.

Cigarettes and smoking were the leading cause of fatal residential fires in 2013, responsible for 11 residential fire deaths. The other leading causes of such fires included combustibles too close to a heat source, accounting for 11% of fire deaths; and cooking fires, accounting for 8% of fire deaths.

The chart on the next page identifies the fire fatalities occurring in Oregon in 2013 by incident type, county, age, gender, and cause.

# Civilian Fire Fatalities

## 2013 Civilian Fire Fatalities in Oregon

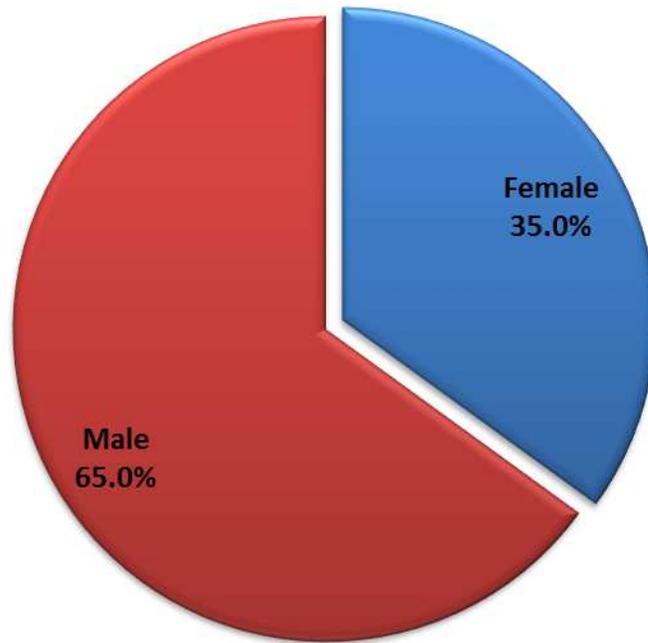
Incident Type	County	Age	Gender	Cause of Fire
Apartment Fire	Washington	11	M	Undetermined
Apartment Fire	Washington	34	M	Undetermined
Apartment Fire	Marion	86	F	Cooking Fire
House Fire	Umatilla	0	F	Under Investigation
House Fire	Umatilla	2	M	Under Investigation
House Fire	Umatilla	5	M	Under Investigation
House Fire	Umatilla	28	M	Under Investigation
House Fire	Multnomah	35	M	Heat Source or Product Misuse
House Fire	Multnomah	37	M	Homicide / Incendiary
House Fire	Umatilla	46	F	Under Investigation
House Fire	Multnomah	52	M	Fireworks
House Fire	Klamath	54	M	Smoking while on Oxygen
House Fire	Lane	60	F	Smoking
House Fire	Multnomah	60	M	Under Investigation
House Fire	Klamath	62	F	Smoking-Possibly while on Oxygen
House Fire	Lane	66	F	Smoking
House Fire	Malheur	66	F	Cooking Fire
House Fire	Klamath	67	F	Smoking-Possibly while on Oxygen
House Fire	Marion	67	M	Combustibles to Close to heat source
House Fire	Deschutes	73	M	Smoking
House Fire	Lane	77	F	Undetermined
House Fire	Multnomah	87	M	Undetermined
House Fire	Marion	89	M	Cooking Fire
Mobile Home Fire*	Malheur	1	M	Open Flame
Mobile Home Fire*	Marion	36	M	Smoking
Mobile Home Fire*	Clackamas	51	F	Smoking
Mobile Home Fire*	Lane	52	F	Candle/smoking
Mobile Home Fire*	Douglas	54	F	Undetermined
Mobile Home Fire*	Josephine	57	M	Electrical Failure, Malfunction
Mobile Home Fire*	Marion	73	F	Undetermined
Mobile Home Fire*	Marion	82	M	Undetermined
Travel Trailer Fire*	Deschutes	54	M	Combustibles to Close to heat source
Travel Trailer Fire*	Douglas	58	M	Combustibles to Close to heat source
Travel Trailer Fire*	Lake	72	M	Combustibles to Close to heat source
<b>Residential Fire Deaths:</b>			<b>34</b>	
Building Fire	Linn	35	M	Electrical Failure, Malfunction
Special Outside Fire	Coos	57	M	Cutting or Welding too Close to Combustibles
Vehicle Fire	Yamhill	17	M	Vehicle Collision
Vehicle Fire	Josephine	91	M	Other Open Flame Backfire
<b>Non-Residential Fire Deaths:</b>			<b>4</b>	
<b>Total Oregon Fire Deaths:</b>			<b>38</b>	

\*Mobile homes and trailers used as fixed residences.

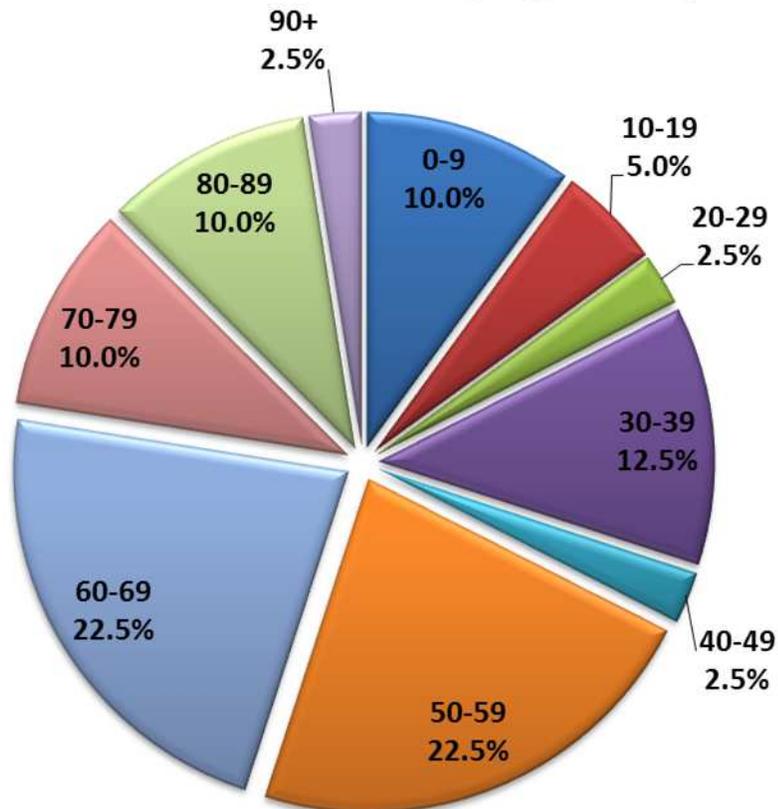
# Civilian Fire Fatalities

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## 2013 Fire Fatalities by Gender

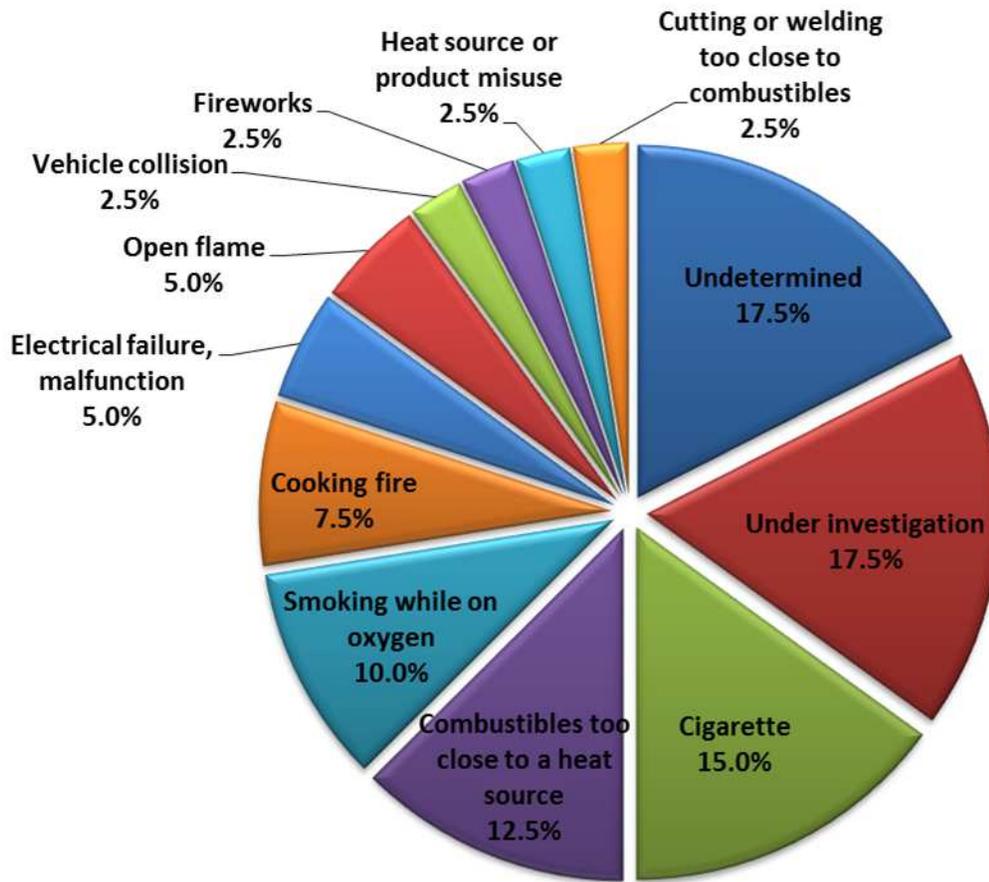


## 2013 Fire Fatalities by Age Group



# Civilian Fire Fatalities

## 2013 Cause of Fires in Fatalities



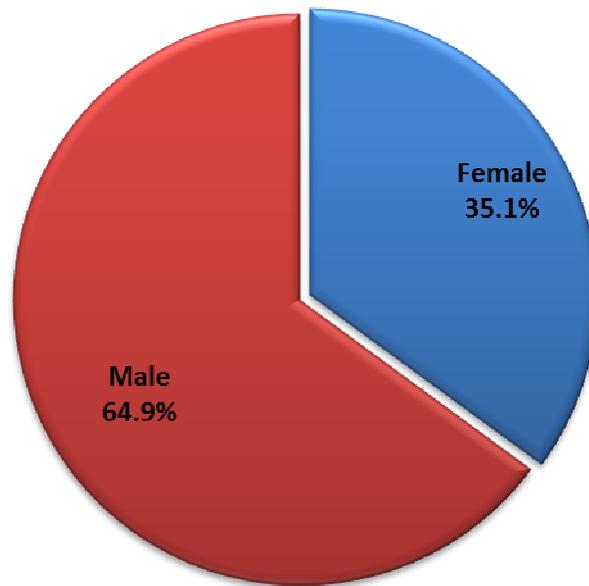
Fire Cause*	Deaths	%
Undetermined	7	17.5%
Under investigation	7	17.5%
Cigarette	6	15.0%
Combustibles too close to a heat source	5	12.5%
Smoking while on oxygen	4	10.0%
Cooking fire	3	7.5%
Electrical failure, malfunction	2	5.0%
Open flame	2	5.0%
Vehicle collision	1	2.5%
Fireworks	1	2.5%
Heat source or product misuse	1	2.5%
Cutting or welding too close to combustibles	1	2.5%
<b>Total</b>	<b>40</b>	<b>100.0%</b>

\* This chart and graphic includes the two unconfirmed fire deaths.

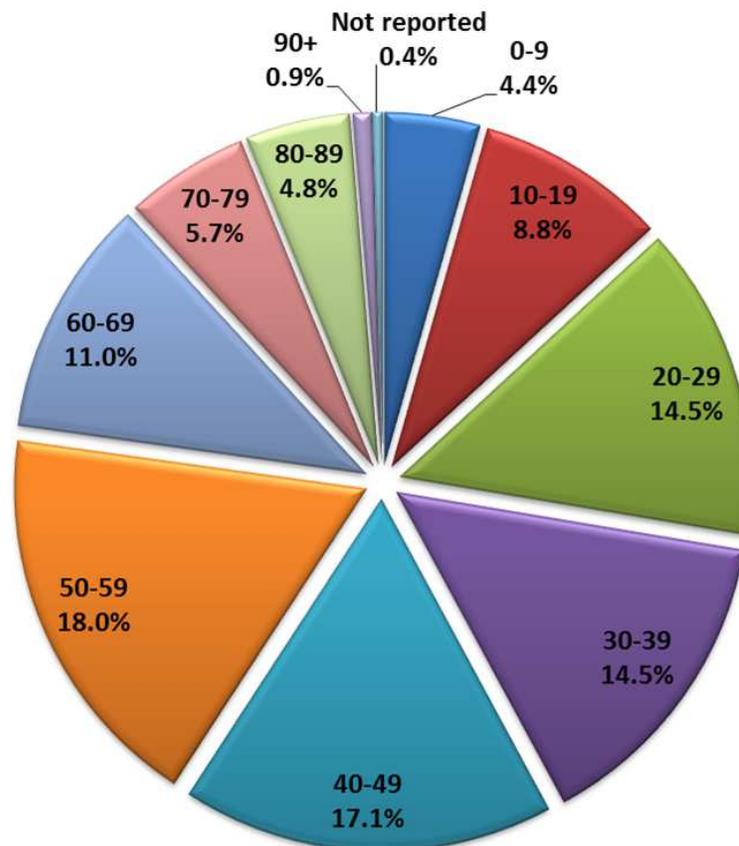
# Civilian Fire Injuries

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## 2013 Fire Injuries by Gender

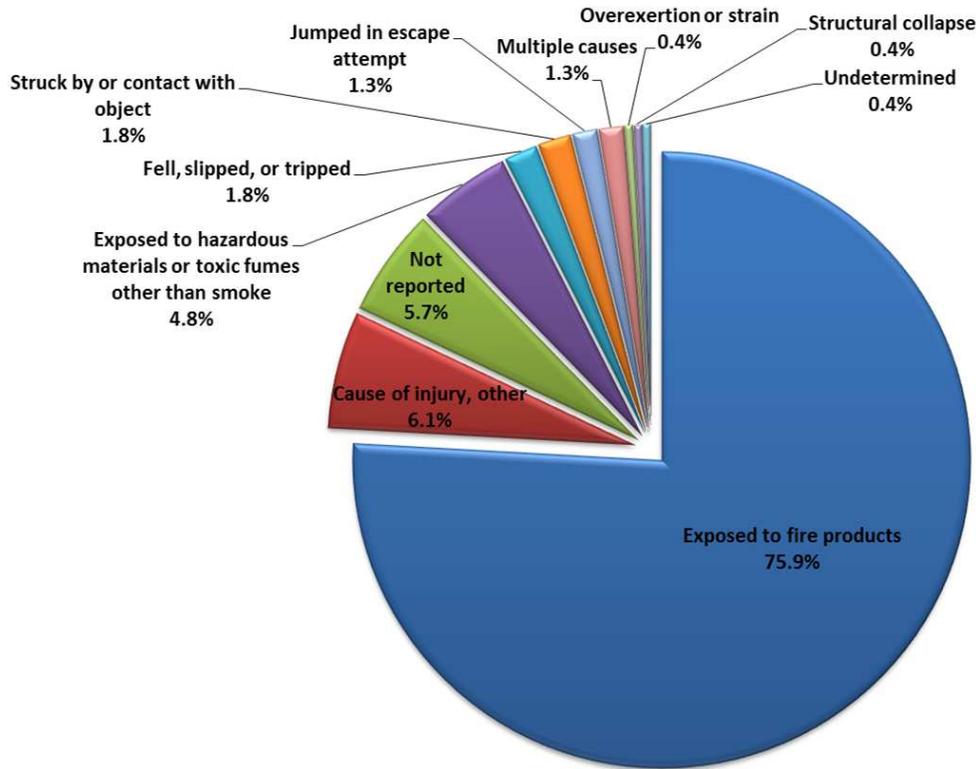


## 2013 Fire Injuries by Age Group

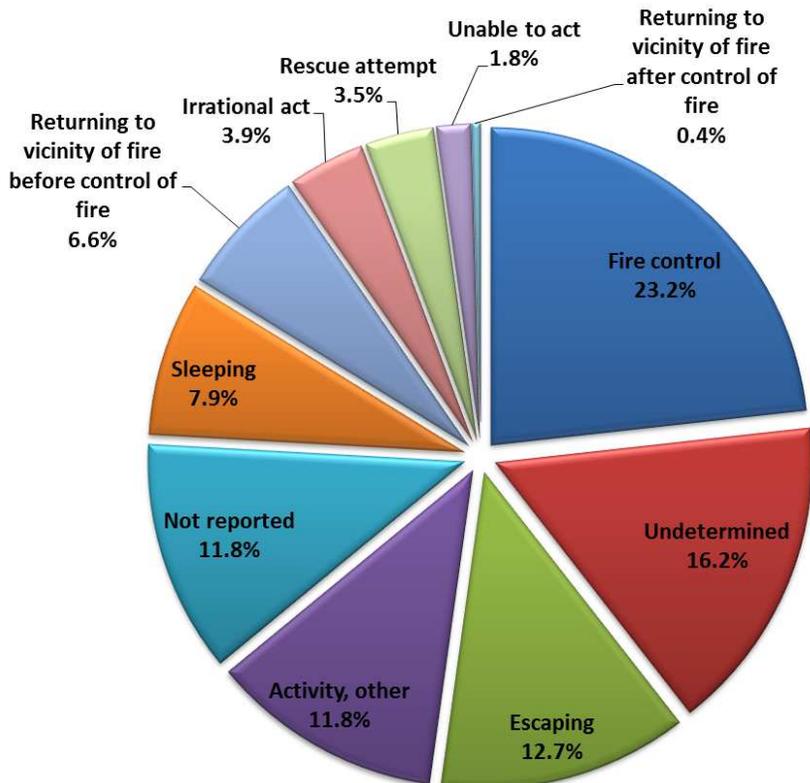


# Civilian Fire Injuries

## 2013 Causes of Fire Injuries



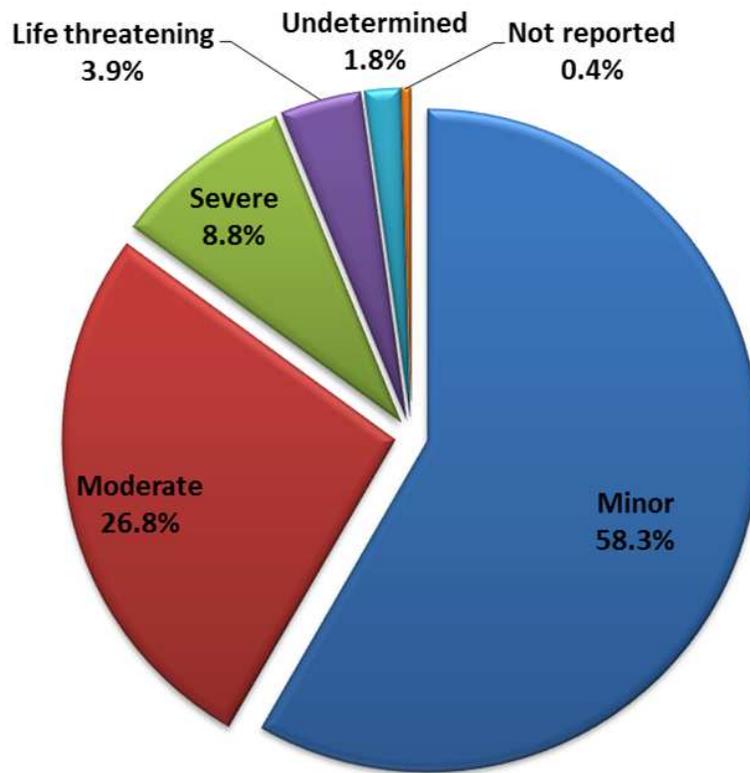
## 2013 Activity at Time of Injury



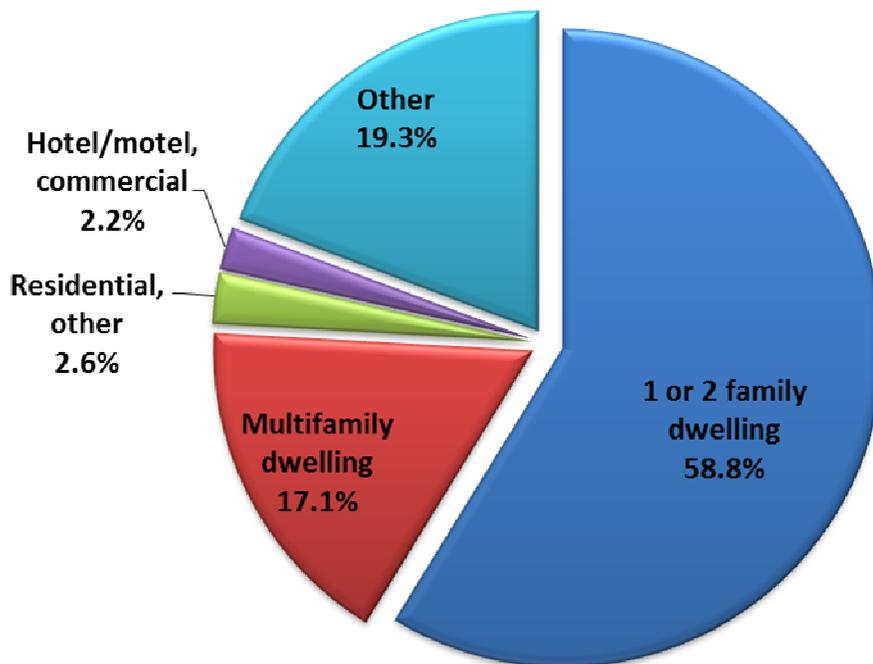
# Civilian Fire Injuries

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## 2013 Severity of Fire Injuries



