

# OREGON OFFICE OF STATE FIRE MARSHAL ANNUAL REPORT SUPPLEMENT 2017





## 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



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# INTRODUCTION

## 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/Elite™, 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 OSFM fire data repositories. Data entered into the Oregon Fire Bridge/Elite™ 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/Elite™ 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 3/31/2018.

**Fires in Oregon** - The data in this section was obtained from the Oregon Fire Bridge/Elite™ and includes only incidents that involved an actual fire. The data in this section includes only incidents reported to the OSFM on or before 3/31/2018.

**Community Right To Know Report** - The Community Right to Know and Protection Act was passed by the Oregon Legislature in 1985 (ORS 453.307 to ORS 453.520). Oregon's Community Right to Know (CR2K) program is administered by the Oregon Office of State Fire Marshal (OSFM), and meets or exceeds certain requirements of the federal Emergency Planning and Community Right to Know Act. The law requires the OSFM to survey facilities annually in order to collect, validate, and disseminate information on hazardous substances located throughout the state. This supplemental report summarizes the information reported by facilities on the Hazardous Substance Information Survey.

Certain hazardous substance incidents are required to be reported to the OSFM under ORS 453.342. The Oregon Fire Bridge/Elite™ system is the online database the OSFM makes available for fire agencies to enter hazardous substance incidents. A snapshot of the hazardous substance incidents that occurred in 2017 was taken on March 31, 2018, for the purpose of summarizing the information reported by first responders.

**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/Elite™, OSFM Fire Service Profile 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 Fire Service Profile Reports and from SDAO was provided by Oregon fire protection agencies as listed. Not all agencies provided information.

## Methodologies

**Aid Given** - To isolate individual fire incidents, only reports from the primary agencies 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 multi-family 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 agency response and when there was not. All interventions occurring in 2017 that were reported as of 3/31/2018 were included.

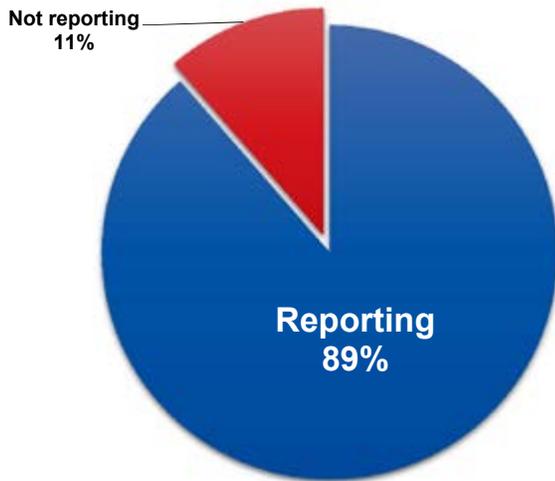
Note: Totals in the following charts and graphs may not add up to 100 percent due to rounding.

# STATEWIDE INCIDENT SUMMARY

## Reporting Status and Incident Information

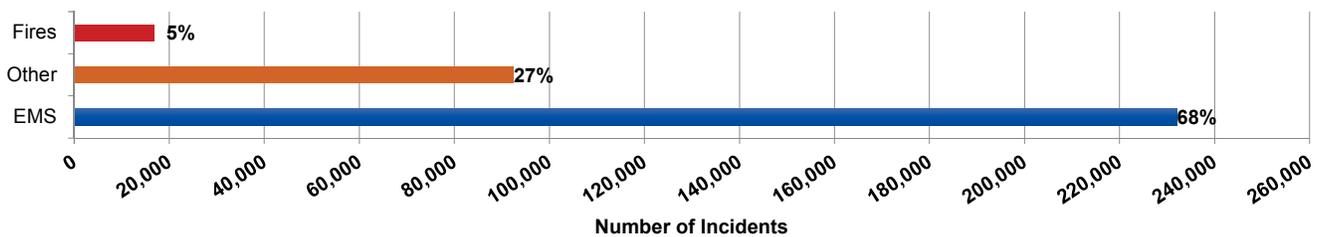
The following is an overview of all incident responses by Oregon fire agencies in 2017.

**2017 Reporting Status**



Number of Oregon Fire Agencies	316
Number of Agencies Reporting	280
Percentage of Agencies Reporting	89%
Percentage of State Population Represented	99%
Report Completeness Rate by Oregon Fire Agencies in 2017	97%

**2017 Incident Type Information**



Number of Fire Incidents	16,852
Number of Other Incidents	92,443
Number of EMS Incidents	232,036
Number of Unclassified Incidents	555
<b>Total Incidents</b>	<b>341,886</b>

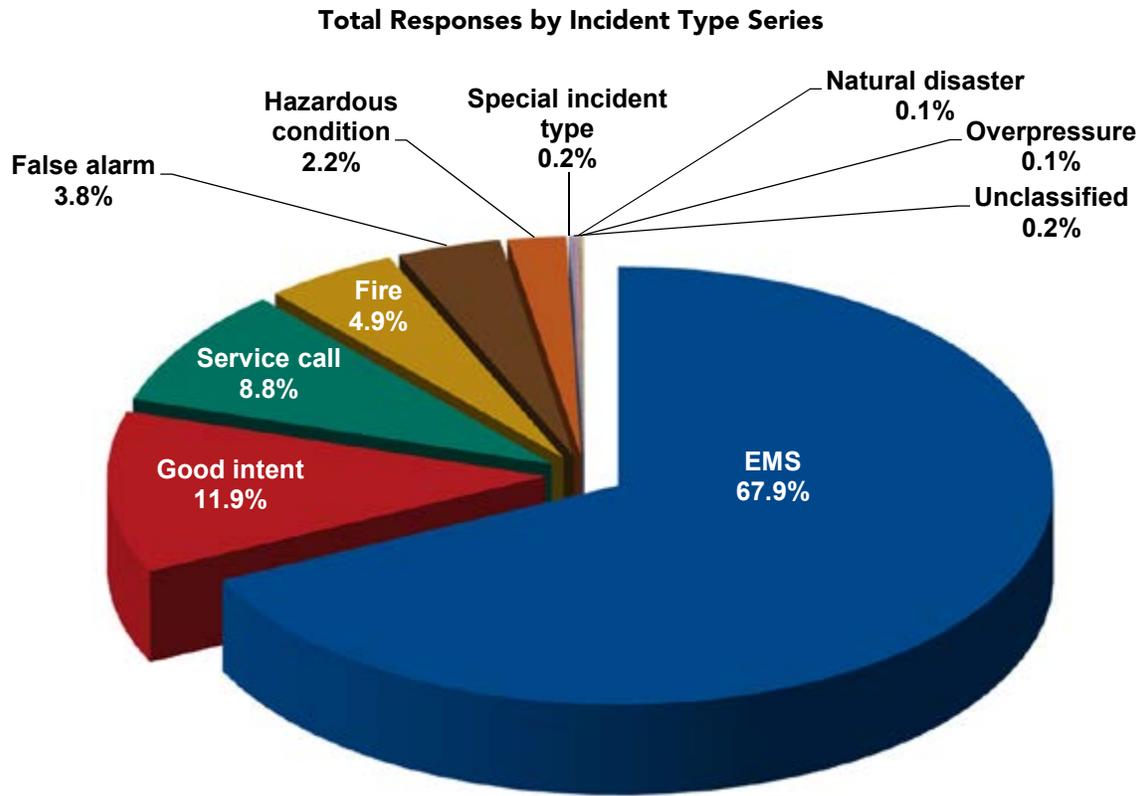
## Multi-Year Trends

Key Statewide Annual Statistics	2013	2014	2015	2016	2017
Total Fire Agencies	317	320	316	316	316
Fire Agencies Reporting	251	277	298	290	280
Percentage of Agencies Reporting	79.2%	86.6%	94.3%	91.8%	88.6%
Total Fire Incidents	12,274	13,099	15,749	16,469	16,852
Total Non-Fire/EMS Incidents	72,070	81,242	89,139	96,214	92,443
Total EMS Incidents	189,077	220,596	238,847	261,132	232,036
Total Unclassified Incidents*	151	811	376	551	555
<b>Total Runs Reported</b>	<b>273,572</b>	<b>315,748</b>	<b>344,111</b>	<b>374,366</b>	<b>341,886</b>
100% Valid Reports	266,526	306,344	338,100	359,833	330,033
Incident Report Validity Rate	97.4%	97.0%	98.3%	96.2%	96.5%
<b>Total Aid Given Calls</b>	<b>18,687</b>	<b>15,568</b>	<b>18,498</b>	<b>20,232</b>	<b>18,706</b>
<b>Total Cancelled En-route Calls</b>	<b>24,131</b>	<b>26,514</b>	<b>23,763</b>	<b>27,197</b>	<b>24,640</b>
<b>Total Estimated Dollar Loss (in millions)</b>	<b>\$161.8</b>	<b>\$147.3</b>	<b>\$177.4</b>	<b>\$250.6</b>	<b>\$169.9</b>
<b>Total Estimated Residential Dollar Loss (in millions)</b>	<b>\$84.4</b>	<b>\$77.2</b>	<b>\$96.2</b>	<b>\$95.9</b>	<b>\$106.5</b>
<b>Total Fire Related Fatalities</b>	<b>40</b>	<b>50</b>	<b>39</b>	<b>44</b>	<b>59</b>
<b>Total Fire Related Civilian Injuries</b>	<b>261</b>	<b>228</b>	<b>248</b>	<b>290</b>	<b>262</b>
<b>Total Firefighter Injuries</b>	<b>175</b>	<b>133</b>	<b>157</b>	<b>116</b>	<b>125</b>

\* Incidents where incident type was not identified.

## Incident Types

The following charts and information are a breakdown of the types of incidents Oregon fire agencies responded to in 2017. 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 the fire situations is provided later in this report.



Incident Series	Total	%
100 Fire	16,852	4.9%
200 Overpressure	306	0.1%
300 EMS	232,036	67.9%
400 Hazardous condition	7,359	2.2%
500 Service call	29,954	8.8%
600 Good intent	40,767	11.9%
700 False alarm	13,105	3.8%
800 Natural disaster	390	0.1%
900 Special incident type	562	0.2%
U Unclassified	555	0.2%
<b>Total</b>	<b>341,886</b>	<b>100.0%</b>



## Oregon Fire Clock

Oregon's structural fire agencies responded to **16,852** fires in 2017. This represents a **2.3%** increase from 2016.

### ON AVERAGE, A FIRE DEPARTMENT IN OREGON RESPONDS TO:

- A fire every 31 minutes**
- A structure fire every 1 hour, 50 minutes**
- A house fire every 2 hours, 40 minutes**
- A vehicle fire every 3 hours, 36 minutes**
- An outside fire every 57 minutes**

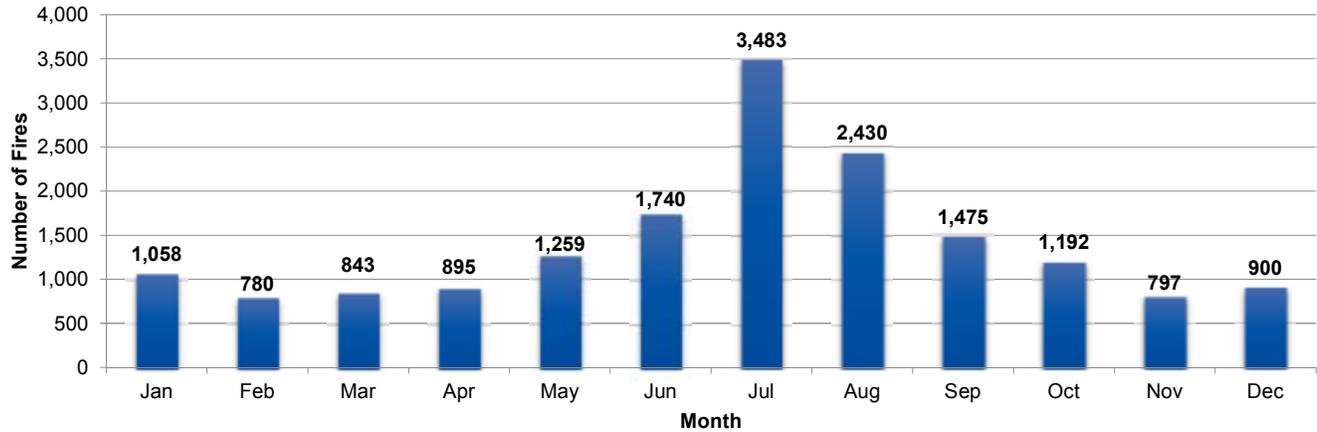
### ON AVERAGE, FIRES IN OREGON RESULTED IN:

- Estimated property loss of \$367,496 every day**
- One civilian death every 6.3 days**
- One civilian injury every 40.8 hours**
- One firefighter injury every 2.9 days**

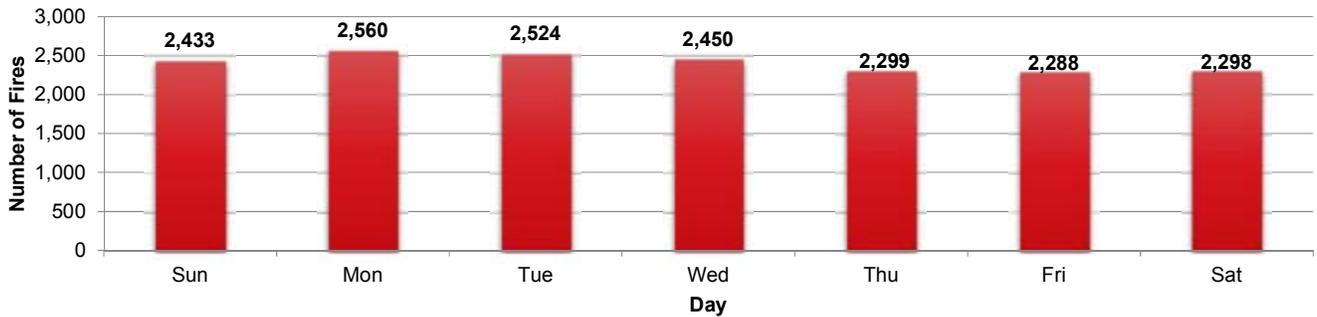
# Chronological Fire Breakdown

## CHRONOLOGICAL BREAKDOWN OF ALL OREGON FIRES

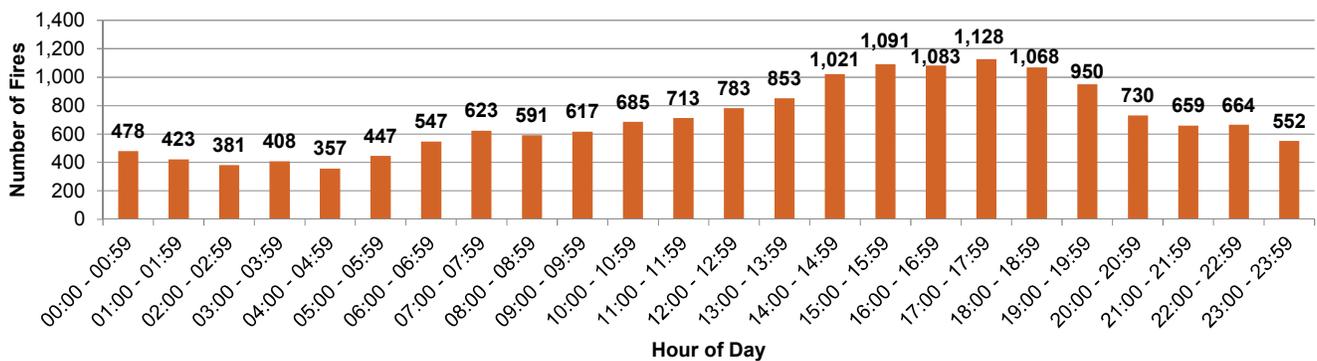
2017 Oregon Fires by Month



2017 Oregon Fires by Day of Week



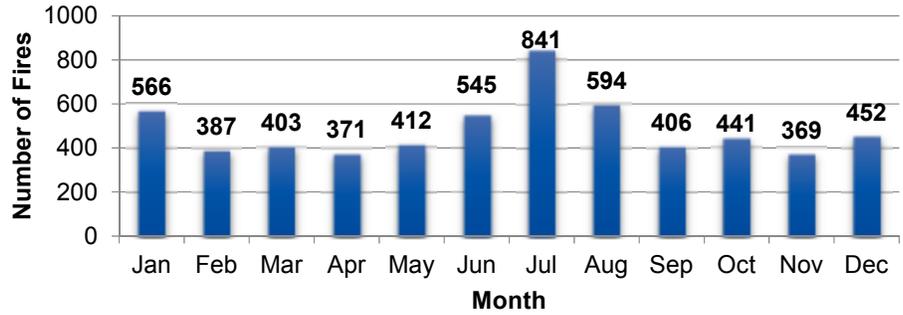
2017 Oregon Fires by Hour of Day



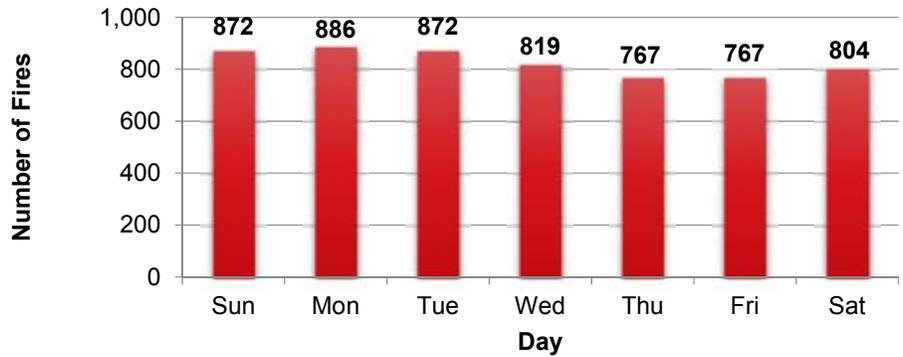
## CHRONOLOGICAL RESIDENTIAL FIRE BREAKDOWN

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.

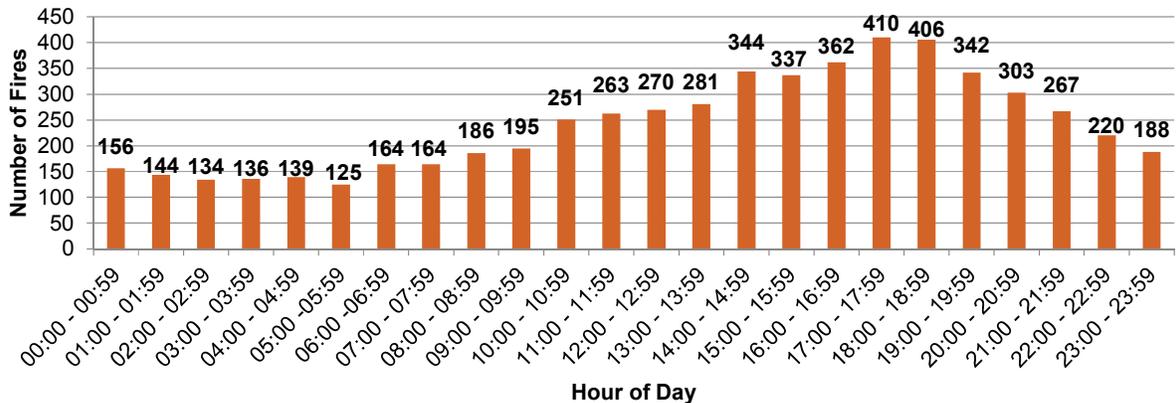
### 2017 Oregon Residential Fires by Month



### 2017 Oregon Residential Fires by Day of Week



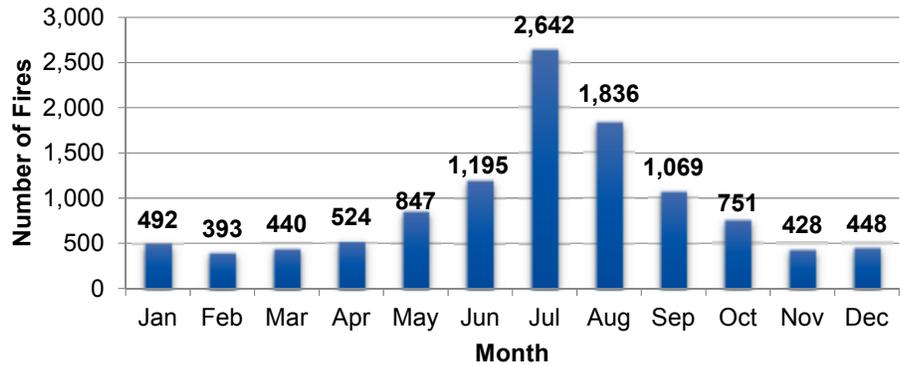
### 2017 Oregon Residential Fires by Hour of Day



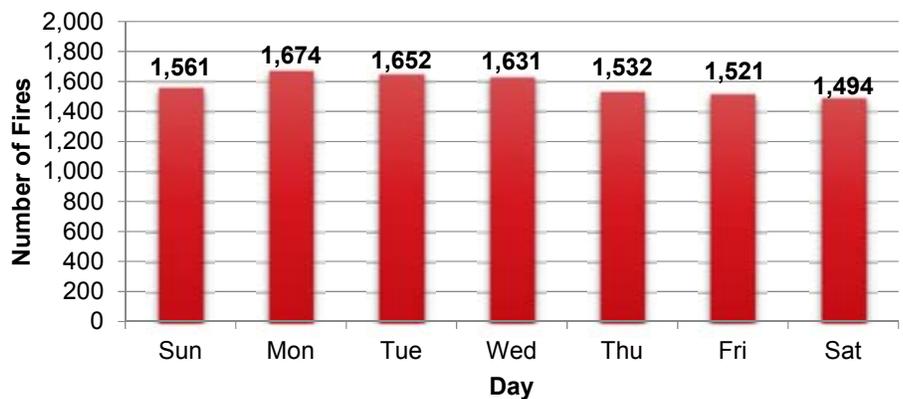
## CHRONOLOGICAL NON-RESIDENTIAL FIRE BREAKDOWN

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

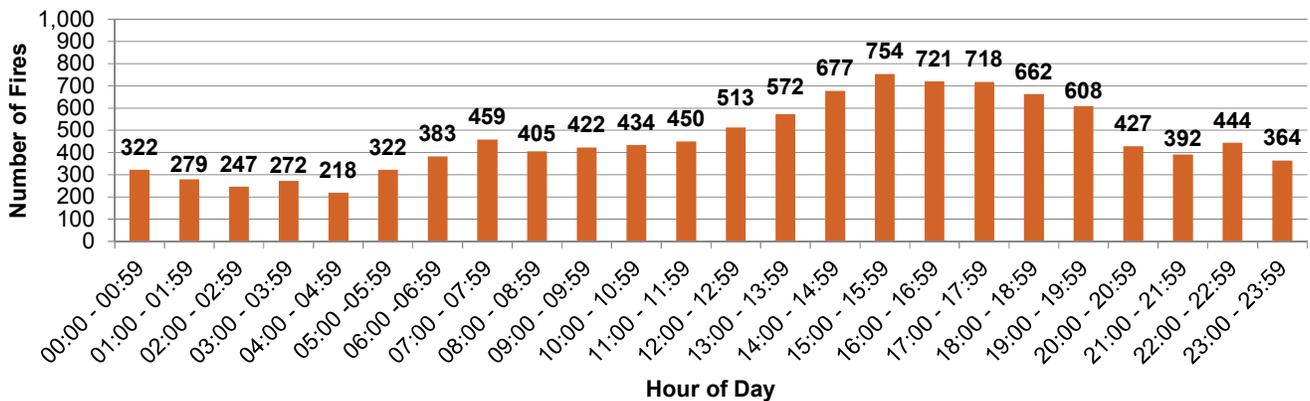
### 2017 Oregon Non-Residential Fires by Month



### 2017 Oregon Non-Residential Fires by Day of Week



### 2017 Oregon Non-Residential Fires by Hour of Day



## Fire Causes

Causes of Fires in 2017	Fires	%
Smoking	2,624	15.8%
Intentional	2,084	12.6%
Other unintentional	1,467	8.8%
Cooking	772	4.7%
Unclassified equipment with other or unknown fuel source	772	4.7%
Heating	686	4.1%
Other hot object	623	3.8%
Ember, rekindle	578	3.5%
Unclassified electrical malfunction	525	3.2%
Cause under investigation	468	2.8%
Natural	433	2.6%
Other open flame, spark	328	2.0%
Electrical distribution	285	1.7%
Matches, candles	245	1.5%
Appliances	187	1.1%
Fireworks	178	1.1%
Friction, hot material	156	0.9%
Equipment failure, malfunction	134	0.8%
Trash, rubbish	134	0.8%
Special equipment	130	0.8%
Air conditioning	82	0.5%
Torches	68	0.4%
Children playing and other playing	54	0.3%
Vehicle engine	45	0.3%
Processing equipment	36	0.2%
Exposure 2	35	0.2%
Unclassified fuel powered equipment	27	0.2%
Explosives	23	0.1%
Service equipment	20	0.1%
Open fire	4	0.0%
Natural 2	1	0.0%
Unknown	3,398	20.5%
<b>Total</b>	<b>16,602</b>	<b>100.0%</b>
Exposure Fires	883	

Causal information is based on the hierarchy methodology used by the U.S. Fire Administration to identify fire causes from specific categories using NFIRS data. The following chart demonstrates the overall causes of fires in Oregon for 2017.

## Fire by Type

### Year-to-Year Comparison of Types of Fires

<b>Structure Fires - 28.3% of all fires in 2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Total Structure Fires	3,780	3,787	3,880	3,919	4,775
Civilian Deaths	33	39	34	36	40
Civilian Injuries	179	179	165	207	161
Fire Service Injuries	99	79	51	64	86
Damage in Millions	\$147.6	\$101.6	\$127.6	\$171.0	\$160.0

<b>Vehicle Fires - 14.4% of all fires in 2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Total Vehicle Fires	1,497	1,598	1,810	1,893	2,431
Civilian Deaths	2	7	5	8	16
Civilian Injuries	15	27	34	26	27
Fire Service Injuries	4	2	3	1	1
Damage in Millions	\$15.2	\$11.8	\$16.3	\$22.9	\$21.2

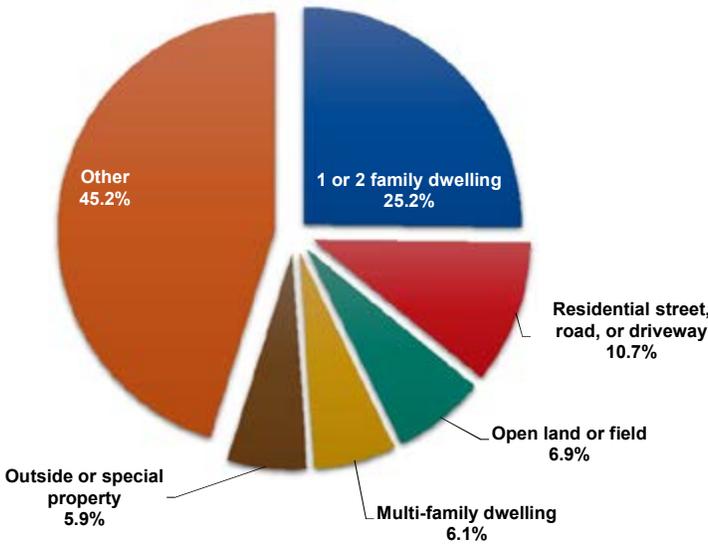
<b>Outside Fires - 54.5% of all fires in 2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Total Outside Fires	5,937	6,604	8,401	6,992	9,192
Civilian Deaths	1	3	3	1	3
Civilian Injuries	15	12	18	19	18
Fire Service Injuries	14	8	14	16	24
Damage in Millions	\$3.3	\$14.0	\$6.4	\$5.1	\$5.4

<b>Other Fires - 2.7% of all fires in 2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Total Other Fires	414	427	1,012	1,182	454
Civilian Deaths	1	0	0	0	0
Civilian Injuries	19	5	10	14	10
Fire Service Injuries	3	1	0	1	0
Damage in Millions	\$2.6	\$1.7	\$1.1	\$1.1	\$0.5

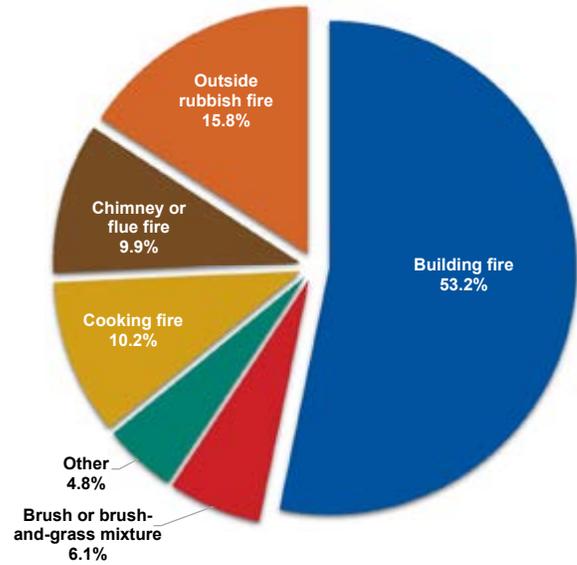
Dollar amounts are estimates made by in-scene firefighters and are not actual insurance estimates.

