

OREGON OFFICE OF STATE FIRE MARSHAL ANNUAL REPORT SUPPLEMENT 2016





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

Statewide Incident Summary - The data in this section was obtained from the Oregon Fire Bridge™ and includes every type of incident reported, not just fire incidents. The data in this section includes only incidents reported to the OSFM on or before 3/31/2017.

Fires in Oregon - The data in this section was obtained from the Oregon Fire Bridge™ and includes only incidents that involved an actual fire. The data in this section includes only incidents reported to the OSFM on or before 3/31/2017.

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 supplement 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™ system is the online database the OSFM makes available for fire departments to enter hazardous substance incidents. A snapshot of the hazardous substance incidents that occurred in 2016 was taken on March 31, 2017, 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™, 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 agency are included. Excluded from this report are any incidents where agencies reported that mutual or automatic aid was given. An exception is where aid given totals are specifically identified.

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

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

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

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

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

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

Youth-Involved With Fire – Interventions - Information in this section is based only on entries into the JFSI/ Walk-in Module of the Oregon Fire Bridge™ and includes both instances when there was a fire department response and when there was not. All interventions occurring in 2016 that were reported as of 3/31/2017 were included.

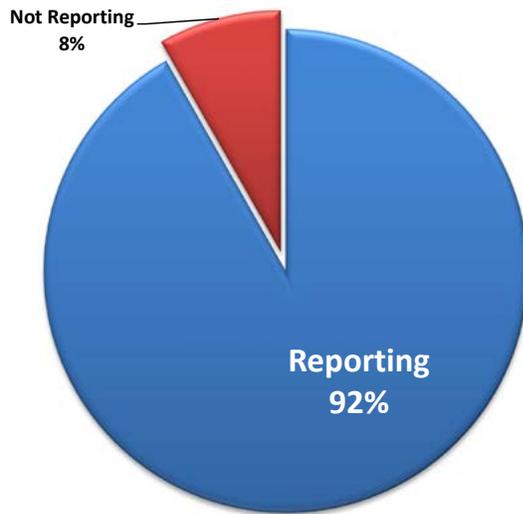
Note: Totals in the following charts and graphs may not add up to 100 percent due to rounding.

STATEWIDE INCIDENT SUMMARY

Reporting Status and Incident Information

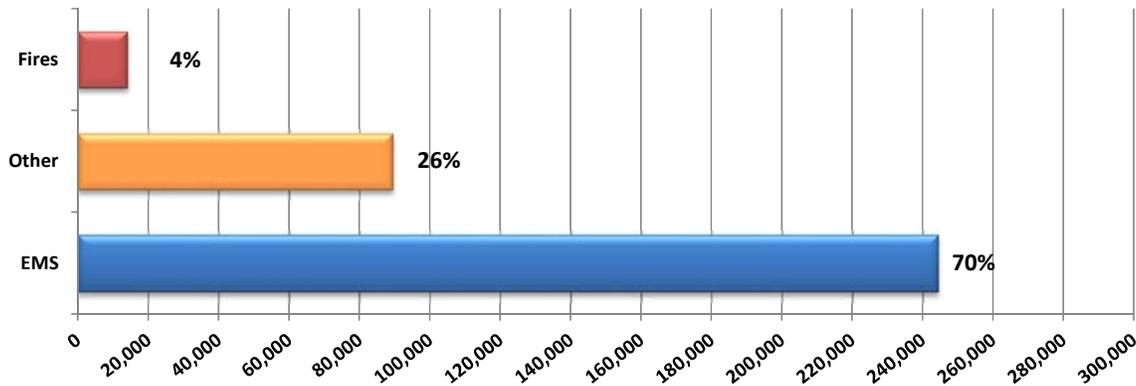
The following is an overview of all incident responses by Oregon fire agencies in 2016.

2016 Reporting Status



| | |
|--|-----|
| Number of Oregon fire agencies | 316 |
| Number of agencies reporting | 290 |
| Percentage of agencies reporting | 92% |
| Percentage of state population represented | 99% |
| Report completeness rate | 95% |

2016 Incident Type Information



| | |
|----------------------------------|----------------|
| Number of fire incidents | 13,986 |
| Number of other incidents | 89,553 |
| Number of EMS incidents | 244,497 |
| Number of unclassified incidents | 544 |
| Total Incidents | 348,580 |

Multi-Year Trends

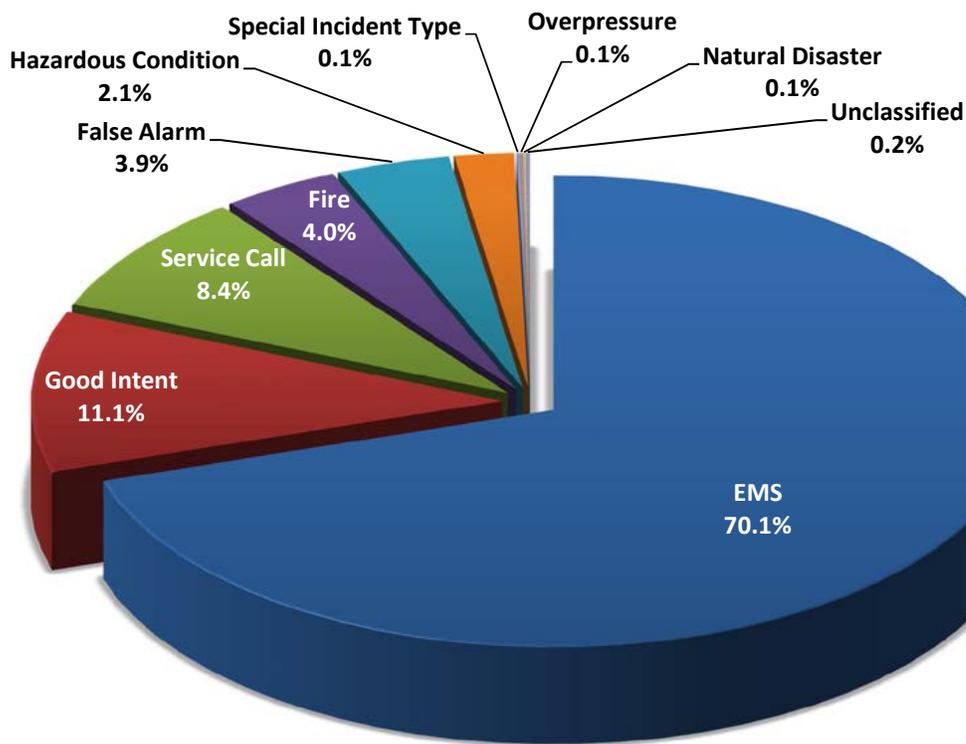
| Key Statewide Annual Statistics | 2012 | 2013 | 2014 | 2015 | 2016 |
|--|----------------|----------------|----------------|----------------|----------------|
| Total Fire Agencies | 316 | 317 | 320 | 316 | 316 |
| Fire Agencies Reporting | 258 | 249 | 269 | 298 | 290 |
| Percentage of Agencies Reporting | 81.6% | 78.5% | 84.1% | 94.3% | 91.7% |
| Total Fire Incidents | 11,207 | 11,628 | 12,416 | 15,098 | 13,986 |
| Total Non-Fire/EMS Incidents | 69,522 | 70,978 | 80,575 | 88,840 | 89,553 |
| Total EMS Incidents | 181,362 | 184,819 | 219,441 | 238,103 | 244,497 |
| Total Unclassified Incidents* | 118 | 150 | 1,835 | 379 | 544 |
| Total Runs Reported | 262,209 | 267,575 | 314,267 | 342,420 | 348,580 |
| 100% Valid Reports | 257,647 | 260,629 | 303,989 | 335,057 | 331,043 |
| Incident Report Validity Rate | 98.3% | 97.4% | 96.7% | 97.8% | 95.0% |
| Total Aid Given Calls | 16,203 | 18,329 | 15,245 | 18,442 | 20,197 |
| Total Cancelled En-route Calls | 19,218 | 19,236 | 22,223 | 23,680 | 24,957 |
| Total Estimated Dollar Loss (in millions) | \$148.8 | \$168.0 | \$129.1 | \$157.3 | \$200.1 |
| Total Estimated Residential Dollar Loss (in millions) | \$63.1 | \$72.8 | \$65.9 | \$72.0 | \$76.2 |
| Total Fire Related Fatalities | 24 | 40 | 50 | 42 | 34 |
| Total Fire Related Civilian Injuries | 301 | 228 | 223 | 227 | 266 |
| Total Firefighter Injuries | 83 | 165 | 124 | 156 | 116 |

* 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 2016. 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.

Total Responses by Incident Type Series



| Incident Series | Total | % |
|---------------------------|----------------|---------------|
| 300 EMS | 244,497 | 70.1% |
| 600 Good Intent | 38,542 | 11.1% |
| 500 Service Call | 29,232 | 8.4% |
| 100 Fire | 13,986 | 4.0% |
| 700 False Alarm | 13,549 | 3.9% |
| 400 Hazardous Condition | 7,160 | 2.1% |
| 900 Special Incident Type | 458 | 0.1% |
| 800 Natural Disaster | 323 | 0.1% |
| 200 Overpressure | 289 | 0.1% |
| Unclassified | 544 | 0.2% |
| Total | 348,580 | 100.0% |



Oregon Fire Clock

Oregon's structural fire agencies responded to **13,986** fires in 2016. This represents a **7.4%** increase from 2015.

ON AVERAGE, A FIRE DEPARTMENT IN OREGON RESPONDS TO:

- A fire every 38 minutes**
- A structure fire every 2 hours, 14 minutes**
- A house fire every 3 hours, 7 minutes**
- A vehicle fire every 4 hours, 38 minutes**
- An outside fire every 1 hour, 15 minutes**

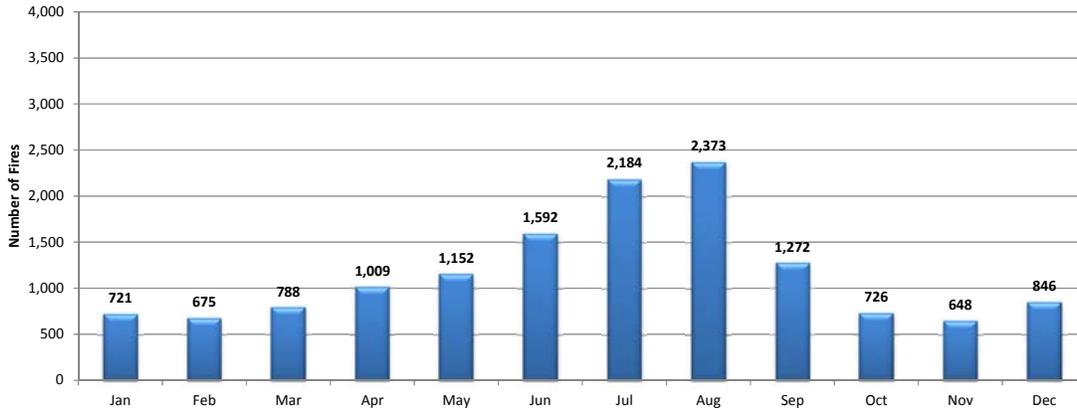
ON AVERAGE, FIRES IN OREGON RESULTED IN:

- Estimated property loss of \$546,636 every day**
- One civilian death every 8.1 days**
- One civilian injury every 33.0 hours**
- One firefighter injury every 4.5 days**