## 2013 Civilian Fire Injuries by Property Use

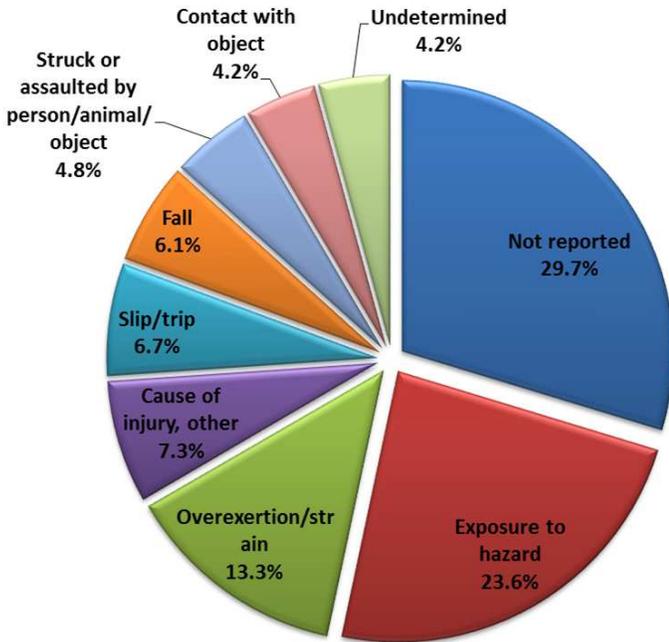


# Firefighter Casualties

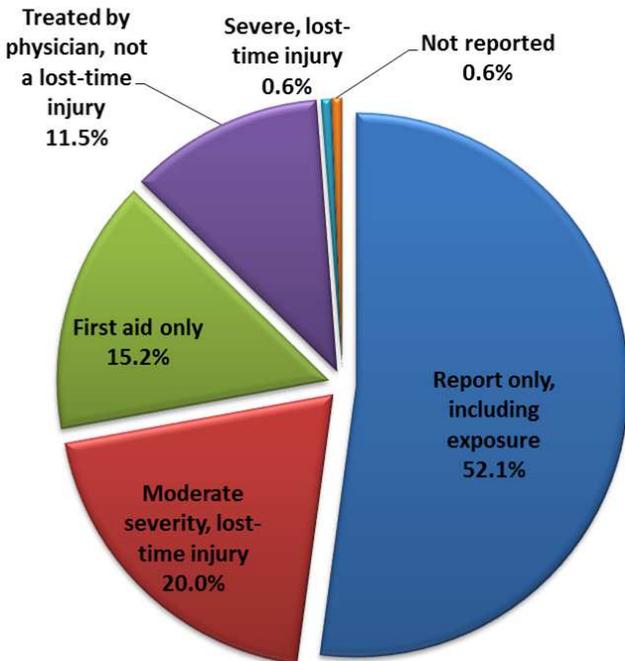
Fire service casualties are deaths, injuries, or exposures to fire department members. This includes casualties that occur both with incident response and with non-incident events such as station duties or training.

There were 165 fire service casualties reported in 2013, none of which were deaths.

**2013 Fire Service Causes of Injuries**



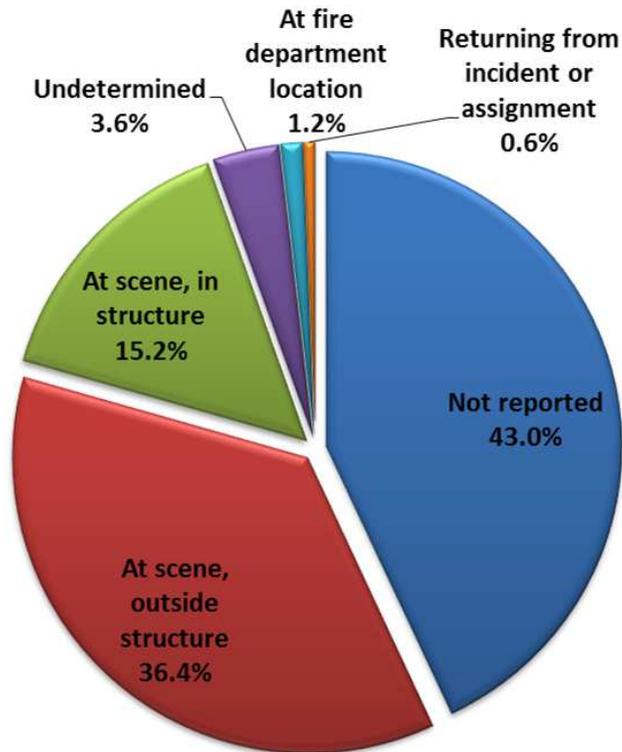
**2013 Fire Service Injuries by Severity**



Body Part Injured	Injuries
Not reported	47
Knee	16
Hand and fingers	11
Trachea and lungs	11
Back, except spine	10
Ankle	9
Multiple body parts, whole body	8
Head	7
Neck	5
Spine	5
Leg, lower	4
Shoulder	4
Ear	3
Wrist	3
Arm, lower, not including elbow or wrist	2
Chest	2
Elbow	2
Multiple body parts, upper body	2
Other	2
Abdomen	1
Arm, upper, not including elbow or shoulder	1
Eye	1
Foot and toes	1
Heart	1
Hip, lower back, or buttocks	1
Internal	1
Mouth, included are lips, teeth, and interior	1
Nose	1
Throat	1
Undetermined	1
Upper extremities	1
Total	165

# Firefighter Casualties

## 2013 Where Fire Service Injuries Occurred

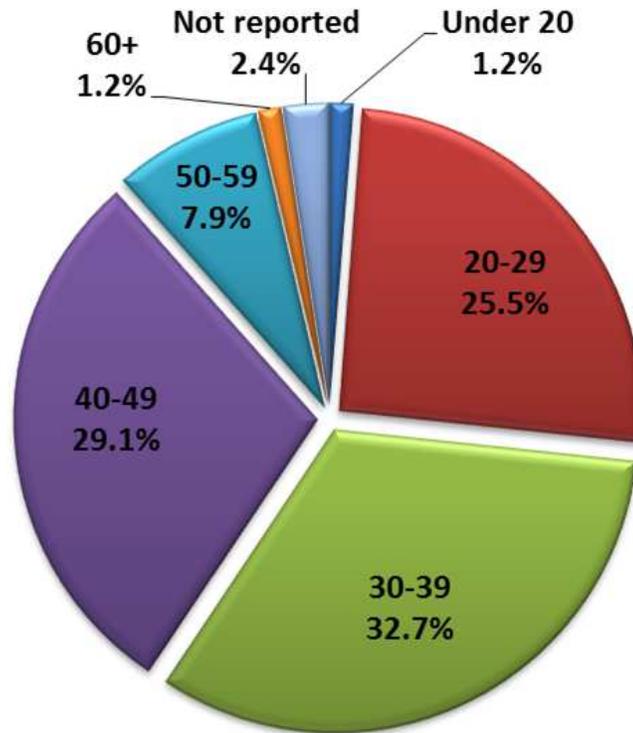


Factors Contributing to Injury	Injuries	%
Not reported	103	62.4%
None	12	7.3%
Fire progress, including smoky conditions	10	6.1%
Contributing factor, other	8	4.8%
Undetermined	7	4.2%
Slippery or uneven surfaces	6	3.6%
Uneven surface, included are holes in the ground	6	3.6%
Operating in confined structural areas	3	1.8%
Falling objects	2	1.2%
Floor collapse	2	1.2%
Collapse or falling object	1	0.6%
Fire development	1	0.6%
Firefighter standing on apparatus	1	0.6%
Hostile acts	1	0.6%
Roof collapse	1	0.6%
Stair collapse	1	0.6%
Total	165	100.0%

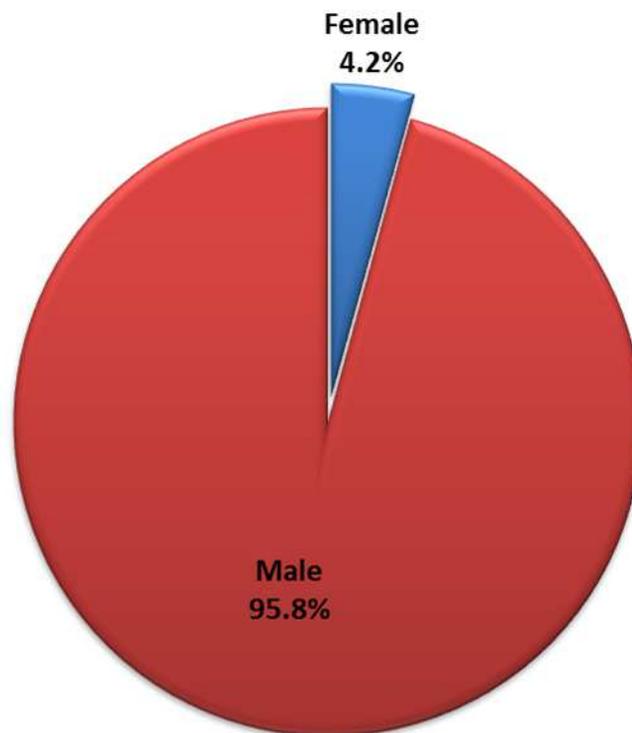
# Firefighter Casualties

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## 2013 Fire Service Injuries by Age Group



## 2013 Fire Service Injuries by Gender



# 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](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](mailto: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%
<b>TOTAL</b>	<b>16,351</b>	<b>15,719</b>	<b>96.1%</b>

# 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.

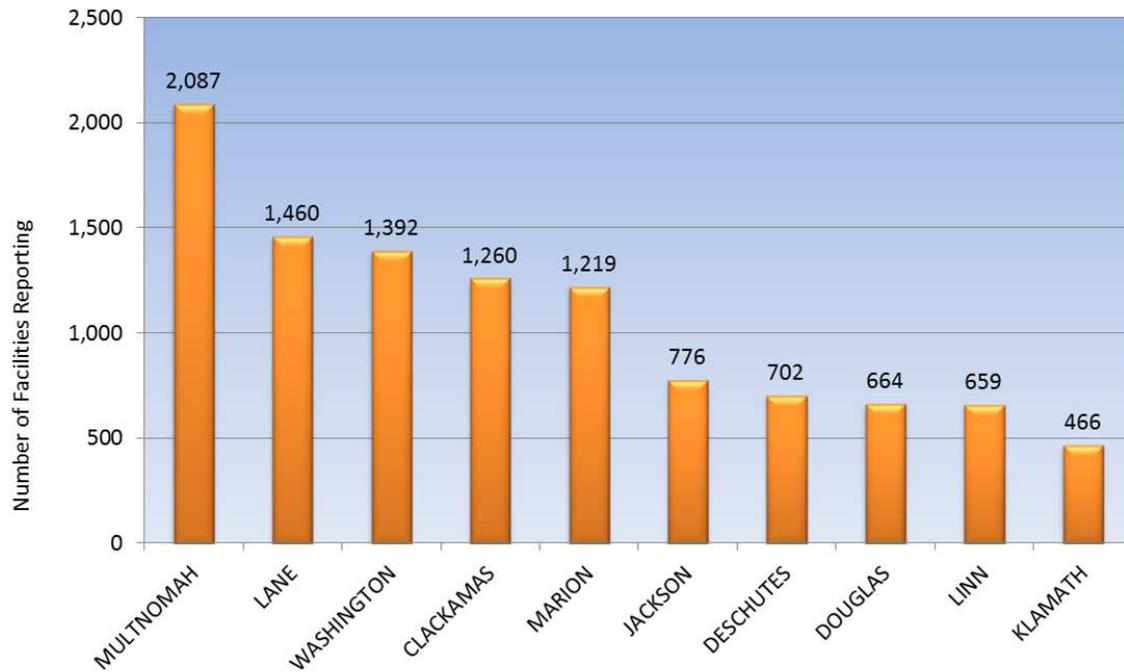
This table reflects how many substances were assigned each hazard class. In addition, the table shows how many times a substance with the hazard class was reported. For example, the table shows that 7,397 substances have been assigned a hazard class of 6.3 in the OSFM database. Facilities reported a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

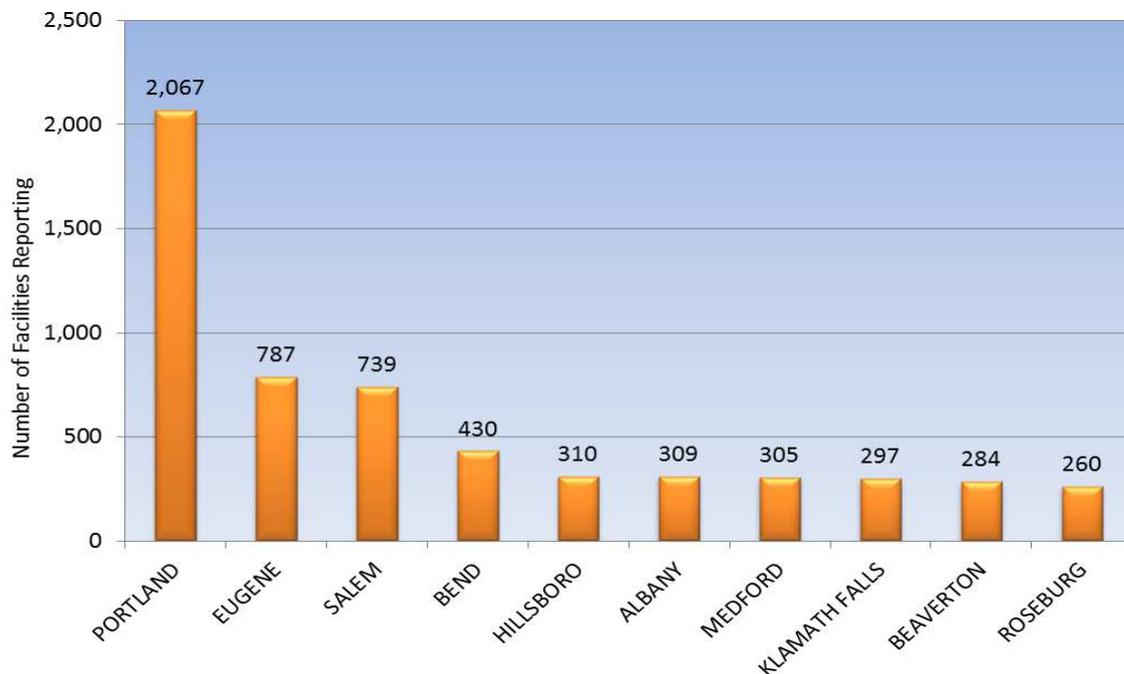
## COUNTIES WITH THE MOST FACILITIES REPORTING

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



## CITIES WITH THE MOST FACILITIES REPORTING

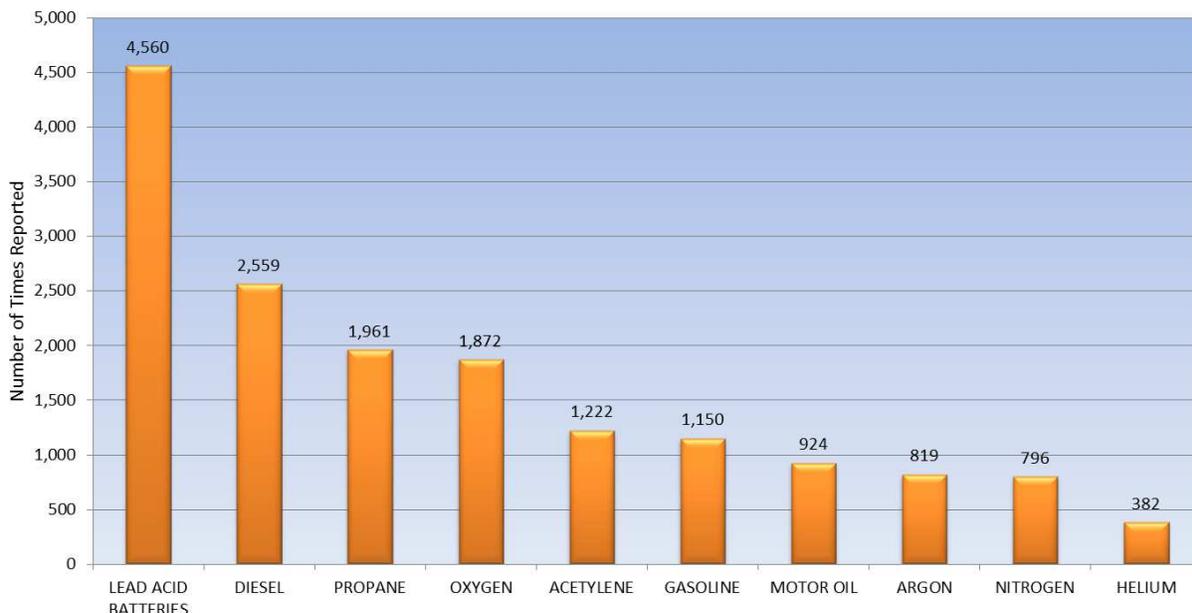
This chart shows the ten cities with the most facilities reporting.