# Fires by Property Use

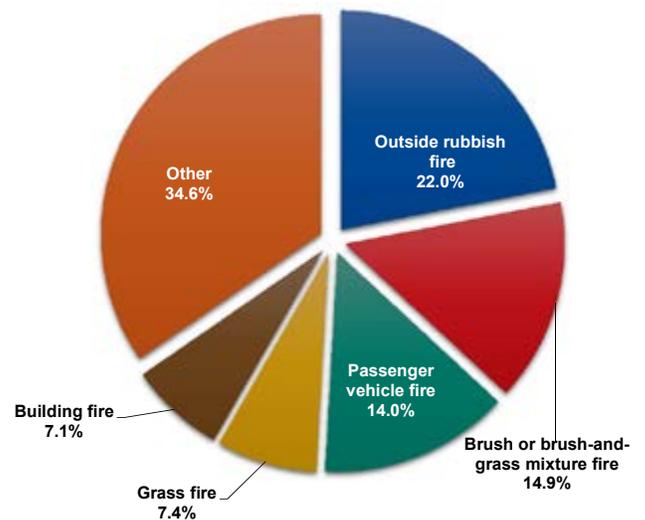
**2017 Fires in Oregon  
Top 5 Property Uses**



**2017 Fires in Residential Uses  
Top 5 Incident Types**



**2017 Oregon Non-Residential Fires  
Top 5 Incident Types**



Property Use	Count	%
1 or 2 family dwelling	4,247	25.2%
Residential street, road, or driveway	1,798	10.7%
Open land or field	1,159	6.9%
Multi-family dwelling	1,037	6.1%
Outside or special property	1,000	5.9%
Other	7,611	45.2%
<b>Total</b>	<b>16,852</b>	<b>100.0%</b>

## Residential Structure Fire

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 Statewide Annual Comparisons

Year	2013	2014	2015	2016	2017
Residential fires	2,804	2,755	2,800	2,818	3,282
Civilian deaths	25	29	31	25	39
Civilian injuries	149	134	128	148	130
Firefighter injuries	95	81	82	70	62
<b>Total loss in Millions</b>	<b>\$72.8</b>	<b>\$65.9</b>	<b>\$72.0</b>	<b>\$76.2</b>	<b>\$106.5</b>

### Oregon Home Structure Fire Loss by County - 2017

County	Fires	Estimated Loss Total	County	Fires	Estimated Loss Total
BAKER	20	\$1,020,000.00	LAKE	9	\$370,025.00
BENTON	41	\$467,855.00	LANE	215	\$8,928,630.00
CLACKAMAS	208	\$8,523,527.00	LINCOLN	42	\$587,000.00
CLATSOP	49	\$3,109,911.00	LINN	94	\$3,703,546.00
COLUMBIA	85	\$1,990,959.00	MALHEUR	32	\$1,113,700.00
COOS	50	\$473,701.00	MARION	227	\$9,102,260.00
CROOK	24	\$1,110,168.00	MORROW	16	\$438,000.00
CURRY	30	\$631,456.00	MULTNOMAH	1,033	\$36,451,953.00
DESCHUTES	140	\$3,961,900.00	POLK	39	\$1,730,939.00
DOUGLAS	110	\$2,569,863.00	TILLAMOOK	33	\$348,190.00
GILLIAM	1	\$15,000.00	UMATILLA	75	\$2,371,595.00
GRANT	9	\$372,000.00	UNION	18	\$1,095,900.00
HARNEY	10	\$198,000.00	WALLOWA	9	\$123,500.00
HOOD RIVER	24	\$456,000.00	WASCO	24	\$672,000.00
JACKSON	213	\$5,345,315.00	WASHINGTON	171	\$1,235,831.00
JEFFERSON	32	\$1,033,279.00	YAMHILL	52	\$2,170,399.00
JOSEPHINE	87	\$2,757,945.00	<b>Total Home Structure Fires</b>	<b>3,282</b>	<b>\$106,512,047.00</b>
KLAMATH	60	\$2,031,700.00			

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

## RESIDENTIAL STRUCTURE FIRES - CAUSES

Causes of Home Structure Fires in 2017	Fires	%
Cooking	560	18.6%
Heating	559	18.6%
Smoking	202	6.7%
Intentional	191	6.4%
Other Unintentional	184	6.1%
Electrical Distribution	151	5.0%
Unclassified Equipment with Other or Unknown Fuel Source	136	4.5%
Unclassified Electrical Malfunction	123	4.1%
Under Investigation	117	3.9%
Ember, Rekindle	106	3.5%
Other Hot Object	104	3.5%
Appliances	96	3.2%
Matches, Candles	67	2.2%
Other Open Flame, Spark	61	2.0%
Natural	50	1.7%
Air Conditioning	40	1.3%
Special Equipment	20	0.7%
Fireworks	17	0.6%
Trash, Rubbish	15	0.5%
Torches	14	0.5%
Equipment Failure, Malfunction	14	0.5%
Hot Material	9	0.3%
Children Playing and Other Playing	8	0.3%
Processing Equipment	7	0.2%
Unclassified Fuel Powered Equipment	6	0.2%
Exposure 2	5	0.2%
Service Equipment	4	0.1%
Vehicle Engine	1	0.0%
Explosives	0	0.0%
Open Fire	0	0.0%
Unknown	139	4.6%
<b>Total</b>	<b>3,006</b>	<b>100.0%</b>

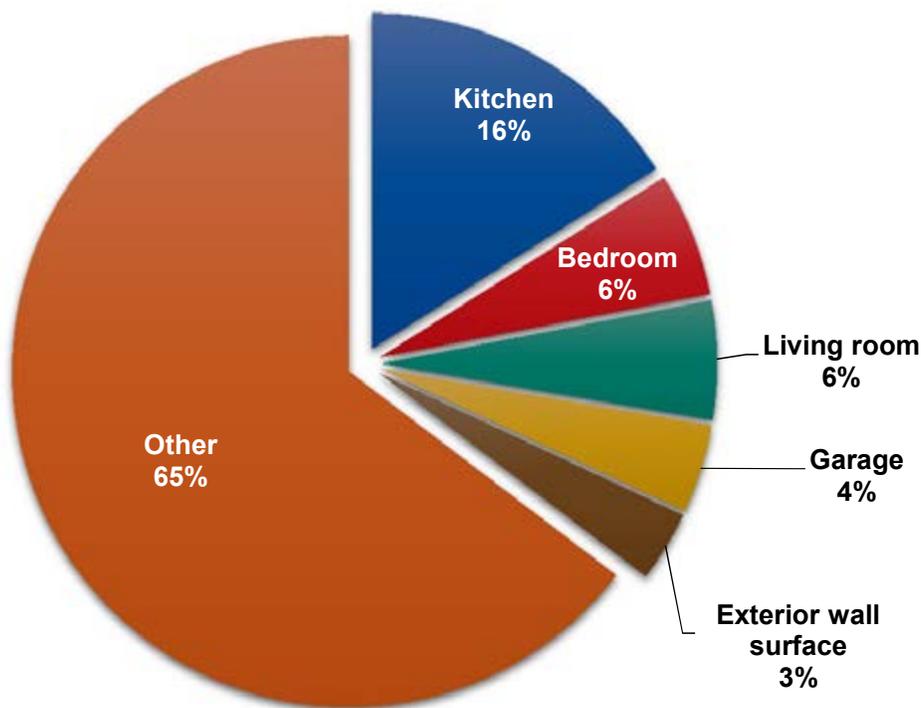
Causal information is based on the hierarchy methodology used by the U.S. Fire Administration to identify fire causes from specific categories using NFIRS data. The following chart demonstrates the causes of home structure fires in Oregon for 2017.

<b>Exposure Fires</b>	200
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## RESIDENTIAL STRUCTURE FIRES - AREA OF ORIGIN

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

**2017 Home Structure Fires  
Top 5 Areas of Origin**



Ignition Fire Origin	Fires	Loss Total
Kitchen	525	\$5,649,303.00
Bedroom	196	\$7,764,814.00
Living Room	188	\$6,265,490.00
Garage	140	\$8,346,719.00
Exterior Wall Surface	112	\$2,647,169.00
Other	2,121	\$75,838,552.00
<b>Total</b>	<b>3,282</b>	<b>\$106,512,047.00</b>

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

## RESIDENTIAL STRUCTURE FIRES - AREA OF ORIGIN

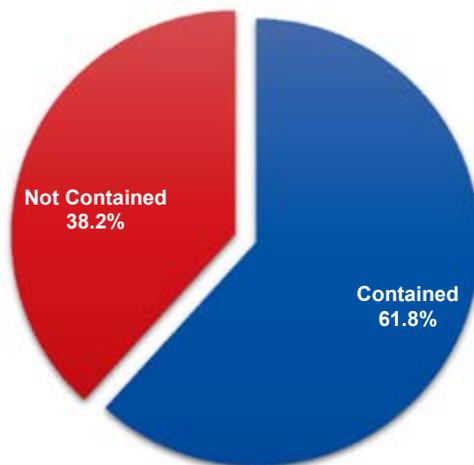
### 2017 Home Structure Fires: Confined vs. Not-Confined



*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 Total	%
Confined	744	22.7%	\$1,508,033.00	1.4%
Not Confined	2,538	77.3%	\$105,004,014.00	98.6%
<b>Total</b>	<b>3,282</b>	<b>100.0%</b>	<b>\$106,512,047.00</b>	<b>100.0%</b>

### 2017 Home Structure Fires: Contained vs. Not Contained

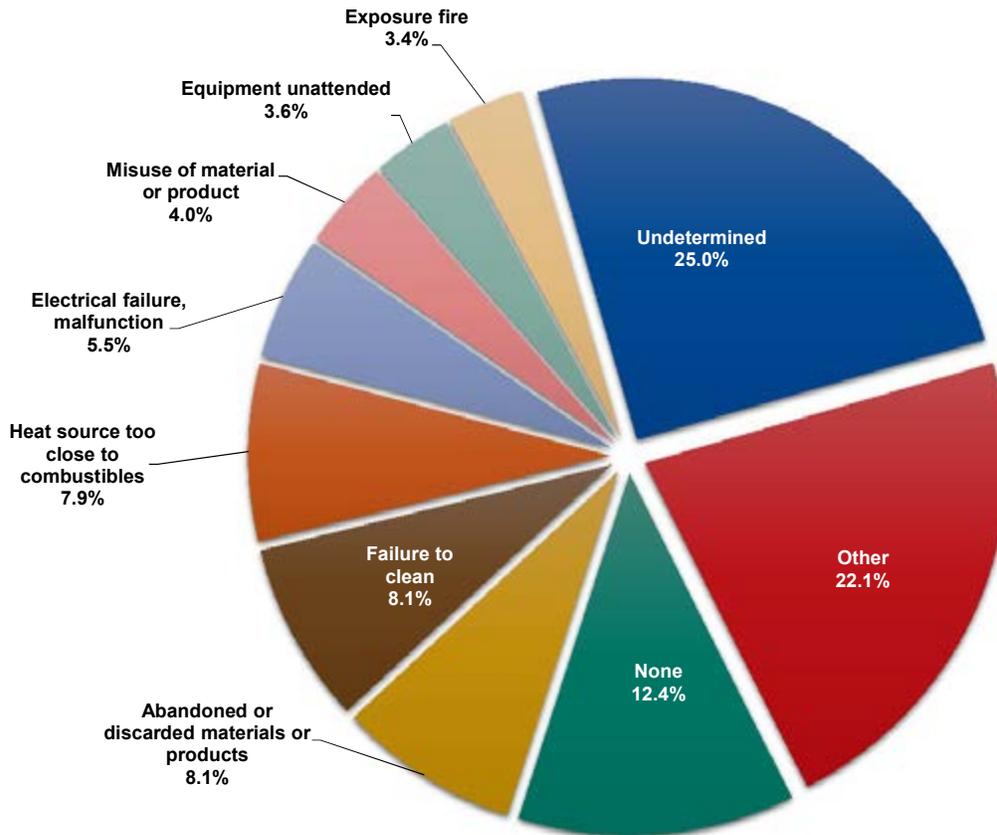


*Contained Fire* is defined as fire spread that is reasonably expected to remain in check under prevailing conditions.

Incident Type	Fires	%	Loss Total	%
Contained	1,919	61.8%	\$10,282,539.00	9.7%
Not Contained	1,188	38.2%	\$96,229,508.00	90.3%
<b>Total</b>	<b>3,107</b>	<b>100.0%</b>	<b>\$106,512,047.00</b>	<b>100.0%</b>

## RESIDENTIAL STRUCTURE FIRES - CONTRIBUTING FACTORS

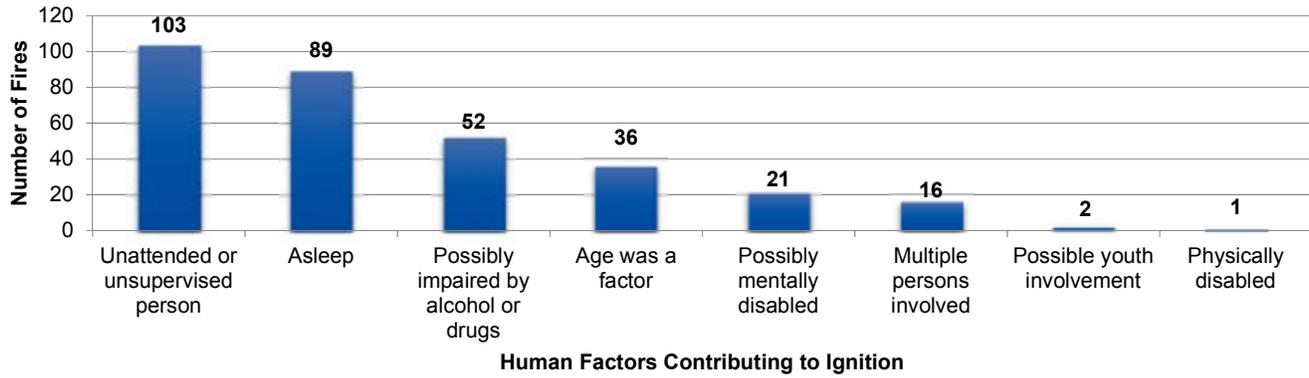
2017 Home Structure Fires Top 10 Ignition Factors



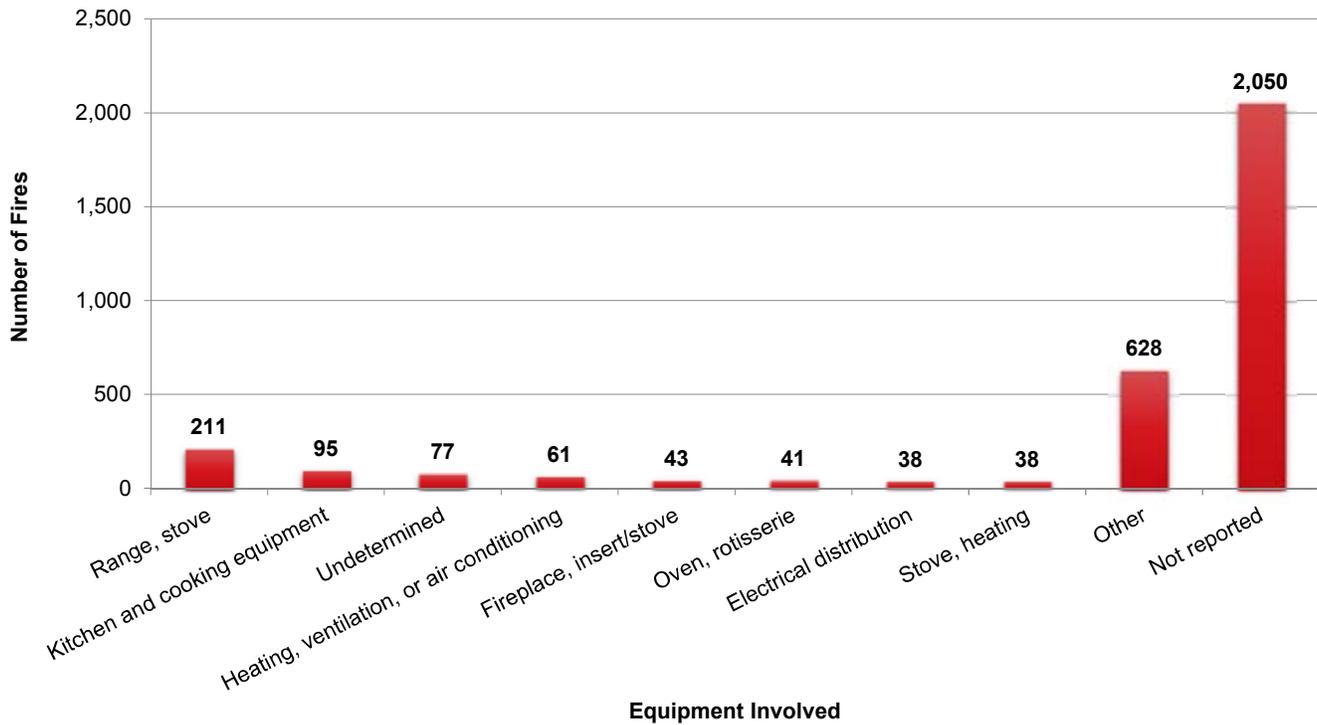
Ignition Factor	Fires	%
Undetermined	820	25.0%
Other	724	22.1%
None	406	12.4%
Abandoned or Discarded Materials or Products	266	8.1%
Failure to Clean	266	8.1%
Heat Source Too Close to Combustibles	260	7.9%
Electrical Failure, Malfunction	181	5.5%
Misuse of Material or Product	130	4.0%
Equipment Unattended	117	3.6%
Exposure Fire	112	3.4%
<b>Total</b>	<b>3,282</b>	<b>100.0%</b>

## RESIDENTIAL STRUCTURE FIRES - CONTRIBUTING FACTORS

### 2017 Home Structure Fire Human Factors Contributing to Ignition



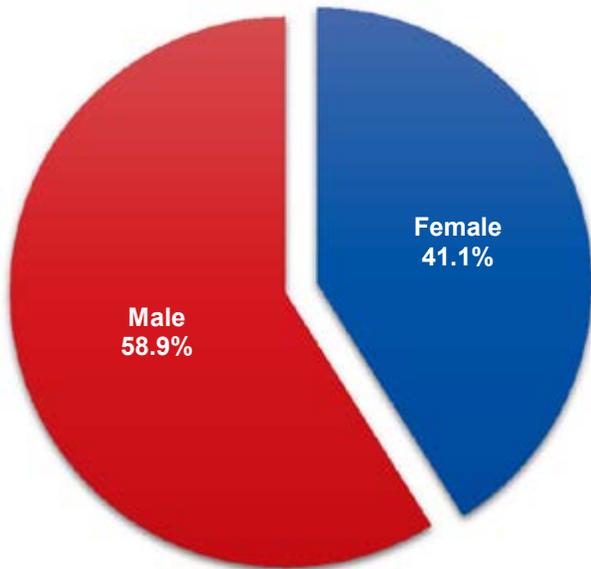
### 2017 Home Structure Fire Equipment Involved in Ignition



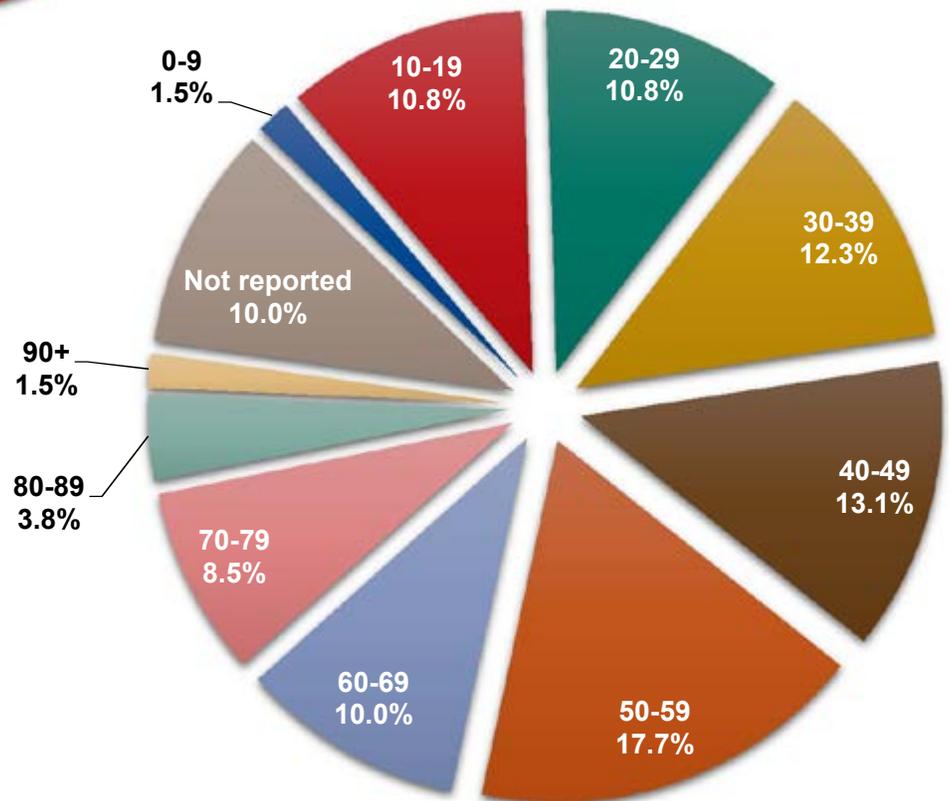
## RESIDENTIAL STRUCTURE FIRES - INJURIES

The following charts break down the 130 residential structure fire injuries experienced in 2017.

**2017 Home Structure Fire Injuries by Gender**

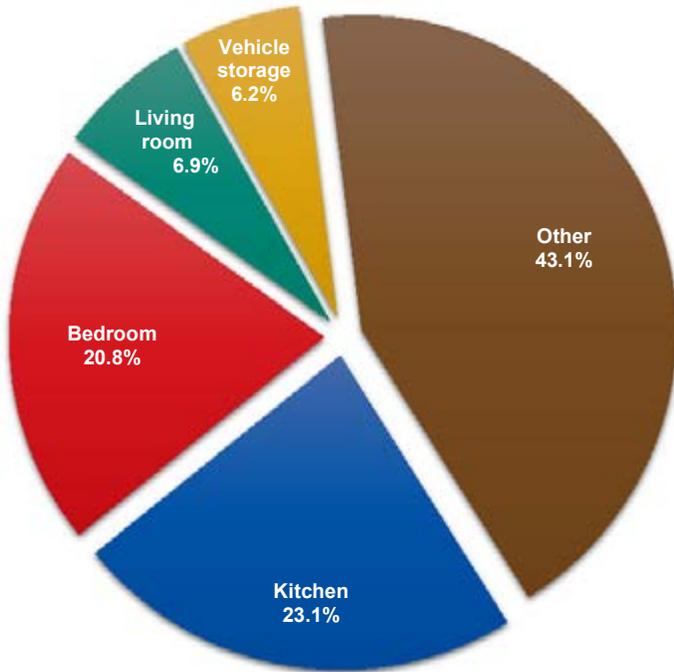


**2017 Home Structure Fire Injuries by Age Group**

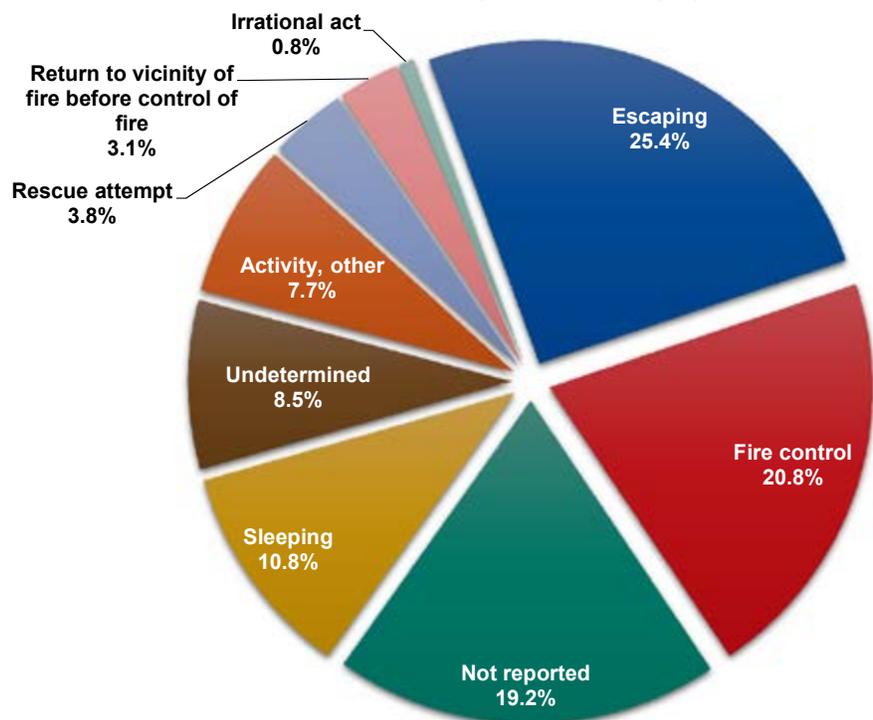


## RESIDENTIAL STRUCTURE FIRES - INJURIES

**2017 Home Structure Fire Injuries Top Areas of Origin**



**2017 Home Structure Fire Activity at Time of Injury**

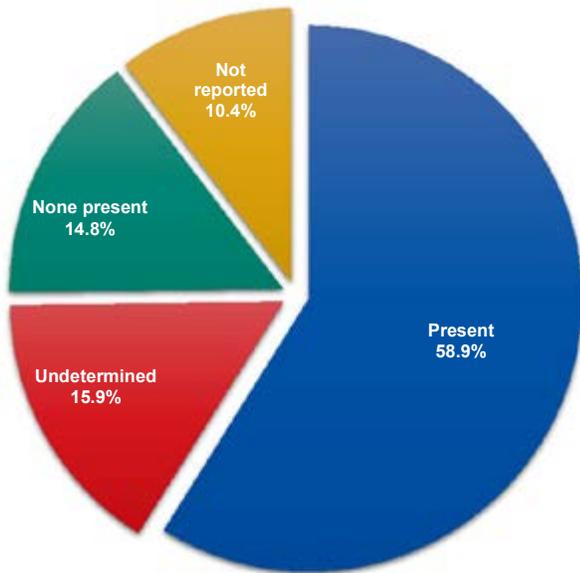


# Smoke Alarms

## SMOKE ALARM PRESENCE & OPERATION

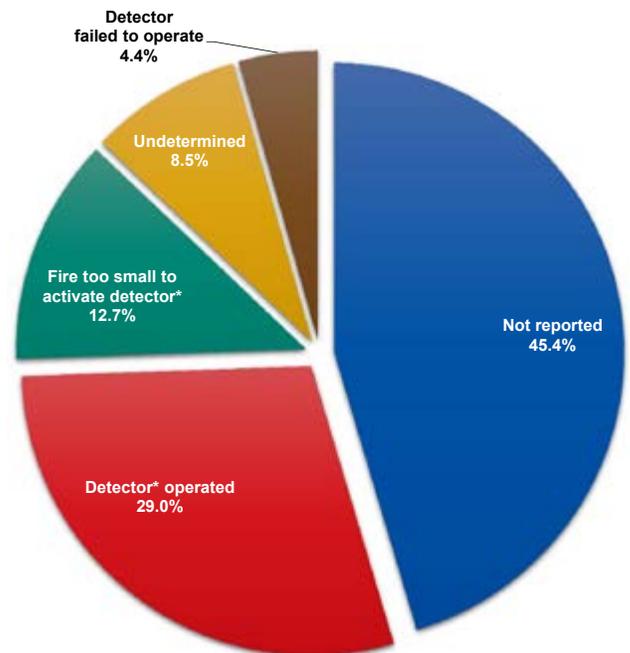
In 2017, 14.8% of all residential structure fires were in homes with no smoke alarm present. These fires were responsible for 11 deaths, 22 injuries, and an estimated \$14.8 million in property damage.

**2017 Home Structure Fire  
Smoke Alarm Presence**



Alarm Presence	Fires	%
Present	1,847	58.9%
Undetermined	499	15.9%
None Present	465	14.8%
Not Reported	325	10.4%
<b>Total</b>	<b>3,136</b>	<b>100.0%</b>

**2017 Home Structure Fire  
Smoke Alarm Operation**

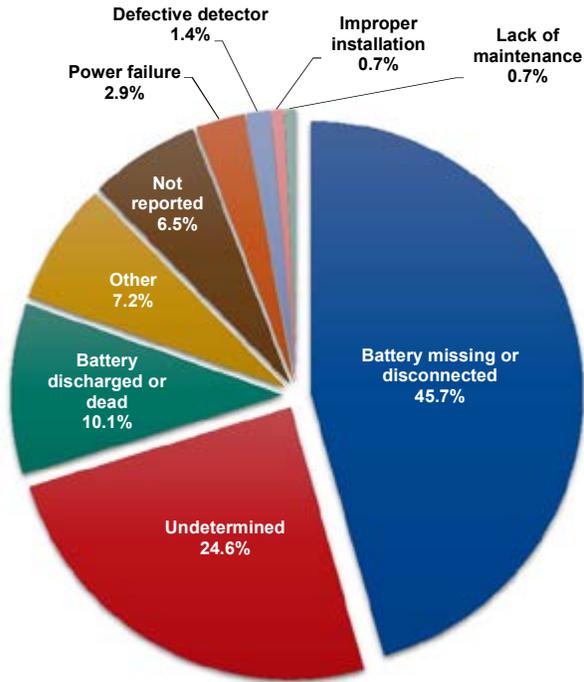


Alarm Operation	Fires	%
Not Reported	1,424	45.4%
Detector* Operated	911	29.0%
Fire Too Small to Activate Detector*	397	12.7%
Undetermined	266	8.5%
Detector* Failed to Operate	138	4.4%
<b>Total</b>	<b>3,136</b>	<b>100.0%</b>

\*NFIRS uses the terminology "detectors" to refer to smoke alarms for the purpose of incident reporting.

## SMOKE ALARM FAILURE REASONS

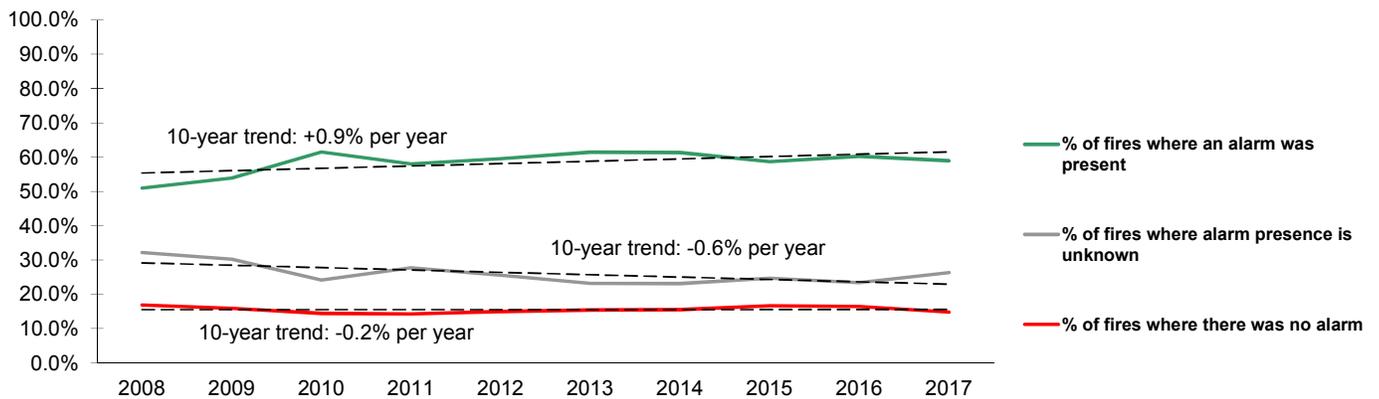
2017 Home Structure Fire  
Smoke Alarm Failure Reasons



Alarm Failure Reason	Fires	%
Battery Missing or Disconnected	63	45.7%
Undetermined	34	24.6%
Battery Discharged or Dead	14	10.1%
Detector Failure Reason, Other	10	7.2%
Not Reported	9	6.5%
Power Failure	4	2.9%
Defective Detector	2	1.4%
Improper Installation	1	0.7%
Lack of Maintenance	1	0.7%
<b>Total</b>	<b>138</b>	<b>100.0%</b>

## SMOKE ALARM 10 YEAR TRENDS

Smoke Alarm Presence in Home Structure Fires 2008-2017



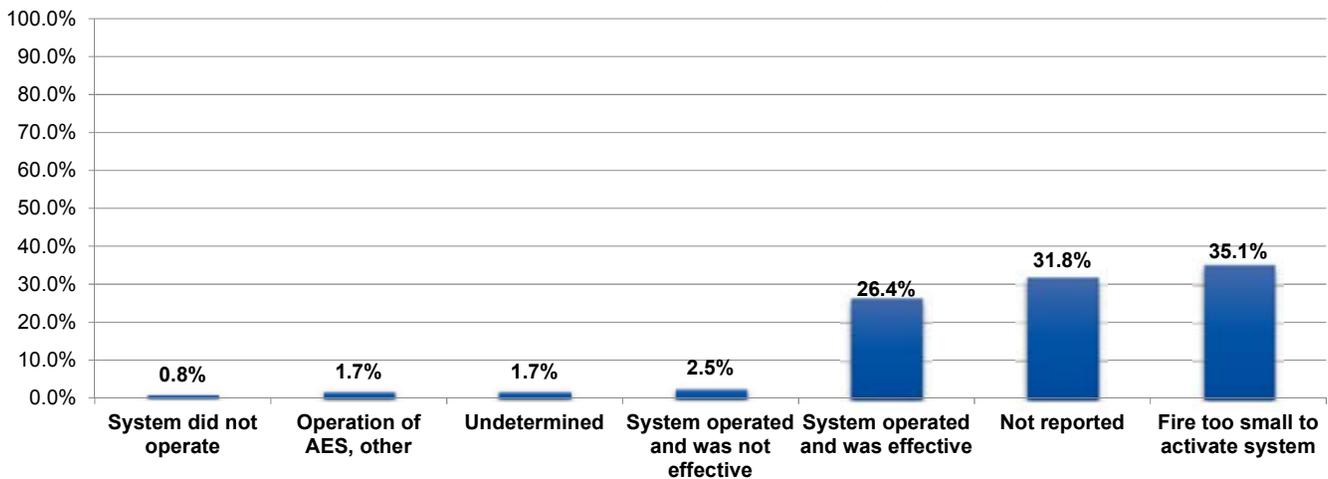
'Home' properties include houses, apartments, and mobile homes used as fixed residence.