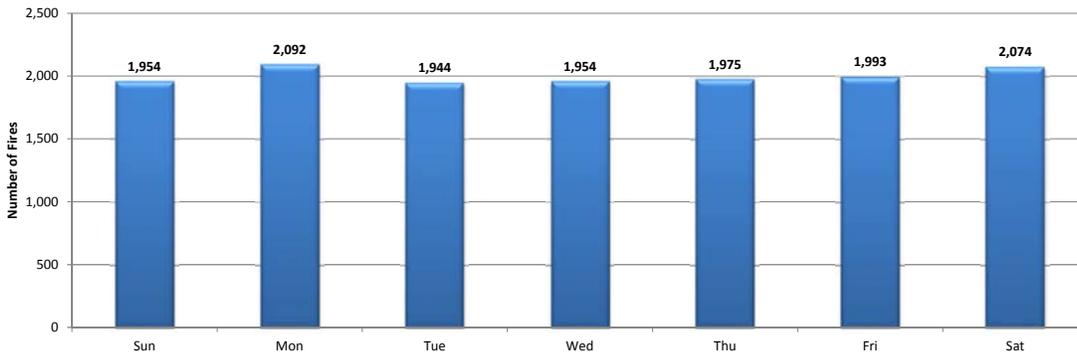
Chronological Fire Breakdown

CHRONOLOGICAL BREAKDOWN OF ALL OREGON FIRES

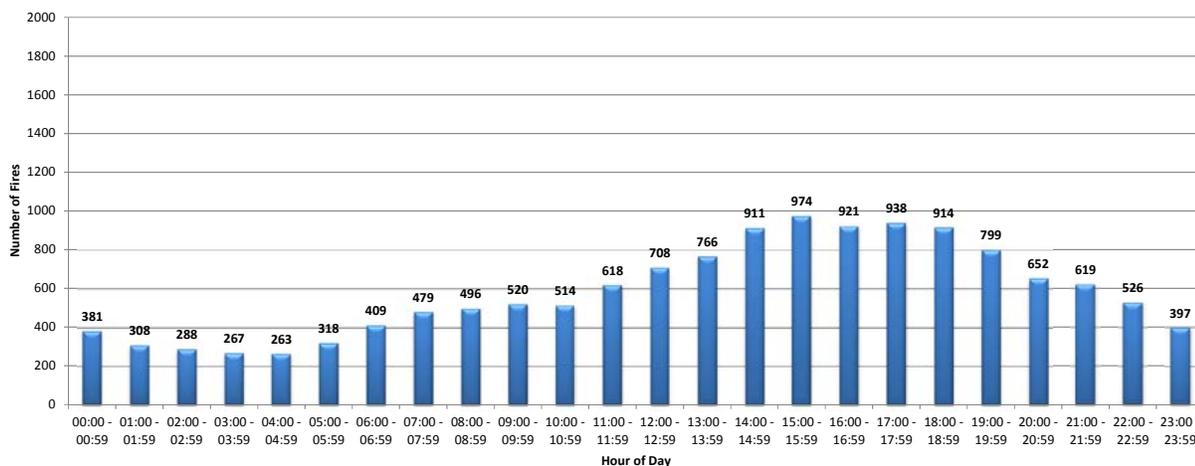
2016 Oregon Fires by Month



2016 Oregon Fires by Day of Week



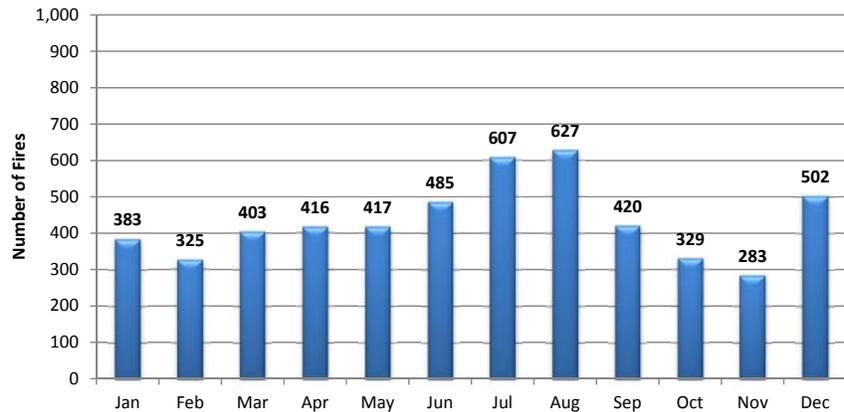
2016 Oregon Fires by Hour of Day



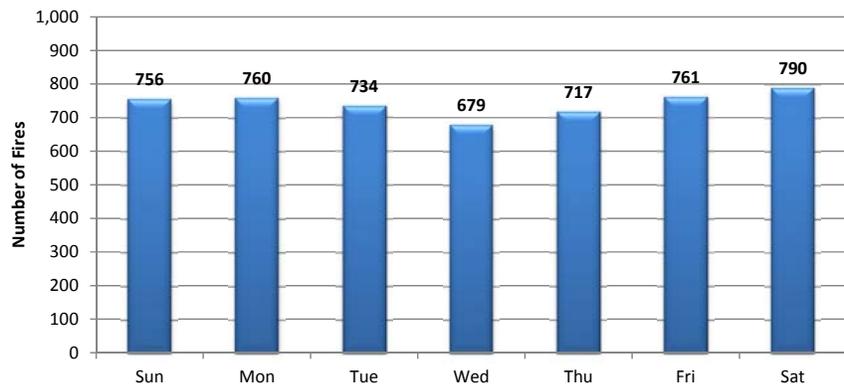
CHRONOLOGICAL RESIDENTIAL FIRE BREAKDOWN

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.

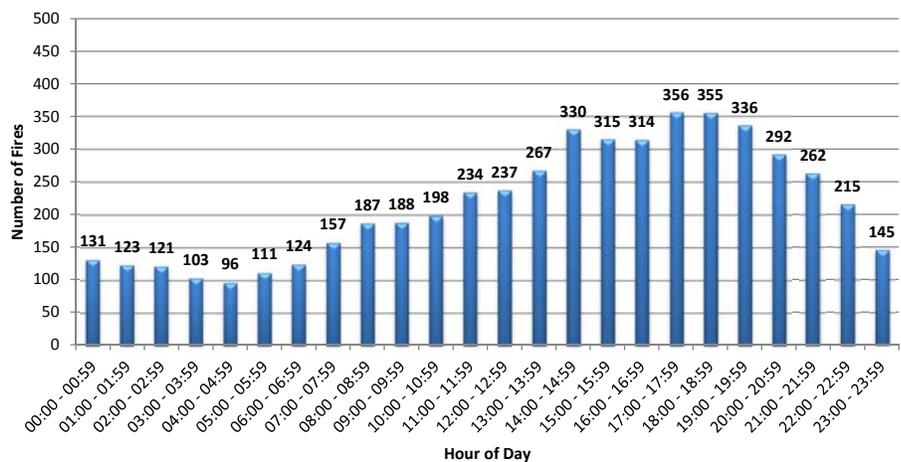
2016 Oregon Residential Fires by Month



2016 Oregon Residential Fires by Day of Week



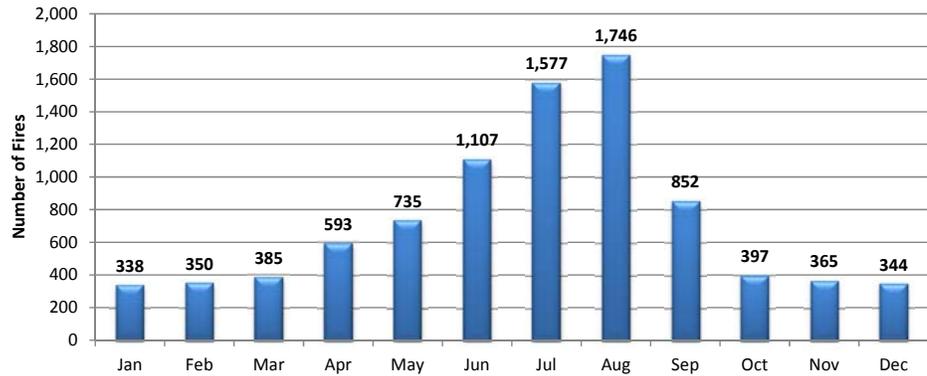
2016 Oregon Residential Fires by Hour of Day



CHRONOLOGICAL NON-RESIDENTIAL FIRE BREAKDOWN

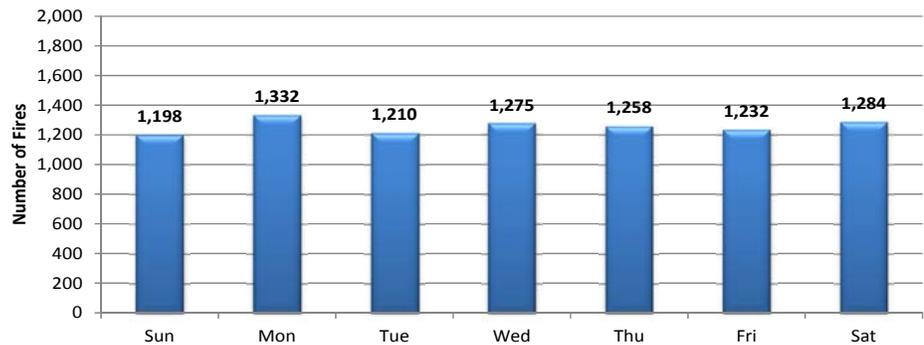
Non-Residential fires in this section include all property use types not identified as residential on the previous page.

2016 Oregon Non-Residential Fires by Month

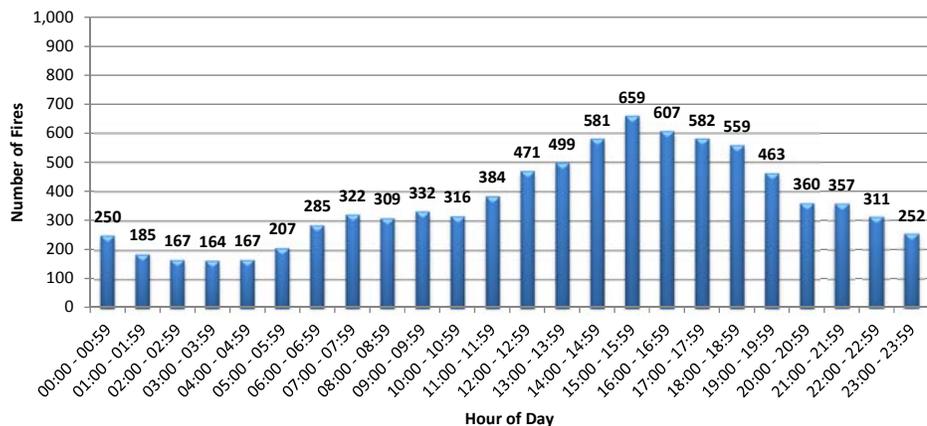


Non-Residential fires in this section include all property use types not identified as residential on the previous page.

2016 Oregon Non-Residential Fires by Day of Week



2016 Oregon Non-Residential Fires by Hour of Day



Fire Causes

| Causes of Fires in 2016 | Fires | % |
|--|---------------|---------------|
| Smoking | 1,797 | 12.8% |
| Intentional | 1,520 | 10.9% |
| Cooking | 779 | 5.6% |
| Heating | 676 | 4.8% |
| Heat Source or Product Misuse | 475 | 3.4% |
| Other Hot Object | 459 | 3.3% |
| Unclassified Electrical Malfunction | 449 | 3.2% |
| Ember, Rekindle | 437 | 3.1% |
| Natural | 301 | 2.2% |
| Electrical Distribution | 291 | 2.1% |
| Unclassified Equipment with Other or Unknown Fuel Source | 271 | 1.9% |
| Other Open Flame, Spark | 220 | 1.6% |
| Equipment Failure, Malfunction | 215 | 1.5% |
| Appliances | 211 | 1.5% |
| Other Unintentional | 191 | 1.4% |
| Matches, Candles | 182 | 1.3% |
| Equipment Operation Deficiency | 163 | 1.2% |
| Trash, Rubbish | 162 | 1.2% |
| Exposure 2 | 159 | 1.1% |
| Friction, Hot Material | 119 | 0.9% |
| Fireworks | 114 | 0.8% |
| Air Conditioning | 81 | 0.6% |
| Children Playing and Other Playing | 78 | 0.6% |
| Vehicle, Engine | 77 | 0.6% |
| Natural 2 | 73 | 0.5% |
| Special Equipment | 71 | 0.5% |
| Cause Under Investigation | 52 | 0.4% |
| Intentional Wildland | 30 | 0.2% |
| Explosives | 25 | 0.2% |
| Processing Equipment | 15 | 0.1% |
| Service Equipment | 14 | 0.1% |
| Unclassified Fuel Powered Equipment | 12 | 0.1% |
| Torches | 11 | 0.1% |
| Open Fire | 2 | 0.0% |
| Unknown | 4,254 | 30.4% |
| Total | 13,986 | 100.0% |

Causal information is based on the hierarchy methodology used by the U.S. Fire Administration to identify fire causes using NFIRS data. The following chart demonstrates the overall causes of fires in Oregon for 2016.

| | |
|----------------|-----|
| Exposure Fires | 490 |
|----------------|-----|

Fire by Type

Year-to-Year Comparison of Types of Fires

| Structure Fires - 28.0% of all fires in 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|-------------|-------------|-------------|-------------|-------------|
| Total Structure Fires | 3,838 | 3,780 | 3,787 | 3,880 | 3,919 |
| Civilian Deaths | 19 | 33 | 39 | 34 | 36 |
| Civilian Injuries | 243 | 179 | 179 | 165 | 207 |
| Fire Service Injuries | 59 | 99 | 79 | 51 | 64 |
| Damage in millions | \$128.1 | \$147.6 | \$101.6 | \$127.6 | \$171.0 |

| Vehicle Fires - 13.5% of all fires in 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|-------------|-------------|-------------|-------------|-------------|
| Total Vehicle Fires | 1,472 | 1,497 | 1,598 | 1,810 | 1,893 |
| Civilian Deaths | 2 | 2 | 7 | 5 | 8 |
| Civilian Injuries | 11 | 15 | 27 | 34 | 26 |
| Fire Service Injuries | 5 | 4 | 2 | 3 | 1 |
| Damage in millions | \$9.0 | \$15.2 | \$11.8 | \$16.3 | \$22.9 |

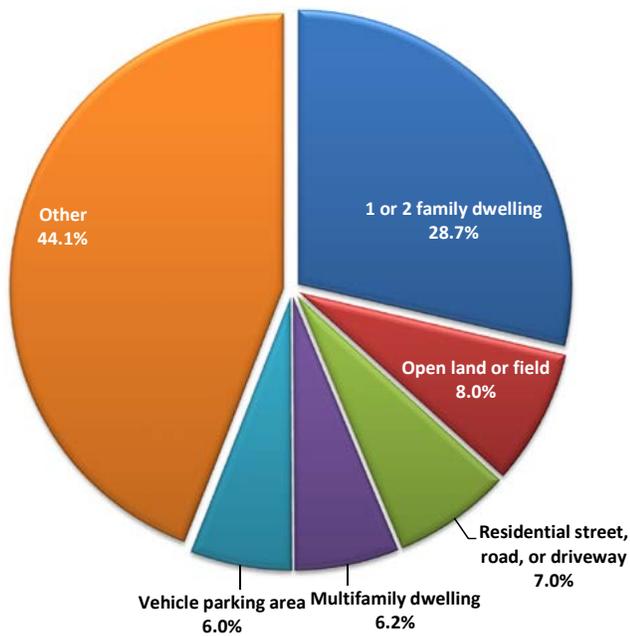
| Outside Fires - 50.0% of all fires in 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|-------------|-------------|-------------|-------------|-------------|
| Total Outside Fires | 5,471 | 5,937 | 6,604 | 8,401 | 6,992 |
| Civilian Deaths | 0 | 1 | 3 | 3 | 1 |
| Civilian Injuries | 17 | 15 | 12 | 18 | 19 |
| Fire Service Injuries | 7 | 14 | 8 | 14 | 16 |
| Damage in millions | \$9.0 | \$3.3 | \$14.0 | \$6.4 | \$5.1 |

| Other Fires - 8.5% of all fires in 2016 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--|-------------|-------------|-------------|-------------|-------------|
| Total Other Fires | 426 | 414 | 427 | 1,012 | 1,182 |
| Civilian Deaths | 0 | 1 | 0 | 0 | 0 |
| Civilian Injuries | 27 | 19 | 5 | 10 | 14 |
| Fire Service Injuries | 0 | 3 | 1 | 0 | 1 |
| Damage in millions | \$2.7 | \$2.6 | \$1.7 | \$1.1 | \$1.1 |

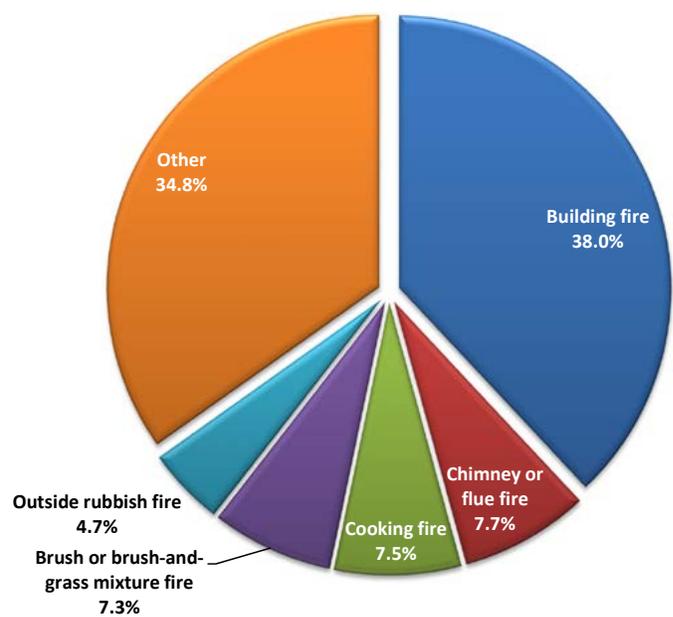
Dollar amounts are estimates made by in-scene firefighters and are not actual insurance estimates.