# 2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

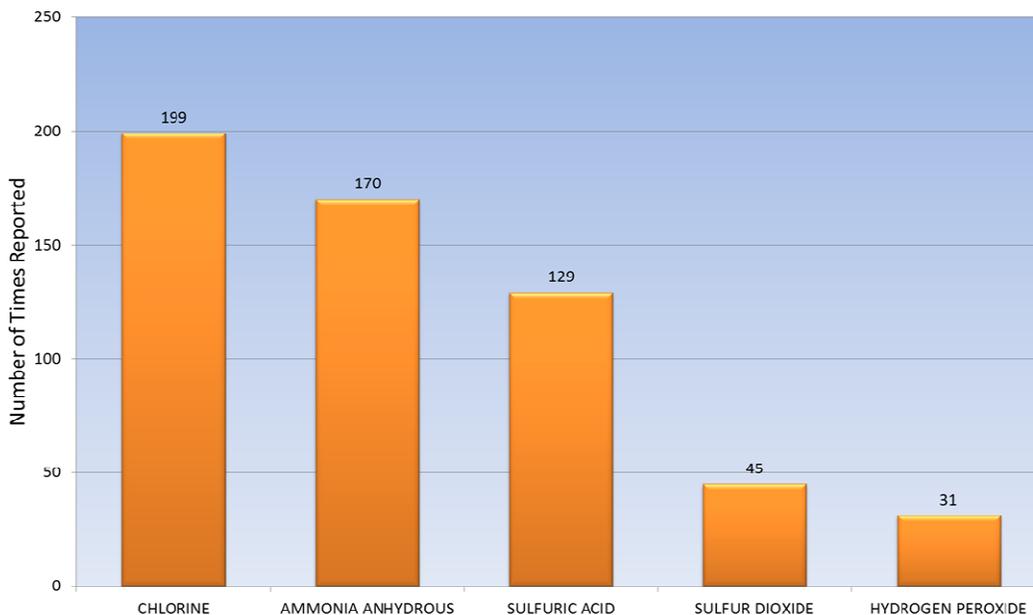
## MOST FREQUENTLY REPORTED SUBSTANCES

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)

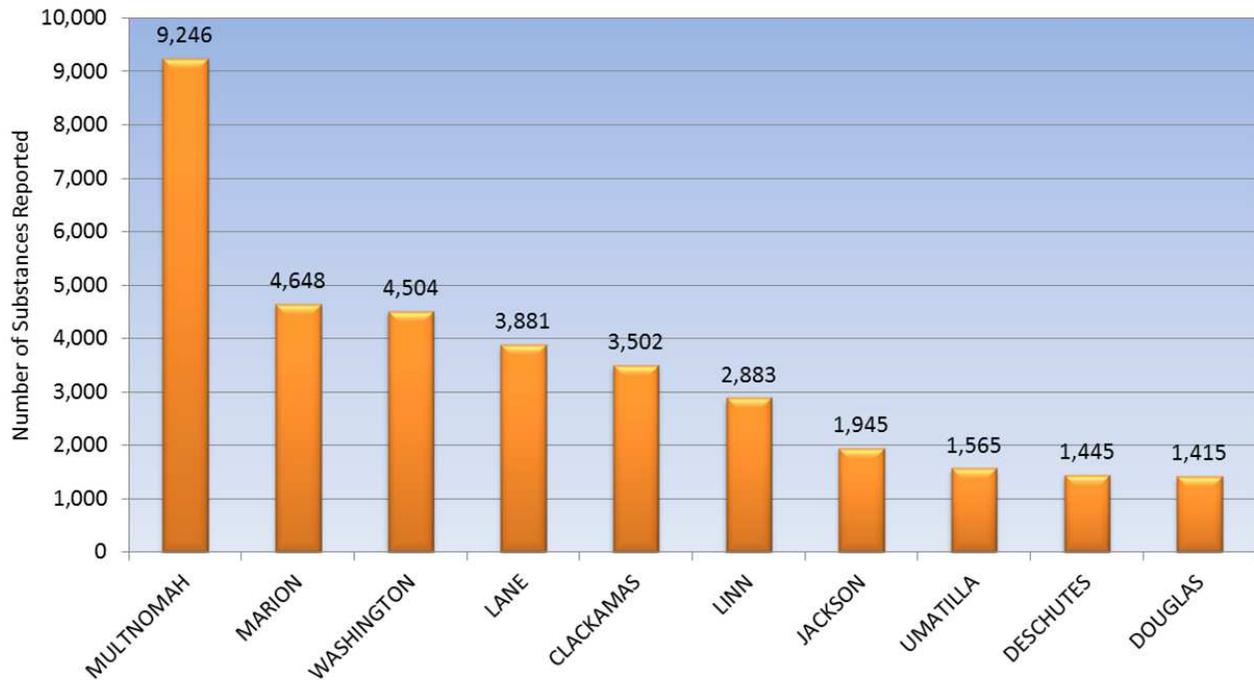
This chart shows the five Extremely Hazardous Substances most frequently reported. *Note: Hydrogen peroxide is an EHS when the hydrogen peroxide concentration is greater than 52%.*



# 2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

## COUNTIES REPORTING THE MOST SUBSTANCES

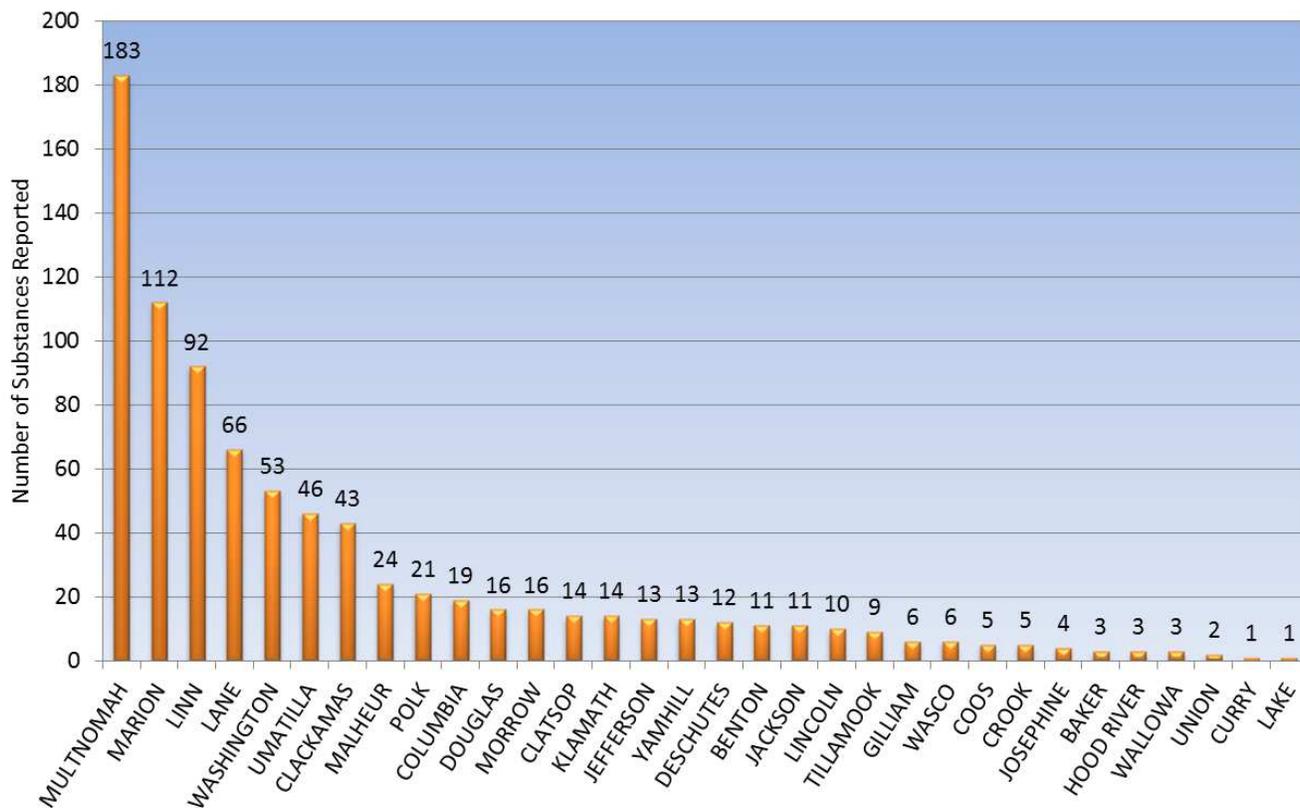
This chart shows the ten counties with the most substances reported.



## 2013 HAZARDOUS SUBSTANCE STORAGE IN OREGON

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

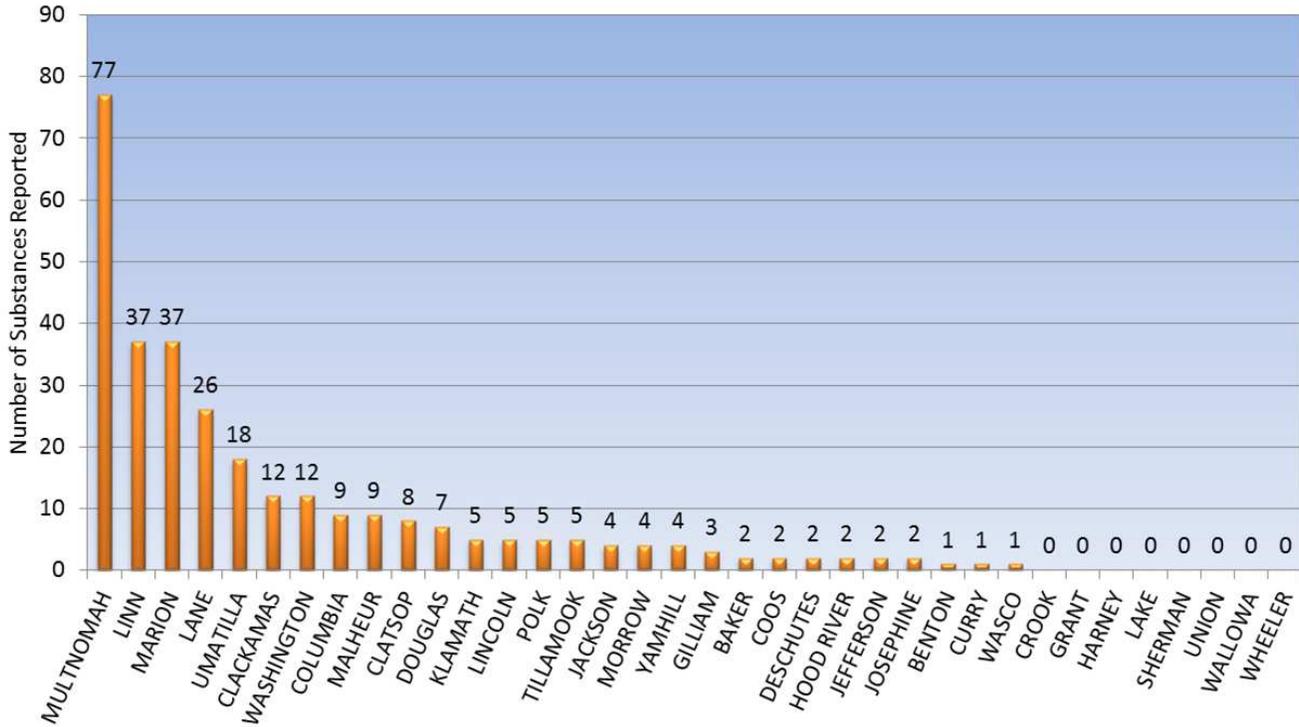
This chart shows the number of substances in each county that were reported in quantities exceeding 250,000 pounds, gallons, or cubic feet.



# 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
		<b>TOTAL</b>	<b>297</b>

## SECTION II

### 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

#### OREGON FIRE BRIDGE™

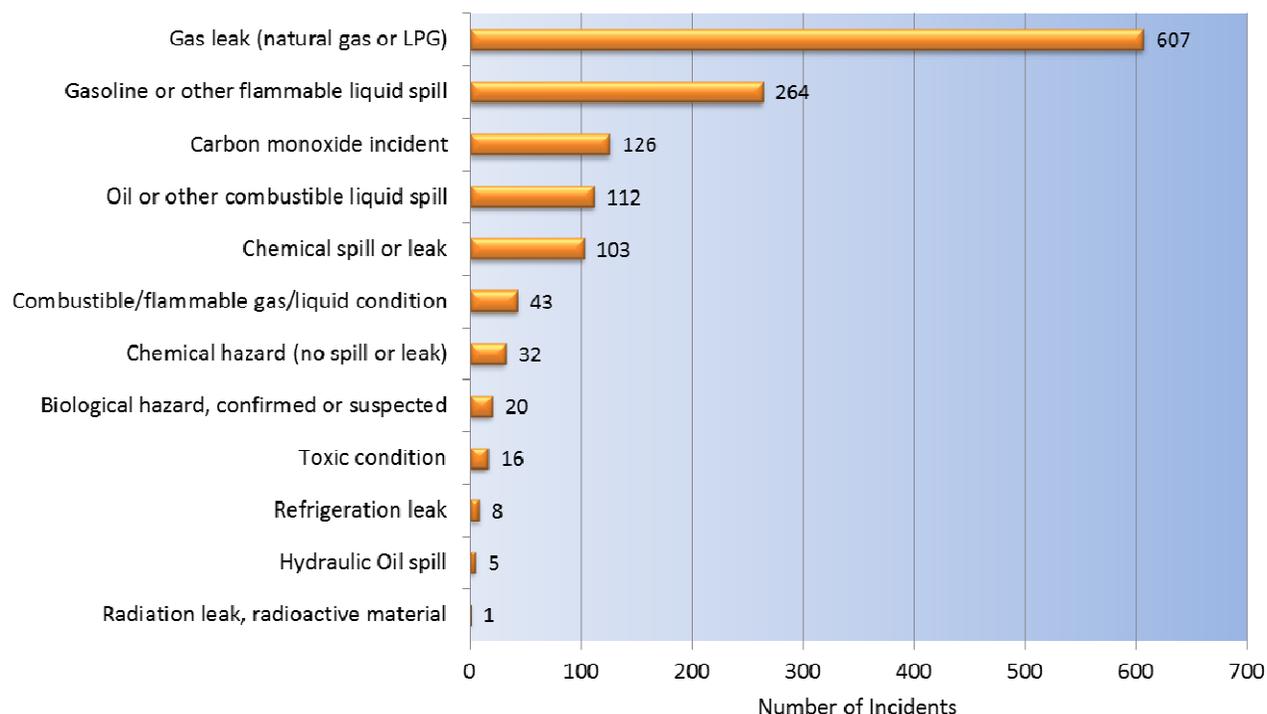
Under the Oregon Community Right to Know and Protection Act, those who respond to an incident involving hazardous substances must report information about that incident to the OSFM. The OSFM currently provides responders with an online incident reporting system called Oregon Fire Bridge™.

Fire departments and OSFM Hazmat teams reported 1,337 hazardous substance incidents in 2013. These incidents resulted in 34 civilian injuries and zero fire service injuries.

Using information collected in Oregon Fire 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](mailto:sfm.cr2k@state.or.us) or from our website at [http://www.oregon.gov/osp/sfm/pages/cr2k\\_infoavailable.aspx](http://www.oregon.gov/osp/sfm/pages/cr2k_infoavailable.aspx)