# Automatic Extinguishing (Sprinkler) Systems

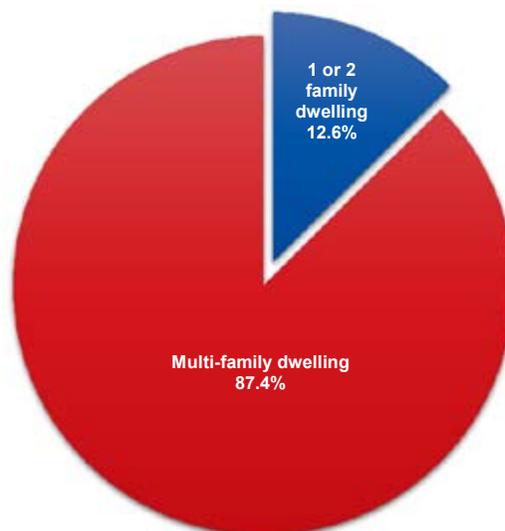
## SPRINKLER PERFORMANCE

Automatic extinguishing (sprinkler) systems were reported as present in 7.6% of 3,136 residential structure fires in Oregon in 2017. The graphs below illustrate how the systems performed in these 239 fires and which type of residential properties they were located in.

2017 Home Structure Fire Sprinkler Operation



2017 Home Structure Fire Property Use with Sprinkler Present



## Youth-Involved with Fire

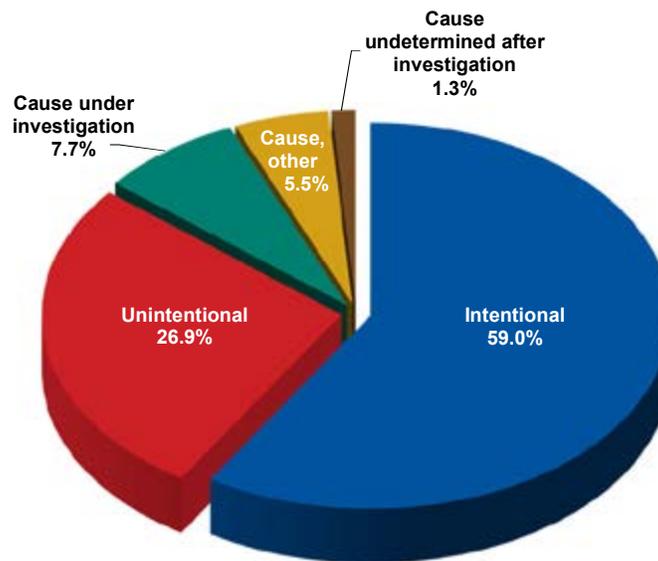
This section pertains to youth involved with fire. Youth are defined as persons under the age of 18. Information pertaining to youth involved with fire incidents are based on NFIRS incident data submitted by local fire agencies. There were 156 fires identified as having youth involvement reported to the OSFM in 2017.

The following is a year-to-year comparison of statistics regarding youth-involved fires in Oregon.

	2013	2014	2015	2016	2017
Total Fires	154	113	159	138	156
Civilian Deaths	0	0	0	0	0
Civilian Injuries	7	3	5	3	3
<b>Property Damage in Millions</b>	<b>\$1.04</b>	<b>\$0.59</b>	<b>\$5.69</b>	<b>\$1.06</b>	<b>\$1.64</b>

In 2017, **59%** of all fires involving youths were determined to be intentionally set fires.

**2017 Youth-Related Fire Cause**

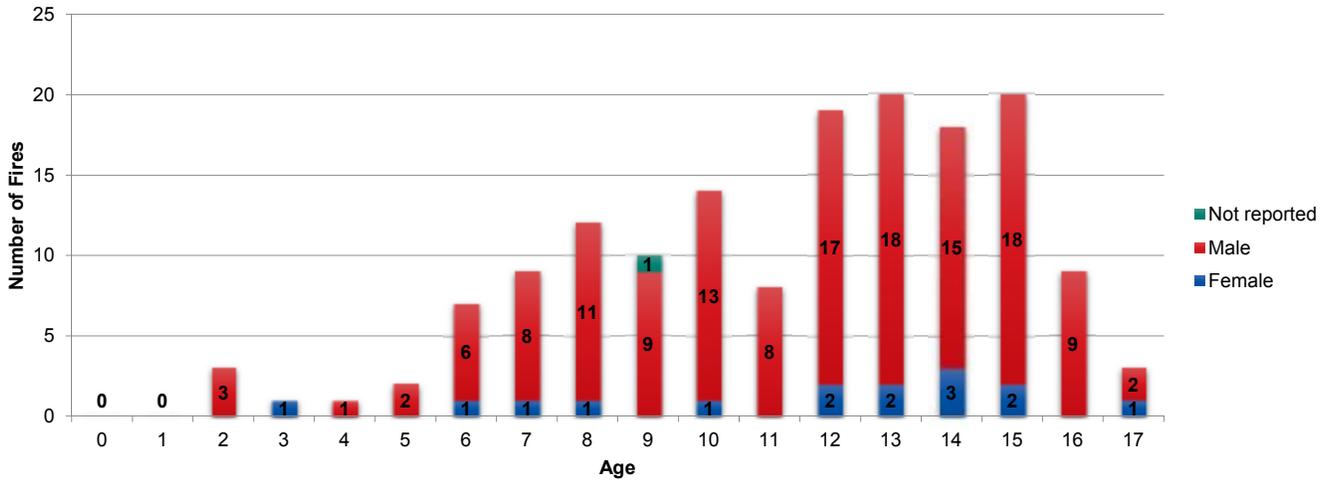


Cause of Ignition	Fires	%
Intentional	92	59.0%
Unintentional	42	26.9%
Cause Under Investigation	12	7.7%
Cause, Other	8	5.1%
Cause Undetermined After Investigation	2	1.3%
<b>Total</b>	<b>156</b>	<b>100.0%</b>

## YOUTH-INVOLVED WITH FIRE – INCIDENTS

Youths between the ages 10 and 14 accounted for 52% of youth-involved fires. Males were involved in 90% of the fires, while females accounted for 10%.

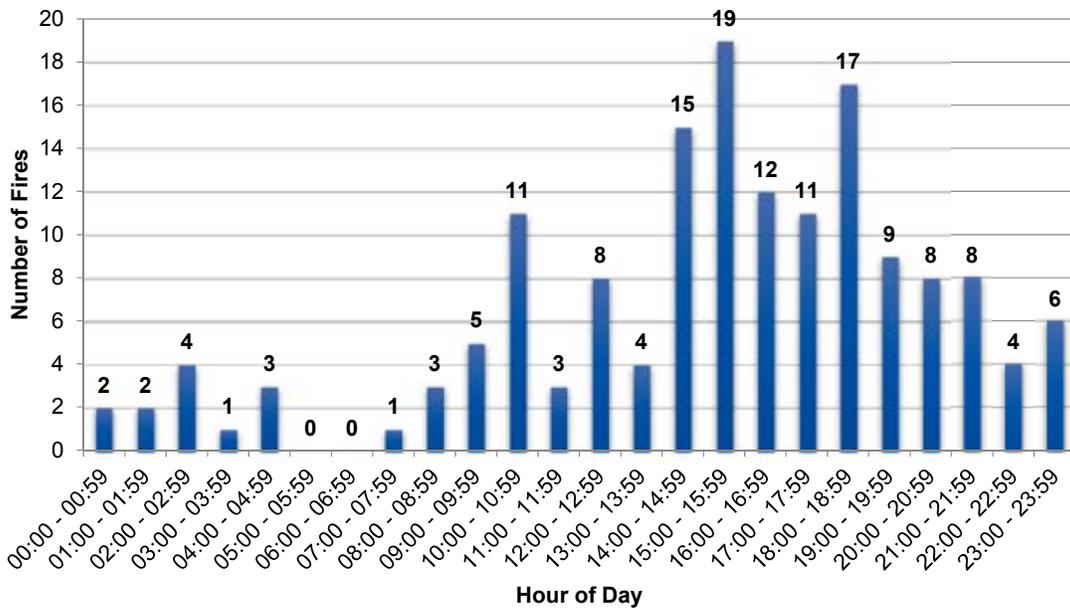
2017 Ages and Gender of Youth-Involved with Fire - Incidents



Gender\ Age	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Total
Female	0	0	1	0	0	1	1	1	0	1	0	2	2	3	2	0	1	15
Male	0	3	0	1	2	6	8	11	9	13	8	17	18	15	18	9	2	140
Not reported	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
<b>Total</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>12</b>	<b>9</b>	<b>15</b>	<b>8</b>	<b>19</b>	<b>20</b>	<b>18</b>	<b>20</b>	<b>9</b>	<b>3</b>	<b>156</b>

Sixty-six percent of fire incidents involving youth occur between 1 p.m. and 9 p.m. The hours from 3 p.m. to 9 p.m. accounted for 54% of all youth involved fires.

**2017 Fire Incidents Involving Youth by Time of Day**

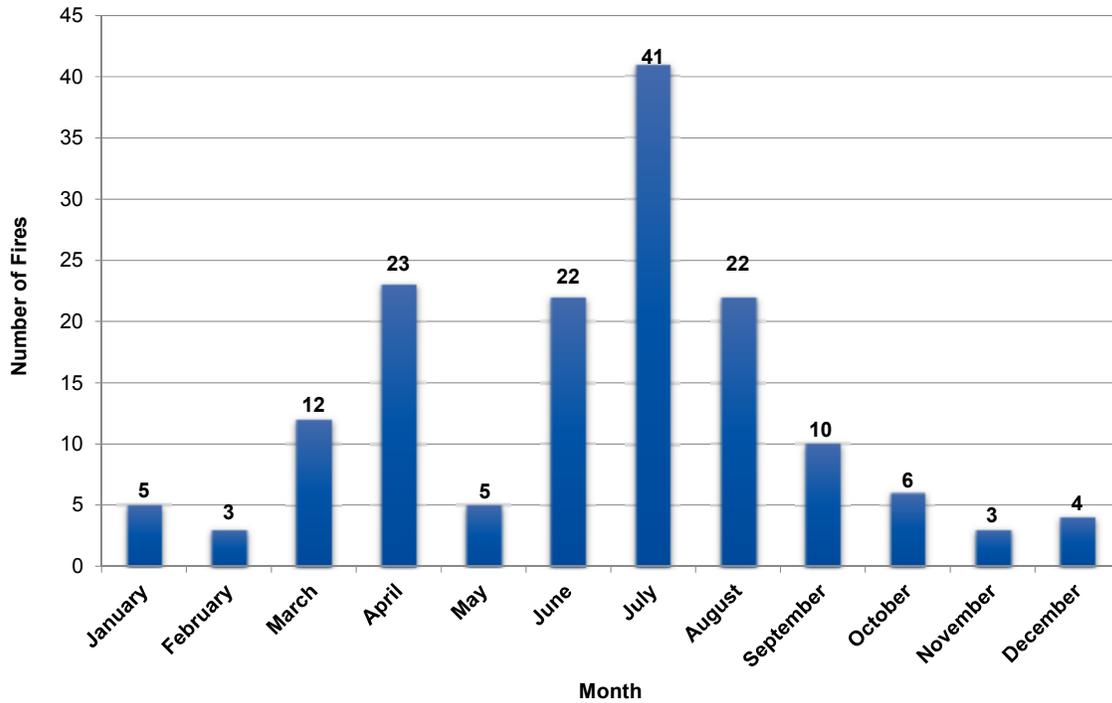


Hour	Fires	%
00:00 - 00:59	2	1.3%
01:00 - 01:59	2	1.3%
02:00 - 02:59	4	2.6%
03:00 - 03:59	1	0.6%
04:00 - 04:59	3	1.9%
05:00 - 05:59	0	0.0%
06:00 - 06:59	0	0.0%
07:00 - 07:59	1	0.6%
08:00 - 08:59	3	1.9%
09:00 - 09:59	5	3.2%
10:00 - 10:59	11	7.1%
11:00 - 11:59	3	1.9%
12:00 - 12:59	8	5.1%

Hour	Fires	%
13:00 - 13:59	4	2.6%
14:00 - 14:59	15	9.6%
15:00 - 15:59	19	12.2%
16:00 - 16:59	12	7.7%
17:00 - 17:59	11	7.1%
18:00 - 18:59	17	10.9%
19:00 - 19:59	9	5.8%
20:00 - 20:59	8	5.1%
21:00 - 21:59	8	5.1%
22:00 - 22:59	4	2.6%
23:00 - 23:59	6	3.8%
<b>Total</b>	<b>156</b>	<b>100.0%</b>

Fifty-five percent of youth-involved fires occurred during the months of June through August.

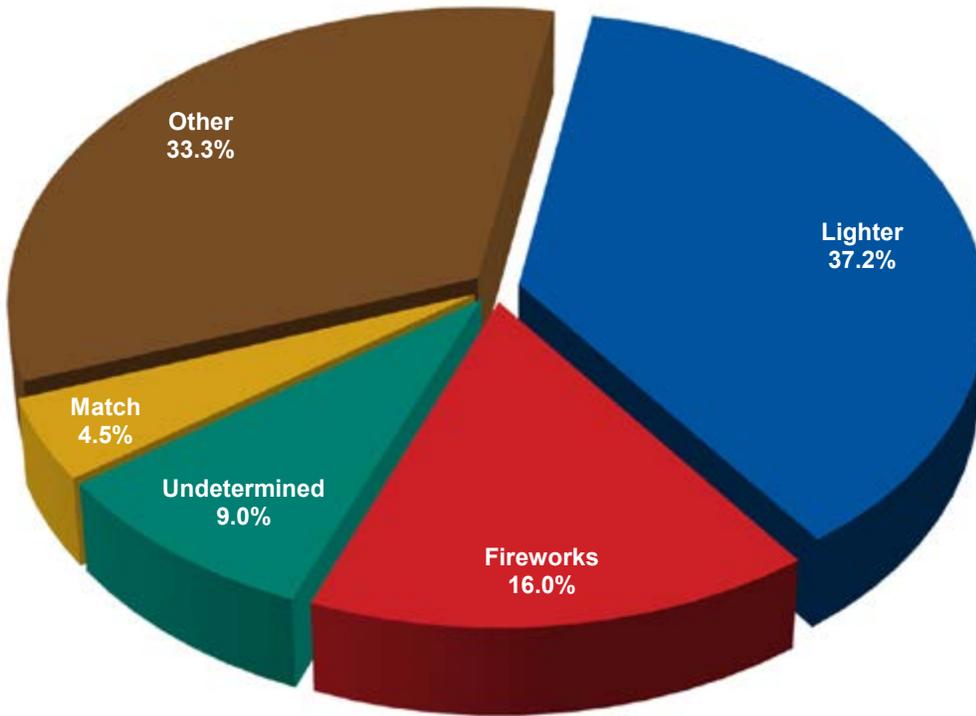
**2017 Fire Incidents Involving Youth by Month**



Month	Fires	%
January	5	3.2%
February	3	1.9%
March	12	7.7%
April	23	14.7%
May	5	3.2%
June	22	14.1%
July	41	26.3%
August	22	14.1%
September	10	6.4%
October	6	3.8%
November	3	1.9%
December	4	2.6%
<b>Total</b>	<b>156</b>	<b>100.0%</b>

### 2017 Top Heat Sources of Youth-Involved fires

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

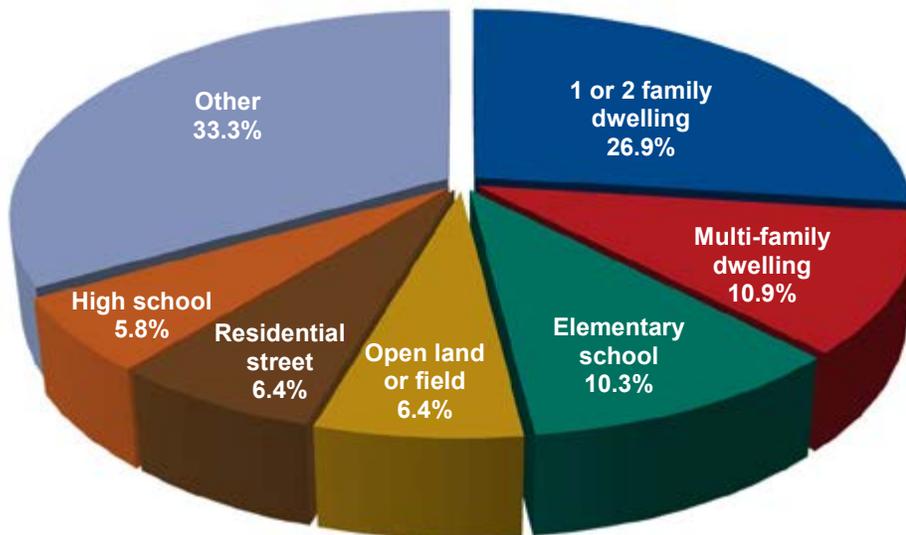


Heat Source	Count	%
Lighter	58	37.2%
Fireworks	25	16.0%
Undetermined	14	9.0%
Match	7	4.5%
Other	52	33.3%
<b>Total</b>	<b>156</b>	<b>100.0%</b>

Item First Ignited	Count	%
Light vegetation	37	24.2%
Rubbish, trash, waste	24	15.7%
Undetermined	9	5.9%
Flammable liquid/gas	6	3.9%
Magazine, newspaper, writing paper	6	3.9%
Other	71	46.4%
<b>Total</b>	<b>153</b>	<b>100.0%</b>

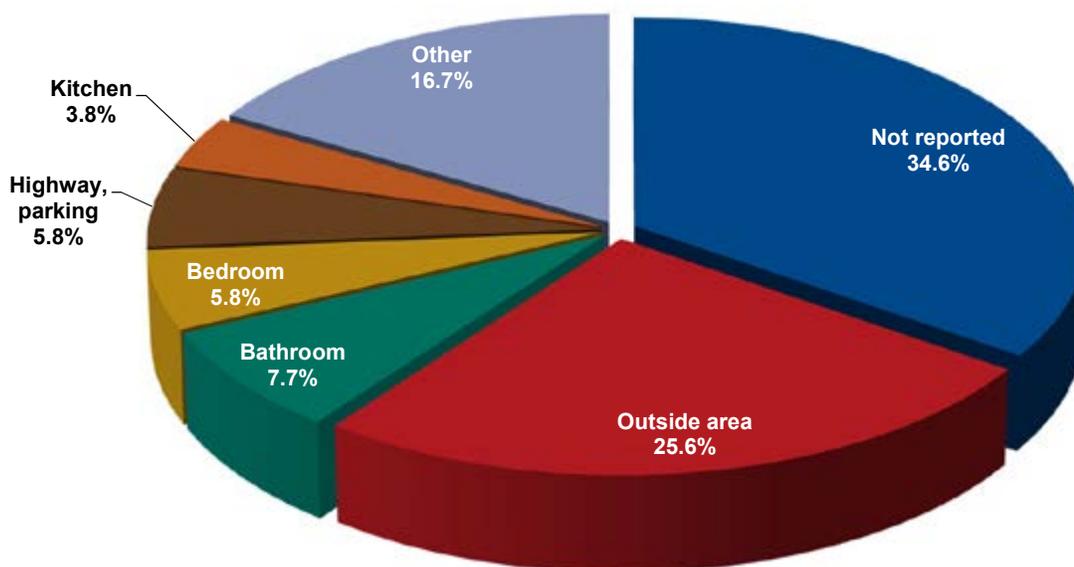
The largest percentage (38%) of all fires involving youth occurred in residential dwellings. The following chart shows the property uses where fires involving youth started. Property types in the 'Other' category include streets, forests, parking areas, playgrounds, stadiums, crops, outbuildings, and sheds.

**2017 Fires Involving Youth by Property Use**



One fourth of all fires involving youth start in outdoor areas, such as fields, forest areas, and playgrounds. The chart below indicates the highest percentage of indoor fires originate in bathroom areas.

**2017 Fires Involving Youth by Area of Origin**



Thirty-four of Oregon's 316 fire agencies reported incidents where youth were or may have been involved in fire ignition. The information in the report is based on the data provided in those incident reports. Agencies reporting youth involved fires are:

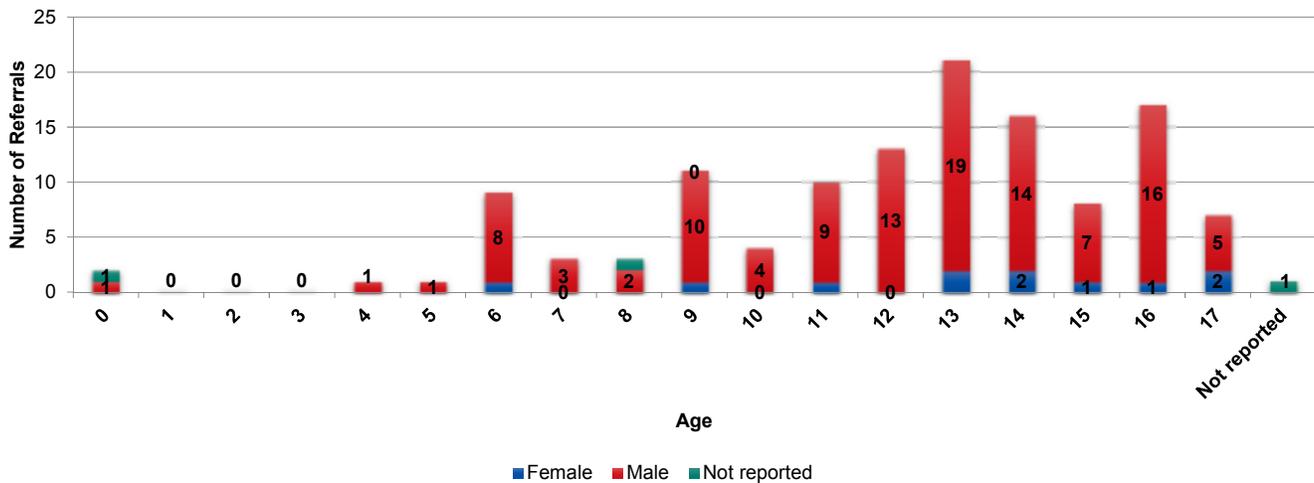
AMITY FIRE DISTRICT	JEFFERSON CO RFPD #1
AURORA RFPD	LAKE OSWEGO FIRE DEPARTMENT
BAKER CITY FD	MALIN RFPD
BEND FD	MEDFORD FIRE-RESCUE
BROOKINGS F&R	MOHAWK VALLEY RFPD
CLACKAMAS CO FIRE DIST #1	MYRTLE CREEK FD
CLATSKANIE RFPD	NEW CARLTON FIRE DISTRICT
COLUMBIA RIVER F&R	OREGON STATE FIRE MARSHAL
COOS BAY F&R	PENDLETON FIRE & AMB
CORVALLIS FD	PORTLAND BUREAU OF F&R&EMS
CROOK CO F&R	REDMOND F&R
CROOKED RIVER RANCH RFPD	SALEM FD
DOUGLAS CO FIRE DIST #2	SISTERS-CAMP SHERMAN RFPD
EUGENE SPRINGFIELD FIRE	TUALATIN VALLEY F&R
GOLD BEACH FD	UMATILLA CO FIRE DIST #1
GRESHAM FIRE & EMERG SRVCS	UNION EMERGENCY SERVICES
HILLSBORO FD	WOODBURN FIRE DIST

## YOUTH-INVOLVED WITH FIRE – INTERVENTIONS

In 2017, 127 interventions involving youth were reported to the OSFM. It is important to note that not every fire involving a youth results in an intervention. Interventions may also occur without a response from a local fire agency.

The following information includes data exclusively from the JFSI module in the Oregon Fire Bridge™.

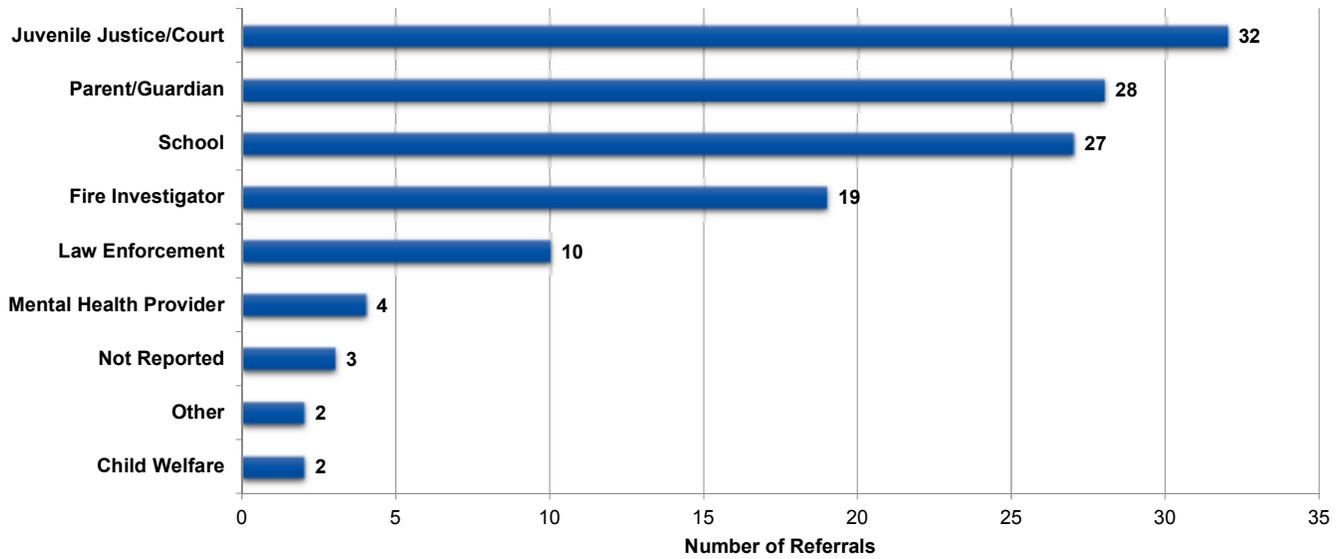
**2017 Ages and Gender of Youth Referrals**



Gender\Age	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Not reported	Total
Female	0	0	0	0	0	0	1	0	0	1	0	1	0	2	2	1	1	2	0	11
Male	1	0	0	0	1	1	8	3	2	10	4	9	13	19	14	7	16	5	0	113
Not reported	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	3
<b>Total</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>3</b>	<b>3</b>	<b>11</b>	<b>4</b>	<b>10</b>	<b>13</b>	<b>21</b>	<b>16</b>	<b>8</b>	<b>17</b>	<b>7</b>	<b>1</b>	<b>127</b>

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.

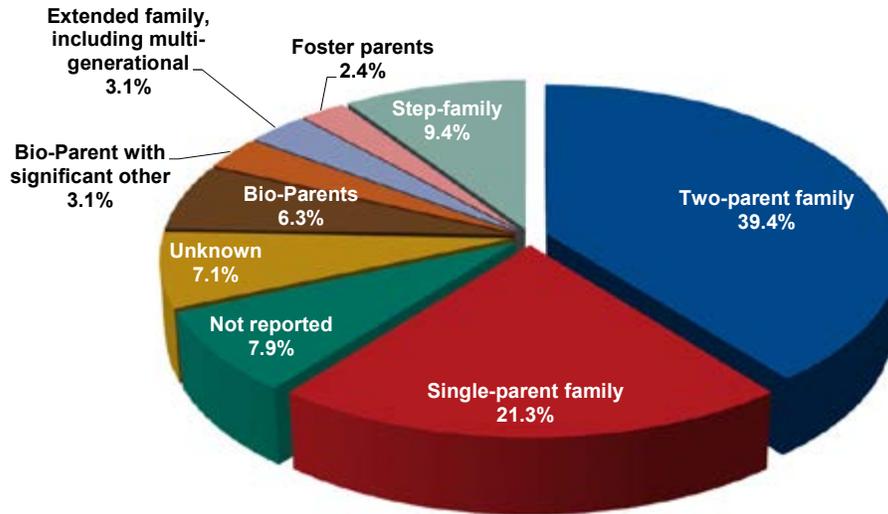
**2017 Sources of Youth Referrals to the Fire Service**



Referral Source	Count	%
Child Welfare	2	1.6%
Other	2	1.6%
Not Reported	3	2.4%
Mental Health Provider	4	3.1%
Law Enforcement	10	7.9%
Fire Investigator	19	15.0%
School	27	21.3%
Parent/Guardian	28	22.0%
Juvenile Justice/Court	32	25.2%
<b>Total</b>	<b>127</b>	<b>100.0%</b>

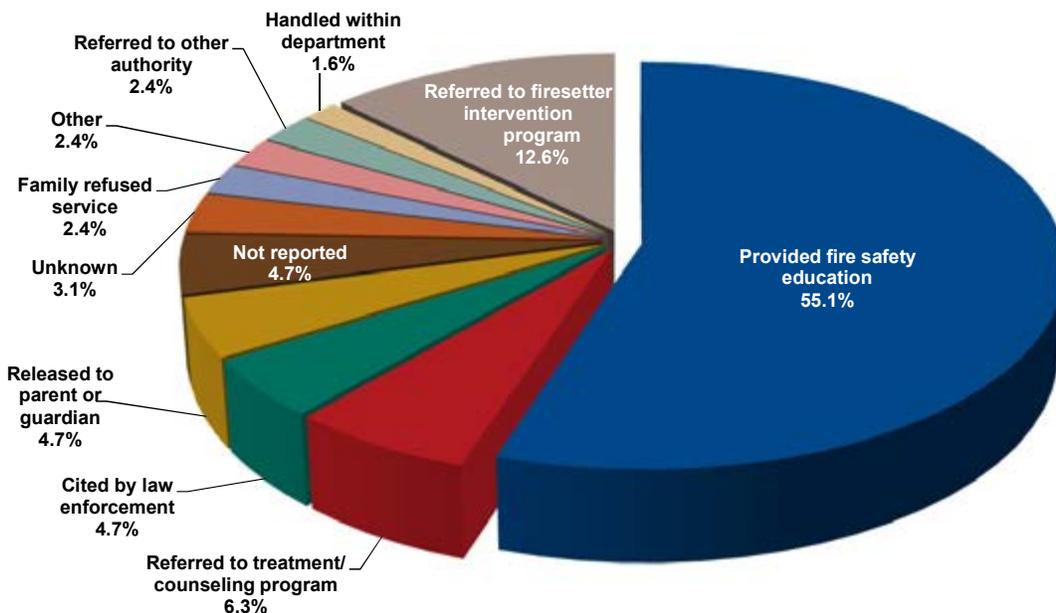
There are many combinations of family units in today's society. In 2017, of the 127 reported youth involved with fire, the largest percentage (45%) of youth misusing fire lived in combinations where two adults were in the home.