Fires by Property Use

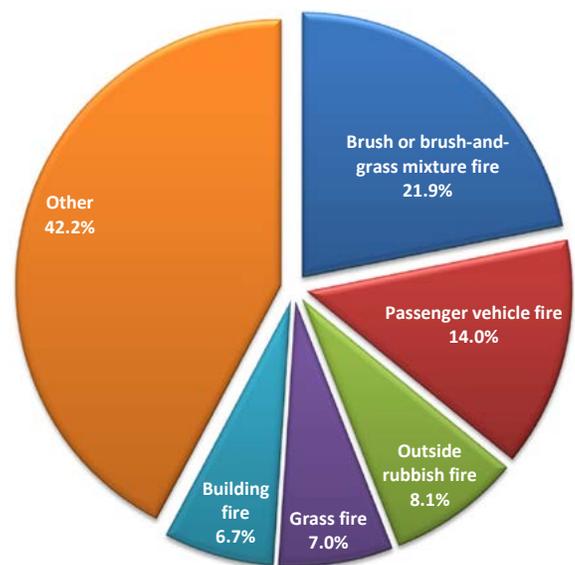
2016 Fires in Oregon
Top 5 Property Uses



2016 Fires in Residential Uses
Top 5 Incident Types



2016 Oregon Non-Residential Fires
Top 5 Incident Types



| Property Use | Count | Percent |
|---------------------------------------|---------------|---------------|
| 1 or 2 family dwelling | 4,010 | 28.7% |
| Open land or field | 1,125 | 8.0% |
| Multifamily dwelling | 981 | 7.0% |
| Residential street, road, or driveway | 867 | 6.2% |
| Vehicle parking area | 842 | 6.0% |
| Other | 6,161 | 44.1% |
| Total Fires | 13,986 | 100.0% |

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

| | 2012 | 2013 | 2014 | 2015 | 2016 |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|
| Residential Fires | 2,811 | 2,804 | 2,755 | 2,800 | 2,818 |
| Civilian Deaths | 13 | 25 | 29 | 31 | 25 |
| Civilian Injuries | 201 | 149 | 134 | 128 | 148 |
| Firefighter Injuries | 49 | 95 | 81 | 82 | 70 |
| Total loss in millions | \$63.1 | \$72.8 | \$65.9 | \$72.0 | \$76.2 |

Oregon Home Structure Fire Loss by County - 2016

| County | Fires | Estimated Loss Total | County | Fires | Estimated Loss Total |
|------------|-------|----------------------|-----------------------------------|--------------|----------------------|
| BAKER | 13 | \$120,460 | LANE | 245 | \$7,115,708 |
| BENTON | 42 | \$524,350 | LINCOLN | 35 | \$1,478,300 |
| CLACKAMAS | 239 | \$6,362,693 | LINN | 94 | \$2,683,484 |
| CLATSOP | 61 | \$2,385,612 | MALHEUR | 20 | \$1,061,000 |
| COLUMBIA | 53 | \$1,743,560 | MARION | 215 | \$4,390,869 |
| COOS | 41 | \$1,256,700 | MORROW | 8 | \$80,550 |
| CROOK | 17 | \$747,300 | MULTNOMAH | 498 | \$16,583,133 |
| CURRY | 22 | \$232,100 | POLK | 50 | \$930,250 |
| DESCHUTES | 103 | \$3,423,538 | SHERMAN | 1 | \$27,000 |
| DOUGLAS | 95 | \$1,359,600 | TILLAMOOK | 33 | \$563,990 |
| GILLIAM | 6 | \$1,311,030 | UMATILLA | 56 | \$2,018,970 |
| GRANT | 12 | \$40,500 | UNION | 24 | \$748,380 |
| HARNEY | 6 | \$0 | WALLOWA | 11 | \$418,265 |
| HOOD RIVER | 17 | \$566,000 | WASCO | 17 | \$1,143,500 |
| JACKSON | 138 | \$3,651,170 | WASHINGTON | 388 | \$7,653,513 |
| JEFFERSON | 20 | \$303,020 | WHEELER | 1 | \$0 |
| JOSEPHINE | 107 | \$2,727,370 | YAMHILL | 63 | \$1,743,185 |
| KLAMATH | 60 | \$828,505 | Total Home Structure Fires | 2,818 | \$76,278,105 |
| LAKE | 7 | \$54,500 | | | |

RESIDENTIAL STRUCTURE FIRES - CAUSES

| Causes of Home Structure Fires in 2016 | Fires | % |
|--|--------------|---------------|
| Cooking | 586 | 20.8% |
| Heating | 558 | 19.8% |
| Unknown | 294 | 10.4% |
| Smoking | 168 | 6.0% |
| Electrical Distribution | 147 | 5.2% |
| Intentional | 135 | 4.8% |
| Appliances | 125 | 4.4% |
| Unclassified Electrical Malfunction | 105 | 3.7% |
| Heat Source or Product Misuse | 92 | 3.3% |
| Other Hot Object | 90 | 3.2% |
| Ember, Rekindle | 78 | 2.8% |
| Matches, Candles | 64 | 2.3% |
| Air Conditioning | 55 | 2.0% |
| Natural | 49 | 1.7% |
| Other Open Flame, Spark | 41 | 1.5% |
| Equipment Operation Deficiency | 36 | 1.3% |
| Vehicle, Engine | 34 | 1.2% |
| Unclassified Equipment with Other or Unknown Fuel Source | 24 | 0.9% |
| Cause Under Investigation | 21 | 0.7% |
| Children Playing and Other Playing | 21 | 0.7% |
| Exposure 2 | 20 | 0.7% |
| Special Equipment | 14 | 0.5% |
| Trash, Rubbish | 13 | 0.5% |
| Friction, Hot Material | 8 | 0.3% |
| Equipment Failure, Malfunction | 8 | 0.3% |
| Other Unintentional | 8 | 0.3% |
| Fireworks | 7 | 0.2% |
| Service Equipment | 6 | 0.2% |
| Unclassified Fuel Powered Equipment | 4 | 0.1% |
| Processing Equipment | 2 | 0.1% |
| Torches | 2 | 0.1% |
| Explosives | 1 | 0.0% |
| Open Fire | 1 | 0.0% |
| Natural 2 | 1 | 0.0% |
| Intentional Wildland | 0 | 0.0% |
| Total | 2,818 | 100.0% |

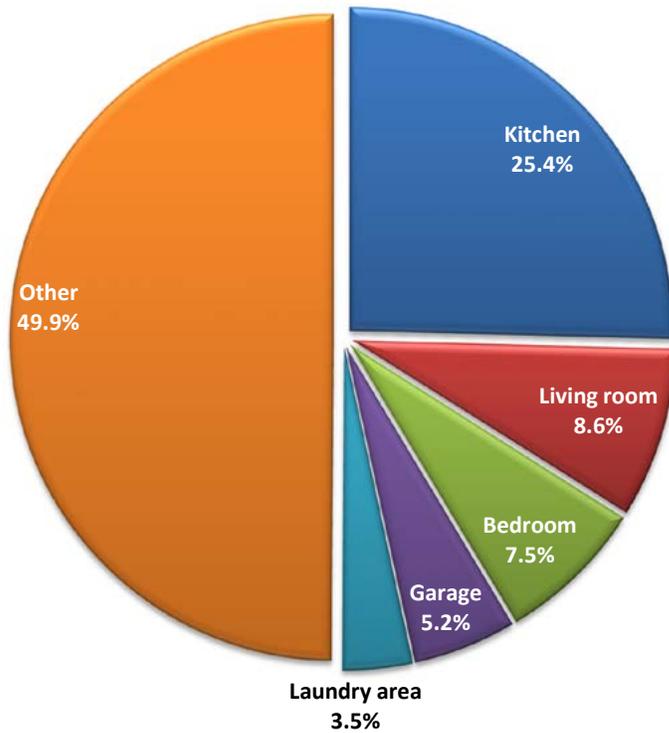
Causal information is based on the hierarchy methodology used by the U.S. Fire Administration to identify fire causes using NFIRS data. The following chart demonstrates the causes of home structure fires in Oregon for 2016.

| | |
|-----------------------|-----|
| Exposure Fires | 144 |
|-----------------------|-----|

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.

**2016 Home Structure Fires
Top 5 Areas of Origin**

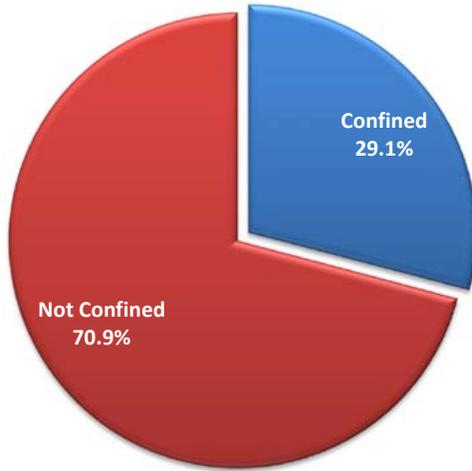


| Ignition Fire Origin | Fires | Loss Total |
|----------------------|--------------|---------------------|
| Kitchen | 716 | \$8,697,561 |
| Living room | 241 | \$6,227,998 |
| Bedroom | 210 | \$8,558,615 |
| Garage | 146 | \$9,722,639 |
| Laundry area | 99 | \$2,219,900 |
| Other | 1,406 | \$40,851,392 |
| Total | 2,818 | \$76,278,105 |

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

RESIDENTIAL STRUCTURE FIRES - AREA OF ORIGIN

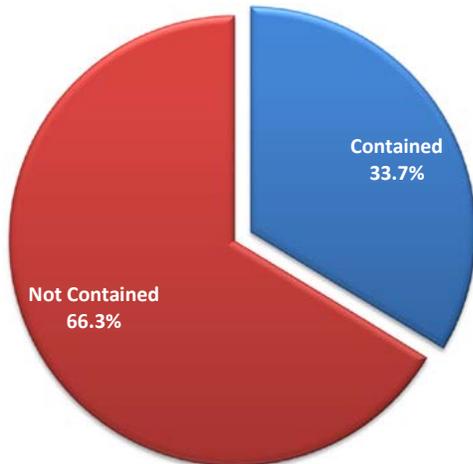
2016 Home Structure Fires: Confined vs. Not-Confined



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 | Percent | Loss Total | Percent |
|---------------|--------------|---------------|---------------------|---------------|
| Confined | 820 | 29.1% | \$214,925 | 0.3% |
| Not Confined | 1,998 | 70.9% | \$76,063,180 | 99.7% |
| Total | 2,818 | 100.0% | \$76,278,105 | 100.0% |

2016 Home Structure Fires: Contained v. Not Contained

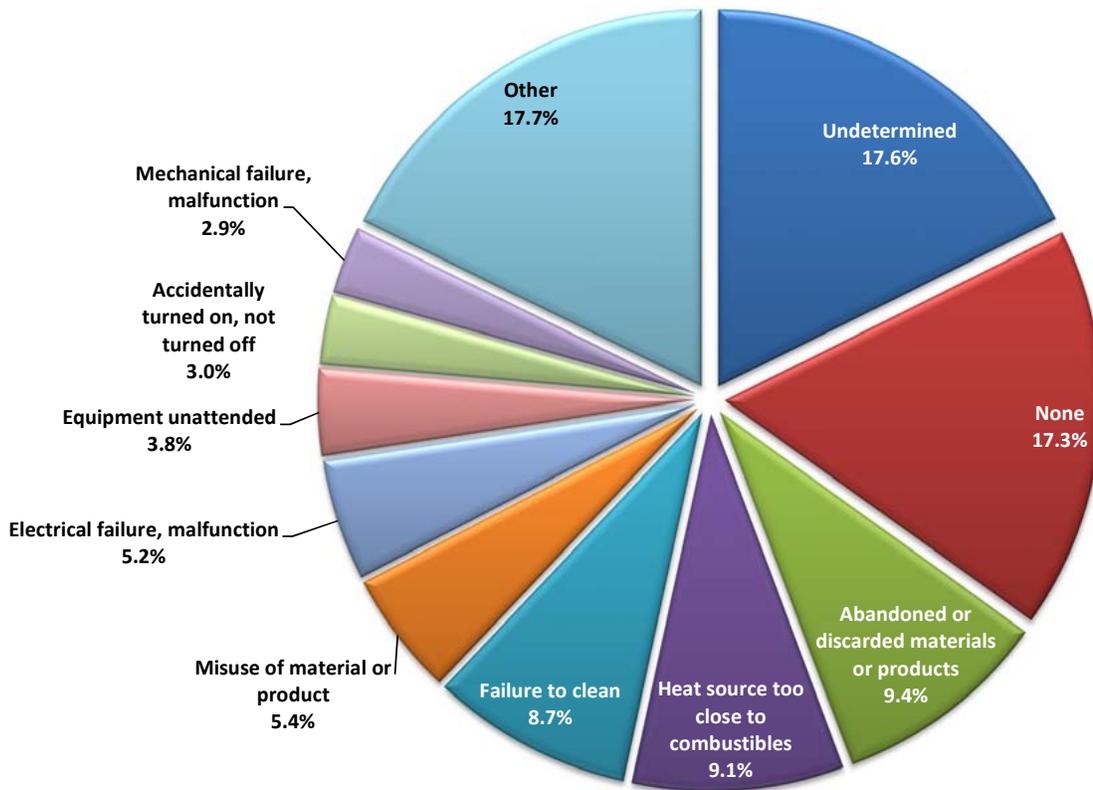


Contained Fire is defined as fire spread that is reasonably expected to remain in check under prevailing conditions.