#### TYPES OF HAZARDOUS SUBSTANCE INCIDENTS

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

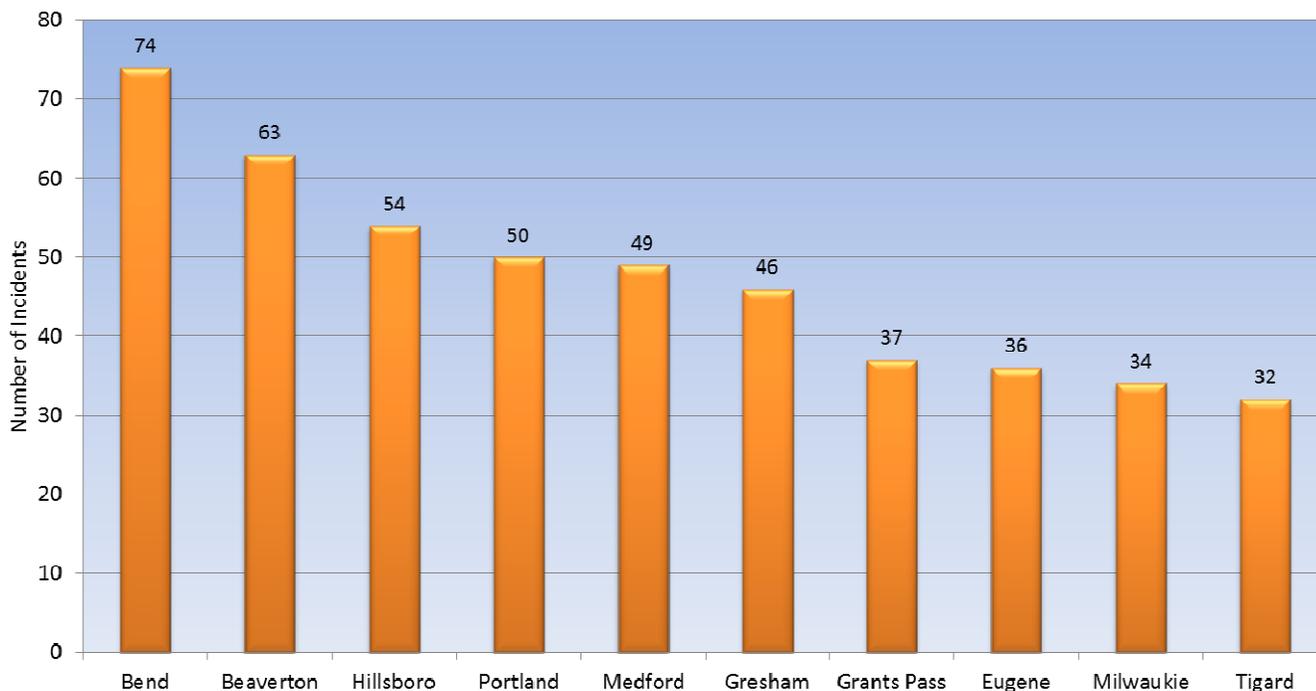


# 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

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## CITIES WITH THE MOST REPORTED HAZARDOUS SUBSTANCE INCIDENTS

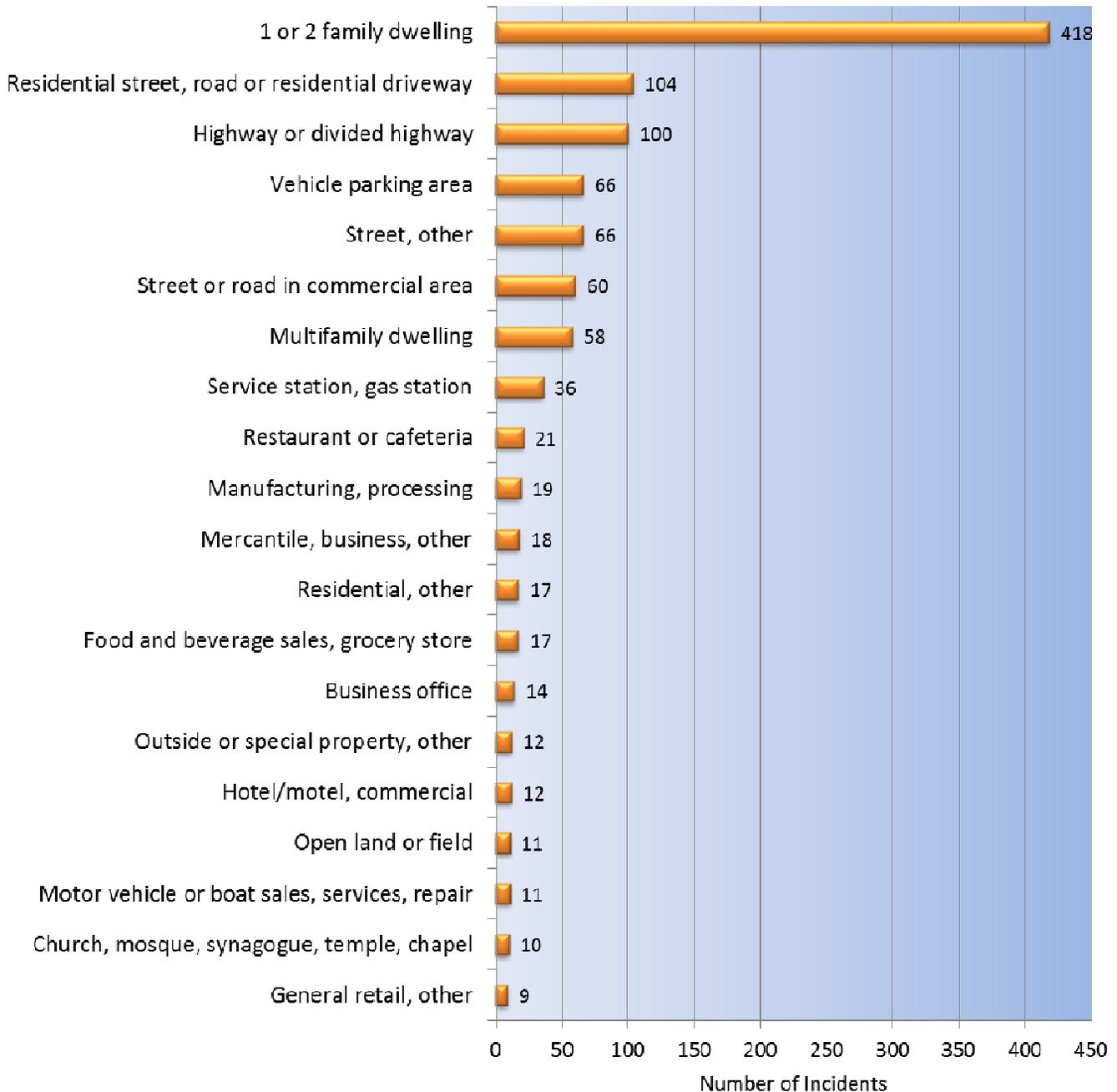
The following chart shows the 10 cities reporting the highest number of hazardous substance incidents. The cities listed in this graph are based on the zip code of the address in which the incident occurred and may not necessarily be within the city limits.



# 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

## TYPES OF PROPERTY USES WHERE HAZARDOUS SUBSTANCE INCIDENTS OCCURRED

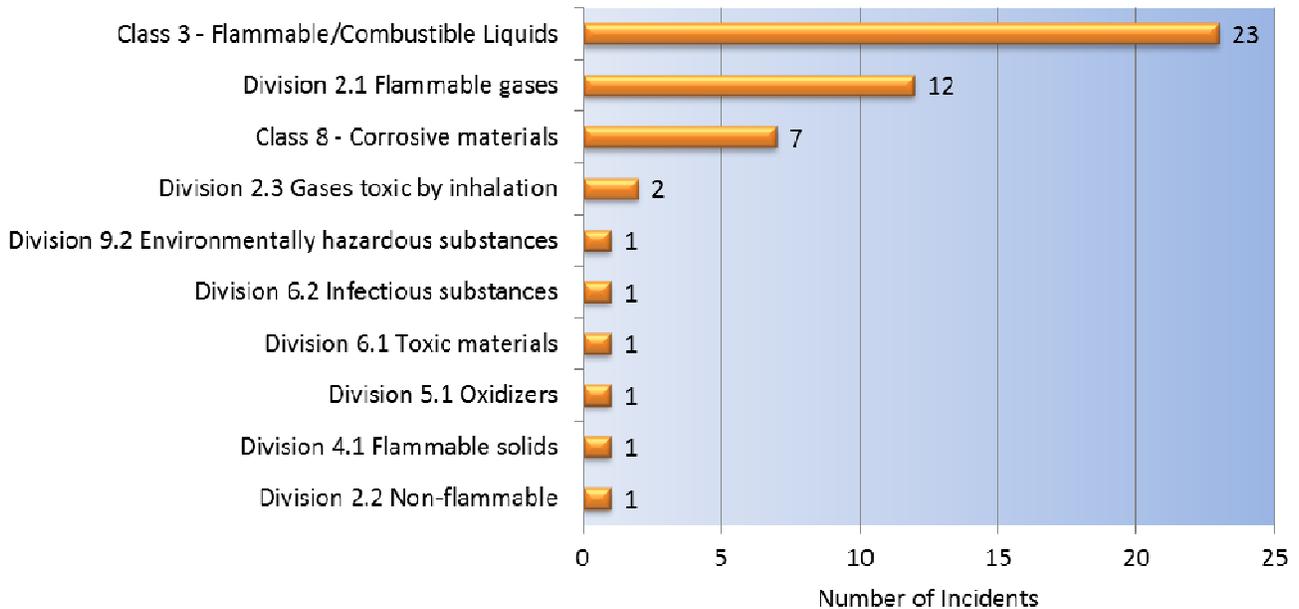
This chart shows the 20 types of property uses where the most reported hazardous substance incidents took place. This is a count only and does not reflect the severity of the incidents.



# 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

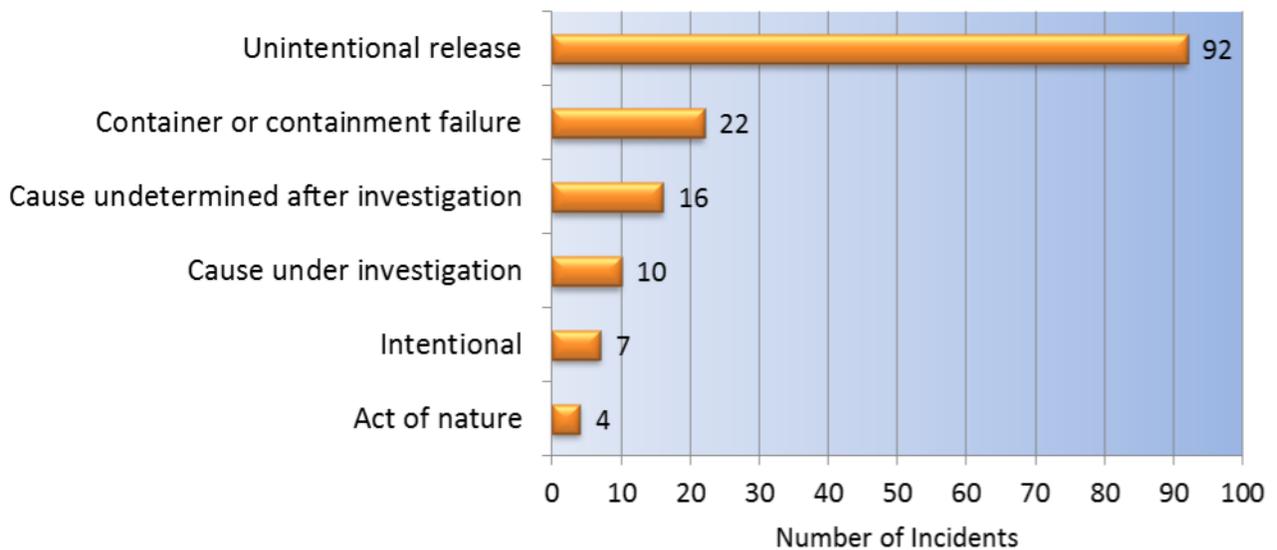
## COUNT OF HAZARDOUS SUBSTANCE INCIDENTS BY U.S. DOT HAZARD CLASSES

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 1,337 hazardous substance incidents reported, only 50 are identifiable by the hazard class.



## CAUSES OF HAZARDOUS SUBSTANCE INCIDENTS

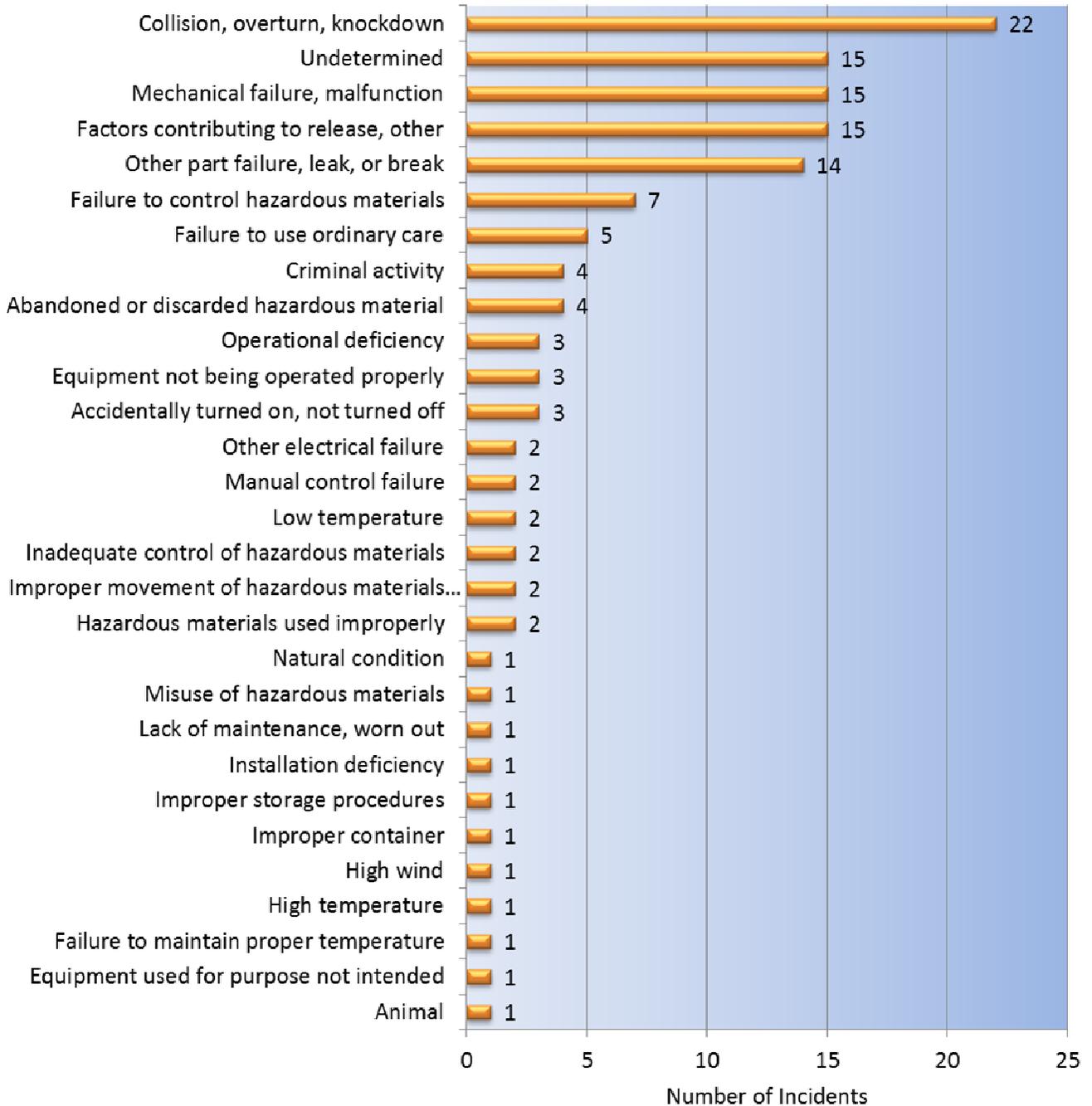
Several options are given for causes of a hazardous substance incident. Not all reports list the cause of an incident. This chart illustrates the reported causes.



# 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

## 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. The following chart lists the reported contributing factors.



# 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

## OREGON REGIONAL HAZMAT TEAM RESPONSES

Oregon's 13 Regional Hazardous Material Response Teams responded to 57 incidents in 2013. The following table shows the number of responses for each team color coded to a map of the Regional Hazardous Material Response Team boundaries on the following page.

Collectively, 32 different substances were identified by the Regional Hazardous Material Response Teams. These substances are listed in the second chart below.

Team	Number of Incidents
Team 1 Roseburg	3
Team 2 Eugene	2
Team 3 Gresham/Multnomah Co.	8
Team 4 Klamath Falls	4
Team 5 Linn/Benton	3
Team 7 Portland	12
Team 8 Medford	0
Team 9 TVF&R	5
Team 10 Hermiston	8
Team 11 Astoria	0
Team 13 Salem	6
Team 14 Ontario	6
Team 15 Coos Bay	0

Substance Name	Substance Name
White Powder	2,4-D
Diesel fuel	Peracetic acid
Sulfuric acid	Acrylonitrile
Petroleum	Phosphoric acid
Aluminum sulfate	Potassium
1,4-Dichlorobenzene	Potassium chromate
Aluminum (dust)	Diethylenetriamine
Ammonia, anhydrous	Sodium hydroxide(solution)
Nickel sulfate	Formaldehyde(solution, flammable)
Ammonium nitrate fertilizers	Acetic acid (Solution in Water 1-80%)
Silane	Water
Anhydrous ammonia	Acetone
Urea	ZP
beta-Butyrolactone	Gasoline
Mineral oil	Kerosene
Cadmium sulfate	LOX

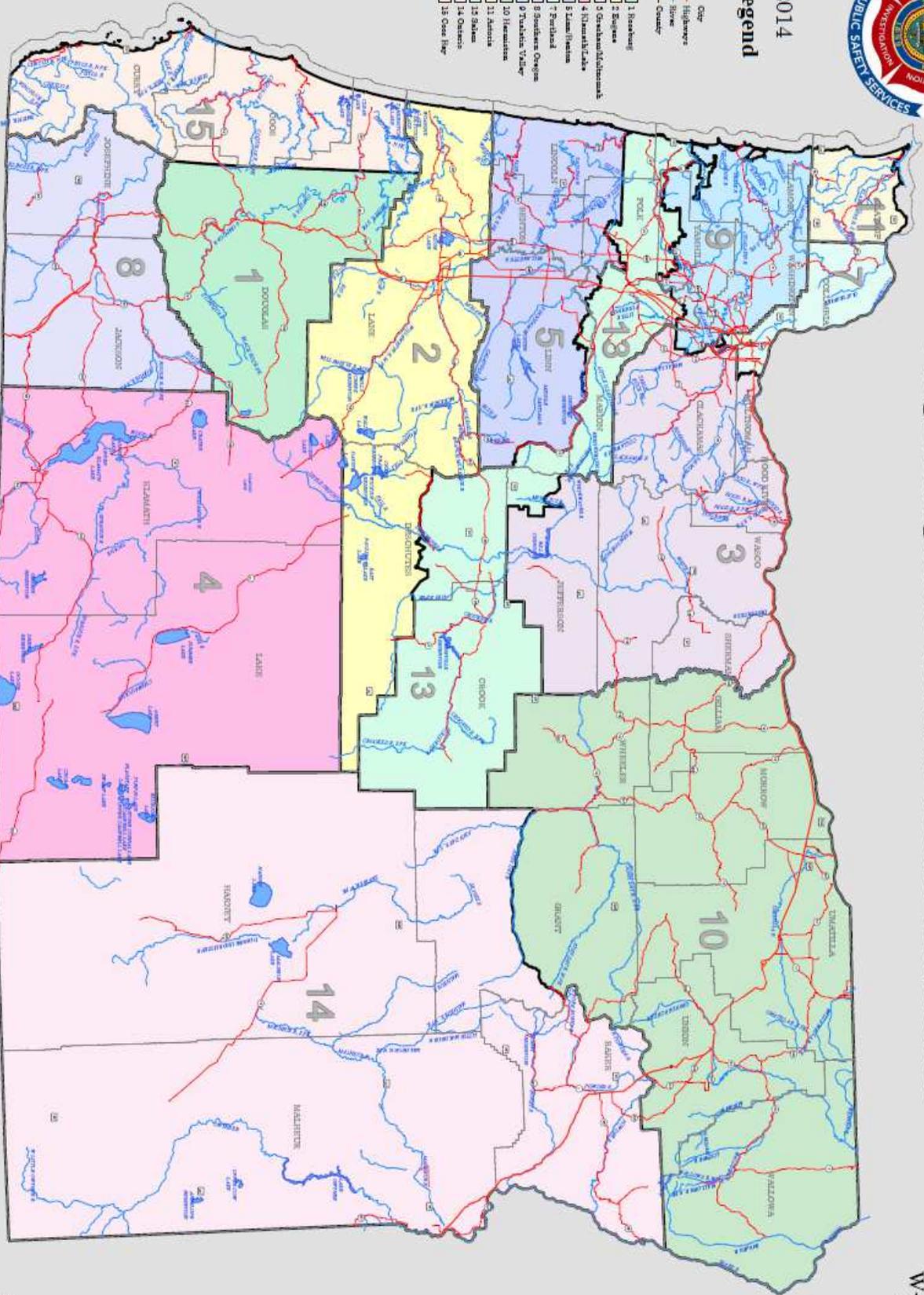


# Oregon Regional HazMat Team Boundaries

2014

## Legend

- City
- Highway
- Street
- County
- 1 Roseburg
- 2 Eugene
- 3 Gresham/Multnomah
- 4 Medford/Coos
- 5 Clatsop/Platteau
- 7 Portland
- 8 Southern Oregon
- 9 Tualatin Valley
- 10 Medford
- 11 Astoria
- 12 Salem
- 14 Clatsop
- 15 Coos Bay



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# 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

## OREGON REGIONAL HAZMAT TEAM RESPONSES

### Outreach

In 2013, Oregon Regional Hazardous Material Response Teams conducted 68 outreach events and training sessions across the state. Most training was conducted at local fire departments within the response regions and often included representatives from industries within the region. Outreach training conducted by the hazmat teams ensures local responders are prepared to respond quickly and safely, and assist the hazmat team in the event of a hazardous substance incident. The table below identifies the number of outreach events conducted by each team.