**2017 Family Types of Youth Referrals**



Youth coming to the attention of a fire agency often receive several different interventions. This chart details the number of youth involved with fire that were seen by fire agencies and referred for further evaluation and community service.

**2017 Intervention Resources Used**



By the time a youth is referred to a fire agency for intervention, or a fire has gotten out of control, a history of misusing fire has already been established, with 45% of youth interventions in 2017 indicating prior experiences with fire. These youths reported a total of 404 fire experiences.

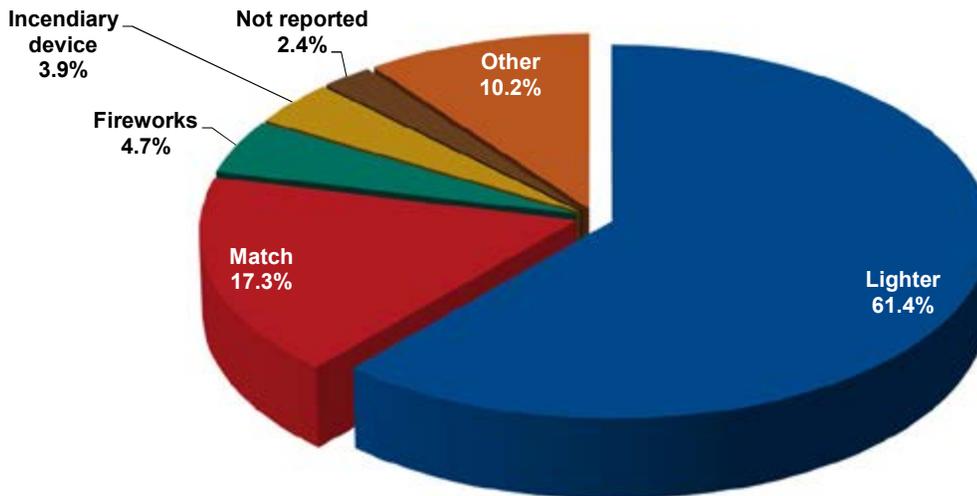
There were 16 reported incidents in which a youth used an accelerant to start a fire. The following is a breakdown of those accelerants.

Previous Fires Set	# of Youth	%
0	66	52.0%
1	18	14.2%
2	10	7.9%
3	16	12.6%
4	2	1.6%
5	6	4.7%
12	1	0.8%
20	1	0.8%
50	1	0.8%
99	2	1.6%
Not reported	4	3.1%
<b>Total</b>	<b>127</b>	<b>100.0%</b>

Accelerant Used	Total	%
None	104	81.9%
Gasoline	7	5.5%
Aerosol	5	3.9%
Black Powder	2	1.6%
Multiple	1	0.8%
Unknown	4	3.1%
Not Reported	4	3.1%
<b>Total</b>	<b>127</b>	<b>100.0%</b>

Matches and lighters continue to be the most common sources of ignition.

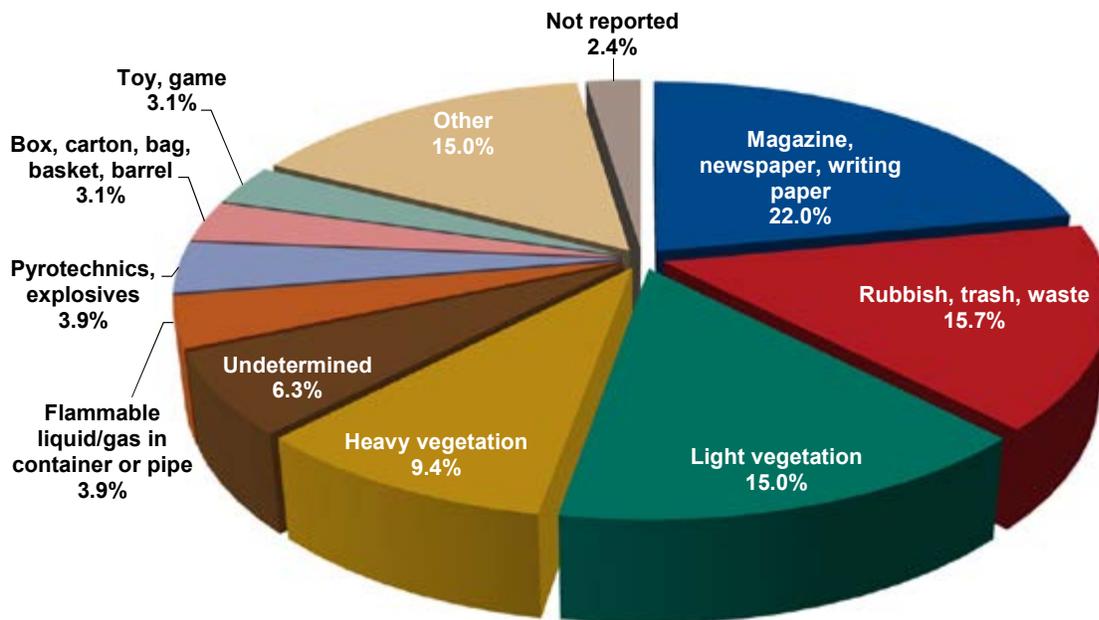
**2017 Youth Referral Ignition Source**



Sixty percent of the youths reported they obtained the ignition source at home. This has consistently been the leading location for youth to obtain ignition sources.

The first material ignited tends to be a function 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.

**2017 Top 10 Items Ignited by Youth Referrals**



Sixteen of Oregon's 316 fire agencies provided youth intervention data that was used in this report. Those agencies are:

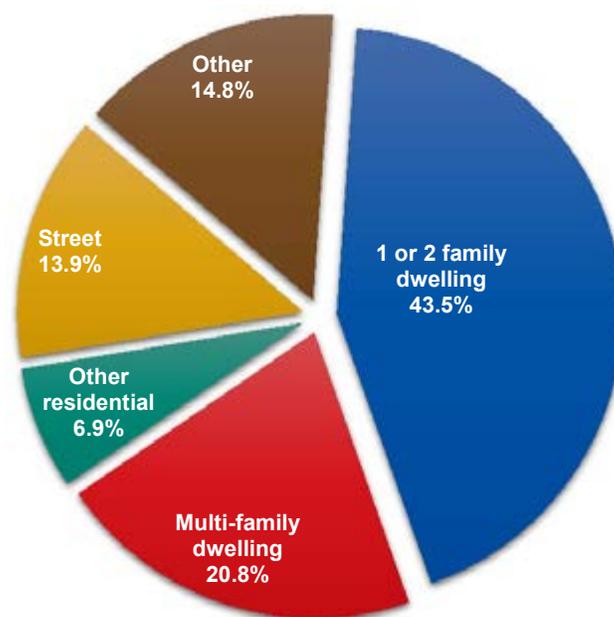
- BAKER CITY FD
- BEND FD
- CLACKAMAS CO FIRE DIST #1
- COLUMBIA RIVER FIRE & RESCUE
- COOS BAY FIRE DEPARTMENT
- CORVALLIS FD
- GRANTS PASS DEPT PUBLIC SAFETY
- GRESHAM FIRE & EMERG SRVCS
- HILLSBORO FD
- JACKSON CO FD #3
- LAKE OSWEGO FIRE DEPARTMENT
- MCMINNVILLE FD
- OREGON STATE FIRE MARSHAL
- REDMOND FIRE & RESCUE
- SUBLIMITY FIRE DISTRICT
- TUALATIN VALLEY FIRE & RESCUE

# 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 members of a fire department. This includes non-firefighting emergency service personnel such as police officers and utility workers.

**2017 Total Civilian Fire Injuries by Property Use**



As indicated in the chart 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	%	Total Casualties	%
1 or 2 family dwelling	94	43.5%	32	54.2%	126	45.8%
Multi-family dwelling	45	20.8%	5	8.5%	50	18.2%
Other residential	15	6.9%	2	3.4%	17	6.2%
Street, parking areas	30	13.9%	6	10.2%	36	13.1%
Other	32	14.8%	14	23.7%	46	16.7%
<b>Total</b>	<b>216</b>	<b>100.0%</b>	<b>59</b>	<b>100.0%</b>	<b>275</b>	<b>100.0%</b>

## Civilian Fire Fatalities

There were 59 confirmed fire-related deaths in 2017. Of these, 11 occurred in unintentional residential structure fires including all residential property types. Thirty-seven deaths resulted from non-residential fires, eight deaths resulted from intentional fires, and three fire-related deaths resulted from suicide. The OSFM focuses its fatality data analysis on understanding the causes and circumstances of unintentional residential structure fires.

### 2017 Confirmed Civilian Fire Fatalities in Oregon - Unintentional Residential

Incident Type	County	Age	Gender	Cause of Fire
RV Fire	Columbia	87	M	Combustibles too Close
House Fire	Douglas	13	M	Combustibles too Close
House Fire	Douglas	4	F	Combustibles too Close
House Fire	Douglas	38	F	Combustibles too Close
Apartment Fire	Multnomah	19	F	Combustibles too Close
Apartment Fire	Multnomah	41	M	Cooking Fire
Vehicle Fire	Multnomah	59	M	MVA
Outdoor Fire	Clackamas	45	F	Under Investigation
RV Fire	Multnomah	38	M	Undetermined
House Fire	Multnomah	42	M	Undetermined - NFIRS Butane Gas - Pfd
House Fire	Multnomah	68	M	Undetermined - NFIRS Butane Gas - Pfd
<b>Confirmed Unintentional Residential Fire Deaths:</b>				<b>11</b>

In 2017, the majority (55%) of confirmed residential fire victims were between the ages 18 and 49, 27% were age 50+, and 18% were under the age of 18.

Combustibles too close were the leading cause of fatal fires in 2017, responsible for 45% of confirmed residential fire deaths and 22% of all confirmed fire deaths.

### 2017 Confirmed Civilian Fire Fatalities in Oregon - Intentional and Non-Residential

Incident Type	County	Age	Gender	Cause of fire
House Fire	Jackson	46	M	Candle
House Fire	Douglas	7	F	Combustibles too Close
House Fire	Douglas	10	M	Combustibles too Close
House Fire	Douglas	13	M	Combustibles too Close
House Fire	Marion	6	F	Combustibles too Close
House Fire	Marion	48	M	Combustibles too Close
Outdoor Fire	Umatilla	29	M	Combustibles too Close
RV Fire	Yamhill	37	F	Combustibles too Close
RV Fire	Yamhill	8	F	Combustibles too Close
House Fire	Clatsop	58	M	Electrical
House Fire	Jackson	38	F	Electrical
House Fire	Polk	0	M	Electrical
Vehicle Fire	Deschutes	69	M	MVA
Vehicle Fire	Douglas	28	M	MVA
Vehicle Fire	Jefferson	68	M	MVA
Vehicle Fire	Lane	28	F	MVA
Vehicle Fire	Malheur	37	M	MVA
Vehicle Fire	Malheur	55	M	MVA
Vehicle Fire	Marion	37	M	MVA
Vehicle Fire	Multnomah	27	M	MVA
Vehicle Fire	Wallowa	37	M	Open Fire
House Fire	Baker	83	M	Product Misuse
RV Fire	Douglas		M	Smoking
House Fire	Grant	1	F	Smoking
House Fire	Grant	3	F	Smoking
House Fire	Lane	80	M	Smoking
House Fire	Lane	77	F	Smoking
House Fire	Yamhill	71	F	Smoking w/Oxygen
House Fire	Douglas	89	M	Under Investigation
House Fire	Malheur	43	M	Under Investigation
House Fire	Douglas	51	F	Undetermined
House Fire	Jackson	85	M	Undetermined
Out Building Fire	Josephine	37	M	Undetermined
House Fire	Lane	77	F	Undetermined
House Fire	Marion	79	M	Undetermined

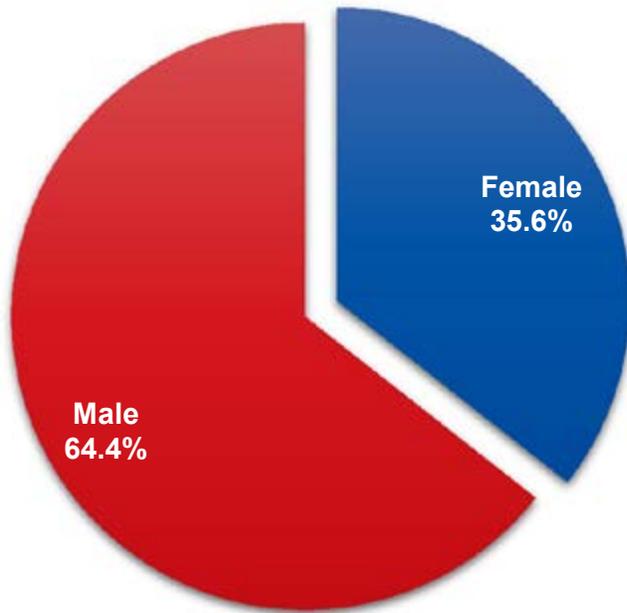
### 2017 Confirmed Civilian Fire Fatalities in Oregon - Intentional and Non-Residential

Incident Type	County	Age	Gender	Cause of fire
Apartment Fire	Yamhill	59	F	Undetermined
House Fire	Marion	62	F	Undetermined
House Fire	Marion	39	F	Incendiary
House Fire	Umatilla	72	M	Incendiary
House Fire	Marion	42	M	Incendiary
House Fire	Marion	10	M	Incendiary
House Fire	Marion	10	M	Incendiary
House Fire	Marion	7	F	Incendiary
Apartment Fire	Multnomah	42	M	Undetermined - NFIRS Incendiary - Pfd
Apartment Fire	Multnomah	24	M	Undetermined - NFIRS Incendiary - Pfd
Outdoor Fire	Clackamas	75	M	Suicide
RV Fire	Lane	45	F	Suicide
House Fire	Benton	29	M	Suicide
<b>Confirmed Non-Residential Fire Deaths:</b>			<b>47</b>	
<b>Total Confirmed Oregon Fire Deaths:</b>			<b>59</b>	

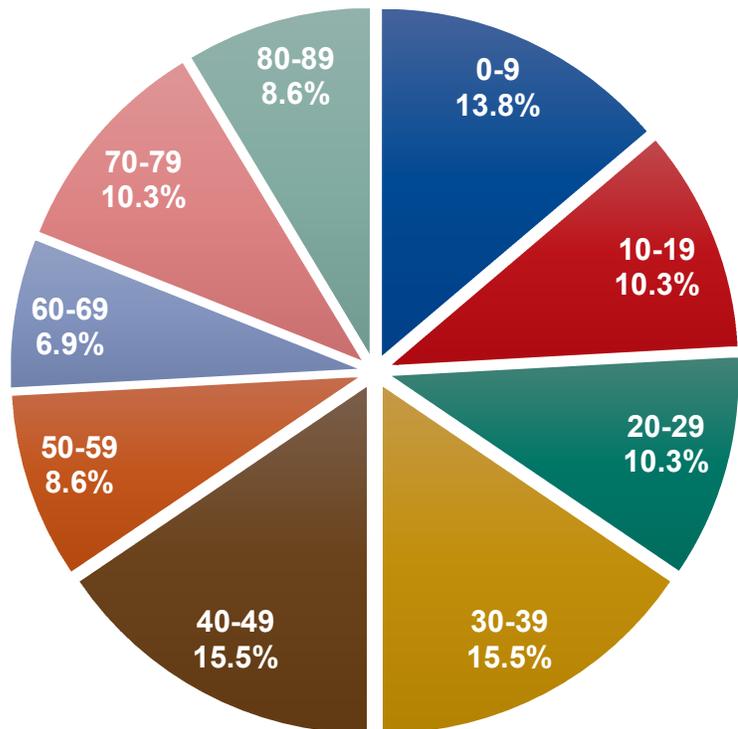
## CIVILIAN FIRE FATALITIES

The following charts reflect the 59 fire deaths confirmed by the Oregon Medical Examiner's Office as of March 31, 2018.

**2017 Fire Fatalities by Gender**

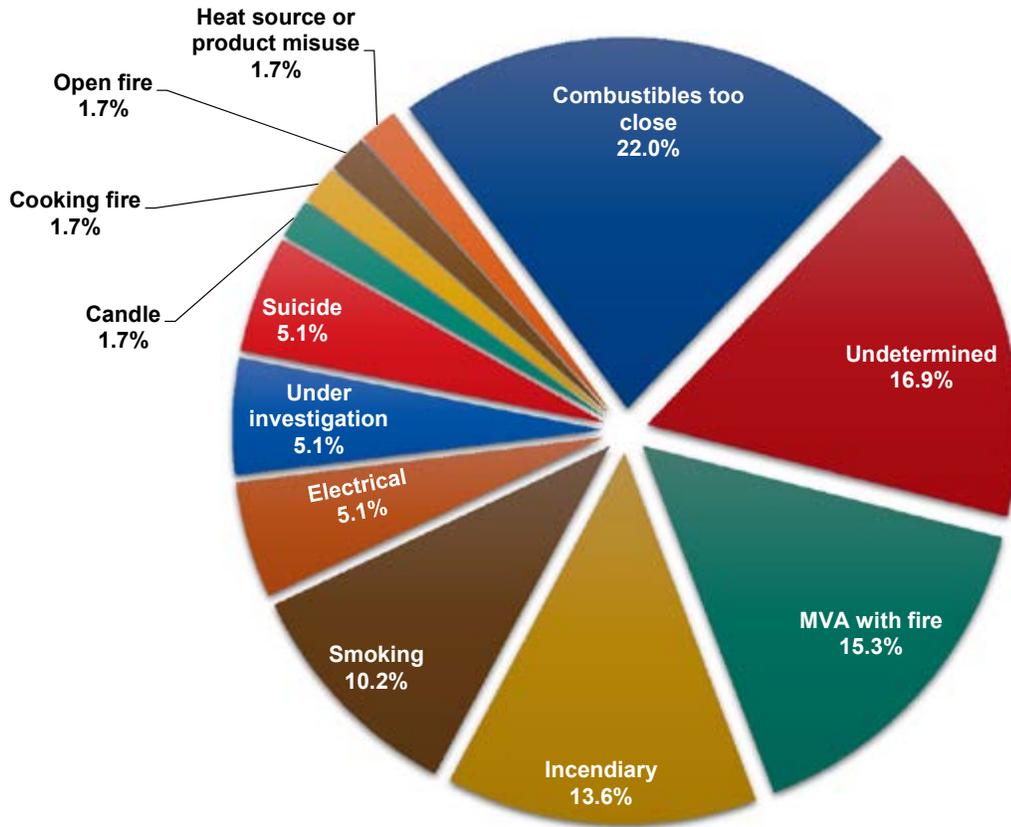


**2017 Fire Fatalities by Age Group**



## CIVILIAN FIRE FATALITIES

2017 Cause of Fires in Fatalities

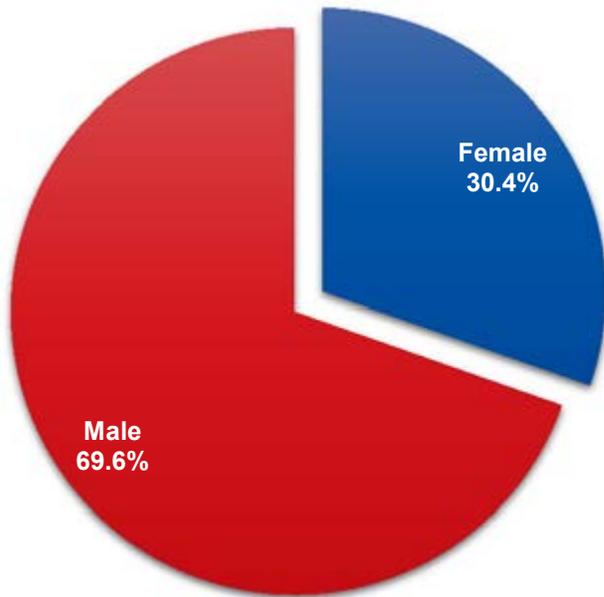


Fire Cause	Deaths	%
Combustibles too close	13	22.0%
Undetermined	10	16.9%
MVA with fire	9	15.3%
Incendiary	8	13.6%
Smoking	6	10.2%
Electrical	3	5.1%
Under investigation	3	5.1%
Suicide	3	5.1%
Candle	1	1.7%
Cooking fire	1	1.7%
Open fire	1	1.7%
Heat source or product misuse	1	1.7%
<b>Total</b>	<b>59</b>	<b>100.0%</b>

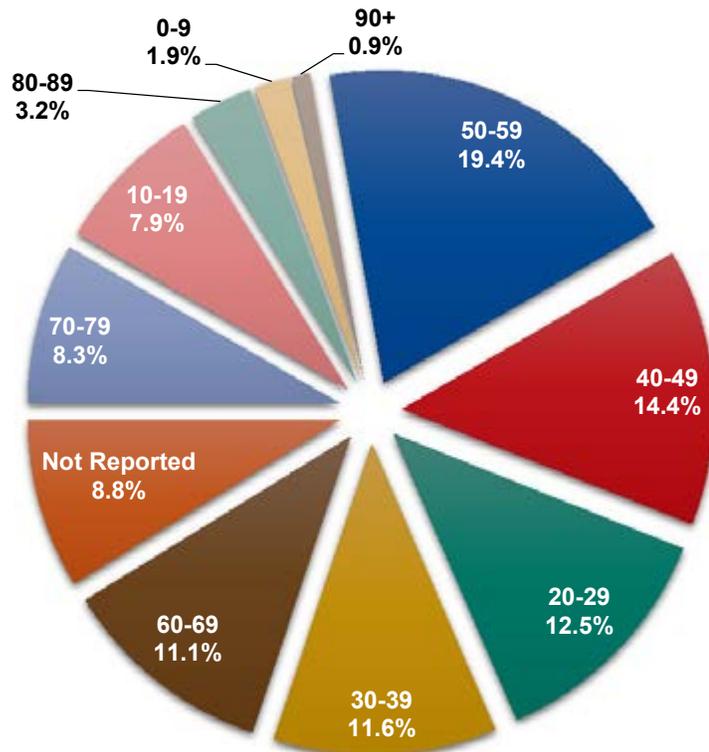
## CIVILIAN FIRE INJURIES

The following charts reflect the 216 fire related injuries reported by Oregon fire agencies.

### 2017 Fire Injuries by Gender

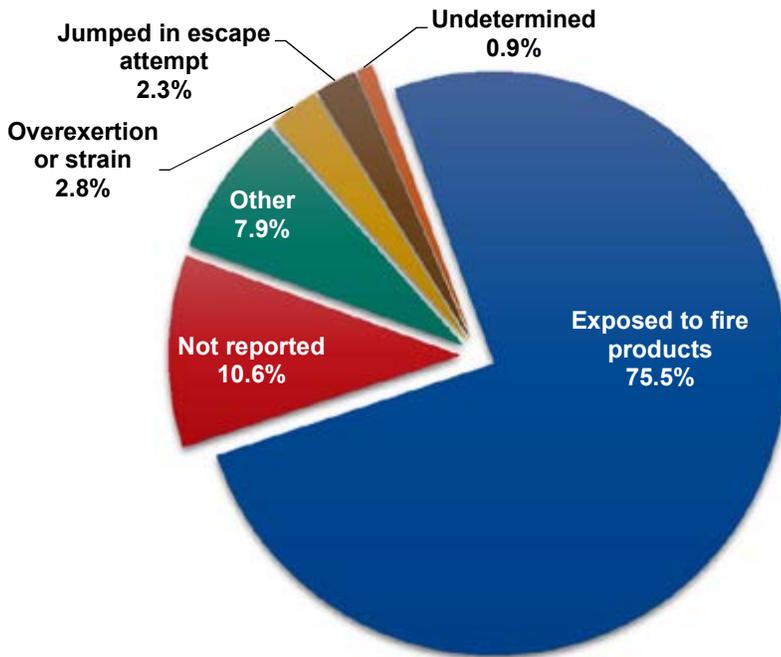


### 2017 Fire Injuries by Age Group

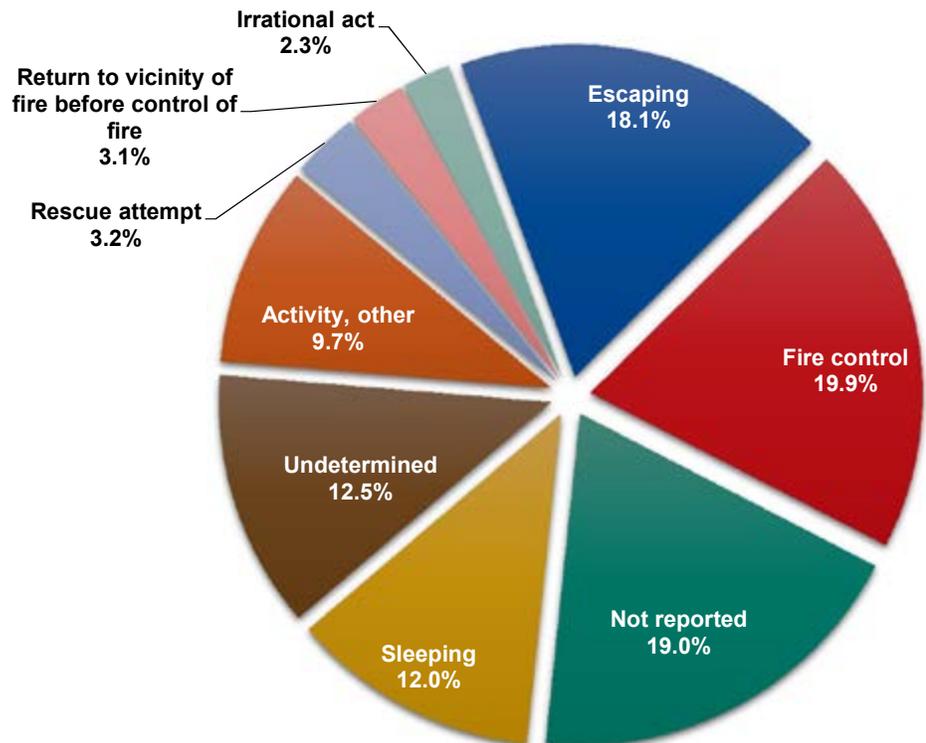


## CIVILIAN FIRE INJURIES

2017 Causes of Fire Injuries

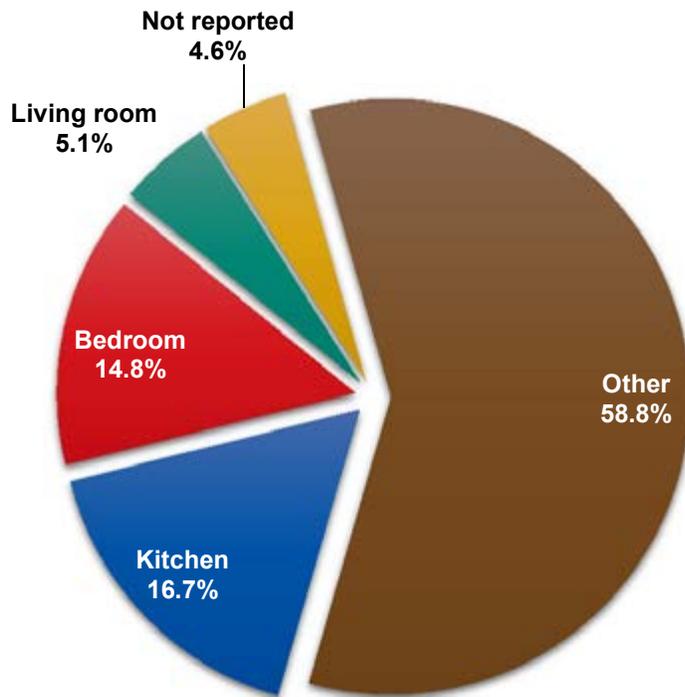


2017 Activity at Time of Injury

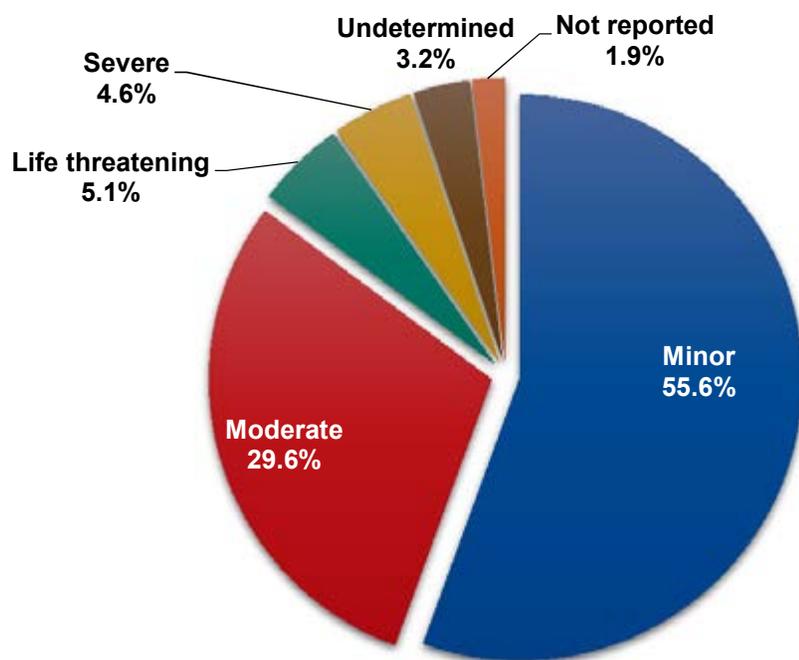


## CIVILIAN FIRE INJURIES

2017 Fire Injuries Top Areas of Origin



2017 Severity Fire Injuries

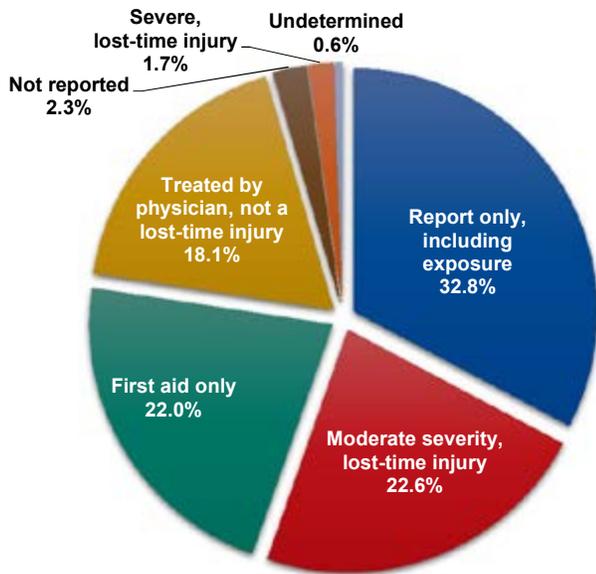


## FIRE SERVICE CASUALTIES

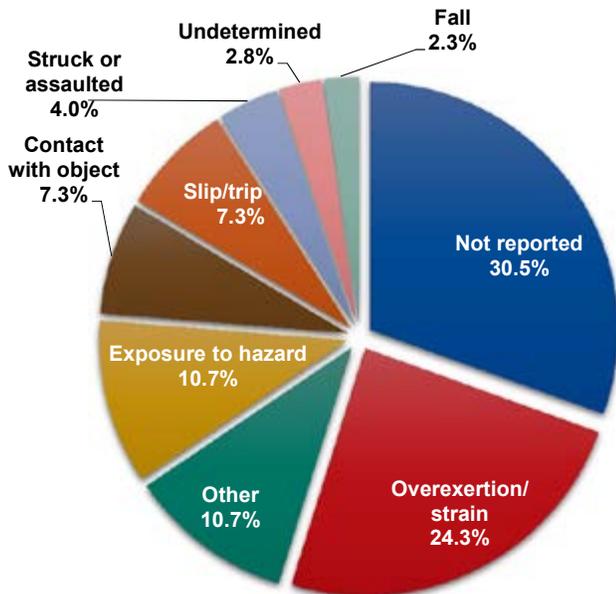
Fire service casualties are deaths, injuries, or exposures to fire agency members. This includes casualties that occur both with incident response and with non-incident events such as station duties or training.