| Incident Type | Fires | Percent | Loss Total | Percent |
|---------------|--------------|---------------|---------------------|---------------|
| Contained | 949 | 33.7% | \$1,083,845 | 1.4% |
| Not Contained | 1,869 | 66.3% | \$75,194,260 | 98.6% |
| Total | 2,818 | 100.0% | \$76,278,105 | 100.0% |

RESIDENTIAL STRUCTURE FIRES - CONTRIBUTING FACTORS

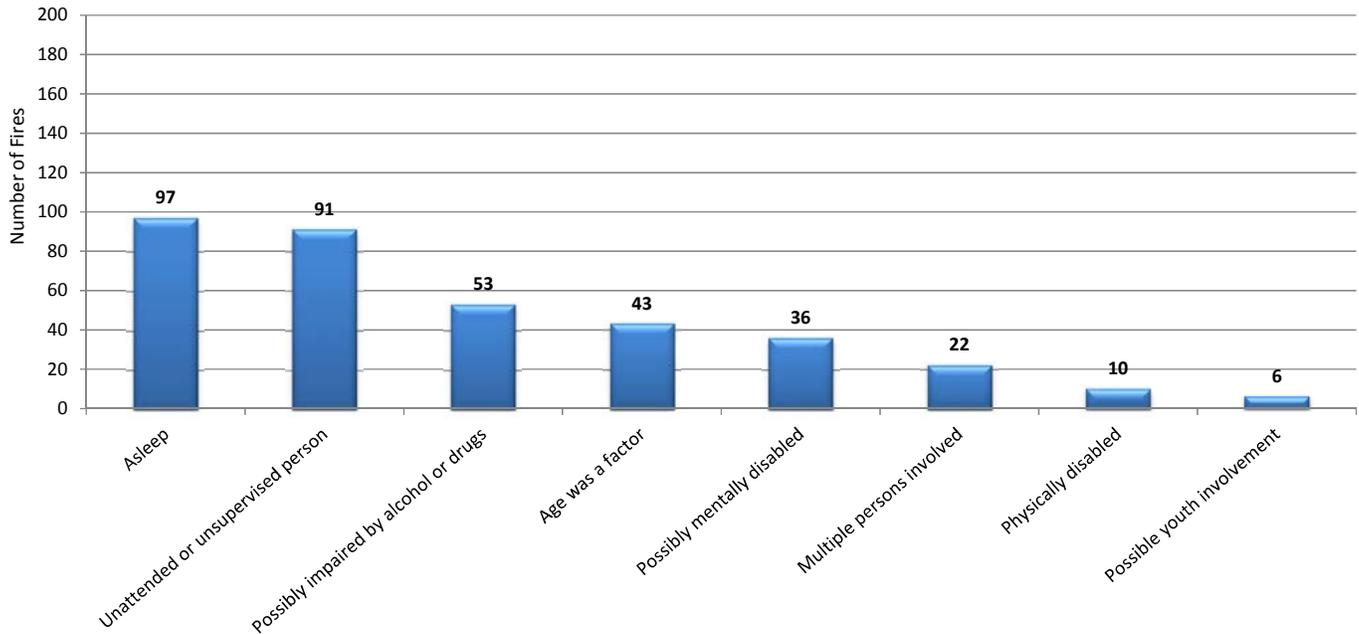
2016 Home Structure Fires Top 10 Ignition Factors



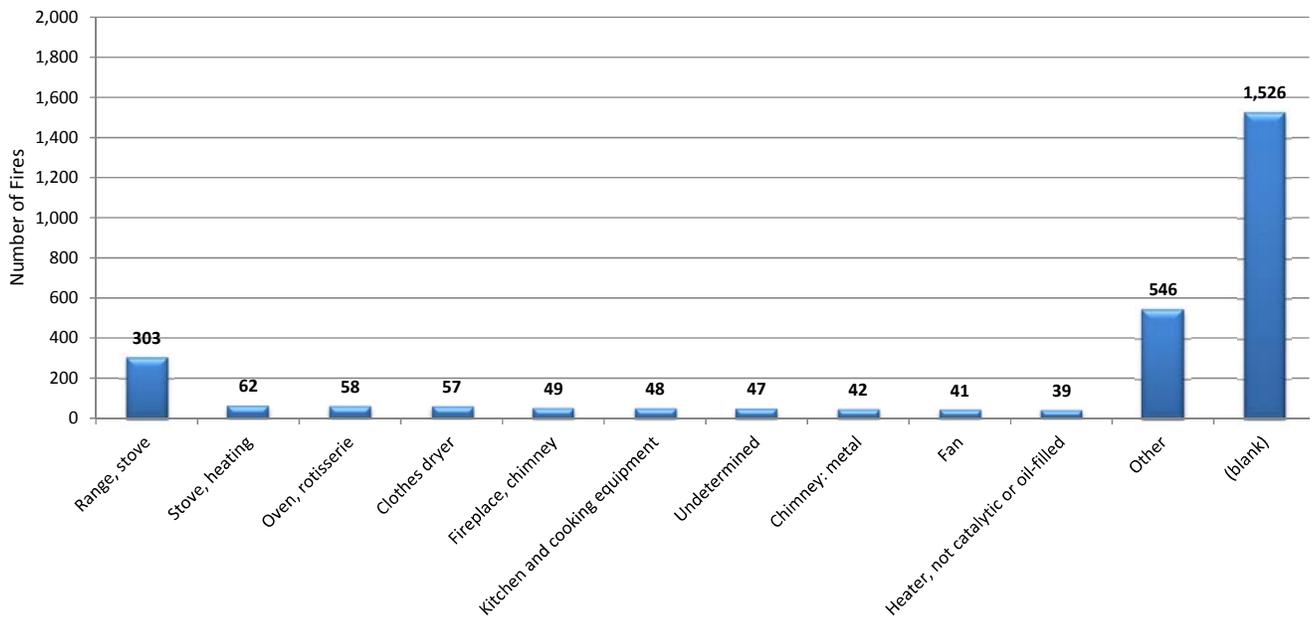
| Ignition Factor | Fires | Percent |
|--|--------------|---------------|
| Undetermined | 497 | 17.6% |
| None | 487 | 17.3% |
| Abandoned or discarded materials or products | 264 | 9.4% |
| Heat source too close to combustibles | 256 | 9.1% |
| Failure to clean | 244 | 8.7% |
| Misuse of material or product | 151 | 5.4% |
| Electrical failure, malfunction | 147 | 5.2% |
| Equipment unattended | 106 | 3.8% |
| Accidentally turned on, not turned off | 84 | 3.0% |
| Mechanical failure, malfunction | 82 | 2.9% |
| Other | 500 | 17.7% |
| Total | 2,818 | 100.0% |