### Telephone Advisory Calls

In addition to incident response, teams provide an additional resource through telephone advisories to local responders, industry representatives, and others throughout their respective regions. In 2013, the teams conducted 117 telephone advisory calls. The table below identifies the number of calls handled by each team.

2013 Regional HazMat Outreach	
Team #	Events
Team 1	10
Team 2	2
Team 3	5
Team 4	3
Team 5	4
Team 7	7
Team 8	2
Team 9	2
Team 10	6
Team 11	6
Team 13	6
Team 14	3
Team 15	12
<b>TOTAL</b>	<b>68</b>

2013 Telephone Advisory Calls	
Team #	Calls
Team 1	1
Team 2	0
Team 3	1
Team 4	4
Team 5	5
Team 7	61
Team 8	3
Team 9	15
Team 10	0
Team 11	1
Team 13	9
Team 14	2
Team 15	15
<b>TOTAL</b>	<b>117</b>

## 2013 HAZARDOUS SUBSTANCE INCIDENTS IN OREGON

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### REPORTED CASUALTIES FROM HAZARDOUS SUBSTANCE INCIDENTS

This chart shows the reported casualties associated with hazardous substance incidents in 2013. 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 by some other factor in the incident.

	Injury - Substance	Death - Substance	Injury - Other	Death - Other
Civilian	34	0	8	0
Fire Service	0	0	0	0
<b>Total</b>	<b>34</b>	<b>0</b>	<b>8</b>	<b>0</b>

The following is a brief description of the incidents reflected in these reported casualties:

**Incident 1** - Two civilians were injured and 75 people were evacuated due to a refrigerant leak at a restaurant.

**Incident 2** - Thirty two civilians were injured and 100 people were evacuated when freon-12 was accidentally released in a Safeway store.

**Incident 3** - One civilian was injured when hydrochloric acid was spilled in a laboratory at Clackamas Community College.

**Incident 4** - Two civilians were injured when a semi-tanker trailer crashed into a ditch and its tank ruptured, spilling approximately 3,500 gallons of gasoline. The injuries were due to the crash rather than exposure to the gasoline.

**Incident 5** - Five civilians were injured when a truck rolled over and spilled approximately 250 gallons of highly toxic Tetramethylammonium Hydroxide. Four were injured by exposure to the chemical and one was injured in the crash.

175 people were evacuated in these incidents.

# APPENDIX 1

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>BAKER</b>					
BAKER CITY FD	52	108	197	357	14.5%
BAKER RFPD	23	0	14	37	62.2%
BURNT RIVER FIRE & EMS DEPT	0	0	0	0	0.0%
EAGLE VALLEY RFPD	5	0	5	10	50.0%
GRANITE CITY FD	0	0	0	0	0.0%
GREATER BOWEN VALLEY RFPD	1	0	1	2	50.0%
HAINES FPD	14	2	9	25	56.0%
HUNTINGTON FD	20	60	11	91	22.0%
KEATING RFPD	0	0	0	0	0.0%
MEDICAL SPRINGS RFPD	0	0	0	0	0.0%
PINE VALLEY RFPD	13	5	2	20	65.0%
POWDER RIVER RFPD	0	0	0	0	0.0%
SUMPTER FD	0	0	0	0	0.0%
UNITY VOL FD	0	0	0	0	0.0%
<b>BENTON</b>					
ADAIR RFPD	24	89	37	150	16.0%
ALSEA RFPD	1	0	0	1	100.0%
BLODGETT-SUMMIT RFPD	0	0	0	0	0.0%
CORVALLIS FD	110	2,761	1,072	3,943	3.1%
HOSKINS-KINGS VLY RFPD	0	1	0	1	0.0%
MONROE RFPD	22	183	68	273	7.3%
PHILOMATH F&R	41	443	119	603	6.1%
<b>CLACKAMAS</b>					
BORING FIRE DIST	91	806	497	1,394	6.5%
CANBY RFPD	54	1,225	328	1,607	3.4%
CLACKAMAS CO FIRE DIST #1	498	10,834	4,862	16,194	3.1%
COLTON RFPD #70	18	166	103	287	6.3%
ESTACADA RFD #69	62	1,161	483	1,706	3.6%
GLADSTONE FD	30	1,164	377	1,571	1.8%
HOODLAND FIRE DIST 74	32	442	234	708	4.5%
LAKE OSWEGO FIRE DEPARTMENT	106	2,215	1,216	3,537	3.0%
MOLALLA FIRE DIST	66	1,560	390	2,016	3.3%
SANDY RFPD #72	64	1,190	570	1,824	3.5%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>CLATSOP</b>					
ASTORIA FD	53	16	217	286	18.5%
CANNON BEACH RFPD	16	0	55	71	22.5%
ELSIE-VINEMAPLE RFPD	5	130	32	167	3.0%
GEARHART VOL FD	30	206	83	319	9.4%
HAMLET VOL FD	2	23	1	26	7.7%
JOHN DAY-FERNHILL RFP	4	48	13	65	6.2%
KNAPPA-SVENSEN-BURNSIDE RFPD	10	260	49	319	3.1%
LEWIS & CLARK RFPD	2	4	0	6	33.3%
OLNEY WALLUSKI F&R	10	43	22	75	12.0%
SEASIDE F&R	33	759	167	959	3.0%
WARRENTON FD	1	0	0	1	100.0%
WESTPORT-WAUNA RFPD	2	0	0	2	100.0%
<b>COLUMBIA</b>					
CLATSKANIE RFPD	40	724	143	907	4.3%
COLUMBIA RIVER F&R	137	2,778	974	3,889	3.5%
MIST BIRKENFELD RFPD	9	14	11	34	25.7%
SCAPPOOSE RFPD	56	1,138	284	1,478	3.2%
VERNONIA RFPD	14	359	126	499	2.6%
<b>COOS</b>					
BANDON RFPD #8	3	0	0	3	100.0%
BRIDGE RFPD	0	0	0	0	0.0%
CHARLESTON RFPD	26	391	61	478	5.4%
COOS BAY F&R	52	1,929	524	2,505	2.0%
COQUILLE FD	1	0	0	1	100.0%
DORA-SITKUM RFPD	3	0	0	3	100.0%
FAIRVIEW RFPD	1	0	0	1	100.0%
GREENACRES RFPD	0	0	0	0	0.0%
HAUSER RFPD	0	0	0	0	0.0%
LAKESIDE RFPD	3	1	0	4	75.0%
MILLINGTON FIRE DIST #5	0	0	0	0	0.0%
MYRTLE POINT FIRE & AMBULANCE	10	0	0	10	100.0%
NORTH BAY RFPD	0	0	0	0	0.0%
NORTH BEND FD	31	772	997	1,800	1.5%
POWERS FD	0	0	0	0	0.0%
SUMNER RFPD	0	0	0	0	0.0%
<b>CROOK</b>					
CROOK CO F&R	61	1,043	262	1,366	4.5%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>CURRY</b>					
AGNESS ILLAHE RFPD	0	0	0	0	0.0%
BROOKINGS F&R	46	273	156	475	9.1%
CAPE FERRELO RFPD	0	0	0	0	0.0%
CEDAR VALLEY-N BANK RFPD	0	0	0	0	0.0%
GOLD BEACH FD	1	0	0	1	100.0%
HARBOR RFPD	0	1	1	2	0.0%
LANGLOIS RFPD #4-107	1	0	0	1	100.0%
OPHIR RFPD	0	0	0	0	0.0%
PISTOL RIVER FIRE DIST	0	0	0	0	0.0%
PORT ORFORD RFPD	24	23	11	58	41.4%
SIXES RFPD	0	0	0	0	0.0%
WINCHUCK RFPD	3	6	3	12	25.0%
<b>DESCHUTES</b>					
BEND FD	329	6,663	1,603	8,595	3.8%
BLACK BUTTE RANCH RFPD	13	38	46	97	13.4%
CLOVERDALE RFPD	43	129	85	257	16.7%
LA PINE RFPD	66	1,368	584	2,018	3.2%
OREGON OUTBACK RFPD	3	1	0	4	75.0%
REDMOND F&R	111	3,039	1,262	4,412	2.3%
SISTERS-CAMP SHERMAN RFPD	44	663	220	927	4.1%
SUNRIVER FIRE DEPARTMENT	25	462	237	724	3.2%
<b>DOUGLAS</b>					
AZALEA VOLS	6	0	0	6	100.0%
CAMAS VALLEY VOL RFD	0	0	0	0	0.0%
CANYONVILLE SOUTH UMPQUA FD	0	0	0	0	0.0%
DAYS CREEK RFD	0	1	0	1	0.0%
DOUGLAS CO FIRE DIST #2	0	2	2	4	0.0%
ELKTON RFPD	0	0	0	0	0.0%
FAIR OAKS	0	0	0	0	0.0%
GARDINER RFPD	0	0	0	0	0.0%
GLENDALE RFPD	19	19	38	76	24.4%
GLIDE RFPD	27	311	95	433	6.2%
KELLOGG RFD	5	26	12	43	11.6%
LOOKINGGLASS RFD	11	79	43	133	8.3%
MILO RFPD	1	0	0	1	100.0%
MYRTLE CREEK FD	49	84	151	284	16.9%
NORTH DOUGLAS CO FIRE & EMS	15	0	0	15	100.0%
OAKLAND RFPD	30	23	77	130	23.1%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>DOUGLAS</b>					
REEDSPORT VOL FD	17	45	48	110	15.5%
RIDDLE RFPD	0	0	1	1	0.0%
ROSEBURG FD	138	3,358	1,227	4,723	2.9%
SCOTTSBURG RFD	0	0	0	0	0.0%
TENMILE RFPD	10	138	30	178	5.6%
TILLER RFD	0	0	0	0	0.0%
TRI CITY FIRE DIST #4 (DOUG)	10	68	32	110	9.1%
WINCHESTER BAY RFPD	0	0	0	0	0.0%
WINSTON-DILLARD FIRE DIST	50	1,152	461	1,663	2.9%
<b>GILLIAM</b>					
NORTH GILLIAM CO RFPD	26	2	11	39	64.1%
SOUTH GILLIAM CO RFPD	12	1	6	19	63.2%
<b>GRANT</b>					
CANYON CITY FD	8	0	4	12	66.7%
DAYVILLE FD	1	0	1	2	50.0%
JOHN DAY FD	0	0	0	0	0.0%
JOHN DAY RFPD	1	0	0	1	100.0%
MONUMENT FD	0	0	0	0	0.0%
MONUMNET RFPD	0	0	0	0	0.0%
MT VERNON FD	0	0	0	0	0.0%
PRAIRIE CITY FD	4	0	0	4	100.0%
<b>HARNEY</b>					
BURNS FD	29	9	48	86	33.7%
HINES FD	23	9	23	55	41.8%
<b>HOOD RIVER</b>					
CASCADE LOCKS FIRE & EMS	14	182	58	254	5.5%
HOOD RIVER FD	23	816	164	1,003	2.3%
PARKDALE RFPD	20	103	43	166	12.0%
WEST SIDE RFPD	0	0	0	0	0.0%
WY-EAST RFPD	41	125	80	246	16.7%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>JACKSON</b>					
APPLEGATE VALLEY RFPD #9	54	265	220	539	10.0%
ASHLAND F&R	74	1,698	829	2,601	2.8%
BUTTE FALLS VOL FD	0	0	0	0	0.0%
COLESTIN RFPD	0	0	0	0	0.0%
EVANS VALLEY FIRE DIST #6	8	218	90	316	2.5%
GREENSPRINGS RFPD	0	0	0	0	95.8%
JACKSON CO FD #3	240	4,350	1,930	6,520	3.7%
JACKSON CO RFPD #4	0	0	0	0	0.0%
JACKSON COUNTY FIRE DISTRICT 5	105	1,388	888	2,381	4.4%
JACKSONVILLE FD	0	0	0	0	0.0%
LAKE CREEK RFPD #8	0	1	0	1	4.7%
MEDFORD FIRE-RESCUE	362	6,767	2,452	9,581	3.8%
PROSPECT RFPD	0	0	0	0	0.0%
ROGUE RIVER RFPD	45	1,126	429	1,600	2.8%
ROGUE VALLEY INTL AIRPORT FD	4	23	127	154	2.6%
<b>JEFFERSON</b>					
CROOKED RIVER RANCH RFPD	24	279	157	460	5.0%
JEFFERSON CO RFPD #1	91	308	318	717	12.1%
LAKE CHINOOK FIRE & RESCUE	3	4	5	12	25.0%
WARM SPRINGS FIRE SFTY	38	22	90	150	25.3%
<b>JOSEPHINE</b>					
GRANTS PASS DEPT PUBLIC SAFETY	204	1,887	2,123	4,214	4.2%
ILLINOIS VALLEY FIRE DIST	62	733	370	1,165	5.3%
RURAL METRO FD	190	1,159	958	2,307	8.0%
WILLIAMS RFPD	0	0	0	0	0.0%
WOLF CREEK RFPD	11	18	4	33	32.4%
<b>KLAMATH</b>					
BLY RFPD	5	41	7	53	9.4%
BONANZA RFPD	0	0	0	0	0.0%
CENTRAL CASCADES FIRE & EMS	1	0	0	1	16.1%
CHEMULT RFPD	0	0	0	0	0.0%
CHILOQUIN-AGENCY LK RFPD	28	34	99	161	17.4%
CRESCENT RFPD	14	18	25	57	24.1%
KENO RFPD	21	180	28	229	9.2%
KLAMATH CO FD #3	0	0	0	0	0.0%
KLAMATH CO FD #4	34	0	1	35	97.5%
KLAMATH CO FD #5	32	78	2	112	28.3%
KLAMATH CO FIRE DIST #1	176	4,541	1,195	5,912	3.0%
MALIN RFPD	1	0	0	1	100.0%
MERRILL RFPD	0	0	0	0	0.0%
ROCKY POINT FIRE & EMS	0	0	0	0	0.0%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>LAKE</b>					
CHRISTMAS VALLEY RFPD	15	2	48	65	21.5%
LAKEVIEW FD	40	3	29	72	54.2%
NEW PINE CREEK RFPD	4	0	0	4	100.0%
PAISLEY VOL FD	0	0	0	0	0.0%
SILVER LAKE RFPD	0	0	0	0	0.0%
THOMAS CREEK WESTSIDE RFPD	11	0	3	14	78.6%
<b>LANE</b>					
COBURG RFPD	1	0	0	1	100.0%
DEXTER RFPD	22	189	58	269	7.8%
EUGENE FIRE & EMS	466	13,812	4,646	18,924	2.5%
GOSHEN FIRE DIST	40	398	83	521	7.7%
JUNCTION CITY RFPD	46	1	35	82	50.0%
LAKE CREEK RFPD	0	0	0	0	0.0%
LANE CO FIRE DIST #1	72	3	159	234	30.8%
LANE RURAL F/R	45	3,157	530	3,732	1.2%
LORANE RFPD	2	18	4	24	8.3%
LOWELL RFPD	25	206	39	270	9.3%
MAPLETON FD	1	0	0	1	100.0%
MCKENZIE F&R	25	510	86	621	4.0%
MOHAWK VALLEY RFD	22	193	94	309	7.1%
OAKRIDGE FD	16	0	8	24	61.5%
PLEASANT HILL RFPD	20	242	60	322	6.2%
SANTA CLARA RFPD	8	0	0	8	100.0%
SIUSLAW VALLEY F&R	42	141	178	361	11.9%
SOUTH LANE COUNTY F&R	72	2,256	246	2,574	2.8%
SPRINGFIELD FIRE LIFE SAFETY	261	8,095	2,514	10,870	2.4%
SWISSHOME-DEADWOOD RFPD	0	0	0	0	0.0%
UPPER MCKENZIE RFPD	10	68	11	89	11.2%
WESTFIR FD	0	0	0	0	0.0%
<b>LINCOLN</b>					
CENTRAL OREGON COAST F&R	12	736	342	1,090	1.1%
DEPOE BAY RFPD	11	382	165	558	2.0%
NEWPORT FD	46	1,097	539	1,682	2.7%
NORTH LINCOLN F&R DIST #1	79	1,419	281	1,779	4.4%
SEAL ROCK RFPD	9	128	75	212	4.2%
SILETZ RFPD	0	0	0	0	0.0%
TOLEDO FD	22	404	288	714	3.1%
YACHATS RFPD	30	297	122	449	6.7%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>LINN</b>					
ALBANY FD	155	16	827	998	13.8%
BROWNSVILLE RFD	4	0	0	4	100.0%
HALSEY-SHEDD RFPD	2	0	0	2	100.0%
HARRISBURG FIRE & RESCUE	23	320	145	488	4.7%
LEBANON FIRE DIST	100	3,389	678	4,167	2.4%
LYONS RFPD	5	0	1	6	83.3%
SCIO RFPD	36	240	78	354	10.2%
SWEET HOME FIRE & AMB DIST	54	1	134	189	28.0%
TANGENT RFPD	29	126	101	256	11.3%
<b>MALHEUR</b>					
ADRIAN RFPD	7	0	0	7	100.0%
JORDAN VALLEY FD	0	0	0	0	0.0%
NYSSA FD	53	30	27	110	47.3%
ONTARIO F&R	60	4	154	218	27.5%
ONTARIO RFPD #7-302	53	4	19	76	69.7%
PAYETTE RFD-OREGON	3	11	10	24	12.5%
VALE FD	17	18	3	38	44.7%
<b>MARION</b>					
AUMSVILLE RFPD	60	357	165	582	10.3%
AURORA RFPD	31	405	172	608	4.9%
DRAKES CROSSING RFPD	1	16	2	19	5.3%
GATES RFPD	16	135	38	189	8.5%
HUBBARD RFPD	35	197	145	377	9.0%
IDANHA-DETROIT RFPD	0	0	0	0	0.0%
JEFFERSON RFPD	58	654	244	956	5.8%
KEIZER FIRE DIST	51	2,958	819	3,828	1.3%
MARION COUNTY FIRE DISTRICT	127	4,421	1,076	5,624	2.3%
MILL CITY RFPD	5	62	34	101	5.0%
MONITOR RFPD #58	2	2	2	6	16.7%
MOUNT ANGEL FIRE DIST	29	0	45	74	36.5%
SALEM FD	462	0	7	469	74.4%
SILVERTON RFPD	47	496	356	899	5.2%
ST PAUL FIRE DIST	0	0	0	0	0.0%
STAYTON FIRE DISTRICT	77	377	363	817	9.4%
SUBLIMITY RFPD	0	0	0	0	0.0%
TURNER FIRE DIST	36	478	160	674	5.3%
WOODBURN FIRE DIST	96	1,240	865	2,201	4.4%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>MORROW</b>					
BOARDMAN RFPD	74	16	148	238	31.1%
HEPPNER FD	30	30	52	112	25.0%
IONE FD	0	1	3	4	0.0%
IRRIGON RFPD	24	10	21	55	42.1%
LEXINGTON FD	0	0	0	0	0.0%
<b>MULTNOMAH</b>					
GRESHAM FIRE & EMERG SRVCS	397	9,651	3,035	13,083	3.0%
MULTNOMAH CO RFPD #14	23	0	0	23	100.0%
PORTLAND BUREAU OF F&R&EMS	2,303	0	2	2,305	99.9%
SAUVIE ISLAND VOL FD	1	1	0	2	66.7%
<b>POLK</b>					
DALLAS FD	29	155	168	352	7.4%
FALLS CITY FD	10	69	20	99	10.9%
POLK CO FIRE DIST NO 1	60	1,376	370	1,806	3.3%
SPRING VALLEY RFPD	0	0	0	0	0.0%
SW POLK CO RFPD	33	285	135	453	6.8%
<b>SHERMAN</b>					
MORO FD CITY OF	3	0	3	6	50.0%
MORO RFPD	15	8	9	32	46.9%
NORTH SHERMAN CO RFPD	15	8	8	31	48.4%
RUFUS VOL FD	0	0	0	0	0.0%
SOUTH SHERMAN RFPD	14	73	8	95	14.7%
<b>TILLAMOOK</b>					
BAY CITY FD	8	86	34	128	6.3%
GARIBALDI FD	4	50	50	104	3.8%
NEHALEM BAY FIRE & RESCUE DISTRICT	34	462	112	608	5.6%
NESTUCCA RFP	22	379	162	563	3.9%
NETARTS-OCEANSIDE RFPD	6	96	43	145	4.1%
ROCKAWAY FD	6	16	45	67	9.0%
TILLAMOOK FIRE DIST	37	407	187	631	5.9%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>UMATILLA</b>					
ATHENA FD	0	0	0	0	0.0%
EAST UMATILLA CO RFPD	16	0	2	18	88.9%
ECHO RFPD	35	0	11	46	74.5%
HELIX RFPD	2	5	9	16	12.5%
HERMISTON FIRE & EMS	168	42	249	459	36.6%
MILTON-FREEWATER FD	26	0	24	50	52.0%
MILTON-FREEWATER RURAL FD	56	0	39	95	56.8%
PENDLETON FIRE & AMBULANCE SERVICE	86	2,334	451	2,871	2.9%
PILOT ROCK RFPD	32	2	18	52	55.8%
STANFIELD FIRE DIST	51	126	43	220	21.8%
UKIAH FD	0	0	0	0	0.0%
UMATILLA RFPD	0	0	0	0	0.0%
<b>UNION</b>					
COVE RFPD	1	0	0	1	100.0%
ELGIN RFPD	24	25	12	61	34.4%
IMBLER RFPD	0	0	0	0	0.0%
LA GRANDE FD	38	1,728	632	2,398	1.6%
LA GRANDE RFPD	37	162	89	288	12.5%
POWDER RFPD	0	0	0	0	0.0%
UNION EMERGENCY SERVICES	26	15	16	57	45.6%
<b>WALLOWA</b>					
ENTERPRISE FD	16	13	15	44	34.1%
JOSEPH FD	8	2	7	17	47.1%
LOSTINE FD	0	0	0	0	0.0%
WALLOWA FD	11	12	1	24	45.8%
<b>WASCO</b>					
ANTELOPE FD	0	0	0	0	0.0%
DUFUR VOL FD	2	1	1	4	50.0%
JUNIPER FLAT RFPD	9	16	18	43	18.6%
MAUPIN FD	4	0	0	4	100.0%
MID-COLUMBIA F&R	10	352	37	399	2.5%
MOSIER FD	8	53	14	75	10.7%
SHANIKO VOL FD	0	0	0	0	0.0%
TYGH VALLEY VOL FD	8	0	0	8	100.0%
WAMIC RFPD	8	2	3	13	61.5%