There were 177 fire service casualties reported in 2017, none of which were deaths.

**2017 Fire Service Injuries by Severity**



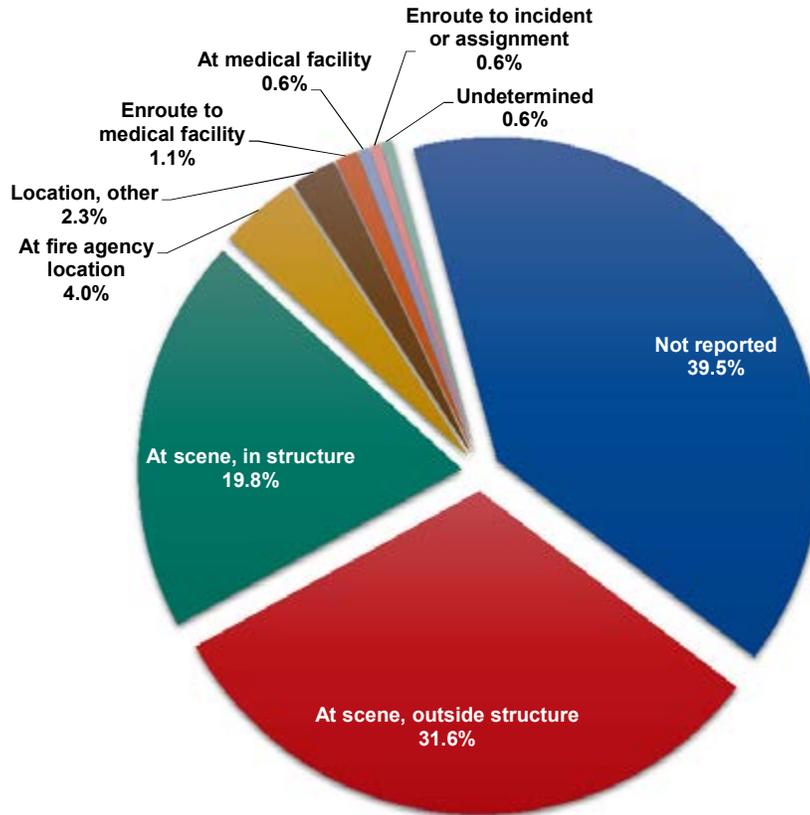
**2017 Fire Service Cause of Injury**



Body Part Injured	Injuries	%
Back, Except Spine	27	15.3%
Hand and Fingers	19	10.7%
Not Reported	18	10.2%
Shoulder	14	7.9%
Multiple Body Parts, Whole Body	13	7.3%
Head, Other	12	6.8%
Ankle	10	5.6%
Knee	9	5.1%
Ear	7	4.0%
Spine	7	4.0%
Part of Body, Other	6	3.4%
Arm, Lower, Not Including Elbow or Wrist	5	2.8%
Hip, Lower Back, or Buttocks	5	2.8%
Neck	5	2.8%
Arm, Upper, Not Including Elbow or Shoulder	3	1.7%
Elbow	3	1.7%
Trachea And Lungs	3	1.7%
Eye	2	1.1%
Multiple Body Parts, Upper Body	2	1.1%
Leg, Upper	1	0.6%
Mouth, Included Are Lips, Teeth, and Interior	1	0.6%
None	1	0.6%
Nose	1	0.6%
Pelvis or Groin	1	0.6%
Throat	1	0.6%
Wrist	1	0.6%
<b>Total</b>	<b>177</b>	<b>100.0%</b>

## FIRE SERVICE CASUALTIES

**2017 Where Fire Service Injuries Occurred**

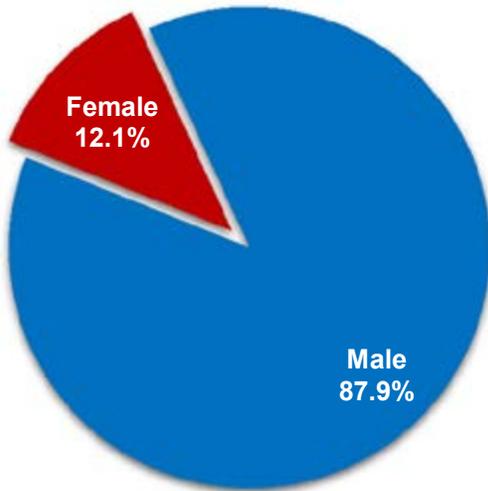


Casualty Factor	Injuries	%
Not Reported	79	44.6%
Contributing Factor, Other	27	15.3%
None	26	14.7%
Icy Surface	8	4.5%
Undetermined	8	4.5%
Uneven Surface, Included are Holes in the Ground	6	3.4%
Fire Progress, Including Smoky Conditions	4	2.3%
Explosion	3	1.7%
Fire Development, Other	3	1.7%

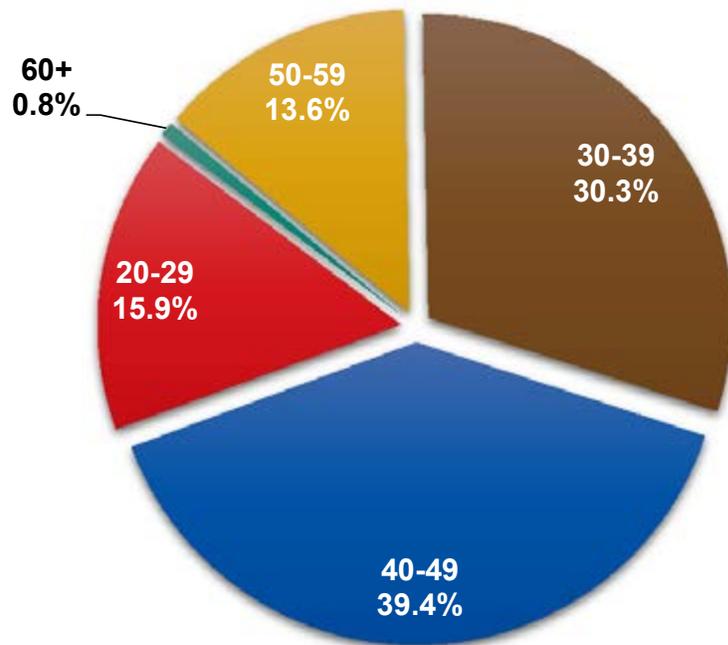
Casualty Factor	Injuries	%
Operating in Confined Structural Areas	3	1.7%
Wet Surface, Included are Water/Soap/Foam, Etc.	3	1.7%
Ceiling Collapse	2	1.1%
Vehicle or Apparatus, Other	2	1.1%
Collapse or Falling Object, Other	1	0.6%
Falling Objects	1	0.6%
Slippery or Uneven Surfaces, Other	1	0.6%
<b>Total</b>	<b>177</b>	<b>100.0%</b>

## FIRE SERVICE CASUALTIES

### 2017 Fire Service Injuries by Gender



### 2017 Fire Service Injuries by Age Group



# COMMUNITY RIGHT TO KNOW

## Executive Summary

The Oregon Community Right to Know and Protection Act (ORS 453.307 to ORS 453.520) requires facilities with certain quantities of hazardous substances to annually report information about those substances to the Oregon Office of State Fire Marshal (OSFM), Community Right To Know (CR2K) unit using the Oregon Hazardous Substance Information Survey (HSIS). This law also requires emergency responders to report to OSFM incidents involving the release, or threatened release, of hazardous substances.

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), Local Emergency Planning Committees (LEPC), and local fire agencies. In Oregon, the OSFM serves as the SERC, and this reporting requirement is accomplished by completion and submittal of the HSIS.

The CR2K unit collects demographic information about both the facility and hazardous substance details for chemicals on site that meet reportable quantity thresholds. A hazardous substance is defined as a substance for which the Oregon Occupational Safety and Health Administration (OR OSHA) 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 that are not a sealed source are reportable at any quantity (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.

The HSIS data is frequently validated to ensure it is correct for those who rely upon it. Types of validation include manually reviewing surveys, calling facilities about specific data not clarified on the survey, electronic validation through monthly quality control queries, and conducting in-person and phone audits to confirm and assist with compliance. A hazardous substance information hotline is available to facilities for assistance on completing the HSIS.

The public has access to most HSIS information at individual facilities, and information about hazardous substance incidents. HSIS information is provided to the Oregon's SERC, LEPCs, fire agencies, regional hazmat teams, county and local emergency planners, county health administrators, Public Safety Answering Points (PSAP 911 call centers), and local and state agencies. The data helps these partners make informed decisions about how to protect life, property, and the environment from hazardous materials incidents.

For more information, please visit our CR2K website or call the Hazardous Substance Information Hotline at 503-378-6835 or 1-800-454-6125. To request or obtain information from the HSIS, please visit our CR2K Information Access website, complete the CR2K Information Request form, email [sfm.cr2k@state.or.us](mailto:sfm.cr2k@state.or.us), or call 503-934-8353.

# Hazardous Substance Storage

## FACILITIES REPORTING

### Reporting Frequency by North American Industry Classification System (NAICS) Codes

This table lists the ten specific industry classifications with the most facilities that were sent a survey in 2017.

NAICS Code	NAICS Description	Facilities
517212	Cellular & Other Wireless Telecommunication	2,107
921190	Other General Gov Support	1,075
517110	Wired Telecommunications Carriers	462
221122	Electric Power Distribution	356
611110	Elementary & Secondary Schools	342
424710	Petroleum Bulk Stations & Terminals	292
811111	General Automotive Repair	255
441310	Automotive Parts & Accessories Stores	249
447110	Gasoline Stations With Convenience Stores	216
441110	New Car Dealers	171

### Compliance Rate for Retuning the Hazardous Substance Information Survey – by County

County	Surveys Sent	Surveys Received	Compliance Rate	County	Surveys Sent	Surveys Received	Compliance Rate
Baker	145	142	97.9%	Lane	1,090	1,038	95.2%
Benton	254	243	95.7%	Lincoln	246	229	93.1%
Clackamas	947	888	93.8%	Linn	482	465	96.5%
Clatsop	188	164	87.2%	Malheur	189	183	96.8%
Columbia	190	155	81.6%	Marion	876	830	94.7%
Coos	336	323	96.1%	Morrow	126	127	100.8%
Crook	104	103	99.0%	Multnomah	1,819	1,593	87.6%
Curry	121	118	97.5%	Polk	176	161	91.5%
Deschutes	568	544	95.8%	Sherman	53	48	90.6%
Douglas	511	487	95.3%	Tillamook	161	149	92.5%
Gilliam	40	40	100.0%	Umatilla	352	340	96.6%
Grant	71	70	98.6%	Union	153	151	98.7%
Harney	79	78	98.7%	Wallowa	67	65	97.0%
Hood River	108	97	89.8%	Wasco	158	148	93.7%
Jackson	585	567	96.9%	Washington	1,109	1,013	91.3%
Jefferson	112	101	90.2%	Wheeler	25	23	92.0%
Josephine	224	217	96.9%	Yamhill	303	285	94.1%
Klamath	377	375	99.5%	<b>TOTAL</b>	<b>12,444</b>	<b>11,658</b>	<b>93.7%</b>
Lake	99	98	99.0%				

## FACILITIES REPORTING

### Hazard Class Reporting Frequency

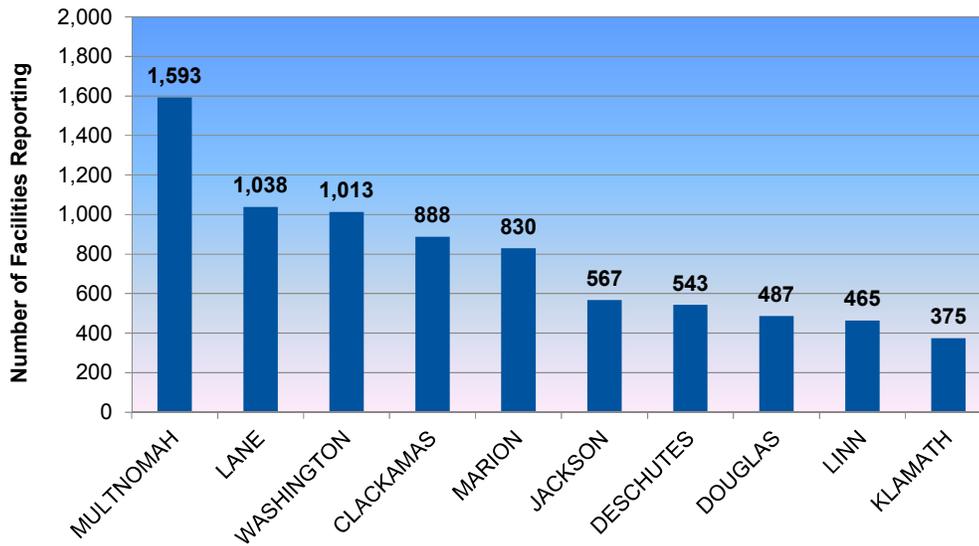
Facilities reporting substances on the survey must also report the hazard class associated with the substance. Hazard classes used for reporting are mainly United States Department of Transportation (USDOT) hazard class codes, along with several custom codes used only by the Oregon Community Right To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

This table shows how many times a substance with the hazard class was reported. For example, the table shows that facilities reported a Hazard Class 6.3 substance 15,210 times on the survey in 2017. .

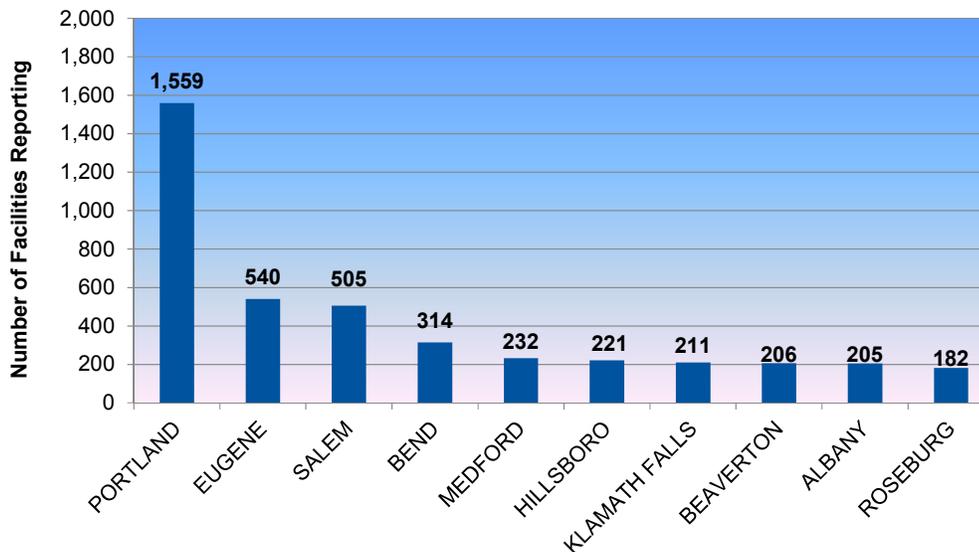
Hazard Class Code	Hazard Class Description	Number of Times Hazard Class Reported
6.3	Acute Health Hazard	15,210
3.0	Flammable and Combustible Liquid	6,816
4.5	Combustible Material	5,426
9.0	Miscellaneous Hazardous Material	4,827
2.2	Non-flammable Gas	3,902
2.1	Flammable Gas	3,724
5.1	Oxidizers	2,217
8.0	Corrosive Material	2,134
6.4	Chronic Health Hazard	982
4.4	Reactive Material	854
6.1	Poisonous Material	839
2.3	Poisonous Gas	539
7.0	Radioactive Material	395
1.3	Explosives (with predominately a fire hazard)	292
6.5	Pesticide	254
4.1	Flammable Solids	145
4.3	Dangerous When Wet	122
1.4	Explosives (with no significant blast hazard)	60
1.1	Explosives (with a mass explosion hazard)	43
4.2	Spontaneously Combustible Material	40
1.5	Very Insensitive Explosives; Blasting Agents	30
5.2	Organic Peroxides	10
1.2	Explosives (with a projection hazard)	8
6.2	Infectious Substance (Etiologic agent)	2

## FACILITIES REPORTING

### Top Ten Counties with the Most Facilities Reporting

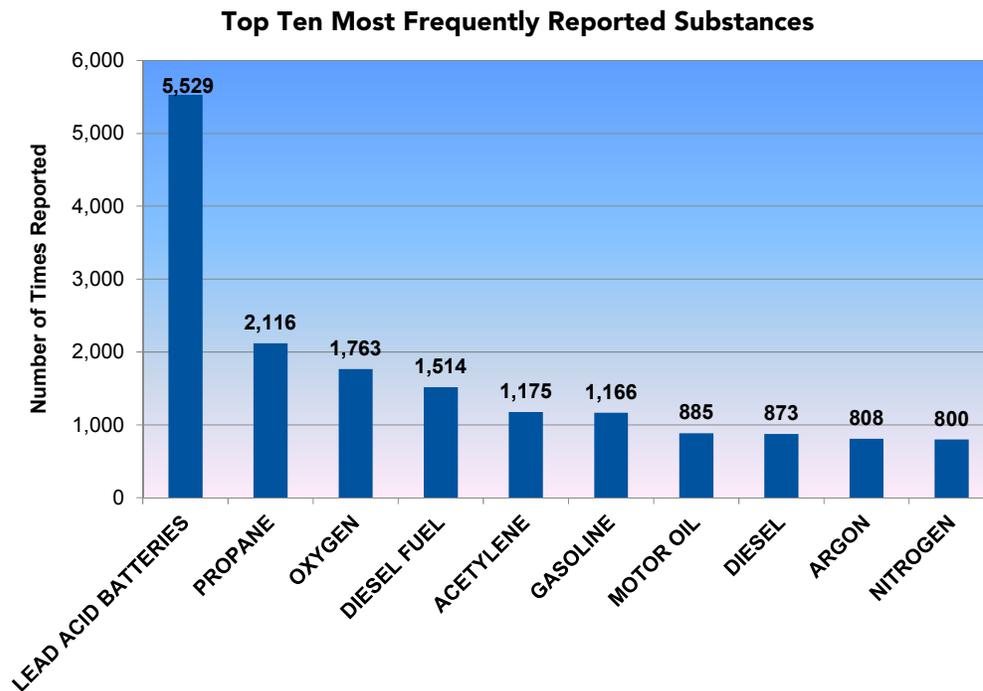


### Top Ten Cities with the Most Facilities Reporting

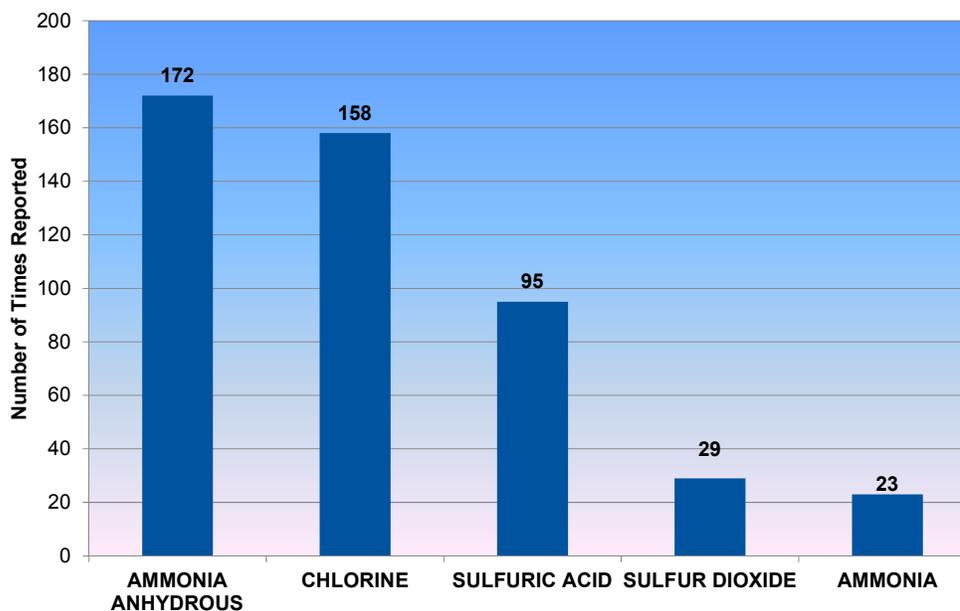


## SUBSTANCES REPORTED

The chart below shows the top 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, Diesel 2, Diesel Fuel 2 Ultra Low Sulfur, and Diesel Oil were combined as Diesel Fuel.

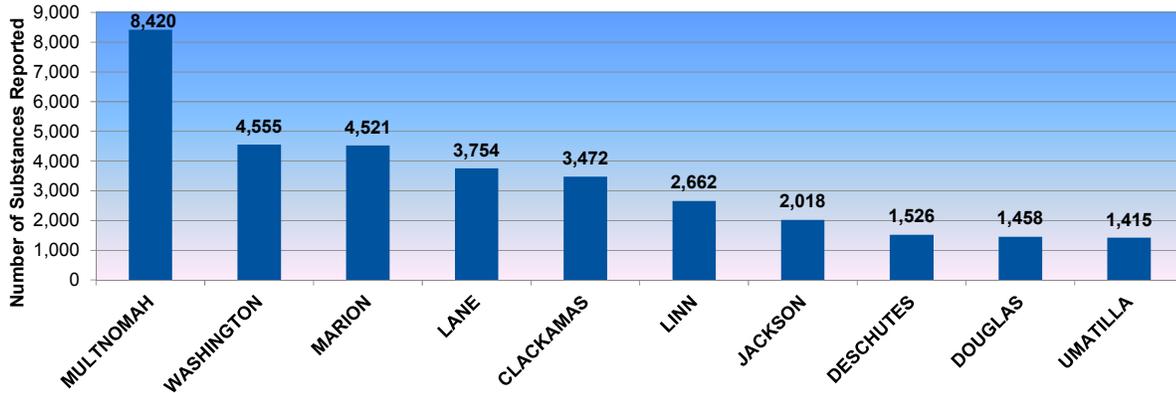


### Top Five Most Frequently Reported Extremely Hazardous Substance (EHS)

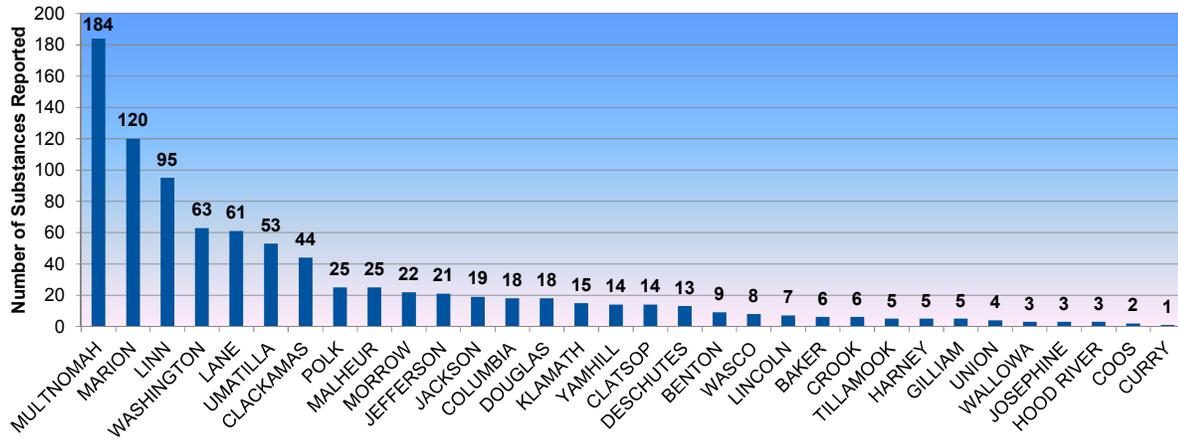


## SUBSTANCES REPORTED

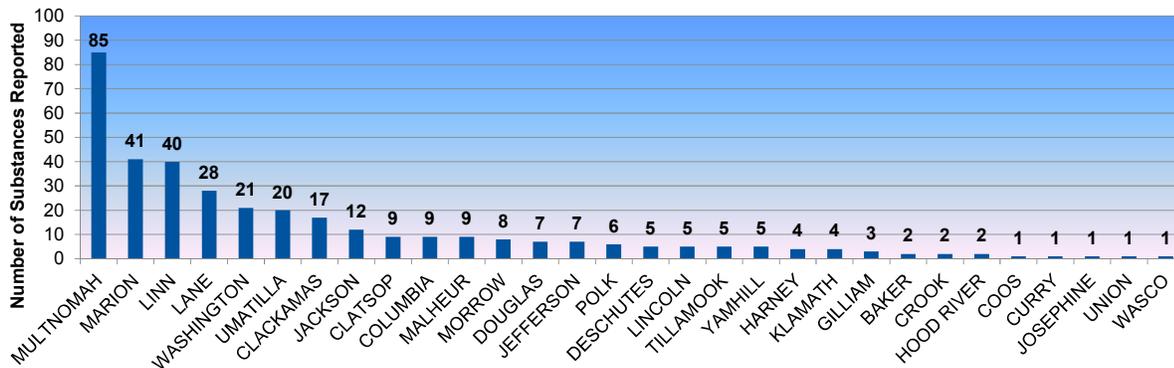
### Top Ten Counties Reporting the Most Substances



### Substances Reported in Quantities Over 250,000 Units - by County



### Substances Reported in Quantities Over One Million Units - by County



## SUBSTANCES REPORTED

### Substances Reported in Quantities Exceeding One Million Units

This chart below 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	Chemical Name	Count
Urea	14	Cooking Oil	2	Asphalt Cement	1
Gasoline	13	Fertilizer 0-0-39-14S	2	Asphalt Coating	1
Diesel Fuel	12	Fertilizer 0-0-60	2	Asphalt Flux	1
Fertilizer 46-0-0	12	Fertilizer 16-20-0	2	Asphalt Laminate Adhesive	1
Lead Acid Batteries	11	Fertilizer 16-20-0-13	2	Asphalt Windseal Adhesive	1
Portland Cement	9	Fertilizer 32-0-0	2	Biodiesel B5	1
Fertilizer Urea	8	Fertilizer Sul Po Mag	2	Blu 20	1
Monoammonium Phosphate Fertilizer	7	Flour	2	Brown Sugar	1
Diesel	6	Ground Limestone	2	Bunker C Fuel Oil	1
Ammonium Sulfate	5	Lead Acid Batteries-Dry	2	Calcium Carbonate	1
Ethanol	5	Limestone	2	Calcium Oxide	1
Fertilizer 11-52-0	5	Monoammonium Phosphate	2	Carbon Dioxide	1
Wood Dust	5	Natural Gas	2	Cement Kiln Dust	1
Asphalt Liquid	4	Nitrogen Cryogenic	2	Chevron Neutral Oil	1
Fertilizer Muriate of Potash	4	Polyvinyl Chloride Resin	2	Christy Minerals Calcined Flint	1
Motor Oil	4	Potassium Chloride	2	Clays	1
Aluminum Ingots	3	Soda Ash	2	Coal	1
Ammonium Sulfate Fertilizer	3	Wheat	2	Concrete Block	1
Black Liquor	3	Wheat Flour	2	Contig Site-Fertilizer Urea	1
Diesel 2	3	White Liquor	2	Contig Site-Rubber Styrene Butadiene	1
Fertilizer 0-0-62	3	Abs Plastic	1	Contig Site-Wood Dust	1
Fertilizer 20-0-0-24	3	Aerosil 90	1	Corn	1
Fertilizer 21-0-0 Ammonium Sulfate	3	Alcohol Denatured Fuel Grade	1	Corn Flour	1
Fertilizer Ammonium Sulfate	3	Aluminum Oxide (Dny)	1	Crude Oil	1
Green Liquor	3	Aluminum Oxide (Mny)	1	Denatured Ethanol	1
Jet A Fuel	3	Aluminum Oxide (P20)	1	Diatomaceous Earth	1
Muriate of Potash	3	Ammonia	1	Diesel Fuel 2	1
Peat Moss	3	Ammonium Hydroxide	1	Diesel Fuel 2 Ultra Low Sulfur	1
Sand	3	Ammonium Phosphate	1	Diesel Oil	1
Ammonia Anhydrous	2	Ammonium Phosphate Nitrate	1	Dolomite Lime	1
Cement	2	Argon Liquid	1		
		Asphalt	1		

Chemical Name	Count
Duration	1
Eg-44 Clay	1
Fertilizer 0-0-50	1
Fertilizer 0-0-60 Mop	1
Fertilizer 0-0-60 Mur/Crs	1
Fertilizer 10-34-0	1
Fertilizer 12-0-0-26S	1
Fertilizer 20-0-0	1
Fertilizer 20-0-0-24S Plus Zinc	1
Fertilizer 21-0-0-24	1
Fertilizer Iron Sulfate	1
Fertilizer K-Mag	1
Fertilizer K-Mag Premium	1
Fertilizer Muriate Of Potash 0-0-62	1
Fertilizer Un-32/Ns-1	1
Fertilizer Uran 32-0-0	1
Fly Ash	1
Fly Ash Class C	1
Formaldehyde Solution 50%	1
Glas Mat	1
Gp Phenolic Plywood Resin	1
Grain Dust	1
Graphite	1
Green Diamond Sand	1
Green Liquor Dregs-Slaker Grits-Lime Mud	1
Helium	1
Hydrogen Chloride	1
Hydrogen Peroxide	1
Iron Sulfate	1
Kingsford Charcoal Briquets	1
Kingsford Matchlight Briquets	1
Kmg-B Penta Block	1
Laticrete Sanded Grout	1
Laticrete Thinset Mortar	1