RESIDENTIAL STRUCTURE FIRES - CONTRIBUTING FACTORS

2016 Home Structure Fire Human Factors Contributing to Ignition

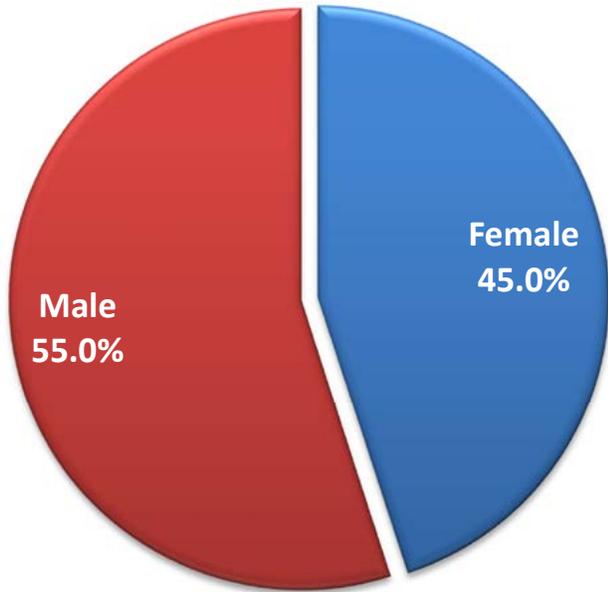


2016 Home Structure Fire Equipment Involved in Ignition

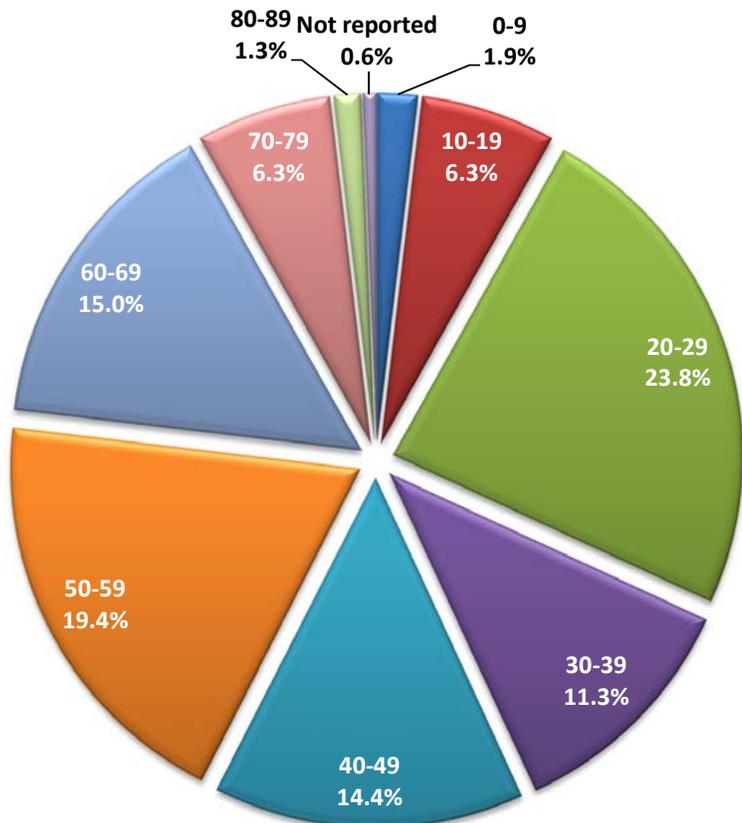


RESIDENTIAL STRUCTURE FIRES - INJURIES

2016 Home Structure Fire Injuries by Gender

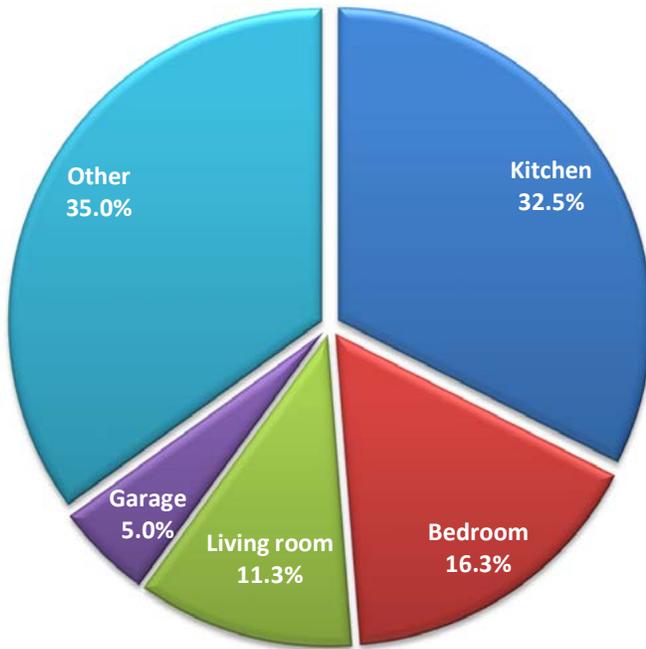


2016 Home Structure Fire Injuries by Age Group

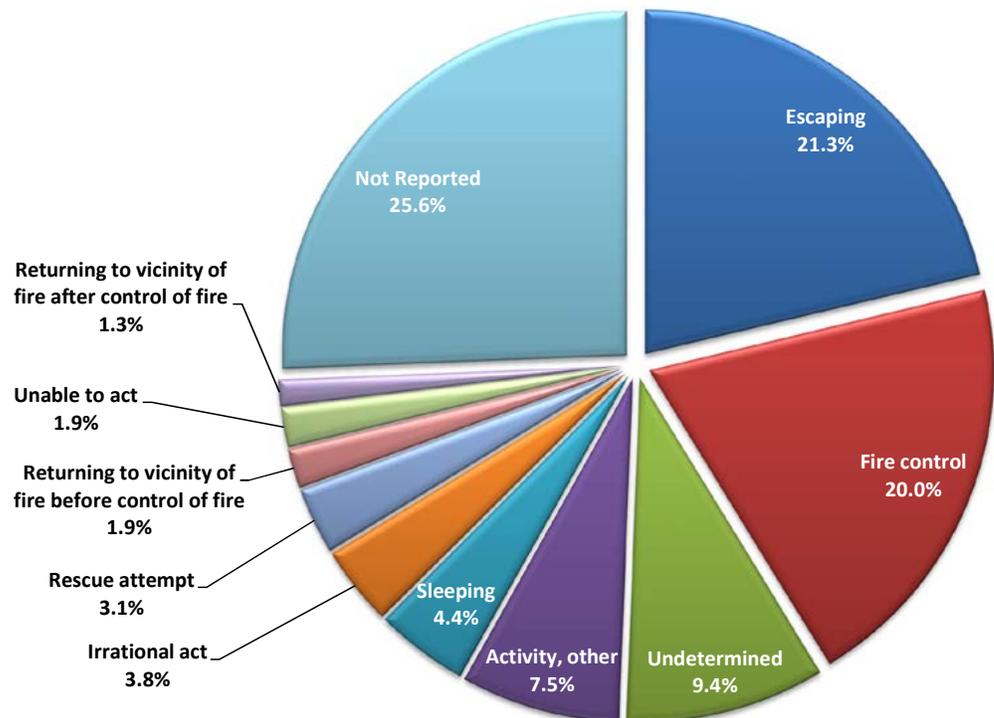


RESIDENTIAL STRUCTURE FIRES - INJURIES

2016 Home Structure Fire Injuries Top 4 Areas of Origin



2016 Home Structure Fire Activity at Time of Injury

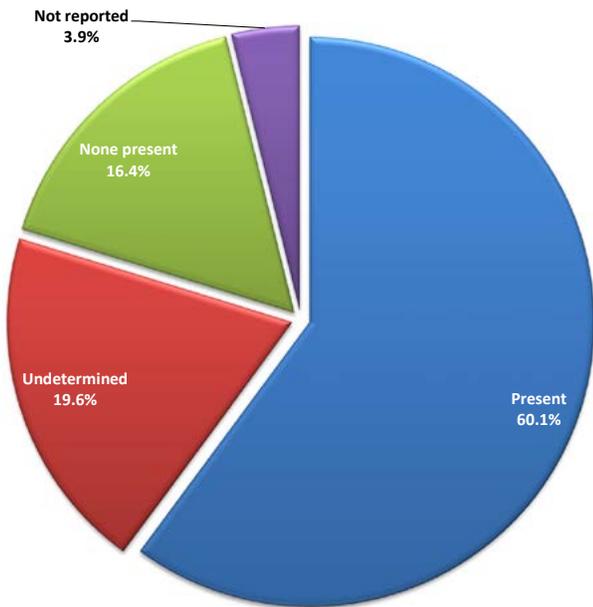


Smoke Alarms

SMOKE ALARM PRESENCE & OPERATION

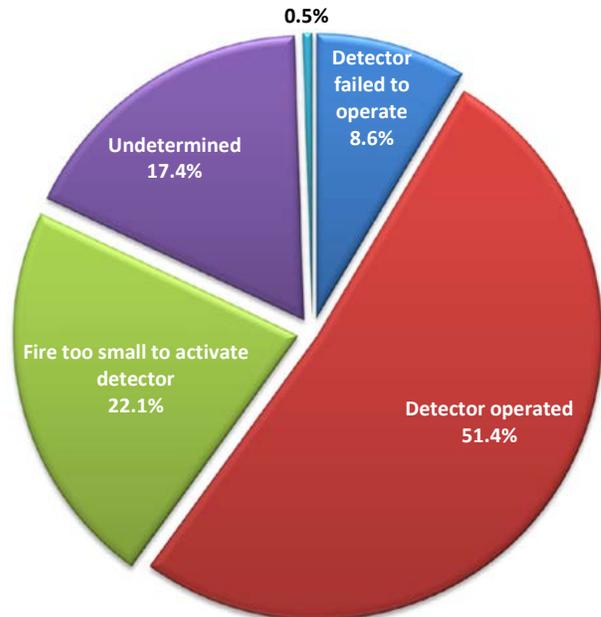
In 2016, 16.4% of all residential structure fires were in homes with no smoke alarm present. These fires were responsible for 11 deaths, 28 injuries, and an estimated \$ 15.7 million in property damage.

**2016 Home Structure Fire
Smoke Alarm Presence**



| Alarm Presence | Fires | Percent |
|----------------|--------------|---------------|
| Present | 1,694 | 60.1% |
| Undetermined | 553 | 19.6% |
| None present | 462 | 16.4% |
| Not reported | 109 | 3.9% |
| Total | 2,818 | 100.0% |

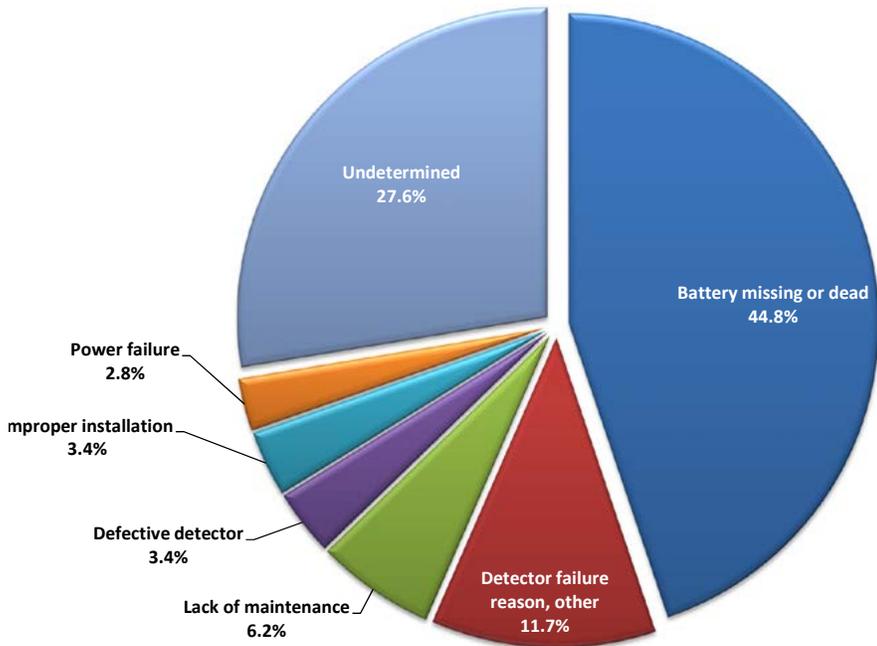
**2016 Home Structure Fire
Smoke Alarm Operation**



| Alarm Operation | Fires | Percent |
|-------------------------------------|--------------|---------------|
| Detector failed to operate | 145 | 8.6% |
| Detector operated | 871 | 51.4% |
| Fire too small to activate detector | 374 | 22.1% |
| Undetermined | 295 | 17.4% |
| Not reported | 9 | 0.5% |
| Total | 1,694 | 100.0% |

SMOKE ALARM FAILURE REASONS

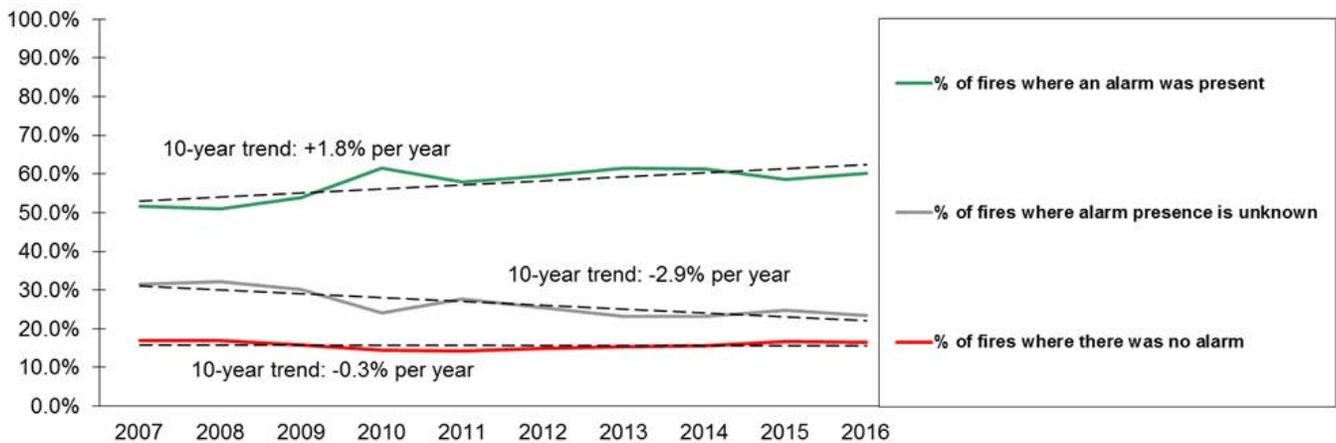
**2016 Home Structure Fire
Smoke Alarm Failure Reasons**



| Alarm Failure Reason | Fires | % |
|--------------------------------|------------|---------------|
| Battery missing or dead | 65 | 44.8% |
| Detector failure reason, other | 17 | 11.7% |
| Lack of maintenance | 9 | 6.2% |
| Defective detector | 5 | 3.4% |
| Improper installation | 5 | 3.4% |
| Power failure | 4 | 2.8% |
| Undetermined | 40 | 27.6% |
| Total | 145 | 100.0% |

SMOKE ALARM 10 YEAR TRENDS

Smoke Alarm Presence in Home Structure Fires 2007-2016



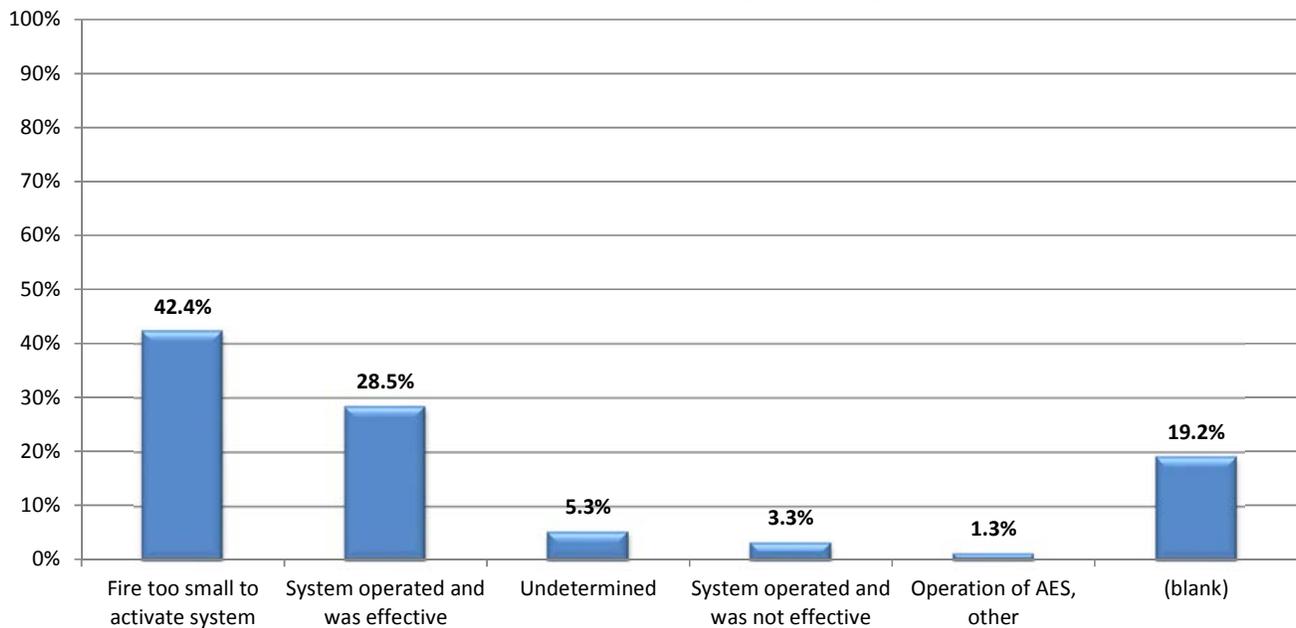
*Home' properties include houses, apartments, and mobile homes used as fixed residence.

Automatic Extinguishing (Sprinkler) Systems

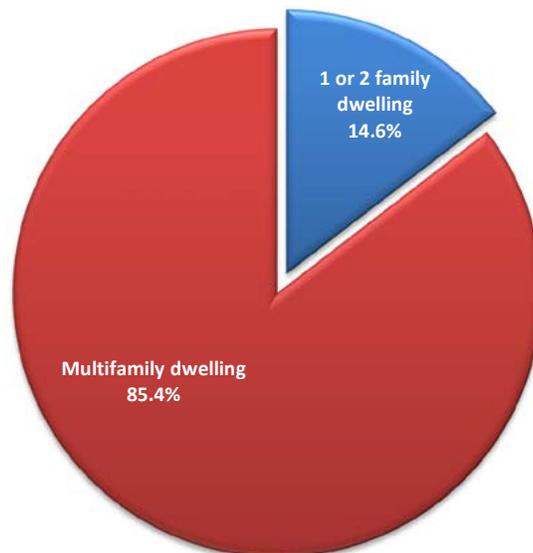
SPRINKLER PERFORMANCE

Automatic extinguishing (sprinkler) systems were present in 5.4% of the 2,818 residential structure fires in Oregon in 2016. The graphs below illustrate how the systems performed in these 151 fires and which type of residential properties they were located in.

2016 Home Structure Fire Sprinkler Operation



2016 Home Structure Fire Property Use with Sprinkler Present



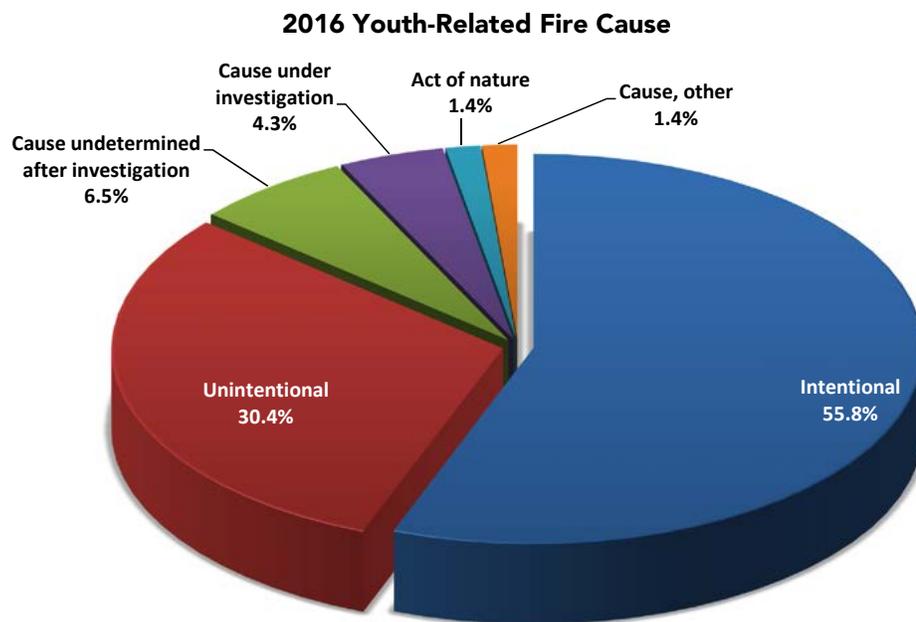
Youth-Involved with Fire

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 138 fires identified as having youth involvement reported to the OSFM in 2016.