## 2013 Reported Fires and Incidents

COUNTY / AGENCY	Fires	EMS	Non-Fire/EMS	Total Calls	% of Fire
<b>WASHINGTON</b>					
BANKS FIRE DIST #13	51	297	163	511	9.6%
CORNELIUS FD	72	743	439	1,254	5.7%
FOREST GROVE F&R	112	2,300	903	3,315	3.4%
GASTON RFPD	31	254	141	426	7.0%
HILLSBORO FD	279	5,836	2,979	9,094	3.1%
TUALATIN VALLEY F&R	1,047	22,245	12,007	35,299	3.0%
WASHINGTON CO FD #2	75	468	376	919	7.8%
<b>WHEELER</b>					
FOSSIL VOL FD	0	0	0	0	0.0%
MITCHELL VOL FD	0	0	0	0	0.0%
SPRAY VOL FD	0	0	0	0	0.0%
<b>YAMHILL</b>					
AMITY FIRE DIST	9	0	0	9	100.0%
CARLTON FIRE DISTRICT	19	89	76	184	10.3%
DAYTON FIRE DISTRICT	31	317	126	474	6.3%
DUNDEE FD	44	273	260	577	7.3%
LAFAYETTE FD	4	177	122	303	1.3%
MCMINNVILLE FD	57	4,881	1,054	5,992	1.0%
NEWBERG FD	80	3,311	912	4,303	1.9%
SHERIDAN FD	58	959	152	1,169	5.0%
WEST VALLEY FIRE DIST	34	1,064	139	1,237	2.7%
YAMHILL FPD	37	144	87	268	13.8%

The data in Appendix 1 was obtained from the Oregon Fire Bridge™ and is based on incident reports submitted to the Office of State Fire Marshal as of March 31, 2014 from the agencies listed.

Multiple agencies may have responded to the same incident, this results in a situation in which aid is given. As such, the combined totals in each category of this appendix (Fire, EMS, Non-Fire/EMS) will not equal the totals elsewhere in this report as aid given calls are excluded from those totals.

A blank or zero indicates no information was reported or the amount was zero.

### DEFINITIONS

Fires - reported responses to actual fires.

EMS - reported responses to sick and/or injured persons.

Non-Fire or EMS - reported responses to incidents not involving an actual fire or sick and/or injured persons.

Total Calls - total of all three types of responses for each agency.

Aid Given - number of instances in which mutual, automatic, or other aid was reported as given to another fire agency.

**2013 Reported Population, Valuation Resources**

**APPENDIX 2**

**DEMOGRAPHICS & VALUATIONS**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOClass
<b>BAKER</b>							
BAKER CITY FD	9,890				\$1,422,335		
BAKER RFPD	2,500	90			\$95,900		
BURNT RIVER FIRE & EMS DEPT							
EAGLE VALLEY RFPD	380	40	180		\$29,862	0.85	6/8B
GRANITE CITY FD	38						
GREATER BOWEN VALLEY RFPD	172	79			\$9,825		
HAINES FPD	900	140			\$66,700		
HUNTINGTON FD	350	1	300	\$3,000,000	\$27,915	1	7
KEATING RFPD	120	132			\$12,250		
MEDICAL SPRINGS RFPD	135	125	72		\$27,915	0	8B
PINE VALLEY RFPD	1,000	100			\$43,000		
POWDER RIVER RFPD					\$47,700		
SUMPTER FD	201						
UNITY VOL FD	70						
<b>BENTON</b>							
ADAIR RFPD	2,100	18			\$148,200		
ALSEA RFPD	1,200	175			\$137,300		
BLODGETT-SUMMIT RFPD	850	32			\$29,600		
CORVALLIS FD	67,480	45		\$5,639,703,876	\$10,485,960	1.36	3/8B/9
HOSKINS-KINGS VLY RFPD	300	27			\$56,579		
MONROE RFPD	3,000	134			\$331,120		
PHILOMATH F&R	10,000	58			\$1,000,883		
<b>CLACKAMAS</b>							
BORING FIRE DIST	20,000	64	8,000		\$4,200,000	2.38	3/5
CANBY RFPD	32,000	54			\$4,122,423		
CLACKAMAS CO FIRE DIST #1	179,000	194	55,567	\$17,544,634,331	\$41,224,440	2.4	3
COLTON RFPD #70	5,100	46			\$339,997		
ESTACADA RFD #69	15,000	88	4,300	\$878,222,136	\$3,015,319	2.4	4/5/9
GLADSTONE FD	11,500						
HOODLAND FIRE DIST 74	8,400	45			\$2,293,847		
LAKE OSWEGO FIRE DEPARTMENT	37,067	11	17,230	\$5,835,726,037	\$9,860,000	1.82	3
MOLALLA FIRE DIST	21,000	105			\$2,000,000	0.78	4/8B/10
SANDY RFPD #72	19,000	77			\$3,870,997	2.17	4/10

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOCClass
<b>CLATSOP</b>							
ASTORIA F&R	9,525						
CANNON BEACH RFPD	2,360	6	3,210	\$982,997,892	\$907,619	0.83	4/9
ELSIE-VINEMAPLE RFPD	1,900	30			\$82,503		
GEARHART VOL FD	3,200	27	2,500	\$984,900,112	\$368,539	0.32	4
HAMLET VOL FD	365	18			\$39,075		
JOHN DAY-FERNHILL RFP	500	20	150	\$31,276,048	\$36,000		6/10
KNAPPA-SVENSEN-BURNSIDE RFPD	4,000	80	1,200	\$208,452,848	\$246,000	1.18	5/8
LEWIS & CLARK RFPD	3,000	25	1,015	\$158,239,952	\$518,250	1.84	7
OLNEY WALLUSKI F&R	3,200	45			\$91,650		
SEASIDE F&R	7,560	15		\$1,118,228,786	\$588,351		4/3-3Y
WARRENTON FD	5,135						
WESTPORT-WAUNA RFPD	380	6			\$43,291		
<b>COLUMBIA</b>							
CLATSKANIE RFPD	8,000	135			\$1,820,409		
COLUMBIA RIVER F&R	30,000	200			\$10,323,958	2.97	4/8B
MIST BIRKENFELD RFPD	1,350	165			\$707,828		
SCAPPOOSE RFPD	12,500	100	3,482	\$1,043,000,000	\$2,900,000	2.04	4/8B
VERNONIA RFPD	3,600	36	1,402	\$92,629,780	\$323,250	0.95	4/8B
<b>COOS</b>							
BANDON RFPD #8	6,500	160			\$578,500		
BRIDGE RFPD	1,000	35			\$26,465		
CHARLESTON RFPD	8,000	8			\$622,300		
COOS BAY F&R	16,160	17					
COQUILLE FD	3,850	1,224			\$160,000		
DORA-SITKUM RFPD	250	18	131	\$20,568,407	\$29,064		9
FAIRVIEW RFPD	414	209	207	\$36,149,498	\$90,000	2.17	8
GREENACRES RFPD	689	11			\$89,821		
HAUSER RFPD	6,000	26			\$152,500		
LAKESIDE RFPD	3,700	13			\$518,145		
MILLINGTON FIRE DIST #5	3,700	14			\$241,943		
MYRTLE POINT FIRE & AMBULANCE	2,525						
NORTH BAY RFPD							
NORTH BEND FD	5,418	30			\$222,500		
POWERS FD	695						
SUMNER RFPD	1,300	14			\$87,771		

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOCClass
<b>CROOK</b>							
CROOK CO F&R	20,000	435			\$4,603,056		
<b>CURRY</b>							
AGNESS-ILLAHE RFPD	200	50			\$23,982		
BROOKINGS F&R	6,450	3					
CAPE FERRELO RFPD	1,100	19			\$54,800		
CEDAR VALLEY-N BANK RFPD	1,000	20			\$59,200		
GOLD BEACH FD	2,110	2	791	\$250,421,712	\$81,700	0.04	5
HARBOR RFPD	4,800	5	2,300	\$5,010,000	\$99,000	0.23	4
LANGLOIS RFPD #4-107	300	25	150	\$51,110,654	\$317,050	1.6	6/8
OPHIR RFPD	900	63			\$67,777		
PISTOL RIVER FIRE DIST	600	18			\$77,017		
PORT ORFORD RFPD	2,200	110			\$97,300		
SIXES RFPD	240	42			\$12,920		
WINCHUCK RFPD	400	8			\$32,950		
<b>DESCHUTES</b>							
BEND FD	78,280	1,450					
BLACK BUTTE RANCH RFPD	3,000	3	1,254	\$608,129,154	\$1,916,610	3.03	4
CLOVERDALE RFPD	4,000	50	3,600	\$313,000,000	\$366,510	1.09	6/10 3/10
LA PINE RFPD	22,000	115	7,000	\$1,194,248,928	\$3,163,691	2.4	4/5
OREGON OUTBACK RFPD	480	35			\$49,660		
REDMOND F&R	45,000	233			\$8,506,000		
SISTERS-CAMP SHERMAN RFPD	8,000	200	2,500	\$696,616,367	\$3,600,000	2.73	4/8B
SUNRIVER FD	1,500	5			\$4,818,324		
<b>DOUGLAS</b>							
AZALEA VOLS	1,200	50			\$61,000		
CAMAS VALLEY VOL RFD	2,400	300			\$98,016		
CANYONVILLE SOUTH UMPQUA FD	3,500	15			\$142,850		
DAYS CREEK RFD	1,000	20			\$41,000		
DOUGLAS CO FIRE DIST #2	82,160	108			\$11,295,222		
ELKTON RFPD	2,400	16			\$48,400		
FAIR OAKS RFPD	7,930						
GARDINER RFPD	402	2			\$31,160		
GLENDALE RFPD	2,250	8			\$72,050		
GLIDE RFPD	5,000	25			\$304,440		
KELLOGG RFD	823	18	329		\$50,149	0.81	9

**2013 Reported Population, Valuation Resources**

<b>County / Agency</b>	<b>District Population</b>	<b>District Size (Sq. Mi.)</b>	<b>Family Dwellings</b>	<b>Cash Value of District</b>	<b>Agency Total Budget</b>	<b>\$ To Operate per \$1000</b>	<b>ISOCClass</b>
<b>DOUGLAS</b>							
LOOKINGGLASS RFD	2,200	25	1,100	\$117,897,103	\$61,000	0.51	6/8B
MILO RFPD	320	18			\$26,642		
MYRTLE CREEK FD	3,500	10			\$38,950		
NORTH DOUGLAS CO FIRE & EMS	6,000	53	2,122	\$405,031,442	\$1,300,000	1.22	5/6/9
OAKLAND RFPD	1,800	100	700	\$152,383,037	\$96,669	1.02	5 - 8
REEDSPORT VOL FD	4,280	5	2,000	\$12,151,820	\$101,100	0.45	4
RIDDLE RFPD	1,185						
ROSEBURG FD	22,275	11	6,681	\$2,564,871,831	\$5,805,404	3.97	3
SCOTTSBURG RFD	500	12			\$65,861		
TENMILE RFPD	3,000	25			\$81,200		
TILLER RFD	200	4			\$23,050		
TRI CITY FIRE DIST #4 (DOUG)	3,635	12			\$207,150		
WINCHESTER BAY RFPD	500	1			\$76,775		
WINSTON-DILLARD FIRE DIST	5,400						
<b>GILLIAM</b>							
NORTH GILLIAM CO RFPD	805	435			\$258,744		
SOUTH GILLIAM CO RFPD	1,100	787			\$63,070		
<b>GRANT</b>							
CANYON CITY FD	665	2	300	\$500,000	\$30,000		6
DAYVILLE FD	150	1					
JOHN DAY FD	1,745						
JOHN DAY RFPD							
MONUMENT FD	130						
MONUMENT RFD	100	35			\$11,640		
MT VERNON FD	200	145			\$44,637		
PRAIRIE CITY FD	1,000	131	600		\$29,000	0.03	04/8B
<b>HARNEY</b>							
BURNS FD	3,800	3					5
HINES FD	1,560						
<b>HOOD RIVER</b>							
CASCADE LOCKS FIRE & EMS	1,200						
HOOD RIVER FD	7,400	3	2,000	\$777,000,000	\$2,100,000	2.7	4
PARKDALE RFPD	5,300	450			\$414,700		
WEST SIDE RFPD	6,200	25	2,450		\$384,600	0.78	5
WY-EAST RFPD	6,500	30	1,890	\$376,130,222	\$1,067,300	1.07	4/8b

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOCClass
<b>JACKSON</b>							
APPLEGATE VALLEY RFPD #9	10,000	181			\$1,515,395		
ASHLAND F&R	22,000	6	10,301				4
BUTTE FALLS VOL FD	430						
COLESTIN RFPD	300	28			\$32,056		
EVANS VALLEY FIRE DIST #6	4,000	26	1,000		\$294,643	1.29	8B
GREENSPRINGS RFPD	700	200			\$43,413		
JACKSON CO FD #3	48,000	167				3.11	
JACKSON CO RFPD #4	6,000	55			\$764,200		
JACKSON COUNTY FIRE DISTRICT 5	23,000	115			\$4,426,283		
JACKSONVILLE FD	2,800	2	1,850				4
LAKE CREEK RFPD #8	1,100	107			\$102,777		
MEDFORD FIRE-RESCUE	75,920	56					
PROSPECT RFPD	2,500	10			\$92,475		
ROGUE RIVER RFPD	12,000	77		\$639,239,000	\$1,835,908	1.93	4/10
ROGUE VALLEY INTL AIRPORT FD	90,000	2			\$750,000		
<b>JEFFERSON</b>							
CROOKED RIVER RANCH RFPD	5,000	12	2,700	\$1,477,799,315	\$1,097,414	2.52	5/8
JEFFERSON CO RFPD #1	14,000	200			\$1,500,000	1.18	5
LAKE CHINOOK FIRE & RESCUE	4,000	40			\$123,190		
WARM SPRINGS FIRE SFTY	4,000						
<b>JOSEPHINE</b>							
GRANTS PASS DEPT PUBLIC SAFETY	34,855						
ILLINOIS VALLEY FIRE DIST	17,000	440	6,000		\$980,000	2.22	5/7/ 10
RURAL METRO FD		250					
WILLIAMS RFPD	3,100	37			\$168,650		
WOLF CREEK RFPD	850	32			\$109,662		