Chemical Name	Count
Laticrete Unsanded Grout	1
Lead Alloys And Scrap	1
Lead Oxide	1
Lignite	1
Lime Sludge	1
Limestone Pelletized	1
Liquid Phenol Extender (Lpe)-90	1
Liquor Black Weak	1
Liquor Green	1
Liquor White	1
Lubricating Oil	1
Marine Fuel Oil	1
Melamine	1
Methanol	1
Methyl Alcohol	1
Monoethanolamine	1
Muriate Of Potash 0-0-60	1
Newsprint	1
Nickel	1
Nitrogen Liquid	1
Oil Bunker C	1
Oxygen Liquid	1
Paint Thermoplastic White	1
Pebble Quicklime	1
Perlite Ore	1
Phenol	1
Phenol Formaldehyde Resin	1
Ply Veneer	1
Polyethylene	1
Polyethylene Pellets	1
Polystyrene Insulation	1
Potash	1
Potato Starch	1
Pumice	1
Pvc Suspension Resin	1
Quicklime	1

Chemical Name	Count
Recycled Glass	1
Refractory Brick	1
Residual Marine Fuels, Rmb-Rmk	1
Resin Coated Silica Sand	1
Roofing Granules	1
Rubber Styrene Butadiene	1
Scrap Metal - Recycle	1
Silica Sand	1
Silica Sand/Starblast	1
Sodium Sulfite	1
Soybean Meal	1
Sr03	1
Sugar	1
Sulfuric Acid 35-96%	1
Sweet Crude Oil	1
Titanium/Titanium Alloy Sponge And Chips	1
Tmah 25%	1
Transmix	1
Urea 46-0-0 Fertilizer	1
Urea Ammonium Nitrate Solution	1
Urea Fertilizer	1
Used Oil	1
Waste Blast Media	1
Waste Boiler Fly Ash	1
Waste Foul Concentrate	1
Waste Lead Acid Batteries	1
Wastewater Tmt Sludge	1
Wheat Flour-Nfp	1
Wood Pulp	1
Zirconium Base Alloys	1
Zirconium Ingots	1
Zirconium Oxide	1

# Hazardous Substance Incidents

## INCIDENT COUNTS

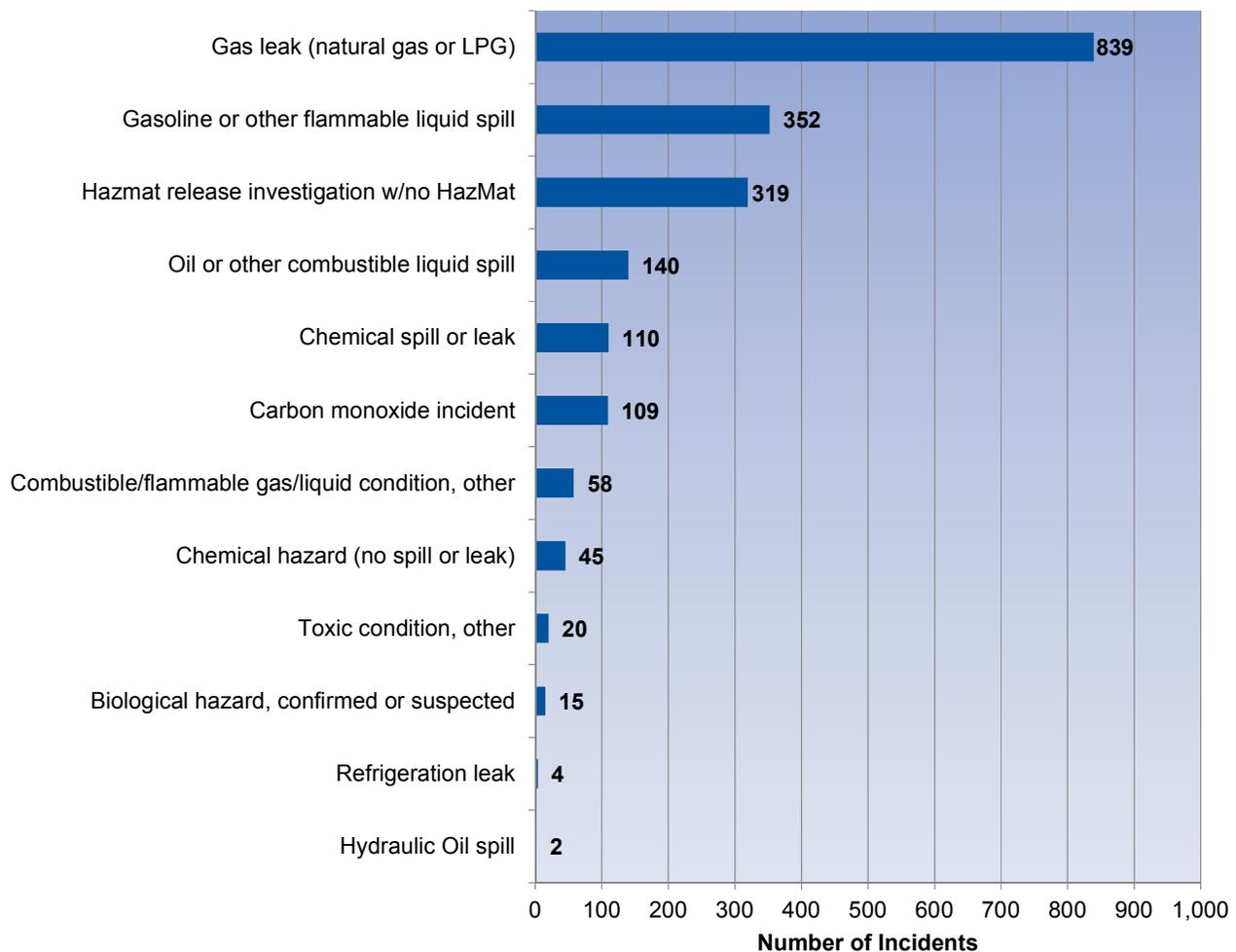
### Oregon Fire Bridge™

Under the Oregon Community Right to Know and Protection Act, those who responded 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 agencies and OSFM Hazmat teams reported 2,013 hazardous substance incidents in 2017. These incidents resulted in 6 civilian injuries, 2 civilian deaths, and 3 fire service injuries.

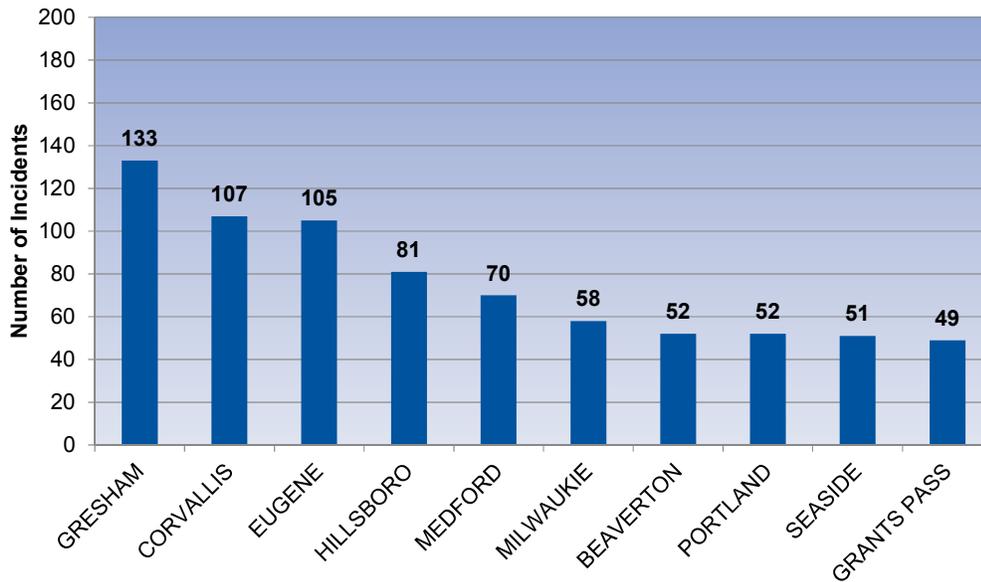
Using information collected in Oregon Fire Bridge™, this section presents several snapshot views of hazardous substance incidents in Oregon. More information can be requested by contacting the CR2K Information Assistant at 503-934-8353, emailing [sfm.cr2k@state.or.us](mailto:sfm.cr2k@state.or.us), or from our website at [http://www.oregon.gov/osp/SFM/Pages/CR2K\\_InformationAvailable.aspx](http://www.oregon.gov/osp/SFM/Pages/CR2K_InformationAvailable.aspx).

**Types of Hazardous Substance Incidents**



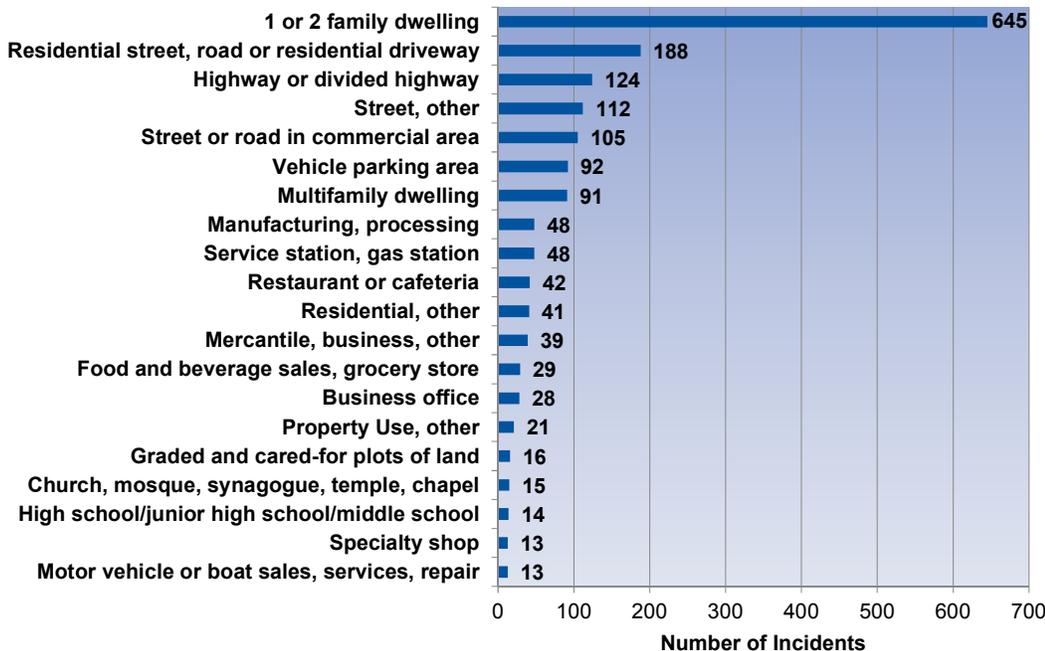
Incident reporters categorize hazmat incidents in one of several broad categories. These categories describe the general types of responses to incidents.

### Cities with the Most Reported Hazardous Substance Incidents



This chart shows the ten cities with the highest number of hazardous substance incidents reported. 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.

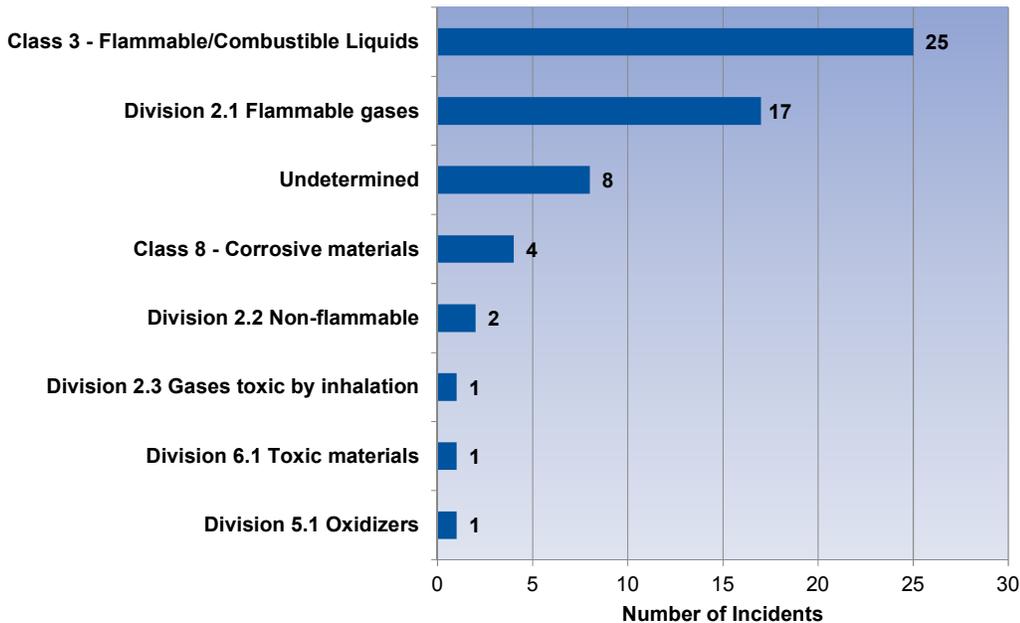
### Types of Property Uses Where Hazardous Substance Incidents Occurred



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.

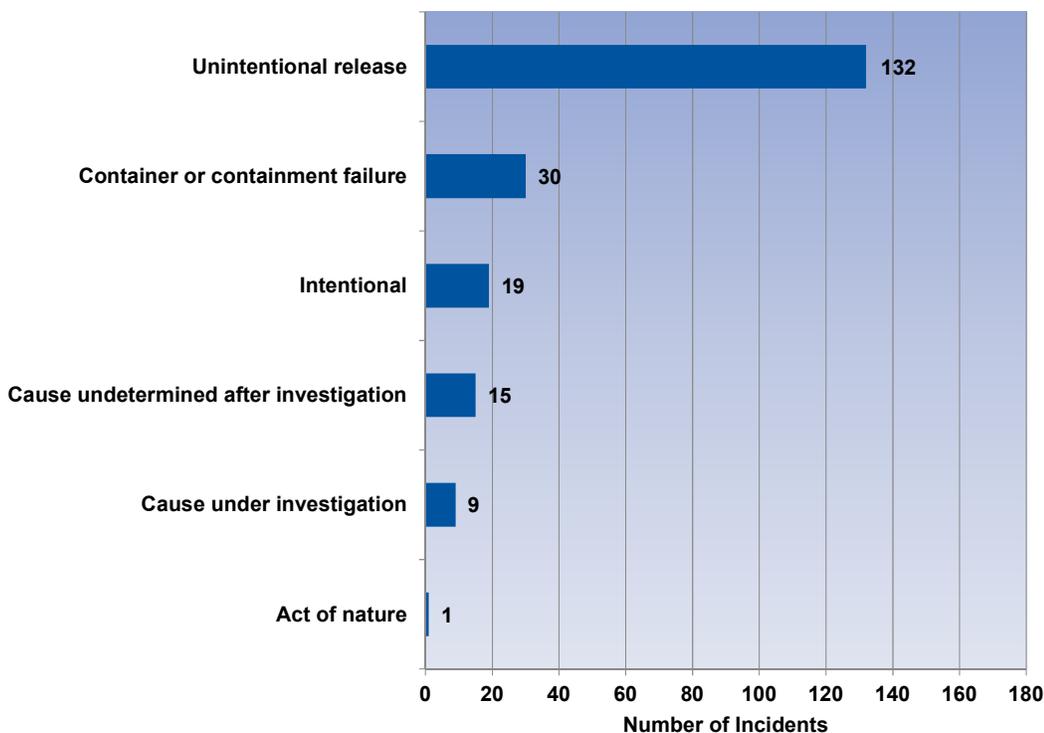
## INCIDENT COUNTS

**Count of Hazardous Substance Incidents by U.S. DOT Hazard Classes**



This chart was derived from reported incidents. The hazard classes of the substances involved were not always clearly stated by the responder reports. Of the 2,013 hazardous substance incidents reported, only 59 are identifiable by the hazard class.

**Causes of Hazardous Substance Incidents**



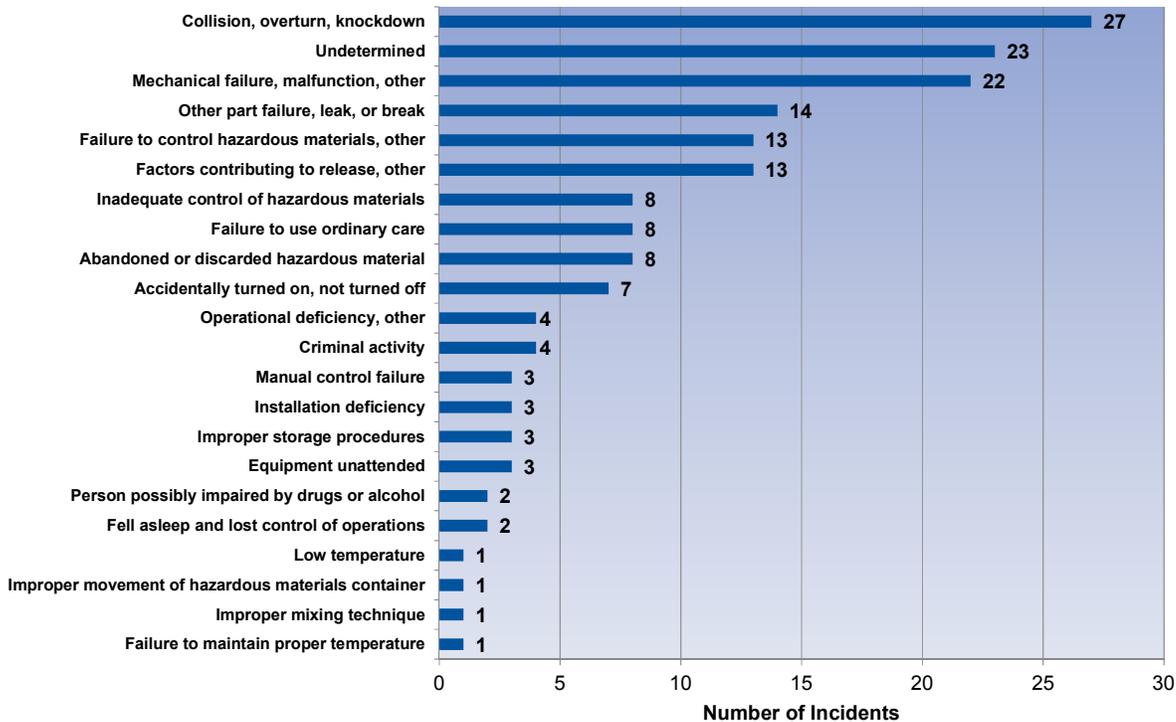
Several options are given for causes of a hazardous substance incident. Not all reports list the cause of an incident. This chart illustrates the reported causes.

## INCIDENT COUNTS

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

This chart shows the reported casualties associated with hazardous substance incidents in 2017. 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.

**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. This chart lists the reported contributing factors.

	Injuries - Exposure	Deaths - Exposure	Injuries - Other	Deaths - Other	Total
Civilian	6	2	0	0	8
Fire service	1	0	2	0	3
<b>Total</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>11</b>

- Incident 1 1 civilian was killed due to oxygen displacement
- Incident 2 1 civilian was killed due to oxygen displacement
- Incident 3 3 civilians were injured due to exposure to a hazardous material
- Incident 4 1 civilian was injured due to exposure to Hydrofluoric Acid
- Incident 5 1 civilian was injured due to exposure to a hazardous material
- Incident 6 1 civilian was injured due to exposure to Chlorine gas
- Incident 7 1 fire service member was injured responding to a hazardous material release
- Incident 8 1 fire service member was injured responding to a hazardous material release
- Incident 9 1 fire service member was injured responding to a hazardous material release

5 buildings and 48 people were evacuated in these incidents

## INCIDENT COUNTS

### Hazmat Teams Responding to Incidents

Oregon's 13 Regional Hazmat Emergency Response Teams responded to 73 incidents in 2017. The following table shows the number of responses for each team. A map of the Regional Hazmat Emergency Response Team boundaries is on the following page.

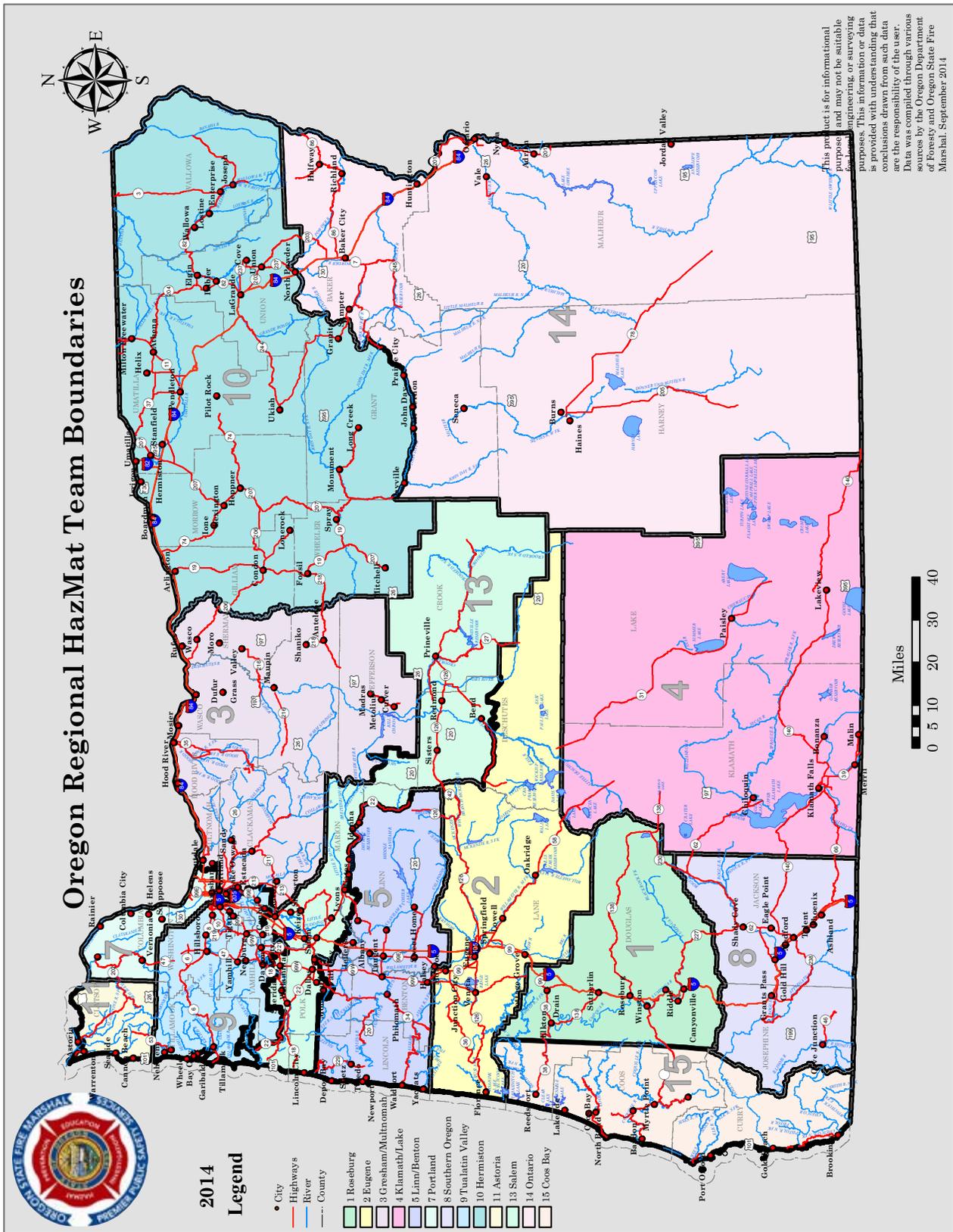
Team		Number of Incidents	Team		Number of Incidents
Team 1	Roseburg	1	Team 9	TVF&R	15
Team 2	Eugene	4	Team 10	Hermiston	11
Team 3	Gresham/Multnomah Co.	13	Team 11	Astoria	4
Team 4	Klamath Falls	1	Team 13	Salem	8
Team 5	Linn/Benton	5	Team 14	Ontario	4
Team 7	Portland	0	Team 15	Coos Bay	2
Team 8	Southern Oregon	5	<b>TOTAL</b>		<b>73</b>

### Substances Involved in Hazmat Team Responses

Of the 73 incidents responded to by a Regional Hazmat Emergency Response Team, a total of 38 different substances were involved.

Substance Name	Substance Name	Substance Name
Acetone	Ethyl alcohol	Naphtha
Anhydrous ammonia	Formic acid	Natural gas
Ammonia	Gasoline	Other
Ammonium chloride	Hydrochloric acid	Paint thinner
Capsine	Hydrofluoric acid	Paint, latex
Carbon monoxide	Hydrogen peroxide (35% solution)	Pentane
Caustic soda	Hydrogen (cryogenic liquid)	Petroleum
Chlorine	Liquefied natural gas	Petroleum distillate
Chlorine dioxide	Liquid oxygen	Phenol (solid)
Cobalt formate	LPG	Propane
Diesel	Mercury	White powder
Diesel fuel	Motor fuel	Xylene
Diphenyl methane diisocyanate	Muriatic acid	

# Oregon Regional HazMat Team Boundaries



2014  
Legend

- City
  - Highways
  - River
  - - - County
- 1 Roseburg
  - 2 Eugene
  - 3 Gresham/Multnomah/Waldport
  - 4 Klamath/Lake
  - 5 Linn/Benton
  - 7 Portland
  - 8 Southern Oregon
  - 9 Tualatin Valley
  - 10 Hermiston
  - 11 Astoria
  - 13 Salem
  - 14 Ontario
  - 15 Coos Bay



This product is for informational purposes and may not be suitable for engineering or surveying purposes. This information or data is provided with understanding that conclusions drawn from such data are the responsibility of the user. Data was compiled through various sources by the Oregon Department of Forestry and Oregon State Fire Marshal, September 2014.

## Oregon Regional Hazmat Team Responses

### Outreach

In 2017, Oregon Regional Hazmat Emergency Response Teams conducted 40 outreach events and training sessions for 1,382 students across the state. Most training was conducted at local fire agencies 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.

#### 2017 Regional HazMat Outreach

Team #		Events	Student Counts
Team 1	Roseburg	6	327
Team 2	Eugene	3	63
Team 3	Gresham/Multnomah Co.	1	14
Team 4	Klamath Falls	0	0
Team 5	Linn/Benton	1	15
Team 7	Portland	7	128
Team 8	Southern Oregon	1	40
Team 9	TVF&R	1	20
Team 10	Hermiston	3	39
Team 11	Astoria	2	33
Team 13	Salem	2	35
Team 14	Ontario	2	39
Team 15	Coos Bay	11	629
<b>TOTAL</b>		<b>40</b>	<b>1,382</b>