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

| | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|--------|--------|--------|--------|--------|
| Total Fires | 156 | 154 | 113 | 159 | 138 |
| Civilian Deaths | 0 | 0 | 0 | 0 | 0 |
| Civilian Injuries | 3 | 7 | 3 | 5 | 3 |
| Property Damage in Millions | \$2.37 | \$1.04 | \$0.59 | \$5.69 | \$1.06 |

In 2016, **56%** of all fires involving youths were determined to be intentionally set fires.

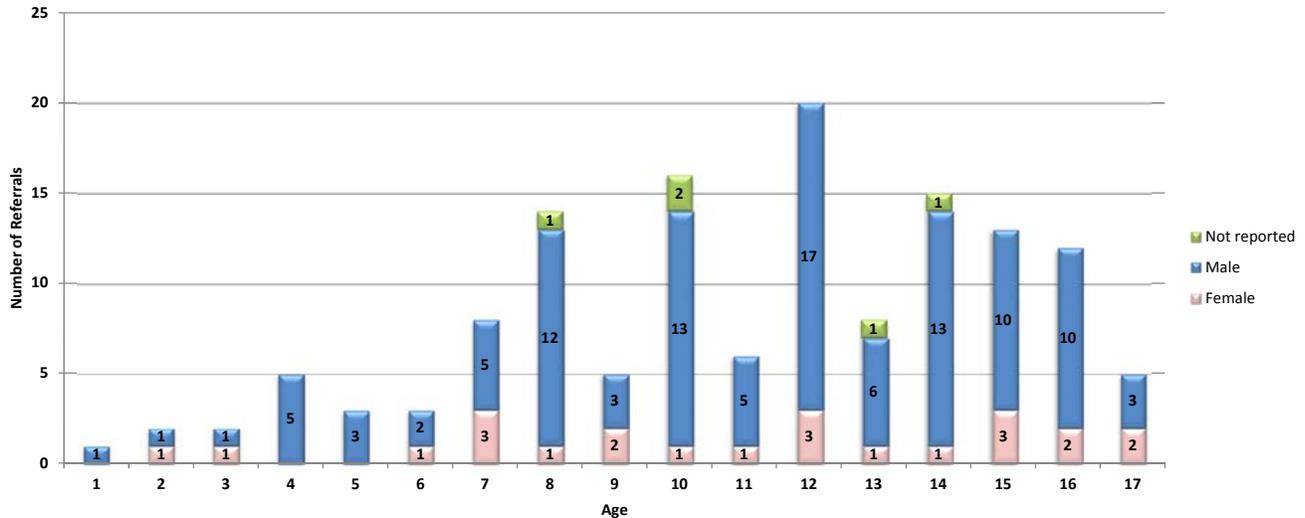


| Cause of Ignition | Fires | Percent |
|--|------------|---------------|
| Intentional | 77 | 55.8% |
| Unintentional | 42 | 30.4% |
| Cause undetermined after investigation | 9 | 6.5% |
| Cause under investigation | 6 | 4.3% |
| Act of nature | 2 | 1.4% |
| Cause, other | 2 | 1.4% |
| Total | 138 | 100.0% |

YOUTH-INVOLVED WITH FIRE – INCIDENTS

Youths between the ages 10 and 14 accounted for 47% of youth-involved fires. Males were involved in 80% of the fires, while females accounted for 17%. No gender was reported for the remaining 3%.

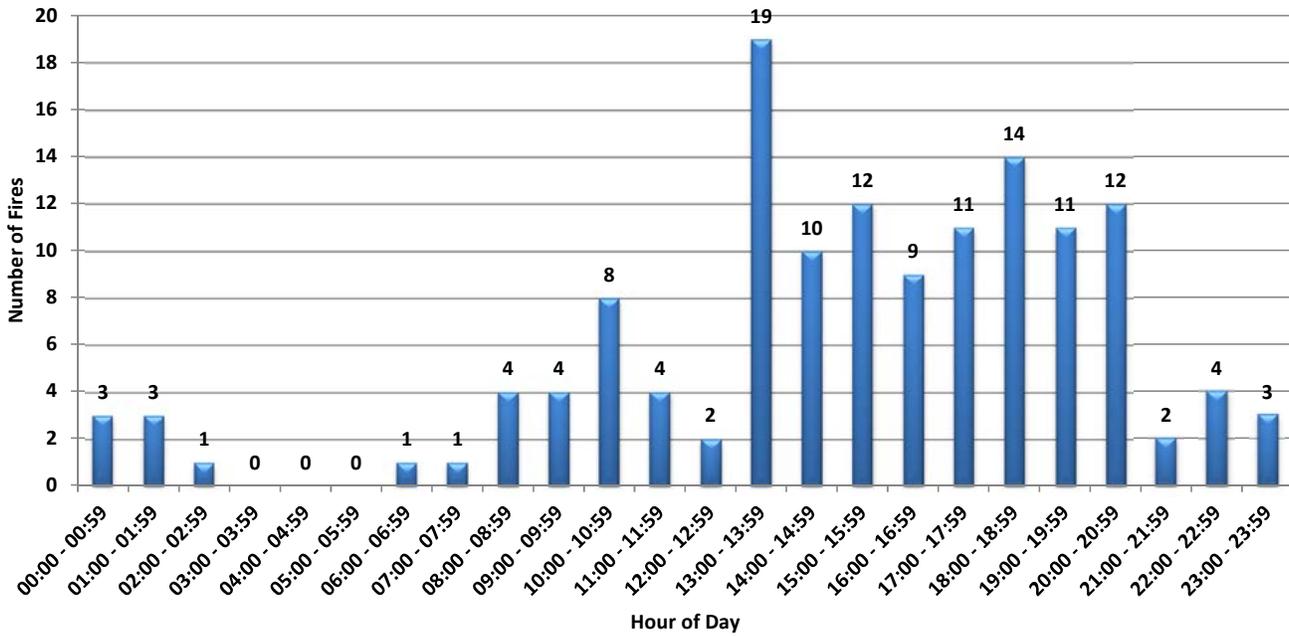
2016 Ages and Gender of Youth-Involved with Fire - Incidents



| Gender\ Age | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | Total |
|--------------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|------------|
| Female | 0 | 1 | 1 | 0 | 0 | 1 | 3 | 1 | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 2 | 2 | 23 |
| Male | 1 | 1 | 1 | 5 | 3 | 2 | 5 | 12 | 3 | 13 | 5 | 17 | 6 | 13 | 10 | 10 | 3 | 110 |
| Not reported | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 5 |
| Total | 1 | 2 | 2 | 5 | 3 | 3 | 8 | 14 | 5 | 16 | 6 | 20 | 8 | 15 | 13 | 12 | 5 | 138 |

Seventy-one 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 50% of all youth-involved fires.

2016 Fire Incidents Involving Youth by Time of Day

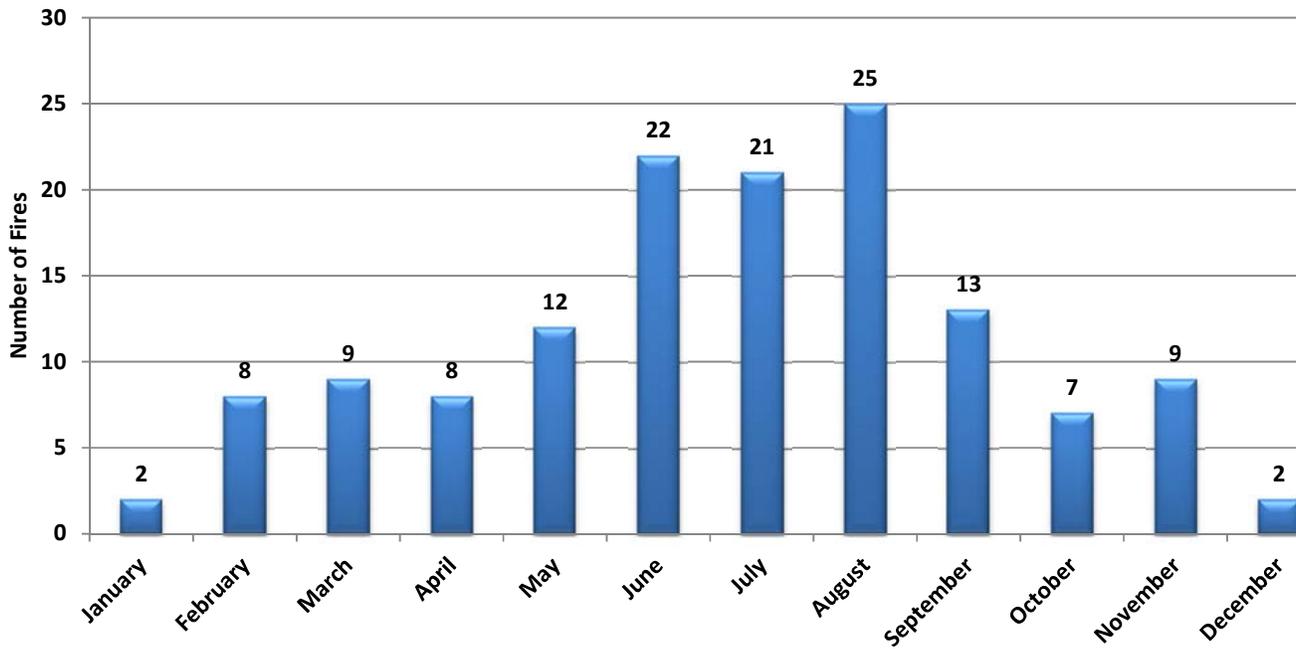


| Hour | Fires | % |
|---------------|-------|------|
| 00:00 - 00:59 | 3 | 2.2% |
| 01:00 - 01:59 | 3 | 2.2% |
| 02:00 - 02:59 | 1 | 0.7% |
| 03:00 - 03:59 | 0 | 0.0% |
| 04:00 - 04:59 | 0 | 0.0% |
| 05:00 - 05:59 | 0 | 0.0% |
| 06:00 - 06:59 | 1 | 0.7% |
| 07:00 - 07:59 | 1 | 0.7% |
| 08:00 - 08:59 | 4 | 2.9% |
| 09:00 - 09:59 | 4 | 2.9% |
| 10:00 - 10:59 | 8 | 5.8% |
| 11:00 - 11:59 | 4 | 2.9% |
| 12:00 - 12:59 | 2 | 1.4% |

| Hour | Fires | % |
|---------------|------------|---------------|
| 13:00 - 13:59 | 19 | 13.8% |
| 14:00 - 14:59 | 10 | 7.2% |
| 15:00 - 15:59 | 12 | 8.7% |
| 16:00 - 16:59 | 9 | 6.5% |
| 17:00 - 17:59 | 11 | 8.0% |
| 18:00 - 18:59 | 14 | 10.1% |
| 19:00 - 19:59 | 11 | 8.0% |
| 20:00 - 20:59 | 12 | 8.7% |
| 21:00 - 21:59 | 2 | 1.4% |
| 22:00 - 22:59 | 4 | 2.9% |
| 23:00 - 23:59 | 3 | 2.2% |
| Total | 138 | 100.0% |

Forty-nine percent of youth-involved fires occurred during the months of June-August.

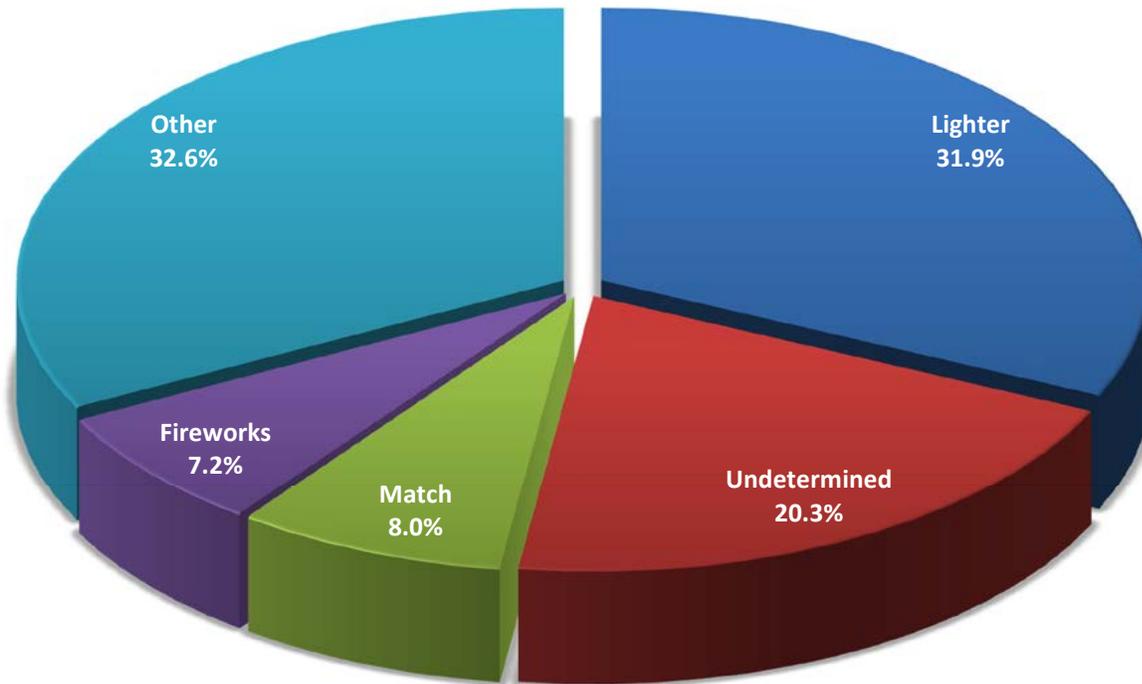
2016 Fire Incidents Involving Youth by Month



| Month | Fires | % |
|--------------|------------|---------------|
| January | 2 | 1.4% |
| February | 8 | 5.8% |
| March | 9 | 6.5% |
| April | 8 | 5.8% |
| May | 12 | 8.7% |
| June | 22 | 15.9% |
| July | 21 | 15.2% |
| August | 25 | 18.1% |
| September | 13 | 9.4% |
| October | 7 | 5.1% |
| November | 9 | 6.5% |
| December | 2 | 1.4% |
| Total | 138 | 100.0% |