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOClass
<b>KLAMATH</b>							
BLY RFPD	500	7		\$14,276,214	\$40,346	0.98	6
BONANZA RFPD	2,000	123			\$60,750		
CENTRAL CASCADES FIRE & EMS	100	30			\$112,625		
CHEMULT RFPD	1,500	2,000			\$201,000		
CHILOQUIN-AGENCY LK RFPD	3,500	105	1,750	\$304,169,914	\$384,659	0.9	5/10
CRESCENT RFPD	1,800	874			\$518,060		
KENO RFPD	3,700	44			\$805,600		
KLAMATH CO FD #3	3,300	10			\$14,500		
KLAMATH CO FD #4	3,000	5			\$105,270		
KLAMATH CO FD #5	8,000	60			\$54,242		
KLAMATH CO FIRE DIST #1	52,000	192	18,480	\$279,060,521	\$9,524,811	2.88	4/8B/10
MALIN RFPD	1,500	80	1,000	\$9,564,230	\$177,000	0.39	6/8
MERRILL RFPD	2,000	72			\$90,000		
ROCKY POINT FIRE & EMS	460	118			\$87,546		
<b>LAKE</b>							
CHRISTMAS VALLEY RFPD	2,500	100			\$263,774		
LAKEVIEW FD	2,000	110			\$122,224		
NEW PINE CREEK RFPD							
PAISLEY VOL FD	237						
SILVER LAKE RFPD	500	131			\$112,500		
THOMAS CREEK WESTSIDE RFPD	600	110			\$176,000		
<b>LANE</b>							
COBURG RFPD	5,000	32			\$484,500		
DEXTER RFPD	3,000	23	1,200	\$156,316,487	\$488,000	1.52	7
EUGENE FIRE & EMS	170,352	73	75,950	\$12,916,734,461	\$34,759,000	2.18	3
GOSHEN FIRE DIST	4,500	13	750	\$246,067,985	\$488,779	1.71	5
JUNCTION CITY RFPD	12,000	74			\$937,320		
LAKE CREEK RFPD	485	30			\$88,825		
LANE CO FIRE DIST #1	20,000	200	6,208	\$1,610,390,819	\$3,127,915	1.98	4/8B
LANE RURAL F/R	12,000	76	2,412	\$1,068,930,674	\$3,376,802	2.12	5/8B
LORANE RFPD	700	12	270	\$39,235,287	\$119,778	2.29	7B/8
LOWELL RFPD	2,400	23	1,100	\$146,185,884	\$378,360	2.7	4/8b
MAPLETON FD	500	25			\$138,226		
MCKENZIE F&R	10,000	45	1,275	\$27,926,190,650	\$2,245,236	1.61	5
MOHAWK VALLEY RFD	4,000	27	1,800	\$339,539,119	\$498,575	1.91	4/8B

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOCClass
<b>LANE</b>							
OAKRIDGE FD	3,215						
PLEASANT HILL RFPD	17,000	26			\$290,489		
SANTA CLARA RFPD	25,000	6			\$795,315		
SIUSLAW VALLEY F&R	59,990	120	10,000		\$2,000,000	1.24	5
SOUTH LANE COUNTY F&R	25,000	132	5,727	\$2,234,174,981	\$4,400,000	1.5	5/9
SPRINGFIELD FIRE LIFE SAFETY	59,990	16	24,871	\$4,043,528,204	\$11,655,418	2.44	3
SWISSHOME-DEADWOOD RFPD	750	45			\$71,215		
UPPER MCKENZIE RFPD	1,800	6	600	\$136,000,000	\$198,000	1.69	5/8B
WESTFIR FD	255						
<b>LINCOLN</b>							
CENTRAL OREGON COAST F&R	4,500	85	2,500	\$250,289,193	\$959,425	0.82	6/8
DEPOE BAY RFPD	3,560	10			\$1,197,974		
NEWPORT FD	10,400	10	5,528		\$2,309,814	0.93	4/8B
NORTH LINCOLN F&R DIST #1	14,000	85	3,500	\$1,900,514,519	\$3,649,114	0.68	4/8
SEAL ROCK RFPD	4,300	15			\$260,100		
SILETZ RFPD	3,800	39			\$246,600	1.33	5/8
TOLEDO FD	4,800	55			\$165,700		
YACHATS RFPD	3,500	14	1,898		\$738,400	1.49	5/9
<b>LINN</b>							
ALBANY FD	50,720						
BROWNSVILLE RFD	3,800	68		\$349,868,032	\$234,000	1.2	4/8/10
HALSEY-SHEDD RFPD	3,000	110			\$373,147		
HARRISBURG FIRE & RESCUE	5,100	86	1,100		\$436,880	1.12	4/8/10
LEBANON FIRE DIST	35,000	156	10,800		\$6,401,752	2.26	3/5/8b/10
LYONS RFPD	2,600	37	1,099	\$220,082,141	\$1,135,970	1.65	5/8
SCIO RFPD	5,000	101			\$518,780		
SWEET HOME FIRE & AMB DIST	20,000	159			\$1,813,893		
TANGENT RFPD	3,500	45			\$555,420		

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOClass
<b>MALHEUR</b>							
ADRIAN RFPD	435	310			\$35,450		
JORDAN VALLEY FD	175						
NYSSA FD	3,000	68			\$100,540		
ONTARIO F&R	11,465	100					
ONTARIO RFPD #7-302	3,675	120			\$302,222		
PAYETTE RFD-OREGON							
VALE FD	2,500	125			\$87,500		
<b>MARION</b>							
AUMSVILLE RFPD	7,000	32	1,237	\$603,896,032	\$1,480,755	1.36	5/8
AURORA RFPD	3,600	64			\$855,000		
DRAKES CROSSING RFPD	900	25			\$129,808		
GATES RFPD	1,000	21			\$118,264		
HUBBARD RFPD	5,000	7	2,000	\$337,716,260	\$188,259	0.08	4 (City), 8b (Rural)
IDANHA-DETROIT RFPD	400	489			\$114,090		
JEFFERSON RFPD	11,000	100			\$1,775,880		
KEIZER FIRE DIST	35,000	10			\$4,514,734		
MARION COUNTY FIRE DISTRICT	50,000	88			\$8,568,020		
MILL CITY RFPD	2,500	10	1,000	\$127,037,329	\$815,562	1.3	4/5...8
MONITOR RFPD #58	3,300	35			\$105,335		
MOUNT ANGEL FIRE DIST	6,900	37	1,700	\$217,455,950	\$491,369	1.01	5
SALEM FD	163,500	79			\$26,099,450		2/8b
SILVERTON RFPD	18,000	106			\$1,345,929		
ST PAUL FIRE DIST	1,700	35			\$277,300		
STAYTON FIRE DISTRICT	15,500	107		\$1,343,949,074	\$1,805,660	1.31	5
SUBLIMITY FIRE DISTRICT	4,500	44			\$541,050		
TURNER FIRE DIST	8,000	56	2,064	\$446,546,398	\$1,907,475	1.76	4/8B
WOODBURN FIRE DIST	35,000	75	8,750	\$1,762,219,445	\$2,800,000	1.6	4/8
<b>MORROW</b>							
BOARDMAN RFPD	7,000	330	1,100	\$1,211,966,147	\$1,159,875	0.75	5
HEPPNER FD	1,290	161			\$35,338		
IONE FD	330	0			\$86,550		
IRRIGON RFPD	2,875	10			\$197,342		
LEXINGTON FD	255						

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOClass
<b>MULTNOMAH</b>							
GRESHAM FIRE & EMERG SRVCS	106,180						
MULTNOMAH CO RFPD #14	5,400	40	1,320	\$387,340,184	\$609,841	1.26	5/8B
PORTLAND BUREAU OF F&R&EMS	591,371						
SAUVIE ISLAND VOL FD	1,300	110			\$340,577		
<b>POLK</b>							
DALLAS FD	14,760		6,137	\$946,407,259	\$2,085,828		3
FALLS CITY FD	950						
POLK CO FIRE DIST NO 1	22,000	204			\$3,215,062		
SPRING VALLEY RFPD							
SW POLK CO RFPD	11,000	125	4,400	\$949,182,303	\$650,061	0.09	6/10
<b>SHERMAN</b>							
MORO FD CITY OF	325						
MORO RFPD	300	210			\$73,000		
NORTH SHERMAN CO RFPD	1,150	220			\$129,384		
RUFUS VOL FD	255						
SOUTH SHERMAN RFPD	400	387			\$140,750		
<b>TILLAMOOK</b>							
BAY CITY FD	1,350	3	350	\$105,045,000	\$128,000	0.49	5
GARIBALDI FD	790						
NEHALEM BAY FIRE & RESCUE DISTRICT	3,400	26			\$611,024		
NESTUCCA RFP	5,000	250	2,500		\$711,024	0.91	6/8B
NETARTS-OCEANSIDE RFPD	1,100	125			\$498,990		
ROCKAWAY FD	1,325						
TILLAMOOK FIRE DIST	11,500	97	5,500	\$1,181,260,100	\$1,025,898	0.69	3 / 3Y

**2013 Reported Population, Valuation Resources**

<b>County / Agency</b>	<b>District Population</b>	<b>District Size (Sq. Mi.)</b>	<b>Family Dwellings</b>	<b>Cash Value of District</b>	<b>Agency Total Budget</b>	<b>\$ To Operate per \$1000</b>	<b>ISOCClass</b>
<b>UMATILLA</b>							
ATHENA FD	1,125						
EAST UMATILLA CO RFPD	2,800	274	670	\$204,530,149	\$275,000	1	6/8b
ECHO RFPD	700						
HELIX RFPD	500	252			\$71,000		
HERMISTON FIRE & EMS	32,000	450			\$3,864,673		
MILTON-FREEWATER FD	7,050	2	2,479				4
MILTON-FREEWATER RURAL FD	6,400	325	2,800	\$750,000,000			6/8
PENDLETON FIRE & AMBULANCE SERVICE	16,780						
PILOT ROCK RFPD	3,000	342	1,000	\$10,650,000	\$237,550	1.6	5
STANFIELD FIRE DIST	2,900	52	850	\$169,290,930	\$345,592		5-8B
UKIAH FD	235						
UMATILLA RFPD	6,000	32			\$448,984		
<b>UNION</b>							
COVE RFPD	2,650	39			\$61,000		
ELGIN RFPD	2,600	100			\$46,341		
IMBLER RFPD	1,293	69	472	\$221,147,030	\$147,500	0.9	5/8
LA GRANDE FD	6,000	135	1,000	\$528,718,660	\$462,455	0.97	5/8B
LA GRANDE RFPD	2,500	100			\$304,754		
POWDER RFPD		160			\$91,200		
UNION EMERGENCY SERVICES	2,000	3	859				
UNION RFPD	2,150						
<b>WALLOWA</b>							
ENTERPRISE FD	1,940	2	871				
JOSEPH FD	1,095	1	509				
LOSTINE FD	215	1	95				
WALLOWA FD	810	1	352				

**2013 Reported Population, Valuation Resources**

County / Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	Agency Total Budget	\$ To Operate per \$1000	ISOClass
<b>WASCO</b>							
ANTELOPE FD	45						
DUFUR VOL FD	660		327				5
JUNIPER FLAT RFPD	400	96			\$75,550		
MAUPIN FD	420	8	269	\$43,121,289	\$2,149,226		5/9
MID-COLUMBIA F&R	18,000	110	7,500	\$1,931,081,117	\$4,947,567	2.1	5/9
MOSIER FD	1,500	22			\$178,410		
SHANIKO VOL FD	35						
TYGH VALLEY VOL FD	400	45			\$15,221		
WAMIC RFPD	1,400	97	700		\$160,983	0	6/9
<b>WASHINGTON</b>							
BANKS FIRE DIST #13	11,200	136			\$1,188,626		
CORNELIUS FD	15,500	42	4,234	\$725,488,357	\$1,000,135	1.27	4
FOREST GROVE F&R	21,460	5	8,625	\$1,214,000,000	\$3,081,313	2.72	4
GASTON RFPD	6,100	55	2,000	\$296,022,256	\$1,083,230	1.76	5/8
HILLSBORO FD	93,340	24	38,238	\$20,425,663,164	\$18,433,463	1.11	2
TUALATIN VALLEY F&R	454,223	210			\$97,391,511	1.91	
WASHINGTON CO FD #2	26,000	122			\$3,338,395		
<b>WHEELER</b>							
FOSSIL VOL FD	470	1	247	\$24,463,696	\$7,000		6
MITCHELL VOL FD	130						
SPRAY VOL FD	160						
<b>YAMHILL</b>							
AMITY FIRE DIST	3,500	85			\$290,634		
CARLTON FIRE DISTRICT	2,065						
DAYTON FIRE DISTRICT	5,000	80			\$279,107		
DUNDEE FD	4,500	13	1,500	\$404,174,602	\$332,000		4/8/9
LAFAYETTE FD	3,755						
MCMINNVILLE FD	32,510						
NEWBERG FD	35,000	65	10,000	\$975,000,000	\$3,200,000	1.43	3/8B
SHERIDAN FD	8,000	104			\$3,200,000		
WEST VALLEY FIRE DIST	3,200	324			\$1,346,100		
YAMHILL FPD	3,500	72			\$285,480		

## **2013 Reported Population, Valuation Resources**

The information in this Appendix was compiled from Fire Service Inventory Reports submitted to the Office of State Fire Marshal by Oregon fire agencies and from information provided by the Special Districts Association of Oregon (SDAO), as reported by the respective fire agency. Not all agencies provided information and some only provided limited information.

Information on District Population, District Size, and Agency Budget not provided by local fire agencies through Fire Service Inventory Reports or SDAO was obtained from the U.S. Census Bureau, agency websites, and the Oregon Secretary of State's Office where available.

Valuation amounts are estimates provided by the named agency and are not actual insurance estimates or totals.

A blank or zero indicates the information was not reported or the amount was zero.

**2013 Reported Personnel Resources**

**APPENDIX 3**

**PERSONNEL RESOURCES**

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>BAKER</b>											
BAKER CITY FD											
BAKER RFPD			3	20	0						
BURNT RIVER FIRE & EMS DEPT											
EAGLE VALLEY RFPD	VOLUNTEER	No	0	8	0	1	7	No	No	No	No
GRANITE CITY FD											
GREATER BOWEN VALLEY RFPD			0	10	0						
HAINES FPD			0	21	0						
HUNTINGTON FD	VOLUNTEER	No		10		4	6	No	Yes	No	No
KEATING RFPD			0	13	6						
MEDICAL SPRINGS RFPD	VOLUNTEER	No	0	9	0	1	8	No	No	No	No
PINE VALLEY RFPD			1	10	0						
POWDER RIVER RFPD			0	11	0						
SUMPTER FD											
UNITY VOL FD											
<b>BENTON</b>											
ADAIR RFPD			1	15	5						
ALSEA RFPD			1	17	9						
BLODGETT-SUMMIT RFPD			0	10	4						
CORVALLIS FD	COMBINATION	Yes	51	41		1	47	Yes	Yes	No	No
HOSKINS-KINGS VLY RFPD			0	13	5						
MONROE RFPD			1.5	30	7						
PHILOMATH F&R			7	37	39						
<b>CLACKAMAS</b>											
BORING FIRE DIST	COMBINATION	Yes	22	105	87	4	95	No	Yes	Yes	Yes
CANBY RFPD			20	30	20						
CLACKAMAS CO FIRE DIST #1	COMBINATION	Yes	205	60	164	7	153	No	Yes	No	Yes
COLTON RFPD #70			1.5	36	15						
ESTACADA RFD #69	COMBINATION	Yes	14	56	36	1	47	No	Yes	No	Yes
GLADSTONE FD											
HOODLAND FIRE DIST 74			11	58	39						
LAKE OSWEGO FIRE DEPARTMENT	CAREER	Yes	54			0	52	Yes	Yes	No	No
MOLALLA FIRE DIST	COMBINATION	Yes	6	56	31	4	27	Yes	Yes	No	Yes
SANDY RFPD #72	COMBINATION	Yes	14	58	34	1	64	No	Yes	Yes	Yes

### 2013 Reported Personnel Resources

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>CLATSOP</b>											
ASTORIA F&R			11								
CANNON BEACH RFPD	COMBINATION	No	2	22	18	2	21	No	Yes	Yes	Yes
ELSIE-VINEMAPLE RFPD			0	15	6						
GEARHART VOL FD	COMBINATION	No	0	27	11	0	0	No	Yes	No	Yes
HAMLET VOL FD			0	12	1						
JOHN DAY-FERNHILL RFP	VOLUNTEER	No	0	6	3	2	4	No	Yes	No	No
KNAPPA-SVENSEN-BURNSIDE RFPD	COMBINATION	No	1	20	16	5	15	No	Yes	Yes	Yes
LEWIS & CLARK RFPD	COMBINATION	No	1	23	6	4	19	No	Yes	No	Yes
OLNEY WALLUSKI F&R			0	17	4						
SEASIDE F&R	COMBINATION	Yes	3.5	34	4	3	34	No	Yes	No	No
WARRENTON FD											
WESTPORT-WAUNA RFPD			0	10	2						
<b>COLUMBIA</b>											
CLATSKANIE RFPD			7	30	25						
COLUMBIA RIVER F&R	COMBINATION	Yes	45	50	38	7	88	Yes	Yes	No	Yes
MIST BIRKENFELD RFPD			6	45	12						
SCAPPOOSE RFPD	COMBINATION	Yes	14	31	2	0	0	Yes	Yes	No	No
VERNONIA RFPD	COMBINATION	No	1.5	19	1	4	14	No	No	No	No
<b>COOS</b>											
BANDON RFPD #8			2	22	0						
BRIDGE RFPD			0	12	3						
CHARLESTON RFPD			3.25	40	21						
COOS BAY F&R			16	15							
COQUILLE FD			0	0	0						
DORA-SITKUM RFPD	VOLUNTEER	No	0	12	3	3	9	No	Yes	No	No
FAIRVIEW RFPD			0	21	9	4	12	No	Yes	No	No
GREENACRES RFPD			1	10	7						
HAUSER RFPD			0	20	4						
LAKESIDE RFPD			0	25	3						
MILLINGTON FIRE DIST #5			1	13	0						
MYRTLE POINT FIRE & AMBULANCE											
NORTH BAY RFPD											
NORTH BEND FD			1	31	13						
POWERS FD											
SUMNER RFPD			0	9	4						
<b>CROOK</b>											
CROOK CO F&R			14	35	39						

### 2013 Reported Personnel Resources

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>CURRY</b>											
AGNESS-ILLAHE RFPD			0	13	7						
BROOKINGS F&R			2								
CAPE FERRELO RFPD			0.5	11	0						
CEDAR VALLEY-N BANK RFPD			0	13	0						
GOLD BEACH FD	VOLUNTEER	No	0	18	0	2	16	No	No	Yes	No
HARBOR RFPD	VOLUNTEER	No	0.5	23	0	3	18	No	No	No	No
LANGLOIS RFPD #4-107	VOLUNTEER	No	2	12	0	2	10	No	No	No	No
OPHIR RFPD			0	11	0						
PISTOL RIVER FIRE DIST			0	13	1						
PORT ORFORD RFPD			2	13	0						
SIXES RFPD			0	15	1						
WINCHUCK RFPD			0	11	0						
<b>DESCHUTES</b>											
BEND FD											
BLACK BUTTE RANCH RFPD	COMBINATION	Yes	9	10	8	0	15	Yes	Yes	No	No
CLOVERDALE RFPD	COMBINATION	No	2	22	9	0	22	No	Yes	No	No
LA PINE RFPD	COMBINATION	Yes	25	24	26	2	32	Yes	Yes	No	No
OREGON OUTBACK RFPD			0	5	2						
REDMOND F&R			48	18	51						
SISTERS-CAMP SHERMAN RFPD	COMBINATION	No	13	53	17	3	30	Yes	Yes	No	Yes
SUNRIVER FD			47	15	21						
<b>DOUGLAS</b>											
AZALEA VOLS			0	8	0						
CAMAS VALLEY VOL RFD			0	17	2						
CANYONVILLE SOUTH UMPQUA FD			0	32	10						
DAYS CREEK RFD			0	10	3						
DOUGLAS CO FIRE DIST #2			97	30	100						
ELKTON RFPD			0	8	0						
FAIR OAKS RFPD											
GARDINER RFPD			1	9	2						
GLENDALE RFPD			0	6	2						
GLIDE RFPD			7	30	18						
KELLOGG RFD	VOLUNTEER	No	0	14	8	2	12	No	No	No	No