# APPENDIX 1

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
<b>BAKER</b>					
BAKER CITY FD	45	1,348	277	1,670	2.7%
BAKER RFPD	12	0	9	21	57.1%
EAGLE VALLEY RFPD	9	0	3	12	75.0%
GREATER BOWEN VALLEY RFPD	5	3	3	11	45.5%
HAINES FPD	9	2	11	22	40.9%
HUNTINGTON FD	13	78	16	107	12.1%
KEATING RFPD	0	0	0	0	0.0%
MEDICAL SPRINGS RFPD	2	3	0	5	40.0%
PINE VALLEY RFPD	6	5	2	13	46.2%
POWDER RIVER RFPD	4	0	2	6	66.7%
SUMPTER FD	1	0	0	1	100.0%
<b>BENTON</b>					
ADAIR RFPD	8	79	19	106	7.5%
ALSEA RFPD	2	0	0	2	100.0%
BLODGETT-SUMMIT RFPD	0	0	0	0	0.0%
CORVALLIS FD	176	4,410	1,910	6,496	2.7%
HOSKINS-KINGS VLY RFPD	0	0	0	0	0.0%
MONROE RFPD	20	244	78	342	5.8%
PHILOMATH FIRE AND RESCUE	38	526	182	746	5.1%
<b>CLACLAMAS</b>					
CANBY RFPD	58	1,958	615	2,631	2.2%
CLACKAMAS CO FIRE DIST #1	603	15,727	7,272	23,602	2.6%
COLTON RFPD #70	14	170	134	318	4.4%
ESTACADA RFD #69	41	904	466	1,411	2.9%
GLADSTONE FD	35	1,127	362	1,524	2.3%
HOODLAND FIRE DIST 74	29	531	367	927	3.1%
LAKE OSWEGO FIRE DEPARTMENT	94	2,431	1,369	3,894	2.4%
MOLALLA FIRE DIST	59	1,973	771	2,803	2.1%
SANDY RFPD #72	46	1,236	769	2,051	2.2%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
<b>CLATSOP</b>					
ASTORIA FD	55	904	505	1,464	3.8%
CANNON BEACH RFPD	3	63	26	92	3.3%
ELSIE-VINEMAPLE RFPD	1	176	68	245	0.4%
GEARHART VOL FD	19	326	75	420	4.5%
HAMLET VOL FD	0	0	1	1	0.0%
JOHN DAY-FERNHILL RFP	0	21	4	25	0.0%
KNAPPA-SVENSEN-BURNSIDE RFPD	31	302	52	385	8.1%
LEWIS & CLARK RFPD	6	1	89	96	6.3%
OLNEY WALLUSKI F&R	0	13	6	19	0.0%
SEASIDE F&R	59	1,102	292	1,453	4.1%
WARRENTON FD	17	0	2	19	89.5%
WESTPORT-WAUNA RFPD	1	0	0	1	100.0%
<b>COLUMBIA</b>					
CLATSKANIE RFPD	36	747	226	1,009	3.6%
COLUMBIA RIVER F&R	183	3,576	1,189	4,948	3.7%
MIST BIRKENFELD RFPD	7	45	55	107	6.5%
SCAPPOOSE RFPD	58	1,395	548	2,001	2.9%
VERNONIA RFPD	13	453	157	623	2.1%
<b>COOS</b>					
BANDON RFPD #8	12	62	98	172	7.0%
BRIDGE RFPD	0	0	0	0	0.0%
CHARLESTON RFPD	5	100	13	118	4.2%
COOS BAY FIRE DEPARTMENT	63	2,658	960	3,681	1.7%
COQUILLE FD	2	0	0	2	100.0%
DORA-SITKUM RFPD	0	0	0	0	0.0%
FAIRVIEW RFPD	3	0	0	3	100.0%
GREENACRES RFPD	7	85	6	98	7.1%
HAUSER RFPD	9	0	4	13	69.2%
LAKESIDE RFPD	8	100	21	129	6.2%
MILLINGTON FIRE DIST #5	5	17	1	23	21.7%
MYRTLE POINT FIRE & AMBULANCE	11	1	2	14	78.6%
NORTH BAY RFPD	0	0	0	0	0.0%
NORTH BEND FD	33	575	1,435	2,043	1.6%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
POWERS FD	0	0	0	0	0.0%
SUMNER RFPD	8	0	2	10	80.0%
<b>CROOK</b>					
CROOK CO F&R	117	2,791	415	3,323	3.5%
<b>CURRY</b>					
AGNESS-ILLAHE RFPD	1	0	0	1	100.0%
BROOKINGS F&R	20	198	147	365	5.5%
CAPE FERRELO RFPD	1	20	4	25	4.0%
CEDAR VALLEY-N BANK RFPD	1	2	1	4	25.0%
GOLD BEACH FD	25	101	60	186	13.4%
HARBOR RFPD	19	190	49	258	7.4%
LANGLOIS RFPD #4-107	0	0	0	0	0.0%
OPHIR RFPD	10	25	8	43	23.3%
PISTOL RIVER FIRE DIST	0	0	0	0	0.0%
PORT ORFORD RFPD	16	41	17	74	21.6%
SIXES RFPD	1	12	3	16	6.3%
WINCHUCK RFPD	3	7	1	11	27.3%
<b>DESCHUTES</b>					
ALFALFA FIRE DISTRICT	7	37	13	57	12.3%
BEND FIRE DEPARTMENT	375	8,457	2,029	10,861	3.5%
BLACK BUTTE RANCH RFPD	7	104	77	188	3.7%
CLOVERDALE RFPD	16	171	95	282	5.7%
LA PINE RFPD	59	1,786	464	2,309	2.6%
OREGON OUTBACK RFPD	0	50	0	50	0.0%
REDMOND F&R	151	4,559	1,177	5,887	2.6%
SISTERS-CAMP SHERMAN RFPD	33	800	303	1,136	2.9%
SUNRIVER FIRE DEPARTMENT	21	320	203	544	3.9%
<b>DOUGLAS</b>					
AZALEA VOLS	0	0	0	0	0.0%
CAMAS VALLEY VOL RFD	0	0	0	0	0.0%
CANYONVILLE SOUTH UMPQUA FD	0	0	0	0	0.0%
DAYS CREEK RFD	0	0	0	0	0.0%
DOUGLAS CO FIRE DIST #2	33	762	336	1,131	2.9%
ELKTON RFPD	9	2	30	41	22.0%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
FAIR OAKS RFPD	0	0	0	0	0.0%
GARDINER RFPD	0	0	0	0	0.0%
GLENDALE RFPD	17	94	20	131	13.0%
GLIDE RFPD	13	428	113	554	2.3%
KELLOGG RFD	3	30	16	49	6.1%
LOOKINGGLASS RFD	9	74	26	109	8.3%
MILO RFPD	0	0	0	0	0.0%
MYRTLE CREEK FD	20	146	191	357	5.6%
NORTH DOUGLAS CO FIRE & EMS	31	139	268	438	7.1%
OAKLAND RFPD	11	33	74	118	9.3%
REEDSPORT VOL FD	14	51	50	115	12.2%
RIDDLE RFPD	19	111	71	201	9.5%
ROSEBURG FD	135	4,515	1,697	6,347	2.1%
SCOTTSBURG RFD	0	0	0	0	0.0%
SUTHERLIN FD	31	66	180	277	11.2%
TENMILE RFPD	0	1	0	1	0.0%
TILLER RFD	0	0	0	0	0.0%
TRI CITY FIRE DIST #4 (DOUG)	9	116	129	254	3.5%
WINCHESTER BAY RFPD	0	0	0	0	0.0%
WINSTON-DILLARD FIRE DIST	34	1,041	474	1,549	2.2%
<b>GILLIAM</b>					
NORTH GILLIAM CO RFPD	18	6	42	66	27.3%
SOUTH GILLIAM CO RFPD	10	1	10	21	47.6%
<b>GRANT</b>					
CANYON CITY FD	1	0	1	2	50.0%
DAYVILLE FD	0	0	0	0	0.0%
GRANITE CITY FD	0	0	0	0	0.0%
JOHN DAY FD	2	0	3	5	40.0%
JOHN DAY RFPD	0	0	0	0	0.0%
LONG CREEK FD	0	0	0	0	0.0%
MONUMENT FD	0	0	0	0	0.0%
MT VERNON FD	0	0	0	0	0.0%
PRAIRIE CITY FD	14	0	4	18	77.8%
SENECA VOL FD	1	0	0	1	100.0%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
<b>HARNEY</b>					
BURNS FD	22	23	62	107	20.6%
HINES FD	10	3	28	41	24.4%
<b>HOOD RIVER</b>					
CASCADE LOCKS FIRE & EMS	3	34	17	54	5.6%
HOOD RIVER FD	30	1,242	298	1,570	1.9%
PARKDALE RFPD	12	171	40	223	5.4%
WEST SIDE RFPD	8	98	30	136	5.9%
WY-EAST RFPD	23	162	95	280	8.2%
<b>JACKSON</b>					
APPLEGATE VALLEY RFPD #9	37	348	260	645	5.7%
ASHLAND F&R	53	2,928	1,160	4,141	1.3%
BUTTE FALLS VOL FD	0	0	0	0	0.0%
COLESTIN RFPD	0	8	1	9	0.0%
EVANS VALLEY FIRE DIST #6	14	294	119	427	3.3%
GREENSPRINGS RFPD	0	0	0	0	0.0%
JACKSON CO FD #3	158	4,231	2,330	6,719	2.4%
JACKSON CO RFPD #4	22	771	334	1,127	2.0%
JACKSON COUNTY FIRE DISTRICT 5	78	1,476	980	2,534	3.1%
JACKSONVILLE FD	14	382	95	491	2.9%
LAKE CREEK RFPD #8	1	3	6	10	10.0%
MEDFORD FIRE-RESCUE	179	4,129	1,880	6,188	2.9%
PROSPECT RFPD	0	0	0	0	0.0%
ROGUE RIVER RFPD	47	1,277	486	1,810	2.6%
ROGUE VALLEY INTL AIRPORT FD	3	46	80	129	2.3%
<b>JEFFERSON</b>					
CROOKED RIVER RANCH RFPD	0	2	0	2	0.0%
JEFFERSON CO RFPD #1	92	294	337	723	12.7%
LAKE CHINOOK FIRE & RESCUE	9	2	3	14	64.3%
WARM SPRINGS FIRE SFTY	52	121	67	240	21.7%
<b>JOSEPHINE</b>					
COUNTY FIRE	55	0	17	72	76.4%
GRANTS PASS DEPT PUBLIC SAFETY	113	1,472	2,002	3,587	3.2%
ILLINOIS VALLEY FIRE DIST	78	989	527	1,594	4.9%
RURAL METRO FD	158	1,101	838	2,097	7.5%

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### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
WILLIAMS RFPD	0	0	0	0	0.0%
WOLF CREEK RFPD	0	0	0	0	0.0%
<b>KLAMATH</b>					
BLY RFPD	27	43	4	74	36.5%
BONANZA RFPD	0	0	0	0	0.0%
CENTRAL CASCADES FIRE & EMS	0	19	38	57	0.0%
CHEMULT RFPD	11	37	5	53	20.8%
CHILOQUIN FIRE & RESCUE	34	543	135	712	4.8%
CRESCENT RFPD	14	310	58	382	3.7%
KENO RFPD	28	259	37	324	8.6%
KLAMATH CO FD #3	5	31	7	43	11.6%
KLAMATH CO FD #4	13	7	17	37	35.1%
KLAMATH CO FD #5	38	87	0	125	30.4%
KLAMATH CO FIRE DIST #1	139	5,769	1,485	7,393	1.9%
MALIN RFPD	13	3	1	17	76.5%
MERRILL RFPD	12	19	1	32	37.5%
ROCKY POINT FIRE & EMS	0	0	0	0	0.0%
<b>LAKE</b>					
CHRISTMAS VALLEY RFPD	20	2	82	104	19.2%
LAKEVIEW FD	26	3	37	66	39.4%
NEW PINE CREEK RFPD	1	0	2	3	33.3%
PAISLEY VOL FD	0	0	0	0	0.0%
SILVER LAKE RFPD	0	0	0	0	0.0%
THOMAS CREEK WESTSIDE RFPD	1	0	0	1	100.0%
<b>LANE</b>					
COBURG RFPD	1	0	0	1	100.0%
DEXTER RFPD	18	204	73	295	6.1%
EUGENE SPRINGFIELD FIRE	638	24,700	9,079	34,417	1.9%
GOSHEN FIRE DIST	23	419	113	555	4.1%
JUNCTION CITY RFPD	22	1	79	102	21.6%
LAKE CREEK RFPD	1	0	0	1	100.0%
LANE FIRE AUTHORITY	113	4,012	956	5,081	2.2%
LORANE RFPD	5	52	19	76	6.6%
LOWELL RFPD	3	219	45	267	1.1%
MAPLETON FD	1	0	0	1	100.0%
MCKENZIE F&R	18	504	147	669	2.7%
MOHAWK VALLEY RFPD	19	232	112	363	5.2%

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### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
OAKRIDGE FD	17	20	26	63	27.0%
PLEASANT HILL RFPD	12	280	67	359	3.3%
SANTA CLARA RFPD	19	487	141	647	2.9%
SIUSLAW VALLEY F&R	37	214	230	481	7.7%
SOUTH LANE COUNTY F&R	109	3,365	337	3,811	2.9%
SWISSHOME-DEADWOOD RFPD	0	0	0	0	0.0%
UPPER MCKENZIE RFPD	10	210	43	263	3.8%
<b>LINCOLN</b>					
CENTRAL OREGON COAST F&R	2	134	32	168	1.2%
DEPOE BAY RFPD	16	490	283	789	2.0%
NEWPORT FD	31	1,274	830	2,135	1.5%
NORTH LINCOLN F&R DIST #1	17	701	158	876	1.9%
SEAL ROCK RFPD	13	247	85	345	3.8%
SILETZ RFPD	1	53	11	65	1.5%
TOLEDO FD	5	96	51	152	3.3%
YACHATS RFPD	10	410	204	624	1.6%
<b>LINN</b>					
ALBANY FD	121	1,711	740	2,572	4.7%
BROWNSVILLE RFD	16	119	34	169	9.5%
HALSEY-SHEDD RFPD	1	2	1	4	25.0%
HARRISBURG FIRE & RESCUE	11	254	110	375	2.9%
LEBANON FIRE DIST	122	4,467	1,470	6,059	2.0%
LYONS RFPD	14	203	35	252	5.6%
SCIO RFPD	0	0	0	0	0.0%
SWEET HOME FIRE & AMB DIST	1	0	7	8	12.5%
TANGENT RFPD	22	158	153	333	6.6%
<b>MALHEUR</b>					
ADRIAN RFPD	0	0	0	0	0.0%
NYSSA FD	19	24	43	86	22.1%
ONTARIO F&R	79	3	204	286	27.6%
ONTARIO RFPD #7-302	41	6	28	75	54.7%
PAYETTE RFD-OREGON	5	2	11	18	27.8%
VALE FD	25	34	36	95	26.3%
WEISER RFPD ANNEX-OREGON	4	7	5	16	25.0%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
<b>MARION</b>					
AUMSVILLE RFPD	30	587	313	930	3.2%
AURORA RFPD	26	547	220	793	3.3%
DRAKES CROSSING RFPD	0	9	7	16	0.0%
GATES RFPD	2	99	52	153	1.3%
HUBBARD RFPD	3	224	128	355	0.8%
IDANHA-DETROIT RFPD	5	146	42	193	2.6%
JEFFERSON RFPD	39	729	319	1,087	3.6%
KEIZER FIRE DIST	78	4,256	849	5,183	1.5%
MARION COUNTY FIRE DISTRICT	102	5,081	1,670	6,853	1.5%
MILL CITY RFPD	9	213	57	279	3.2%
MONITOR RFPD #58	10	112	94	216	4.6%
MOUNT ANGEL FIRE DIST	17	186	165	368	4.6%
SALEM FD	571	0	17	588	97.1%
SILVERTON RFPD	39	546	401	986	4.0%
ST PAUL FIRE DIST	5	0	0	5	100.0%
STAYTON FIRE DISTRICT	69	449	423	941	7.3%
SUBLIMITY FIRE DISTRICT	0	0	0	0	0.0%
TURNER FIRE DIST	18	594	222	834	2.2%
WOODBURN FIRE DIST	95	1,239	1,088	2,422	3.9%
<b>MORROW</b>					
BOARDMAN RFPD	55	2	135	192	28.6%
HEPPNER FD	22	26	77	125	17.6%
IONE FD	0	0	0	0	0.0%
IRRIGON RFPD	18	5	14	37	48.6%
LEXINGTON FD	0	0	0	0	0.0%
<b>MULTNOMAH</b>					
GRESHAM FIRE & EMERG SRVCS	429	11,359	4,598	16,386	2.6%
MULTNOMAH CO RFPD #14	5	0	0	5	100.0%
PORTLAND BUREAU OF F&R&EMS	3,243	0	0	3,243	100.0%
SAUVIE ISLAND VOL FD	3	0	2	5	60.0%
<b>POLK</b>					
DALLAS FD	49	386	330	765	6.4%
FALLS CITY FD	12	100	16	128	9.4%
POLK CO FIRE DIST NO 1	49	1,708	531	2,288	2.1%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
SPRING VALLEY RFPD	0	0	0	0	0.0%
SW POLK CO RFPD	36	170	189	395	9.1%
<b>SHERMAN</b>					
MORO FD CITY OF	0	0	0	0	0.0%
MORO RFPD	8	2	3	13	61.5%
NORTH SHERMAN CO RFPD	13	57	19	89	14.6%
SOUTH SHERMAN RFPD	4	95	20	119	3.4%
<b>TILLAMOOK</b>					
BAY CITY FD	5	116	32	153	3.3%
GARIBALDI FD	9	84	61	154	5.8%
NEHALEM BAY FIRE & RESCUE DISTRICT	27	322	480	829	3.3%
NESTUCCA RFP	22	478	226	726	3.0%
NETARTS-OCEANSIDE RFPD	0	21	7	28	0.0%
ROCKAWAY FD	3	12	28	43	7.0%
TILLAMOOK FIRE DIST	37	699	387	1,123	3.3%
<b>UMATILLA</b>					
ATHENA FD	0	0	0	0	0.0%
EAST UMATILLA CO RFPD	19	62	33	114	16.7%
ECHO RFPD	21	0	33	54	38.9%
HELIX RFPD	1	4	5	10	10.0%
MEACHAM VOL. FD	0	0		0	
MILTON-FREEWATER FD	13	0	9	22	59.1%
MILTON-FREEWATER RURAL FD	22	18	44	84	26.2%
PENDLETON FIRE & AMBULANCE SERVICE	41	1,353	229	1,623	2.5%
PILOT ROCK RFPD	18	3	12	33	54.5%
UKIAH FD	0	0	0	0	0.0%
UMATILLA CO FIRE DISTRICT #1	0	1	3	4	0.0%
UMATILLA RFPD	0	1	0	1	0.0%
UMATILLA TRIBAL FD	6	3	1	10	60.0%
<b>UNION</b>					
COVE RFPD	5	0	6	11	45.5%
ELGIN RFPD	28	32	18	78	35.9%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
IMBLER RFPD	0	0	0	0	0.0%
LA GRANDE FD	40	2,437	734	3,211	1.2%
LA GRANDE RFPD	44	245	124	413	10.7%
NORTH POWDER FD	0	0	0	0	0.0%
POWDER RFPD	14	1	1	16	87.5%
UNION EMERGENCY SERVICES	1	0	0	1	100.0%
UNION RFPD	5	0	2	7	71.4%
<b>WALLOWA</b>					
ENTERPRISE FD	8	21	21	50	16.0%
JOSEPH FD	4	13	31	48	8.3%
LOSTINE FD	5	3	2	10	50.0%
WALLOWA FD	5	76	1	82	6.1%
<b>WASCO</b>					
ANTELOPE FD	0	1	0	1	0.0%
DUFUR VOL FD	8	0	1	9	88.9%
JUNIPER FLAT RFPD	12	25	23	60	20.0%
MAUPIN FD	1	0	1	2	50.0%
MID-COLUMBIA F&R	80	2,304	536	2,920	2.7%
MOSIER FD	10	46	17	73	13.7%
SHANIKO VOL FD	0	0	0	0	0.0%
TYGH VALLEY VOL FD	2	1	0	3	66.7%
WAMIC RFPD	9	58	6	73	12.3%
<b>WASHINGTON</b>					
BANKS FIRE DIST #13	50	383	178	611	8.2%
CORNELIUS FD	52	934	323	1,309	4.0%
FOREST GROVE F&R	80	2,195	805	3,080	2.6%
GASTON RFPD	21	255	141	417	5.0%
HILLSBORO FD	241	6,238	3,581	10,060	2.4%
TUALATIN VALLEY F&R	181	10,617	4,925	15,723	1.2%
<b>WHEELER</b>					
FOSSIL VOL FD	1	15	4	20	5.0%
MITCHELL VOL FD	0	0	0	0	0.0%
SPRAY VOL FD	2	2	2	6	33.3%
WHEELER CO F&R	0	0	0	0	0.0%

## APPENDIX 1

### 2017 Reported Fires and Other Incidents

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
<b>YAMHILL</b>					
AMITY FIRE DIST	16	252	65	333	4.8%
DAYTON FIRE DISTRICT	33	351	134	518	6.4%
DUNDEE FD	16	278	178	472	3.4%
LAFAYETTE FD	3	195	103	301	1.0%
MCMINNVILLE FD	110	6,645	1,227	7,982	1.4%
NEW CARLTON FIRE DISTRICT	2	24	12	38	5.3%
SHERIDAN FD	38	1,076	214	1,328	2.9%
WEST VALLEY FIRE DIST	18	1,493	225	1,736	1.0%
YAMHILL FPD	21	222	116	359	5.8%

The data in Appendix 1 was obtained from the Oregon Fire Bridge/Elite™ and is based on incident reports submitted to the Office of State Fire Marshal no later than March 31, 2017 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/Non-EMS** - reported responses to incidents not involving an actual fire or sick and/or injured persons.

**Total Calls** - total responses for each agency including aid given.



# APPENDIX 2

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwell-ings	Cash Value of District	ISOCClass	Date Last Graded
<b>BAKER</b>						
BAKER CITY FD	10,000	8	3,600		3	2016
BAKER RFPD	4,500	95			5/8b	
EAGLE VALLEY RFPD	350	40	350		6/8B	2003
GREATER BOWEN VALLEY RFPD	400					
HAINES FPD	1,200	128	600		4/4/10	2017
HUNTINGTON FD	400	1	180		6	2011
KEATING RFPD	175					
MEDICAL SPRINGS RFPD	2,000					
PINE VALLEY RFPD						
POWDER RIVER RFPD						
SUMPTER FD	205					
<b>BENTON</b>						
ADAIR RFPD	2,100	18	1,000		3/3Y	2016
ALSEA RFPD	1,200					
BLODGETT-SUMMIT RFPD	500					
CORVALLIS FD	68,960	45			2	2017
HOSKINS-KINGS VLY RFPD						
MONROE RFPD	3,500					
PHILOMATH FIRE AND RESCUE	9,500	58			6	2012
<b>CLACLAMAS</b>						
CANBY RFPD	34,000	52			2	2017
CLACKAMAS CO FIRE DIST #1	202,000	235	79,062	\$212,424,245,400	2/10	2017
COLTON RFPD #70	5,200	46			5/8/10	2010
ESTACADA RFD #69	12,000	88	6,000	\$1,124,594,349	3	2017
GLADSTONE FD	11,660	3	4,779	\$1,590,365,718	4	2012
HOODLAND FIRE DIST 74	5,932	45	897	\$974,482,809	6/10	2010
LAKE OSWEGO FIRE DEPARTMENT	43,373	14	19,969		3	2010
MOLALLA FIRE DIST						
SANDY RFPD #72	20,000	77			3/10	2017

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
<b>CLATSOP</b>						
ASTORIA FD	9,900	10	4,980	\$1,650,000,000	4	2012
CANNON BEACH RFPD	2,500	6	6,500	\$1,606,524,159	4	2008
ELSIE-VINEMAPLE RFPD	1,800	30	430		8B	2013
GEARHART VOL FD	3,500	29	2,050	\$1,090,000,000	3	2015
HAMLET VOL FD						
JOHN DAY-FERNHILL RFP	600					
KNAPPA-SVENSEN-BURNSIDE RFPD	4,500					
LEWIS & CLARK RFPD	3,000					
OLNEY WALLUSKI F&R	3,500	48	500	\$60,000,000	4/8B	2016
SEASIDE F&R	8,000	16	4,000	\$1,500,000,000	3	2013
WARRENTON FD	7,000					
WESTPORT-WAUNA RFPD	380					
<b>COLUMBIA</b>						
CLATSKANIE RFPD	10,000	136	3,200	\$11,205,795,332	10/8/5	2015
COLUMBIA RIVER F&R	30,000	181	22,000		4	2017
MIST BIRKENFELD RFPD	1,388	135			8B	
SCAPPOOSE RFPD	13,500	52	4,219		3	2017
VERNONIA RFPD	3,500					
<b>COOS</b>						
BANDON RFPD #8	6,000	180		\$650,000,000	4/8	
BRIDGE RFPD	1,000					
CHARLESTON RFPD	8,000	8	800	\$2,000,000	4/8b	2002
COOS BAY FIRE DEPARTMENT	16,160	10	850	\$1,361,377,143	3	2008
COQUILLE FD	10,000	80	4,500	\$130,000,000	4	2005
DORA-SITKUM RFPD	250					
FAIRVIEW RFPD	638					
GREENACRES RFPD	1,800	12	600	\$54,804,488	6b	2016
HAUSER RFPD						
LAKESIDE RFPD	1,705					
MILLINGTON FIRE DIST #5						
MYRTLE POINT FIRE & AMBULANCE	6,500					
NORTH BAY RFPD	8,000	30		\$200,000,000	4	2005

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
NORTH BEND FD	9,755					
POWERS FD	800					
SUMNER RFPD	2,700	17	345	\$55,000,000	8	2015
<b>CROOK</b>						
CROOK CO F&R	20,000	450	5,000	\$1,900,000,000	4/8B	2012
<b>CURRY</b>						
AGNESS-ILLAHE RFPD	100					
BROOKINGS F&R	6,700					
CAPE FERRELO RFPD	1,800	24	700	\$197,482,358	4	2015
CEDAR VALLEY-N BANK RFPD						
GOLD BEACH FD	2,275					
HARBOR RFPD	4,850	5	2,800	\$532,000,000	3	2015
LANGLOIS RFPD #4-107	400	25	150	\$50,975,262	6/7	2012
OPHIR RFPD	900	63	380	\$20,000,000	6	2016
PISTOL RIVER FIRE DIST	84					
PORT ORFORD RFPD	1,140					
SIXES RFPD	124					
WINCHUCK RFPD	300	15	160	\$225,000,000	8	1993
<b>DESCHUTES</b>						
ALFALFA FIRE DISTRICT	1,300	64	585	\$71,000,000	8B	2018
BEND FIRE DEPARTMENT	130,000				3/5/10	
BLACK BUTTE RANCH RFPD	5,000	3	1,256	\$667,600,015	4	2010
CLOVERDALE RFPD	3,500	50	1,300	\$410,000,000	6	2012
LA PINE RFPD	22,000	117	8,600	\$2,412,417,508	4	2012
OREGON OUTBACK RFPD						
REDMOND F&R	45,000	280		\$3,209,356,332	3	2018
SISTERS-CAMP SHERMAN RFPD	6,500	55	3,000	\$870,000,000	3	2017
SUNRIVER FIRE DEPARTMENT	2,500	5	4,175	\$1,705,348,921	3	2012
<b>DOUGLAS</b>						
AZALEA VOLS	761					
CAMAS VALLEY VOL RFD						

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
CANYONVILLE SOUTH UMPQUA FD	5,000	15	400		4/8b	2015
DAYS CREEK RFD	1,000					
DOUGLAS CO FIRE DIST #2	37,000	95		\$2,071,551,011	3/5/10w	2014
ELKTON RFPD	2,400	912	600	\$1,250,000	3	2017
FAIR OAKS RFPD	278					
GARDINER RFPD	248					
GLENDALE RFPD	1,500					
GLIDE RFPD	1,795					
KELLOGG RFD	950	106	395	\$107,166,667	9	2006
LOOKINGGLASS RFD	3,200	90	1,200	\$14,000,000	6/6y	2011
MILO RFPD						
MYRTLE CREEK FD	3,500					
NORTH DOUGLAS CO FIRE & EMS	6,500	53	1,000	\$435,256,964	4/5/10	2016
OAKLAND RFPD	1,800					
REEDSPORT VOL FD	4,280					
RIDDLE RFPD	3,200					
ROSEBURG FD	22,820	11	6,091	\$2,879,174,915	2	2016
SCOTTSBURG RFD	290					
SUTHERLIN FD	7,810					
TENMILE RFPD	595					
TILLER RFD	235					
TRI CITY FIRE DIST #4 (DOUG)	3,635					
WINCHESTER BAY RFPD	400					
WINSTON-DILLARD FIRE DIST	6,000					
<b>GILLIAM</b>						
NORTH GILLIAM CO RFPD						
SOUTH GILLIAM CO RFPD						
<b>GRANT</b>						
CANYON CITY FD	660	2	300		6	2000
DAYVILLE FD	150					
GRANITE CITY FD	40					

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
JOHN DAY FD	1,735					
JOHN DAY RFPD	1,300					
LONG CREEK FD	195					
MONUMENT FD	150					
MT VERNON FD	525					
PRAIRIE CITY FD	910					
SENECA VOL FD	175					
<b>HARNEY</b>						
BURNS FD	2,728	4	2,728		03/3Y	2015
HINES FD	1,565	2	692	\$5,000,000	4	2016
<b>HOOD RIVER</b>						
CASCADE LOCKS FIRE & EMS	1,500	75	880	\$89,292,621	5	2012
HOOD RIVER FD	8,000	3			3	2016
PARKDALE RFPD	5,200					
WEST SIDE RFPD	7,250	25	2,200		3	2014
WY-EAST RFPD	5,800	30	1,700	\$646,085,301	3/10	2015
<b>JACKSON</b>						
APPLEGATE VALLEY RFPD #9	10,000	181			6	2013
ASHLAND F&R	22,180	7	10,602	\$2,535,055,868	3	2016
BUTTE FALLS VOL FD	430					
COLESTIN RFPD	200	17	60	\$20,100,000	9	2009
EVANS VALLEY FIRE DIST #6	4,100	26	1,000		5	2016
GREENSPRINGS RFPD	500					
JACKSON CO FD #3	54,000	6100		\$4,144,808,950	3/4/10	
JACKSON CO RFPD #4	6,600					
JACKSON COUNTY FIRE DISTRICT 5	25,000	115			3/4/10	2016
JACKSONVILLE FD	2,880					
LAKE CREEK RFPD #8	1,100					
MEDFORD FIRE-RESCUE	82,566	56	33,200	\$8,187,874,273	2/10	2017
PROSPECT RFPD	468					
ROGUE RIVER RFPD	9,690	77	3,815	\$837,744,194	3/4/10	2015

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
ROGUE VALLEY INTL AIRPORT FD						
<b>JEFFERSON</b>						
CROOKED RIVER RANCH RFPD	5,000	23	2,400		4/10W	2016
JEFFERSON CO RFPD #1	23,000	200	9,801		3	2017
LAKE CHINOOK FIRE & RESCUE	250					
WARM SPRINGS FIRE SFTY	3,800					
<b>JOSEPHINE</b>						
COUNTY FIRE						
GRANTS PASS DEPT PUBLIC SAFETY	37,088	11	15,500	\$2,901,485,719	2	2015
ILLINOIS VALLEY FIRE DIST	17,000	144	4,000	\$637,726,972	4	2016
RURAL METRO FD	32,000					
WILLIAMS RFPD	2,200	37	600	\$182,726,031	7	2006
WOLF CREEK RFPD	9,000					
<b>KLAMATH</b>						
BLY RFPD	750					
BONANZA RFPD	10,000	150	250	\$1,000,000	9	2014
CENTRAL CASCADES FIRE & EMS	100	30	550	\$65,052,405	8b/10	2011
CHEMULT RFPD	1,500					
CHILOQUIN FIRE & RESCUE	4,500	105	2,500	\$251,750,000	4/4y	2015
CRESCENT RFPD	1,250	13	1,000	\$101,000,000	5/9	2011
KENO RFPD	3,500					
KLAMATH CO FD #3						
KLAMATH CO FD #4	3,404					
KLAMATH CO FD #5						
KLAMATH CO FIRE DIST #1	52,000					
MALIN RFPD	1,500	87	500	\$195,000,000	6/9	2007
MERRILL RFPD	1,197					
ROCKY POINT FIRE & EMS						

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
<b>LAKE</b>						
CHRISTMAS VALLEY RFPD	1,313					
LAKEVIEW FD	3,300					
NEW PINE CREEK RFPD	131	33	60	\$7,490,509	8B	2003
PAISLEY VOL FD	245	1	100		6/6x	2015
SILVER LAKE RFPD	50					
THOMAS CREEK WESTSIDE RFPD	2,500	110	970	\$129,928,885		
<b>LANE</b>						
COBURG RFPD	2,600	32	950	\$389,361,000	4/6/8	2012
DEXTER RFPD	2,333	23			6	2017
EUGENE SPRINGFIELD FIRE	247,834	94	108,212	\$33,319,721,710	2	2017
GOSHEN FIRE DIST	2,800	17	1,500	\$50,211,765	4	2017
JUNCTION CITY RFPD	12,000	67				
LAKE CREEK RFPD	676					
LANE FIRE AUTHORITY	38,000	276	14,200	\$4,441,070,000	3/4	2015
LORANE RFPD	324					
LOWELL RFPD	2,200					
MAPLETON FD	918					
MCKENZIE F&R	12,000	39	2,000		5	2012
MOHAWK VALLEY RFPD	4,500	26			4/5	2016
OAKRIDGE FD	3,240					
PLEASANT HILL RFPD	3,500	27	1,500	\$359,624,581	4	2018
SANTA CLARA RFPD	8,000					
SIUSLAW VALLEY F&R	17,500					
SOUTH LANE COUNTY F&R	25,000					
SWISSHOME-DEADWOOD RFPD						
UPPER MCKENZIE RFPD	1,800					
<b>LINCOLN</b>						
CENTRAL OREGON COAST F&R						
DEPOE BAY RFPD	3,718	10	3,690	\$1,232,935,800	4	2016
NEWPORT FD	10,165					

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
NORTH LINCOLN F&R DIST #1	14,000	85	4,200	\$2,161,236,000	3/4	2016
SEAL ROCK RFPD	1,281					
SILETZ RFPD	4,000	42	1,350	\$30,000,000	3/8b	2014
TOLEDO FD	5,400	55	2,319	\$2,234,532	4/8	2015
YACHATS RFPD	3,500					
<b>LINN</b>						
ALBANY FD	5,800	81			3/8b	2011
BROWNSVILLE RFD	2,800	68	1,295	\$508,340,815	4/8b	2000
HALSEY-SHEDD RFPD	2,500	110	1,200	\$3,000,000,000	4/6	2011
HARRISBURG FIRE & RESCUE	5,100					
LEBANON FIRE DIST	29,000	134	13,800	\$2,049,506,495	3/10	2017
LYONS RFPD	1,160					
SCIO RFPD	5,000					
SWEET HOME FIRE & AMB DIST	9,090	152	5,900	\$1,395,477,298	3/5/10w	2016
TANGENT RFPD	3,400	45	1,500	\$319,078,722	6/8	2011
<b>MALHEUR</b>						
ADRIAN RFPD	180					
NYSSA FD	3,000	68	1,750	\$291,354,040	5/10	2018
ONTARIO F&R	12,000					
ONTARIO RFPD #7-302	6,000					
PAYETTE RFD-OREGON						
VALE FD	5,000					
WEISER RFPD ANNEX-OREGON	235					
<b>MARION</b>						
AUMSVILLE RFPD	7,210	32	2,527	\$793,128,715	4/10	2016
AURORA RFPD	6,000	64	2,000		5/5	2018
DRAKES CROSSING RFPD	800	25	520		8b/10	2011
GATES RFPD	1,000					
HUBBARD RFPD	5,400	7	450	\$300,000,000	4	2017
IDANHA-DETROIT RFPD	1,000					
JEFFERSON RFPD	9,000	100	9,815	\$39,260,000		2017
KEIZER FIRE DIST	38,000					