2016 Top Heat Sources of Youth-Involved fires

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

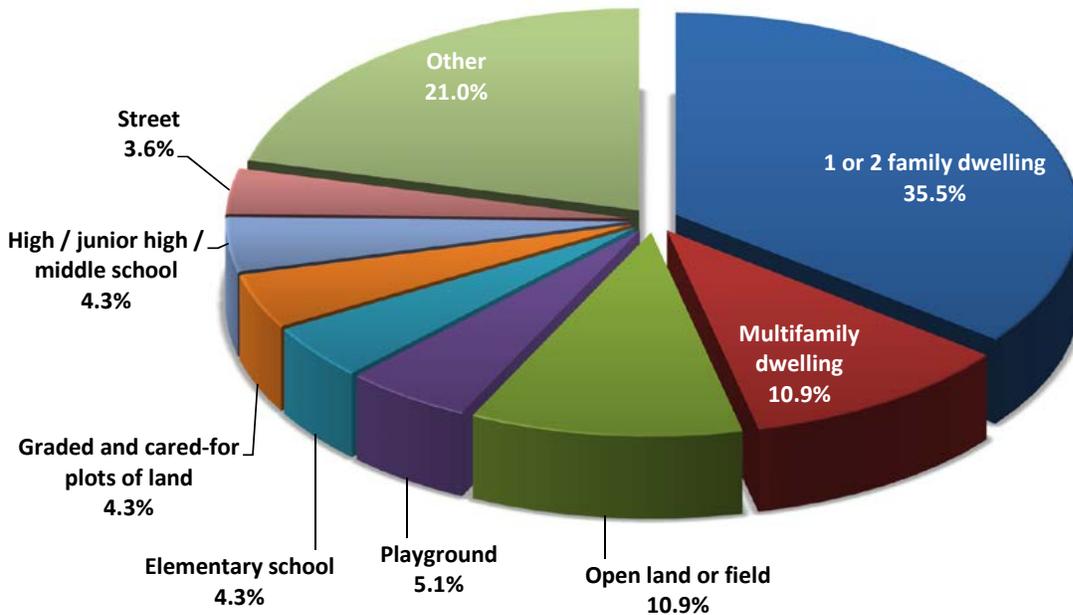


| Heat Source | Count | % |
|--------------|------------|---------------|
| Lighter | 44 | 31.9% |
| Undetermined | 28 | 20.3% |
| Match | 11 | 8.0% |
| Fireworks | 10 | 7.2% |
| Other | 45 | 32.6% |
| Total | 138 | 100.0% |

| Item First Ignited | Count | % |
|------------------------------------|------------|---------------|
| Light vegetation | 28 | 20.3% |
| Undetermined | 26 | 18.8% |
| Rubbish, trash, waste | 16 | 11.6% |
| Magazine, newspaper, writing paper | 6 | 4.3% |
| Organic materials | 6 | 4.3% |
| Other | 56 | 40.6% |
| Total | 138 | 100.0% |

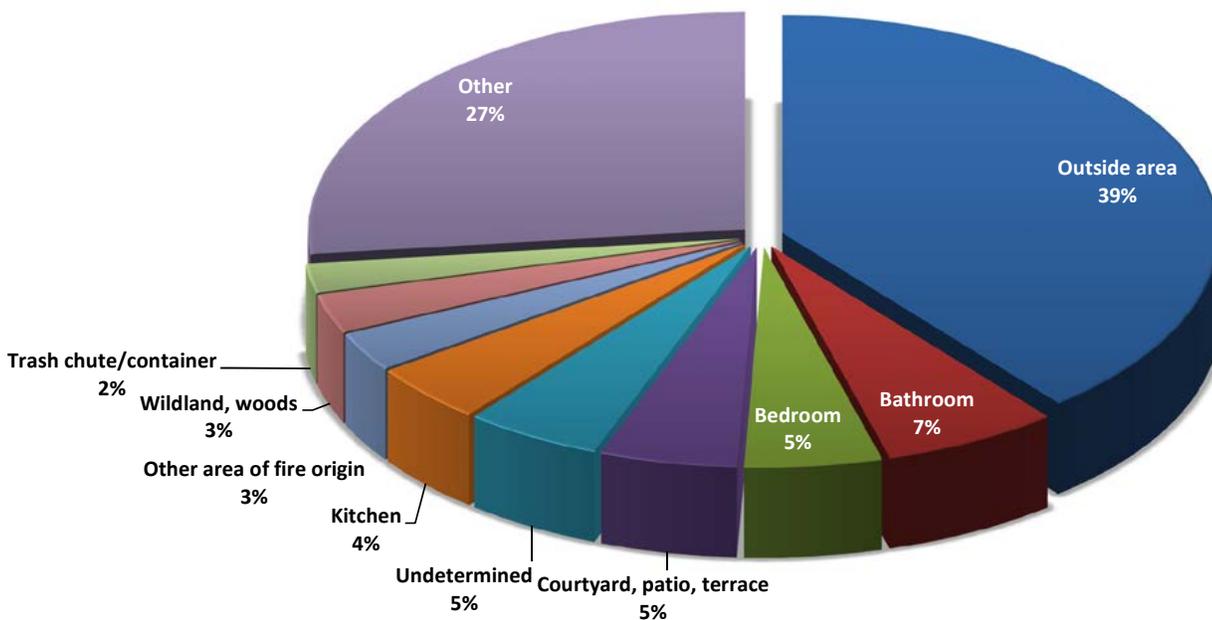
The largest percentage (46%) of all fires involving youth occurred in residential dwellings. The following chart shows the property uses where fires involving youth started. Property types in the 'Other' category include streets, forests, parking areas, stadiums, crops, orchards, outbuildings, and sheds (which includes detached houses, manufactured homes, duplexes, apartments, and townhouses).

2016 Fires Involving Youth by Property Use



Half 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.

2016 Fires Involving Youth by Area of Origin



Sixty-one 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:

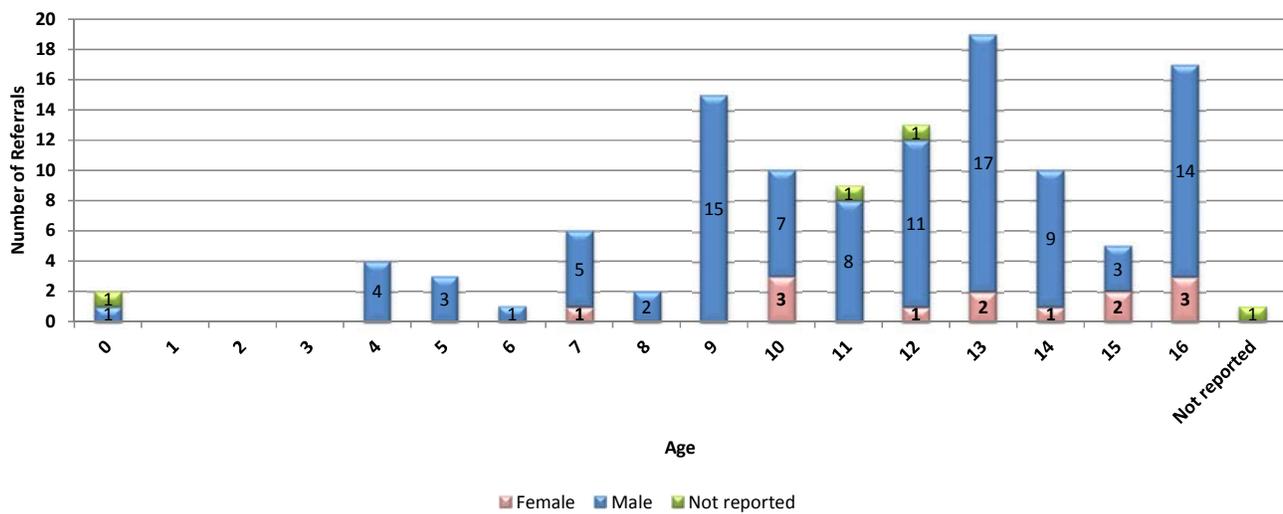
| | |
|--------------------------------|------------------------------------|
| ALBANY FD | LOWELL RFPD |
| ALFALFA FIRE DISTRICT | LYONS RFPD |
| ASHLAND F&R | MARION COUNTY FIRE DISTRICT |
| AUMSVILLE RFPD | MID-COLUMBIA F&R |
| BEND FD | MILTON-FREEWATER FD |
| CLACKAMAS CO FIRE DIST #1 | MILTON-FREEWATER RURAL FD |
| COOS BAY FIRE DEPARTMENT | NEWPORT FD |
| CORNELIUS FD | PENDLETON FIRE & AMBULANCE SERVICE |
| CORVALLIS FD | POLK CO FIRE DIST NO 1 |
| CROOK CO F&R | PORTLAND BUREAU OF F&R&EMS |
| DOUGLAS CO FIRE DIST #2 | REDMOND F&R |
| EAST UMATILLA CO RFPD | RURAL METRO FD |
| EUGENE SPRINGFIELD FIRE | SALEM FD |
| FOREST GROVE F&R | SHERIDAN FD |
| GRANTS PASS DEPT PUBLIC SAFETY | SILETZ RFPD |
| GRESHAM FIRE & EMERG SRVCS | SILVERTON RFPD |
| HARBOR RFPD | SISTERS-CAMP SHERMAN RFPD |
| HILLSBORO FD | SOUTH LANE COUNTY F&R |
| ILLINOIS VALLEY FIRE DIST | STAYTON FIRE DISTRICT |
| JACKSON CO FD #3 | SUBLIMITY FIRE DISTRICT |
| JACKSON CO RFPD #4 | SUNRIVER FIRE DEPARTMENT |
| JEFFERSON CO RFPD #1 | TILLAMOOK FIRE DIST |
| JEFFERSON RFPD | TRI CITY FIRE DIST #4 (DOUG) |
| JOSEPH FD | TUALATIN VALLEY F&R |
| JUNCTION CITY RFPD | TYGH VALLEY VOL FD |
| KEIZER FIRE DIST | UMATILLA RFPD |
| KLAMATH CO FIRE DIST #1 | WAMIC RFPD |
| LA GRANDE FD | WARM SPRINGS FIRE SFTY |
| LAKE OSWEGO FIRE DEPARTMENT | WINSTON-DILLARD FIRE DIST |
| LAKEVIEW FD | WOODBURN FIRE DIST |
| LANE FIRE AUTHORITY | |

YOUTH-INVOLVED WITH FIRE – INTERVENTIONS

In 2016, 117 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 youth-involved with fire module in the Oregon Fire & EMS Bridge™.

2016 Ages and Gender of Youth-Involved with Fire

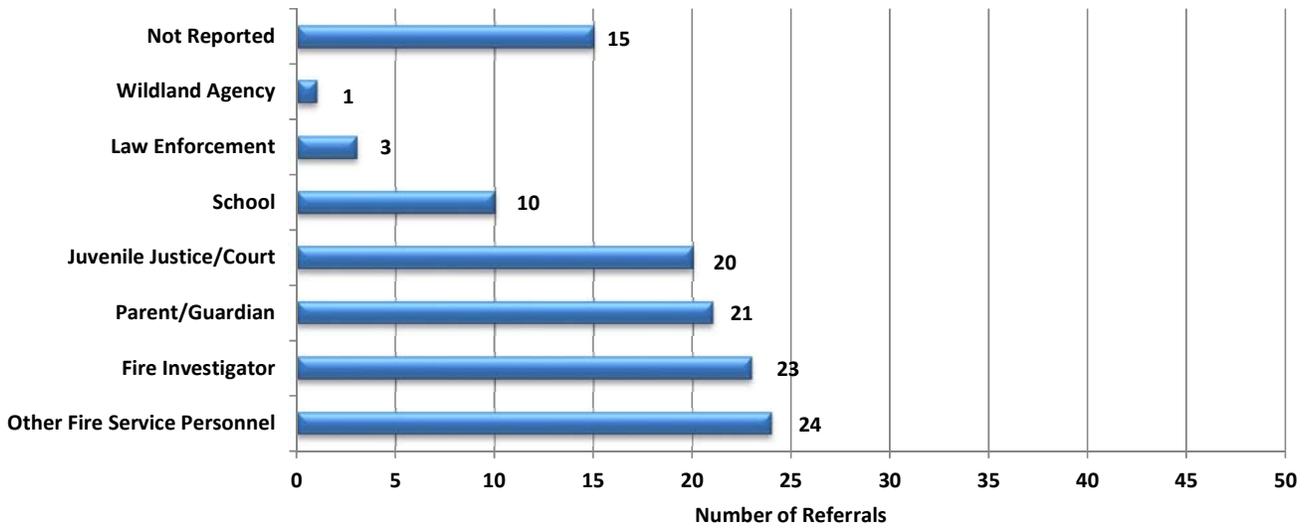


| Gender/ Age | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | Not reported | Total |
|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|--------------|------------|
| Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 1 | 2 | 1 | 2 | 3 | 0 | 13 |
| Male | 1 | 0 | 0 | 0 | 4 | 3 | 1 | 5 | 2 | 15 | 7 | 8 | 11 | 17 | 9 | 3 | 14 | 0 | 100 |
| Not reported | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 4 |
| Total | 2 | 0 | 0 | 0 | 4 | 3 | 1 | 6 | 2 | 15 | 10 | 9 | 13 | 19 | 10 | 5 | 17 | 1 | 117 |

This graph indicates that a third of youth-involved in misusing fire are ages 11-13. Determining their ages helps establish a target group for prevention and intervention programs.

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.