### 2013 Reported Personnel Resources

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>DOUGLAS</b>											
LOOKINGGLASS RFD	VOLUNTEER	No	0	17	2	2	15	No	Yes	No	No
MILO RFPD			0	5	3						
MYRTLE CREEK FD			0	40	5						
NORTH DOUGLAS CO FIRE & EMS	COMBINATION	No	6	54	14	2	57	Yes	No	No	No
OAKLAND RFPD	VOLUNTEER	No	0	20	5	2	18	No	Yes	No	No
REEDSPORT VOL FD	VOLUNTEER	No	0	32	2	3	29	No	No	Yes	No
RIDDLE RFPD											
ROSEBURG FD	CAREER	Yes	42			0	37	No	Yes	No	No
SCOTTSBURG RFD			0	18	7						
TENMILE RFPD			1	17	2						
TILLER RFD			0	8	3						
TRI CITY FIRE DIST #4 (DOUG)			1	23	3						
WINCHESTER BAY RFPD			0	15	7						
WINSTON-DILLARD FIRE DIST											
<b>GILLIAM</b>											
NORTH GILLIAM CO RFPD			1	9	0						
SOUTH GILLIAM CO RFPD			0	13	0						
<b>GRANT</b>											
CANYON CITY FD	VOLUNTEER	No		14		1	12	No	No	Yes	No
DAYVILLE FD											
JOHN DAY FD											
JOHN DAY RFPD											
MONUMENT FD											
MONUMENT RFD			0	1	0						
MT VERNON FD			3	0	0						
PRAIRIE CITY FD	VOLUNTEER	No		24		2	22	No	No	No	No
<b>HARNEY</b>											
BURNS FD	COMBINATION	No	1	18		0	0	No	No	Yes	No
HINES FD											
<b>HOOD RIVER</b>											
CASCADE LOCKS FIRE & EMS											
HOOD RIVER FD	COMBINATION	Yes	15	30		4	41	Yes	Yes	Yes	No
PARKDALE RFPD			2	36	11						
WEST SIDE RFPD	VOLUNTEER	No	2	68	9	8	60	No	Yes	No	Yes
WY-EAST RFPD	COMBINATION	No	2	55	12	4	53	No	Yes	No	Yes

### 2013 Reported Personnel Resources

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>JACKSON</b>											
APPLEGATE VALLEY RFPD #9			7	42	13						
ASHLAND F&R	CAREER	Yes	34			2	25	Yes	Yes	No	No
BUTTE FALLS VOL FD											
COLESTIN RFPD			0	24	0						
EVANS VALLEY FIRE DIST #6	COMBINATION	No	2	61	1	0	0	No	Yes	No	No
GREENSPRINGS RFPD			0	20	0						
JACKSON CO FD #3			61	30							
JACKSON CO RFPD #4			3	12	15						
JACKSON COUNTY FIRE DISTRICT 5			28	40	40						
JACKSONVILLE FD	COMBINATION	Yes	7	17	3	1	0	No	Yes	No	No
LAKE CREEK RFPD #8			2	12	0						
MEDFORD FIRE-RESCUE											
PROSPECT RFPD			0	10	2						
ROGUE RIVER RFPD	COMBINATION	Yes	14	20	17	2	29	Yes	Yes	No	No
ROGUE VALLEY INTL AIRPORT FD	CAREER	Yes	5			0	6	No	Yes	No	No
<b>JEFFERSON</b>											
CROOKED RIVER RANCH RFPD	COMBINATION	Yes	5	16	6	0	0	Yes	Yes	No	No
JEFFERSON CO RFPD #1	COMBINATION	No	5	60	18	5	38	No	Yes	No	No
LAKE CHINOOK FIRE & RESCUE			1	14	2						
WARM SPRINGS FIRE SFTY											
<b>JOSEPHINE</b>											
GRANTS PASS DEPT PUBLIC SAFETY											
ILLINOIS VALLEY FIRE DIST	COMBINATION	No	7	40	11	5	24	No	Yes	Yes	Yes
RURAL METRO FD											
WILLIAMS RFPD			2	6	7						
WOLF CREEK RFPD			2	17	4						
<b>KLAMATH</b>											
BLY RFPD	VOLUNTEER	No	0	15	2	0	9	No	No	No	Yes
BONANZA RFPD			2	23	0						
CENTRAL CASCADES FIRE & EMS			0.25	8	3						
CHEMULT RFPD			3	15	4						
CHILOQUIN-AGENCY LK RFPD	COMBINATION	No	2	27	5	9	12	No	Yes	No	No
CRESCENT RFPD			5	19	7						
KENO RFPD			2	30	13						
KLAMATH CO FD #3			0	13	0						
KLAMATH CO FD #4			2	25	10						
KLAMATH CO FD #5			0	11	1						
KLAMATH CO FIRE DIST #1	CAREER	Yes	61	0	56	2	51	Yes	Yes	No	No
MALIN RFPD	VOLUNTEER	No	1	9	2	1	9	No	No	No	No
MERRILL RFPD			0	25	2						
ROCKY POINT FIRE & EMS			1	10	3						

**2013 Reported Personnel Resources**

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>LAKE</b>											
CHRISTMAS VALLEY RFPD			1	11	0						
LAKEVIEW FD			0	45	0						
NEW PINE CREEK RFPD											
PAISLEY VOL FD											
SILVER LAKE RFPD			0	11	4						
THOMAS CREEK WESTSIDE RFPD			0	18	0						
<b>LANE</b>											
COBURG RFPD			2	24	17						
DEXTER RFPD	COMBINATION	No	1	17	1	0	0	No	Yes	Yes	No
EUGENE FIRE & EMS	CAREER	Yes	205			9	163	Yes	Yes	No	No
GOSHEN FIRE DIST	COMBINATION	No	2	19	12	3	16	No	Yes	Yes	No
JUNCTION CITY RFPD			5	35	23						
LAKE CREEK RFPD			2	15	0						
LANE CO FIRE DIST #1	COMBINATION	Yes	10	56	2	0	0	No	Yes	Yes	Yes
LANE RURAL F/R	COMBINATION	Yes	17	34	40	16	35	Yes	Yes	Yes	Yes
LORANE RFPD	VOLUNTEER	No	0	20	4	1	6	No	Yes	No	No
LOWELL RFPD	COMBINATION	No	2	25	17	0	0	No	Yes	No	No
MAPLETON FD			4	15	4						
MCKENZIE F&R	COMBINATION	No	4.8	61	49	0	0	No	Yes	No	No
MOHAWK VALLEY RFD	COMBINATION	No	3	37	29	7	33	No	Yes	No	No
OAKRIDGE FD											
PLEASANT HILL RFPD			1	23	14						
SANTA CLARA RFPD			3	35	14						
SIUSLAW VALLEY F&R	COMBINATION	No	6	54	11	4	56	No	Yes	Yes	Yes
SOUTH LANE COUNTY F&R	COMBINATION	Yes	21	33	5	2	52	Yes	Yes	Yes	Yes
SPRINGFIELD FIRE LIFE SAFETY	CAREER	Yes	94			5	75	Yes	Yes	No	No
SWISSHOME-DEADWOOD RFPD			0	18	0						
UPPER MCKENZIE RFPD	VOLUNTEER	No	3	16	2	6	9	No	Yes	No	No
WESTFIR FD											
<b>LINCOLN</b>											
CENTRAL OREGON COAST F&R	COMBINATION	No	10	19	12	2	12	Yes	Yes	Yes	No
DEPOE BAY RFPD			8	27	24						
NEWPORT FD	COMBINATION	Yes	12	33	4	0	10	No	Yes	Yes	No
NORTH LINCOLN F&R DIST #1	COMBINATION	No	8	71	6	4	47	Yes	Yes	No	Yes
SEAL ROCK RFPD			1	20	5						
SILETZ RFPD	COMBINATION	No	2	20	3	0	0	No	Yes	No	No
TOLEDO FD			0	0	0						
YACHATS RFPD	COMBINATION	No	7	9	7	0	0	Yes	No	No	Yes

### 2013 Reported Personnel Resources

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>LINN</b>											
ALBANY FD											
BROWNSVILLE RFD	COMBINATION	No	1	19	9	3	17	No	Yes	No	No
HALSEY-SHEDD RFPD			3	25	7						
HARRISBURG FIRE & RESCUE	COMBINATION	No	4	19	10	1	18	No	Yes	No	No
LEBANON FIRE DIST	COMBINATION	Yes	32	37	38	5	62	Yes	Yes	Yes	Yes
LYONS RFPD	COMBINATION	No	31	26	30	0	16	Yes	Yes	Yes	No
SCIO RFPD			3	52	10						
SWEET HOME FIRE & AMB DIST			11	45	30						
TANGENT RFPD			3	27	12						
<b>MALHEUR</b>											
ADRIAN RFPD			0	15	3						
JORDAN VALLEY FD											
NYSSA FD			0	25	0						
ONTARIO F&R	COMBINATION		10	29							
ONTARIO RFPD #7-302			0	0	0						
PAYETTE RFD-OREGON											
VALE FD			0	0	0						
<b>MARION</b>											
AUMSVILLE RFPD	COMBINATION	No	4	16	15	1	15	No	Yes	No	No
AURORA RFPD			4.5	47	24						
DRAKES CROSSING RFPD			4	16	2						
GATES RFPD			0	12	2						
HUBBARD RFPD	COMBINATION	No	1	21	1	0	0	No	Yes	No	No
IDANHA-DETROIT RFPD			1	12	5						
JEFFERSON RFPD			6	46	16						
KEIZER FIRE DIST			24	36	42						
MARION COUNTY FIRE DISTRICT			47	100	0						
MILL CITY RFPD	COMBINATION	No	2	14	5	1	14	No	Yes	No	No
MONITOR RFPD #58			0	28	13						
MOUNT ANGEL FIRE DIST	VOLUNTEER	No	1.5	40	3	3	34	No	Yes	No	No
SALEM FD	CAREER	Yes	156			5	145	No	Yes	No	No
SILVERTON RFPD			7	66	40						
ST PAUL FIRE DIST			0	30	28						
STAYTON FIRE DISTRICT	COMBINATION	No	7	70	20	10	51	No	Yes	Yes	No
SUBLIMITY FIRE DISTRICT			2.75	30	15						
TURNER FIRE DIST	COMBINATION	No	12	40	5	7	28	Yes	Yes	Yes	Yes
WOODBURN FIRE DIST	COMBINATION	Yes	15	38		4	49	No	Yes	Yes	No
<b>MORROW</b>											
BOARDMAN RFPD	COMBINATION	No	8	14	5	2	16	No	Yes	No	No
HEPPNER FD			0	5	0						
IONE FD			1	14	2						
IRRIGON RFPD			1	17	3						
LEXINGTON FD											

### 2013 Reported Personnel Resources

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>MULTNOMAH</b>											
GRESHAM FIRE & EMERG SRVCS											
MULTNOMAH CO RFPD #14	VOLUNTEER	No	1	37	12	3	34	No	Yes	No	Yes
PORTLAND BUREAU OF F&R&EMS											
SAUVIE ISLAND VOL FD			3	20	8						
<b>POLK</b>											
DALLAS FD	COMBINATION	No	14	54	9	5	35	Yes	Yes	No	Yes
FALLS CITY FD											
POLK CO FIRE DIST NO 1			15	70	39						
SPRING VALLEY RFPD											
SW POLK CO RFPD	VOLUNTEER	No	1	26	0	4	22	No	No	No	Yes
<b>SHERMAN</b>											
MORO FD CITY OF											
MORO RFPD			0	8	0						
NORTH SHERMAN CO RFPD			2	8	3						
RUFUS VOL FD											
SOUTH SHERMAN RFPD			1	22	7						
<b>TILLAMOOK</b>											
BAY CITY FD	VOLUNTEER	No		22		1	20	No	Yes	Yes	No
GARIBALDI FD											
NEHALEM BAY FIRE & RESCUE DISTRICT			3	34	8						
NESTUCCA RFP	COMBINATION	No	4	43	16	0	0	No	Yes	No	No
NETARTS-OCEANSIDE RFPD			3	25	4						
ROCKAWAY FD											
TILLAMOOK FIRE DIST	COMBINATION	No	4	50	19	2	52	No	Yes	Yes	No
<b>UMATILLA</b>											
ATHENA FD											
EAST UMATILLA CO RFPD	VOLUNTEER	No	2	21	3	3	14	No	No	No	Yes
ECHO RFPD											
HELIX RFPD			1	6	0						
HERMISTON FIRE & EMS			24	45	31						
MILTON-FREEWATER FD	VOLUNTEER			23							
MILTON-FREEWATER RURAL FD	COMBINATION	No	9	24	17	3	28	Yes	Yes	Yes	No
PENDLETON FIRE & AMBULANCE SERVICE											
PILOT ROCK RFPD	VOLUNTEER	No	2	22	5	3	18	No	Yes	No	No
STANFIELD FIRE DIST	COMBINATION	No	1	11	3	2	10	No	Yes	Yes	No
UKIAH FD											
UMATILLA RFPD			3	25	7						
<b>UNION</b>											
COVE RFPD			0	22	6						
ELGIN RFPD			0	15	0						
IMBLER RFPD	VOLUNTEER	No	2	12	2	1	11	No	Yes	No	No
LA GRANDE FD	VOLUNTEER	No	1	22		2	17	No	Yes	Yes	No
LA GRANDE RFPD			1	20	10						
POWDER RFPD			0	0	3						
UNION EMERGENCY SERVICES	VOLUNTEER			26							
UNION RFPD											

## 2013 Reported Personnel Resources

County / Agency	Agency Type	Union Affiliation	Paid Staff	Volunteer Staff	Number Of EMT's (Paid or Volunteer)	Female Firefighters	Male Firefighters	Ambulance Service	Emergency Medical Services	Volunteer Pay	Retirement Plan
<b>WALLOWA</b>											
ENTERPRISE FD											
JOSEPH FD											
LOSTINE FD											
WALLOWA FD											
<b>WASCO</b>											
ANTELOPE FD											
DUFUR VOL FD	VOLUNTEER	No		24	16	0	0	Yes	No	No	No
JUNIPER FLAT RFPD			1	14	0						
MAUPIN FD	VOLUNTEER	No	1	28	8	1	19	No	No	No	No
MID-COLUMBIA F&R	COMBINATION	Yes	25	31	30	0	0	Yes	Yes	Yes	Yes
MOSIER FD			1	19	10						
SHANIKO VOL FD											
TYGH VALLEY VOL FD			0	16	1						
WAMIC RFPD	VOLUNTEER	No	0	35	7	2	18	Yes	Yes	No	No
<b>WASHINGTON</b>											
BANKS FIRE DIST #13			4	68	49						
CORNELIUS FD	COMBINATION	Yes	5	53	0	2	56	No	No	Yes	No
FOREST GROVE F&R	COMBINATION	Yes	22	53		3	57	No	Yes	Yes	No
GASTON RFPD	COMBINATION	No	4	22	18	5	19	Yes	Yes	Yes	No
HILLSBORO FD	COMBINATION	Yes	102	17		2	83	No	Yes	Yes	No
TUALATIN VALLEY F&R	COMBINATION		335	63							
WASHINGTON CO FD #2			14	24	25						
<b>WHEELER</b>											
FOSSIL VOL FD	VOLUNTEER	No		16		2	14	No	No	No	No
MITCHELL VOL FD											
SPRAY VOL FD											
<b>YAMHILL</b>											
AMITY FIRE DIST			2	42	9						
CARLTON FIRE DISTRICT											
DAYTON FIRE DISTRICT			5	36	5						
DUNDEE FD	COMBINATION	No	3	20	9	0	23	No	Yes	Yes	No
LAFAYETTE FD											
MCMINNVILLE FD											
NEWBERG FD	COMBINATION	Yes	30	37	24	5	53	Yes	Yes	Yes	Yes
SHERIDAN FD			6	36	26						
WEST VALLEY FIRE DIST			10	25	27						
YAMHILL FPD			2	26	8						

The information in this Appendix is based primarily on information provided by the Oregon fire protection agencies listed. The information was compiled from Fire Service Inventory Reports submitted to the Office of State Fire Marshal by Oregon fire agencies and from information provided by the Special Districts Association of Oregon (SDAO), as reported by the respective fire agency. Not all agencies provided information and some only provided limited information.

Information on Total Paid Staff and Total Volunteer Staff not provided by local fire agencies through Fire Service Inventory Reports or SDAO was obtained from agency websites where available.

A blank or zero indicates the information was not reported or the amount was zero.

## APPENDIX 4

## 2013 Fire Agencies Not Reporting

AGNESS-ILLAHE RFPD	MITCHELL VOL FD
ANTELOPE FD	MONUMENT FD
ATHENA FD	MONUMENT RFD
BLODGETT-SUMMIT RFPD	MT VERNON FD
BONANZA RFPD	NORTH BAY RFPD
BRIDGE RFPD	NORTH POWDER FD
CAMAS VALLEY VOL RFD	OPHIR RFPD
CANYONVILLE SOUTH UMPQUA FD	PAISLEY VOL FD
CAPE FERRELO RFPD	PISTOL RIVER FIRE DIST
CARLTON FD	POWDER RFPD
CEDAR VALLEY-N BANK RFPD	POWDER RIVER RFPD
CHEMULT RFPD	POWERS FD
COLESTIN RFPD	PROSPECT RFPD
ELKTON RFPD	ROCKY POINT FIRE & EMS
FAIR OAKS RFPD	RUFUS VOL FD
FOSSIL VOL FD	SCOTTSBURG RFD
GARDINER RFPD	SILETZ RFPD
GRANITE CITY FD	SILVER LAKE RFPD
GREENACRES RFPD	SIXES RFPD
HAUSER RFPD	SPRAY VOL FD
IDANHA-DETROIT RFPD	SPRING VALLEY RFPD
IMBLER RFPD	ST PAUL FIRE DIST
JACKSON CO RFPD #4	SUBLIMITY FIRE DISTRICT
JACKSONVILLE FD	SUMNER RFPD
JOHN DAY FD	SWISSHOME-DEADWOOD RFPD
JORDAN VALLEY FD	TILLER RFD
KEATING RFPD	UKIAH FD
KLAMATH CO FD #3	UMATILLA RFPD
LAKE CREEK RFPD	UNION RFPD
LEXINGTON FD	UNITY VOL FD
LOSTINE FD	WEST SIDE RFPD
MEDICAL SPRINGS RFPD	WESTFIR FD
MERRILL RFPD	WILLIAMS RFPD
MILLINGTON FIRE DIST #5	WINCHESTER BAY RFPD

The information in Appendix 4 was obtained from the Oregon Fire Bridge™ on March 31, 2014.

No incident reports were received by the OSFM from the agencies listed.

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