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
MARION COUNTY FIRE DISTRICT	55,355	88	14,534	\$3,099,136,387	4	2017
MILL CITY RFPD	2,500					
MONITOR RFPD #58						
MOUNT ANGEL FIRE DIST	6,900	37	1,725	\$354,876,431	3/4	2016
SALEM FD	172,363	79			2/2y	2003
SILVERTON RFPD	21,500	106	6,039	\$2,472,868,693	5/10	2011
ST PAUL FIRE DIST	2,000	35	200		7/8	2005
STAYTON FIRE DISTRICT	15,000	107	5,000	\$1,674,501,762	5/10	2011
SUBLIMITY FIRE DISTRICT	5,000	44	1,300	\$314,254,500	5/8y	2009
TURNER FIRE DIST	10,000	50		\$1,045,867,494	3	2017
WOODBURN FIRE DIST	39,000	75	9,500	\$3,759,019,481	3/10	2016
<b>MORROW</b>						
BOARDMAN RFPD	8,000	330	950	\$3,581,385,060	5	2008
HEPPNER FD	1,295					
IONE FD	330					
IRRIGON RFPD	1,930					
LEXINGTON FD	255					
<b>MULTNOMAH</b>						
GRESHAM FIRE & EMERG SRVCS	148,000	60	35,600	\$22,000,000,000	3	2000
MULTNOMAH CO RFPD #14	3,926	40	1,518		5/5y	2014
PORTLAND BUREAU OF F&R&EMS	640,000	150	300,000	\$120,785,526,154	2	2015
SAUVIE ISLAND VOL FD	1,600	35	750		5/9	2014
<b>POLK</b>						
DALLAS FD	15,500	4	5,050	\$992,232,472	4	2017
FALLS CITY FD	1,000	1.2	395		4	2014
POLK CO FIRE DIST NO 1	26,000					
SPRING VALLEY RFPD	1,100					
SW POLK CO RFPD	6,100					
<b>SHERMAN</b>						
MORO FD CITY OF	200	214	109		5	2004
MORO RFPD	350	214	255		9	2004

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### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
NORTH SHERMAN CO RFPD	1,430	230	481	\$15,379,100	5/9	2008
SOUTH SHERMAN RFPD	425					
<b>TILLAMOOK</b>						
BAY CITY FD	1,230	3	250	\$160,000,000	3	2014
GARIBALDI FD	2,000					
NEHALEM BAY FIRE & RESCUE DISTRICT	3,044					
NESTUCCA RFP	5,000	125			5	2017
NETARTS-OCEANSIDE RFPD	1,200					
ROCKAWAY FD	1,335					
TILLAMOOK FIRE DIST	11,500	125			5	2013
<b>UMATILLA</b>						
ATHENA FD	1,140					
EAST UMATILLA CO RFPD	2,000	242	1,000	\$241,295,663	6	2013
ECHO RFPD	2,500	496				
HELIX RFPD	1,000	188	400	\$1,202,956,630	8	2013
MEACHAM VOL. FD						
MILTON-FREEWATER FD	7,050	1.86	2,700	\$357,370,747	3	2016
MILTON-FREEWATER RURAL FD	6,800	325			8	2016
PENDLETON FIRE & AMBULANCE SERVICE	18,500	15			4	2007
PILOT ROCK RFPD	1,505					
UKIAH FD	245					
UMATILLA CO FIRE DISTRICT #1	40,000					
UMATILLA RFPD	7,500	31	960	\$313,700,000	5	2005
UMATILLA TRIBAL FD						
<b>UNION</b>						
COVE RFPD	2,650	39	740	\$196,865,860	5/8/9	2009
ELGIN RFPD	1,730					
IMBLER RFPD	1,300					
LA GRANDE FD	13,229	4.61	5,794	\$1,225,951,300	4	2006
LA GRANDE RFPD	6,000	135	1,500	\$393,761,652	5/8b	2009

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
NORTH POWDER FD	445					
POWDER RFPD						
UNION EMERGENCY SERVICES	2,150					
UNION RFPD	1,000	100	500	\$36,831,829	9	
<b>WALLOWA</b>						
ENTERPRISE FD	3,200					
JOSEPH FD	1,095					
LOSTINE FD	300					
WALLOWA FD	810					
<b>WASCO</b>						
ANTELOPE FD	50	2	37	\$2,000,000	10	2006
DUFUR VOL FD	605	630			5	2015
JUNIPER FLAT RFPD	204					
MAUPIN FD	426	2	295		4/4y	2014
MID-COLUMBIA F&R	18,000	110	8,000	\$1,493,426,106	3/10	2018
MOSIER FD	1,400					
SHANIKO VOL FD	35					
TYGH VALLEY VOL FD	206					
WAMIC RFPD	1,500					
<b>WASHINGTON</b>						
BANKS FIRE DIST #13	6,054	136	2,600	\$531,000,000	5/8/10	
CORNELIUS FD	17,000	42	4,600	\$851,604,734	4/10	2006
FOREST GROVE F&R	31,555	85		\$2,018,810,568	4	2006
GASTON RFPD	6,500	65	750		10	
HILLSBORO FD	101,540	24	38,495	\$12,249,449,158	2	2004
TUALATIN VALLEY F&R	519,853	390	188		2/10	2017
<b>WHEELER</b>						
FOSSIL VOL FD	470	1	291	\$28,652,665	6	2010
MITCHELL VOL FD	25					
SPRAY VOL FD	300	36				
WHEELER CO F&R	641	1,700	669	\$34,276,332	10	2011

## APPENDIX 2

### 2017 Reported Population and Valuation Resources

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISOClass	Date Last Graded
<b>YAMHILL</b>						
AMITY FIRE DIST	3,500					
DAYTON FIRE DISTRICT	2,590					
DUNDEE FD	4,800					
LAFAYETTE FD	4,000					
MCMINNVILLE FD	33,080					
NEW CARLTON FIRE DISTRICT	4,000					
SHERIDAN FD	10,000					
WEST VALLEY FIRE DIST	5,000					
YAMHILL FPD	3,500	72	1,500	\$690,740,590	4/10	1996

The information in Appendix 2 was compiled from Fire Service Profiles 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 and District Size not provided by local fire agencies through Fire Service Profiles or SDAO was obtained from the U.S. Census Bureau, agency websites, the Oregon Secretary of State's Office, or the previous year's information 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.

# APPENDIX 3

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
<b>BAKER</b>				
BAKER CITY FD	MUNICIPAL	COMBINATION	YES	4
BAKER RFPD	DISTRICT			2
EAGLE VALLEY RFPD	DISTRICT	VOLUNTEER	NO	2
GREATER BOWEN VALLEY RFPD	DISTRICT			
HAINES FPD	DISTRICT	VOLUNTEER	NO	9
HUNTINGTON FD	MUNICIPAL	VOLUNTEER		2
KEATING RFPD				
MEDICAL SPRINGS RFPD				
PINE VALLEY RFPD				
POWDER RIVER RFPD				
SUMPTER FD				
<b>BENTON</b>				
ADAIR RFPD	DISTRICT	VOLUNTEER	NO	4
ALSEA RFPD	DISTRICT	VOLUNTEER	NO	1
BLODGETT-SUMMIT RFPD				
CORVALLIS FD	MUNICIPAL	COMBINATION	YES	4
HOSKINS-KINGS VLY RFPD				
MONROE RFPD				
PHILOMATH FIRE AND RESCUE	DISTRICT	COMBINATION	YES	3
<b>CLACLAMAS</b>				
CANBY RFPD	DISTRICT	COMBINATION	YES	3
CLACKAMAS CO FIRE DIST #1	DISTRICT	COMBINATION	YES	8
COLTON RFPD #70	DISTRICT	COMBINATION	NO	7
ESTACADA RFD #69	DISTRICT	COMBINATION	YES	3
GLADSTONE FD				1
HOODLAND FIRE DIST 74	DISTRICT	COMBINATION	YES	7
LAKE OSWEGO FIRE DEPARTMENT	MUNICIPAL	CAREER	YES	
MOLALLA FIRE DIST				
SANDY RFPD #72	DISTRICT	COMBINATION	YES	4
<b>CLATSOP</b>				
ASTORIA FD	MUNICIPAL	COMBINATION	YES	2
CANNON BEACH RFPD	DISTRICT	COMBINATION	NO	2

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
22	17	11	YES			YES
12	1	7			YES	YES
5		7				
13	0	22				
4		6			YES	
15		24		YES	YES	
6	0	15			YES	
79	60	29	YES		YES	YES
33	7	36		YES	YES	
30	25		YES	YES	YES	
231	269	67	YES		YES	
28	3				YES	
26	14	44		YES	YES	
29	3	28				
43	11	35		YES	YES	YES
	52	0			YES	
58	15	51		YES	YES	YES
22	12	13			YES	YES
18	1.5	18		YES	YES	YES

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
ELSIE-VINEMAPLE RFPD	DISTRICT	VOLUNTEER	NO	4
GEARHART VOL FD	MUNICIPAL	COMBINATION	NO	5
HAMLET VOL FD				
JOHN DAY-FERNHILL RFP	DISTRICT	VOLUNTEER	NO	
KNAPPA-SVENSEN-BURNSIDE RFPD	DISTRICT	COMBINATION	NO	
LEWIS & CLARK RFPD	DISTRICT	COMBINATION	NO	
OLNEY WALLUSKI F&R				2
SEASIDE F&R	MUNICIPAL	COMBINATION	NO	2
WARRENTON FD	MUNICIPAL	COMBINATION		
WESTPORT-WAUNA RFPD	DISTRICT	VOLUNTEER	NO	
<b>COLUMBIA</b>				
CLATSKANIE RFPD	DISTRICT	COMBINATION	YES	3
COLUMBIA RIVER F&R	DISTRICT	COMBINATION	YES	6
MIST BIRKENFELD RFPD	DISTRICT	COMBINATION	NO	2
SCAPPOOSE RFPD	DISTRICT	COMBINATION	YES	4
VERNONIA RFPD				
<b>COOS</b>				
BANDON RFPD #8				0
BRIDGE RFPD				
CHARLESTON RFPD	DISTRICT	COMBINATION	NO	10
COOS BAY FIRE DEPARTMENT				4
COQUILLE FD	MUNICIPAL	COMBINATION	NO	6
DORA-SITKUM RFPD			NO	4
FAIRVIEW RFPD	DISTRICT	VOLUNTEER	NO	2
GREENACRES RFPD	DISTRICT	VOLUNTEER	NO	3
HAUSER RFPD				
LAKESIDE RFPD				
MILLINGTON FIRE DIST #5		COMBINATION		5
MYRTLE POINT FIRE & AMBULANCE				
NORTH BAY RFPD	DISTRICT	COMBINATION	YES	3
NORTH BEND FD				
POWERS FD				
SUMNER RFPD	DISTRICT	VOLUNTEER	NO	9

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
12	0	18				
26	2	29			YES	YES
						YES
5	0	8			YES	
33	4	31			YES	YES
22	14	7	YES	YES	YES	YES
72	54	50	YES	YES	YES	
17	3.75	51			YES	
32	18	26	YES			
22	2	20				
20	3	30			YES	YES
34	16	22				
30	4	36	YES		YES	YES
7						
10						
7	0	10			YES	
						YES
11					YES	YES
17	1	20			YES	
20	0	29			YES	

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
<b>CROOK</b>				
CROOK CO F&R	DISTRICT	COMBINATION	YES	1
<b>CURRY</b>				
AGNESS-ILLAHE RFPD				
BROOKINGS F&R				
CAPE FERRELO RFPD	DISTRICT	VOLUNTEER	NO	2
CEDAR VALLEY-N BANK RFPD				
GOLD BEACH FD				
HARBOR RFPD	DISTRICT	VOLUNTEER	NO	8
LANGLOIS RFPD #4-107	DISTRICT	VOLUNTEER	NO	2
OPHIR RFPD	DISTRICT	VOLUNTEER	NO	2
PISTOL RIVER FIRE DIST				
PORT ORFORD RFPD				
SIXES RFPD				
WINCHUCK RFPD	DISTRICT	VOLUNTEER	NO	0
<b>DESCHUTES</b>				
ALFALFA FIRE DISTRICT	DISTRICT	VOLUNTEER	NO	2
BEND FIRE DEPARTMENT	MUNICIPAL	CAREER	YES	1
BLACK BUTTE RANCH RFPD	DISTRICT	COMBINATION	YES	1
CLOVERDALE RFPD	DISTRICT	COMBINATION	NO	4
LA PINE RFPD	DISTRICT	COMBINATION	YES	1
OREGON OUTBACK RFPD				
REDMOND F&R	DISTRICT	COMBINATION	YES	1
SISTERS-CAMP SHERMAN RFPD	DISTRICT	COMBINATION	NO	6
SUNRIVER FIRE DEPARTMENT	DISTRICT	COMBINATION	YES	0
<b>DOUGLAS</b>				
AZALEA VOLS				
CAMAS VALLEY VOL RFD				
CANYONVILLE SOUTH UMPQUA FD	DISTRICT	VOLUNTEER	NO	6
DAYS CREEK RFD				
DOUGLAS CO FIRE DIST #2	DISTRICT	COMBINATION	YES	0
ELKTON RFPD	MUNICIPAL	VOLUNTEER	NO	3
FAIR OAKS RFPD				
GARDINER RFPD				
GLENDALE RFPD				

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
49	34	16	YES		YES	
10		22				
13	0	21				
10	0	12				
10	0	12				
10	0	10	YES		YES	
10	1	11				
82	113		YES		YES	
14	9	7	YES		YES	
14	2	16			YES	
35	27	24	YES			
35	69	6	YES		YES	YES
26	13	63	YES	YES	YES	
21	12	13	YES		YES	YES
22	0	28			YES	
36	42	15	YES		YES	YES
15	0	19				

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
GLIDE RFPD				
KELLOGG RFD	DISTRICT	VOLUNTEER	NO	0
LOOKINGGLASS RFD	DISTRICT	VOLUNTEER	NO	3
MILO RFPD				
MYRTLE CREEK FD				
NORTH DOUGLAS CO FIRE & EMS	DISTRICT	COMBINATION	NO	4
OAKLAND RFPD				
REEDSPORT VOL FD				
RIDDLE RFPD				
ROSEBURG FD	MUNCIPLE	CAREER	YES	0
SCOTTSBURG RFD				
SUTHERLIN FD				
TENMILE RFPD				
TILLER RFD				
TRI CITY FIRE DIST #4 (DOUG)				
WINCHESTER BAY RFPD				
WINSTON-DILLARD FIRE DIST				
<b>GILLIAM</b>				
NORTH GILLIAM CO RFPD				
SOUTH GILLIAM CO RFPD				
<b>GRANT</b>				
CANYON CITY FD	MUNCIPLE	VOLUNTEER	NO	0
DAYVILLE FD				
GRANITE CITY FD				
JOHN DAY FD				
JOHN DAY RFPD				
LONG CREEK FD				
MONUMENT FD	MUNCIPLE	VOLUNTEER		
MT VERNON FD				
PRAIRIE CITY FD				
SENECA VOL FD				
<b>HARNEY</b>				
BURNS FD	MUNICIPAL	COMBINATION	NO	4
HINES FD	MUNICIPAL	VOLUNTEER	NO	2

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
10	0	13			YES	
20	0	23			YES	
28	9	33	YES			
39	42	0			YES	
10	0	12				
		7				
24	1	28				YES
9	0	10				YES

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
<b>HOOD RIVER</b>				
CASCADE LOCKS FIRE & EMS	MUNICIPAL	COMBINATION	NO	2
HOOD RIVER FD	MUNICIPAL	COMBINATION	YES	2
PARKDALE RFPD				
WEST SIDE RFPD	DISTRICT	COMBINATION	NO	8
WY-EAST RFPD	DISTRICT	COMBINATION	NO	12
<b>JACKSON</b>				
APPLEGATE VALLEY RFPD #9	DISTRICT	COMBINATION	YES	3
ASHLAND F&R	MUNICIPAL	CAREER	YES	2
BUTTE FALLS VOL FD				
COLESTIN RFPD	MUNICIPAL	VOLUNTEER	NO	4
EVANS VALLEY FIRE DIST #6	DISTRICT	COMBINATION	NO	
GREENSPRINGS RFPD				
JACKSON CO FD #3	DISTRICT	COMBINATION	YES	1
JACKSON CO RFPD #4				
JACKSON COUNTY FIRE DISTRICT 5	DISTRICT	COMBINATION	YES	1
JACKSONVILLE FD				
LAKE CREEK RFPD #8				
MEDFORD FIRE-RESCUE	MUNICIPAL	CAREER	YES	1
PROSPECT RFPD				
ROGUE RIVER RFPD	DISTRICT	COMBINATION	YES	3
ROGUE VALLEY INTL AIRPORT FD				
<b>JEFFERSON</b>				
CROOKED RIVER RANCH RFPD	DISTRICT	COMBINATION	YES	7
JEFFERSON CO RFPD #1	DISTRICT	COMBINATION	NO	3
LAKE CHINOOK FIRE & RESCUE				
WARM SPRINGS FIRE SFTY				
<b>JOSEPHINE</b>				
COUNTY FIRE				
GRANTS PASS DEPT PUBLIC SAFETY	MUNICIPAL	CAREER	YES	0
ILLINOIS VALLEY FIRE DIST	DISTRICT	COMBINATION	NO	2
RURAL METRO FD				
WILLIAMS RFPD	DISTRICT	COMBINATION	NO	1
WOLF CREEK RFPD				

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
6	3	12	YES		YES	YES
20	16	22	YES		YES	
50	2	50		YES		
39	2	49		YES	YES	
34	7	31		YES	YES	YES
28	38	0	YES		YES	
10	0	15			YES	
					YES	
46	62	20				
50	26	51			YES	
73	86	0			YES	
25	14	32	YES		YES	YES
19	6	22	YES	YES	YES	
43	7	50				
28	30	9			YES	YES
20	7	40		YES	YES	
5	1	5			YES	

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
<b>KLAMATH</b>				
BLY RFPD				
BONANZA RFPD	DISTRICT	COMBINATION	NO	
CENTRAL CASCADES FIRE & EMS	DISTRICT	VOLUNTEER	NO	
CHEMULT RFPD				
CHILOQUIN FIRE & RESCUE	DISTRICT	COMBINATION	NO	
CRESCENT RFPD	DISTRICT	COMBINATION	YES	
KENO RFPD				
KLAMATH CO FD #3				
KLAMATH CO FD #4				
KLAMATH CO FD #5				
KLAMATH CO FIRE DIST #1				
MALIN RFPD	DISTRICT	VOLUNTEER	NO	
MERRILL RFPD				
ROCKY POINT FIRE & EMS				
<b>LAKE</b>				
CHRISTMAS VALLEY RFPD				
LAKEVIEW FD				
NEW PINE CREEK RFPD	DISTRICT	VOLUNTEER	NO	2
PAISLEY VOL FD	MUNICIPAL	VOLUNTEER	NO	0
SILVER LAKE RFPD				
THOMAS CREEK WESTSIDE RFPD	DISTRICT	VOLUNTEER	NO	2
<b>LANE</b>				
COBURG RFPD	DISTRICT	COMBINATION	NO	3
DEXTER RFPD	DISTRICT	COMBINATION	NO	2
EUGENE SPRINGFIELD FIRE	MUNICIPAL	CAREER	YES	12
GOSHEN FIRE DIST	DISTRICT	COMBINATION	NO	5
JUNCTION CITY RFPD	DISTRICT	COMBINATION	NO	4
LAKE CREEK RFPD				
LANE FIRE AUTHORITY	DISTRICT	COMBINATION	YES	24
LORANE RFPD				
LOWELL RFPD				
MAPLETON FD				
MCKENZIE F&R	DISTRICT	COMBINATION	NO	10
MOHAWK VALLEY RFPD	DISTRICT	COMBINATION	NO	3



## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
OAKRIDGE FD				
PLEASANT HILL RFPD	DISTRICT	COMBINATION	NO	4
SANTA CLARA RFPD				
SIUSLAW VALLEY F&R				
SOUTH LANE COUNTY F&R				
SWISSHOME-DEADWOOD RFPD				
UPPER MCKENZIE RFPD				
<b>LINCOLN</b>				
CENTRAL OREGON COAST F&R				
DEPOE BAY RFPD	DISTRICT	COMBINATION	YES	1
NEWPORT FD				
NORTH LINCOLN F&R DIST #1	DISTRICT	COMBINATION	NO	5
SEAL ROCK RFPD				
SILETZ RFPD	DISTRICT	COMBINATION	NO	7
TOLEDO FD	MUNICIPAL	COMBINATION	YES	12
YACHATS RFPD				
<b>LINN</b>				
ALBANY FD	MUNICIPAL	CAREER	YES	3
BROWNSVILLE RFD	DISTRICT	COMBINATION	NO	3
HALSEY-SHEDD RFPD	DISTRICT	COMBINATION	NO	2
HARRISBURG FIRE & RESCUE				
LEBANON FIRE DIST	DISTRICT	COMBINATION	YES	9
LYONS RFPD				
SCIO RFPD				
SWEET HOME FIRE & AMB DIST	DISTRICT	COMBINATION	YES	3
TANGENT RFPD	DISTRICT	COMBINATION	NO	4
<b>MALHEUR</b>				
ADRIAN RFPD				
NYSSA FD	MUNICIPAL	VOLUNTEER	NO	3
ONTARIO F&R				
ONTARIO RFPD #7-302				
PAYETTE RFD-OREGON				
VALE FD				
WEISER RFPD ANNEX-OREGON				

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
12	1	17			YES	YES
18	12.5	10				
38	22	42		YES	YES	YES
17	2	23		YES	YES	
23	4	37			YES	
66	88		YES		YES	
17	1	19				
31	3	31		YES	YES	
65	39	57	YES	YES	YES	YES
51	23	46	YES	YES	YES	YES
33	3.5	34			YES	YES
17	2	20				YES

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
<b>MARION</b>				
AUMSVILLE RFPD	DISTRICT	COMBINATION	NO	3
AURORA RFPD	DISTRICT	COMBINATION	NO	3
DRAKES CROSSING RFPD	DISTRICT	VOLUNTEER	NO	2
GATES RFPD				
HUBBARD RFPD	DISTRICT	COMBINATION	NO	1
IDANHA-DETROIT RFPD				
JEFFERSON RFPD	DISTRICT	COMBINATION	NO	7
KEIZER FIRE DIST				
MARION COUNTY FIRE DISTRICT	DISTRICT	COMBINATION	YES	3
MILL CITY RFPD				
MONITOR RFPD #58				
MOUNT ANGEL FIRE DIST	DISTRICT	VOLUNTEER		3
SALEM FD	MUNCIPLE	CAREER	YES	3
SILVERTON RFPD	DISTRICT	COMBINATION	YES	10
ST PAUL FIRE DIST	DISTRICT	COMBINATION	NO	1
STAYTON FIRE DISTRICT	DISTRICT	COMBINATION	NO	7
SUBLIMITY FIRE DISTRICT	DISTRICT	COMBINATION	NO	5
TURNER FIRE DIST	DISTRICT	COMBINATION	NO	11
WOODBURN FIRE DIST	DISTRICT	COMBINATION	YES	4
<b>MORROW</b>				
BOARDMAN RFPD	DISTRICT	COMBINATION	NO	6
HEPPNER FD				
IONE FD				
IRRIGON RFPD				
LEXINGTON FD				
<b>MULTNOMAH</b>				
GRESHAM FIRE & EMERG SRVCS	MUNCIPLE	CAREER	YES	5
MULTNOMAH CO RFPD #14	DISTRICT	VOLUNTEER	NO	
PORTLAND BUREAU OF F&R&EMS	MUNCIPLE	CAREER	YES	46
SAUVIE ISLAND VOL FD	DISTRICT	COMBINATION	NO	7
<b>POLK</b>				
DALLAS FD	MUNCIPLE	COMBINATION	YES	6
FALLS CITY FD	MUNCIPLE	VOLUNTEER	NO	8

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
16	7	19			YES	YES
11	4	22			YES	YES
16	0	22			YES	
22	1	23			YES	
22	6	57	YES		YES	YES
93	46	67	YES	YES	YES	
27	3.5	32				
147	166	0			YES	
58	7	65		YES	YES	YES
30	15	31	YES		YES	
36	6	45		YES	YES	YES
26	2	34			YES	YES
23	7	55	YES	YES	YES	YES
43	15	32			YES	YES
25	10	32			YES	
91	106				YES	
	2	36		YES	YES	
618	733	0			YES	
19	4	35		YES	YES	YES
30	31	45	YES	YES	YES	
11	0	28		YES		

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
POLK CO FIRE DIST NO 1				
SPRING VALLEY RFPD				
SW POLK CO RFPD				
<b>SHERMAN</b>				
MORO FD CITY OF	MUNICIPAL	VOLUNTEER	NO	0
MORO RFPD	DISTRICT	VOLUNTEER	NO	0
NORTH SHERMAN CO RFPD	DISTRICT	VOLUNTEER	NO	1
SOUTH SHERMAN RFPD				
<b>TILLAMOOK</b>				
BAY CITY FD	MUNICIPAL	VOLUNTEER	NO	2
GARIBALDI FD				
NEHALEM BAY FIRE & RESCUE DISTRICT				
NESTUCCA RFP	DISTRICT	COMBINATION	NO	
NETARTS-OCEANSIDE RFPD				
ROCKAWAY FD				
TILLAMOOK FIRE DIST	DISTRICT	COMBINATION	NO	2
<b>UMATILLA</b>				
ATHENA FD				
EAST UMATILLA CO RFPD	DISTRICT	VOLUNTEER	NO	5
ECHO RFPD	DISTRICT	VOLUNTEER	NO	2
HELIX RFPD	DISTRICT	VOLUNTEER	NO	1
MEACHAM VOL. FD	SUBSCRIPTION - NON PROFIT	VOLUNTEER	NO	2
MILTON-FREEWATER FD	MUNICIPAL	COMBINATION	NO	1
MILTON-FREEWATER RURAL FD	PRIVATE - FOR PROFIT	COMBINATION	NO	3
PENDLETON FIRE & AMBULANCE SERVICE	MUNICIPAL	CAREER	YES	4
PILOT ROCK RFPD				
UKIAH FD				
UMATILLA CO FIRE DISTRICT #1	DISTRICT	COMBINATION	YES	3
UMATILLA RFPD	DISTRICT	COMBINATION	NO	3
UMATILLA TRIBAL FD				

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
8	0	8				
8	0	8				YES
11	0	11				
14	0	16			YES	YES
	6	26				
39	4	37			YES	YES
18	0	23		YES		
18	0	20				
8	0	9		YES		
6		19				
21	2	21				
19	7	19	YES		YES	
37	41		YES		YES	
66	35	34	YES		YES	YES
9	2	15			YES	

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### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
<b>UNION</b>				
COVE RFPD	DISTRICT	VOLUNTEER	NO	1
ELGIN RFPD				
IMBLER RFPD				
LA GRANDE FD	MUNICIPAL	COMBINATION	YES	2
LA GRANDE RFPD	DISTRICT	VOLUNTEER	NO	0
NORTH POWDER FD				
POWDER RFPD				
UNION EMERGENCY SERVICES				
UNION RFPD	DISTRICT	VOLUNTEER	NO	0
<b>WALLOWA</b>				
ENTERPRISE FD				
JOSEPH FD				
LOSTINE FD				
WALLOWA FD				
<b>WASCO</b>				
ANTELOPE FD	MUNICIPAL	VOLUNTEER	NO	2
DUFUR VOL FD	MUNICIPAL	VOLUNTEER	NO	0
JUNIPER FLAT RFPD				
MAUPIN FD	MUNICIPAL	VOLUNTEER	NO	1
MID-COLUMBIA F&R	DISTRICT	COMBINATION	YES	1
MOSIER FD				
SHANIKO VOL FD				
TYGH VALLEY VOL FD				
WAMIC RFPD				
<b>WASHINGTON</b>				
BANKS FIRE DIST #13	DISTRICT	COMBINATION	NO	19
CORNELIUS FD	MUNICIPAL	COMBINATION	YES	4
FOREST GROVE F&R		COMBINATION	YES	
GASTON RFPD	DISTRICT	COMBINATION	NO	1
HILLSBORO FD	MUNICIPAL	CAREER	YES	2
TUALATIN VALLEY F&R	DISTRICT	COMBINATION	YES	23
<b>WHEELER</b>				
FOSSIL VOL FD	MUNICIPAL	VOLUNTEER	NO	3

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
9		15				
20	30		YES		YES	YES
25	3	24			YES	YES
9	3	8				YES
10	0	16			YES	
8	0	20	YES		YES	
17	1	18				
40	26	32	YES	YES	YES	YES
52	5	69			YES	YES
53	8	48			YES	YES
	22	36			YES	YES
24	2	25			YES	YES
85	114	0			YES	
395	563	90	YES	YES	YES	YES
10	0	13				

## APPENDIX 3

### 2017 Reported Personnel Resources

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
MITCHELL VOL FD				
SPRAY VOL FD	MUNICIPAL	VOLUNTEER	NO	2
WHEELER CO F&R	PRIVATE - NON PROFIT	VOLUNTEER	NO	3
<b>YAMHILL</b>				
AMITY FIRE DIST				
DAYTON FIRE DISTRICT				
DUNDEE FD				
LAFAYETTE FD				
MCMINNVILLE FD				
NEW CARLTON FIRE DISTRICT				
SHERIDAN FD				
WEST VALLEY FIRE DIST				
YAMHILL FPD	DISTRICT	COMBINATION	NO	10

The information in this Appendix is based 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 Paid Staff and Volunteer Staff not provided by local fire agencies through the 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.

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
6		8				
11	0	14				
16	1	29			YES	YES

# APPENDIX 4

## APPENDIX 4

2017 Fire Agencies Not Reporting	
ADRIAN RFPD	MILO RFPD
ATHENA FD	MITCHELL VOL FD
AZALEA VOLS	MT VERNON FD
BLODGETT-SUMMIT RFPD	NORTH BAY RFPD
BONANZA RFPD	PAISLEY VOL FD
BUTTE FALLS VOL FD	POWERS FD
CAMAS VALLEY VOL RFD	PROSPECT RFPD
CANYONVILLE SOUTH UMPQUA FD	ROCKY POINT FIRE & EMS
DAYS CREEK RFD	SCIO RFPD
DAYVILLE FD	SCOTTSBURG RFD
FAIR OAKS RFPD	SILVER LAKE RFPD
GRANITE CITY FD	SPRING VALLEY RFPD
GREENSPRINGS RFPD	SUBLIMITY FIRE DISTRICT
IMBLER RFPD	SWISSHOME-DEADWOOD RFPD
IONE FD	TILLER RFD
JOHN DAY RFPD	WHEELER CO F&R
LANGLOIS RFPD #4-107	WILLIAMS RFPD
LEXINGTON FD	WINCHESTER BAY RFPD
MEACHAM VOL FD	WOLF CREEK RFPD

The information in Appendix 4 was obtained from the Oregon Fire Bridge™ on March 31, 2018. No incident reports were received by the OSFM from the agencies listed.

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This publication contains information about the activities and resources of Oregon's structural fire protection agencies in 2017. 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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