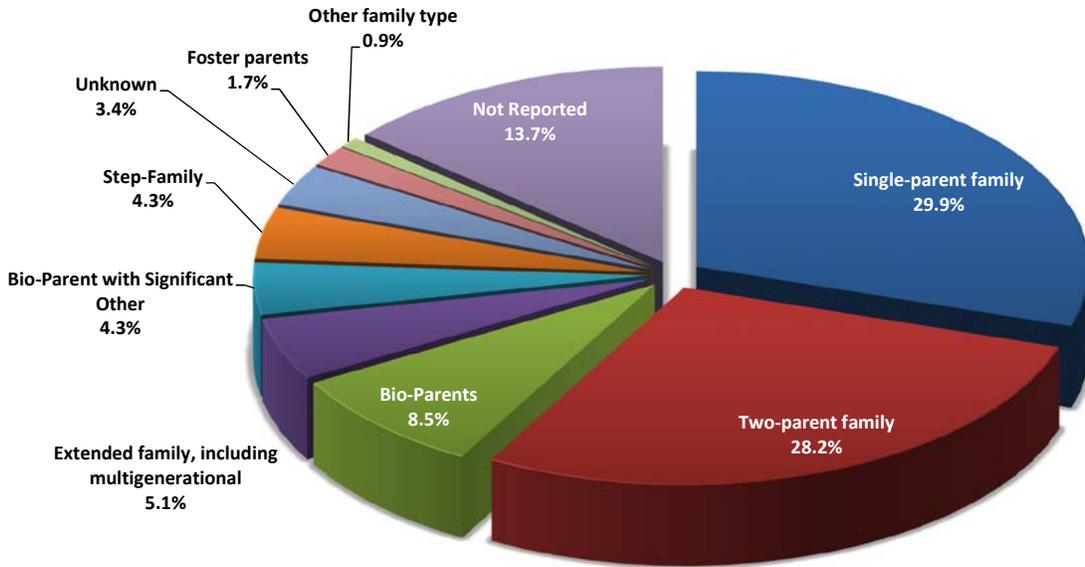
2016 Sources of Youth Referrals to the Fire Service



| Referral Source | Count | % |
|------------------------------|------------|---------------|
| Other Fire Service Personnel | 24 | 20.5% |
| Fire Investigator | 23 | 19.7% |
| Parent/Guardian | 21 | 17.9% |
| Juvenile Justice/Court | 20 | 17.1% |
| School | 10 | 8.5% |
| Law Enforcement | 3 | 2.6% |
| Wildland Agency | 1 | 0.9% |
| Not Reported | 15 | 12.8% |
| Total | 117 | 100.0% |

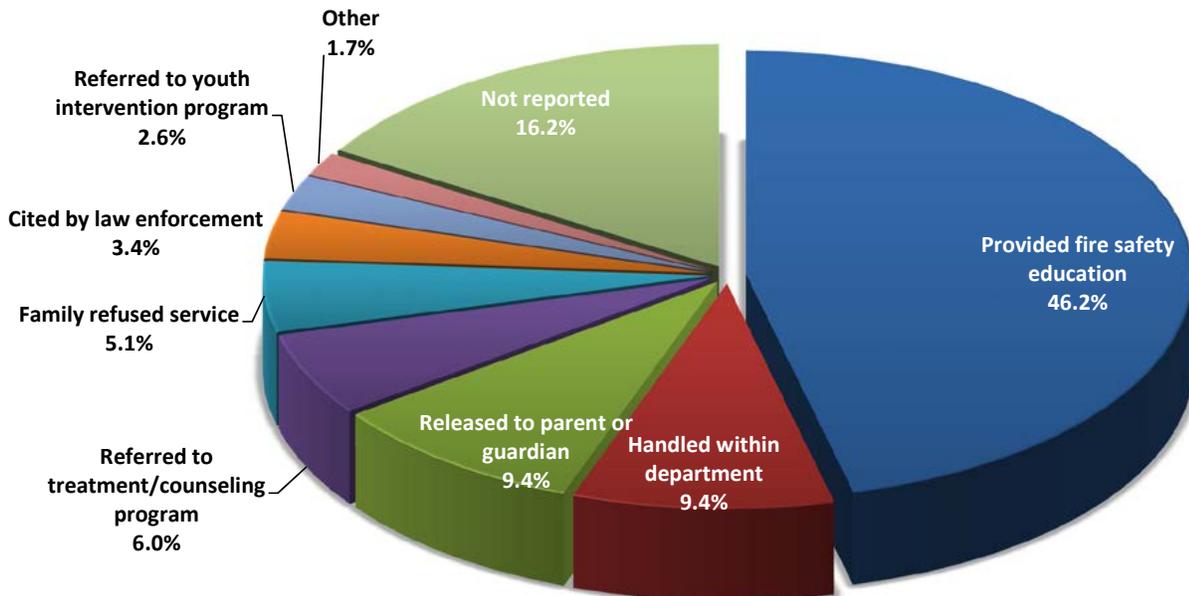
There are many combinations of family units in today's society. In 2016, of the 117 reported youth-involved with fire, the largest percentage (48%) of youth misusing fire lived in combinations where two adults were in the home.

2016 Family Types of Youth-Involved with Fire



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 services.

2016 Intervention Resources Used

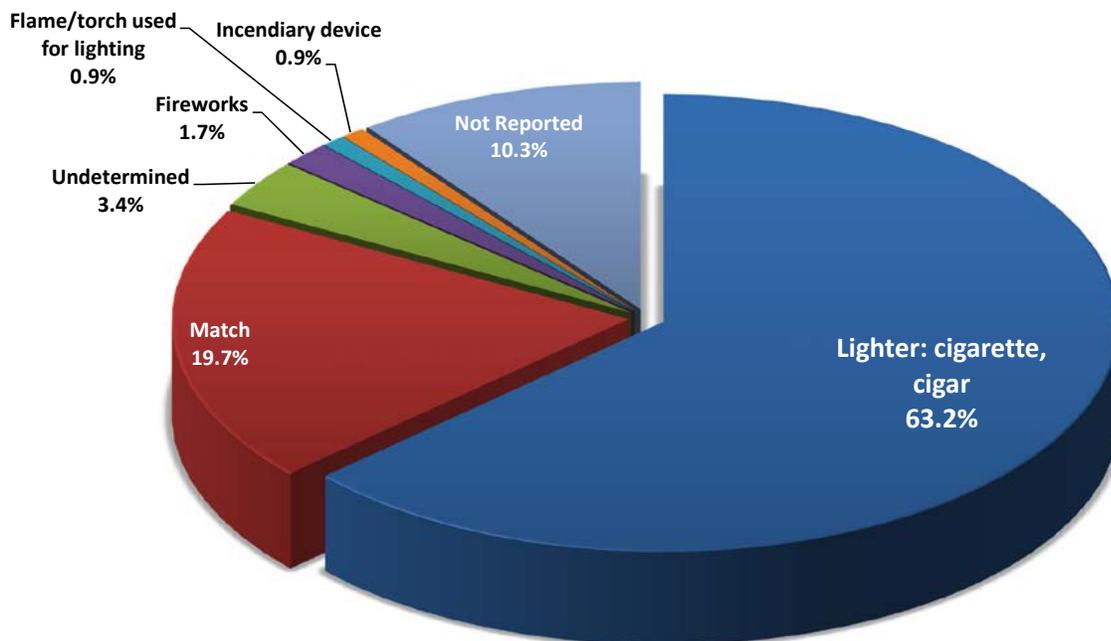


By the time a youth is referred to a fire agency for intervention, or a fire has gotten out of control, a history of misusing fire has already been established. 35% of youth interventions in 2016 indicated prior experiences with fire. These youths reported a total of 133 fire experiences.

| Previous Fires Set | # of Youth | % |
|--------------------|------------|---------------|
| None | 72 | 61.5% |
| 1 | 11 | 9.4% |
| 2 | 15 | 12.8% |
| 3 | 3 | 2.6% |
| 4 | 3 | 2.6% |
| 5 | 6 | 5.1% |
| 7 | 3 | 2.6% |
| 20 | 1 | 0.9% |
| Not Reported | 3 | 2.6% |
| Total | 117 | 100.0% |

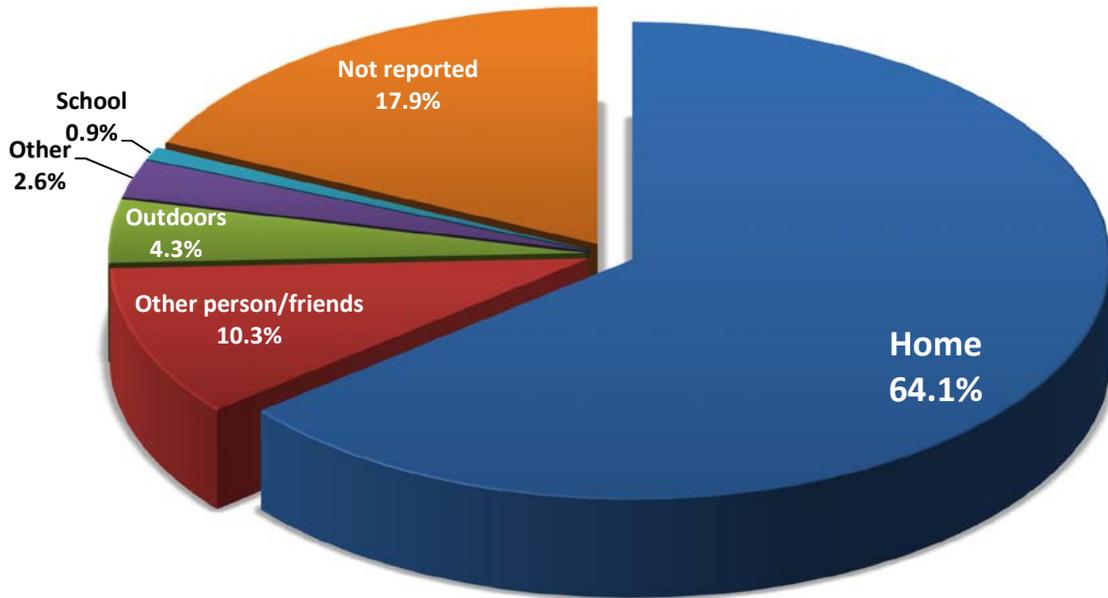
| Accelerant Used | Total | % |
|-----------------|------------|---------------|
| Not Reported | 107 | 91.5% |
| Gasoline | 8 | 6.8% |
| Aerosol | 1 | 0.9% |
| Kerosene | 1 | 0.9% |
| Total | 117 | 100.0% |

2016 Ignition Source of Youth-Involved with Fire

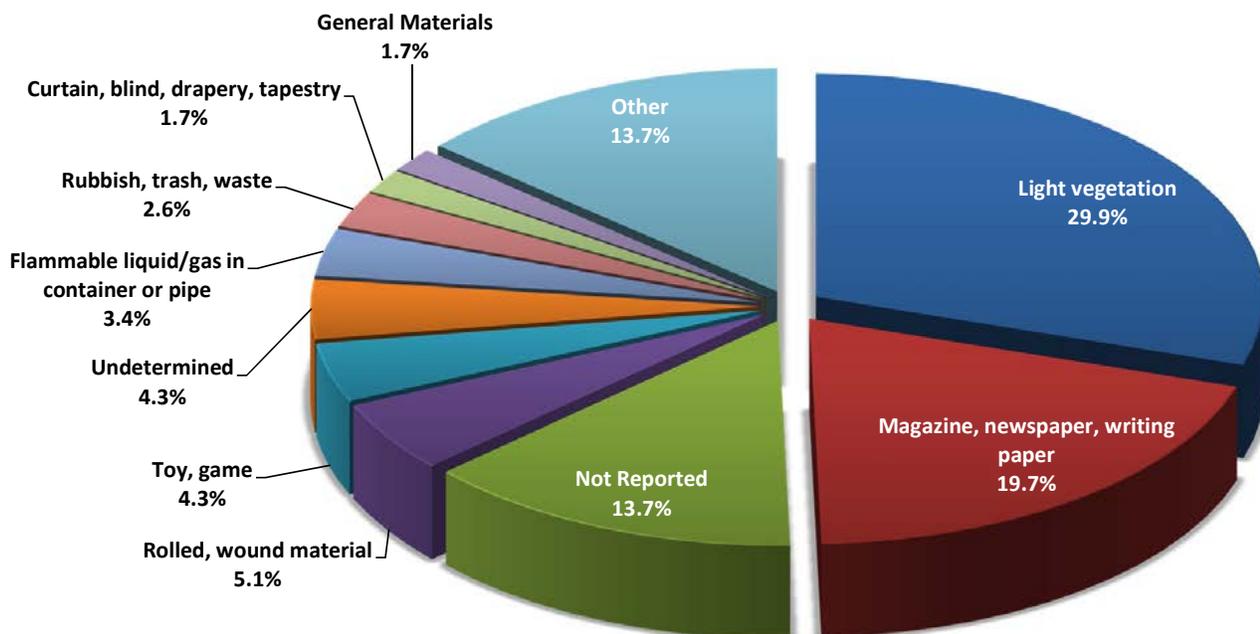


Matches and lighters continue to be the most common sources of ignition.

2016 Where Ignition Source was Obtained



2016 Top 10 Items Ignited by Youth-Involved with Fire



Sixty-four 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.

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

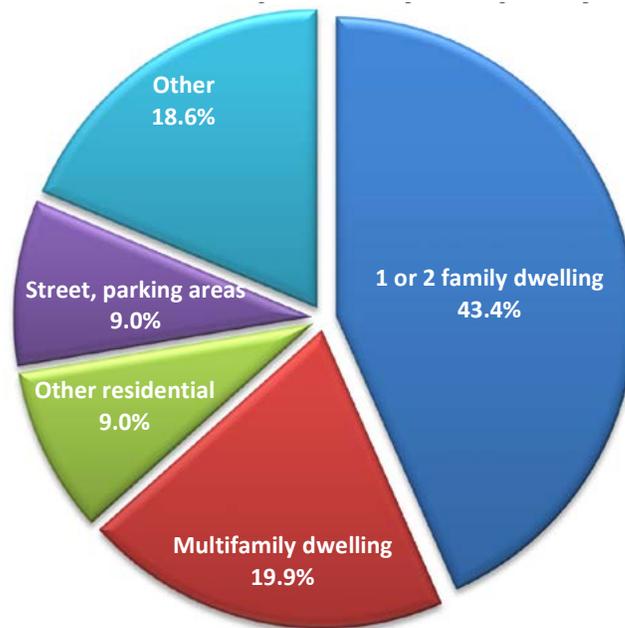
ALBANY FIRE DEPARTMENT
COOS BAY FIRE DEPARTMENT
CORVALLIS FIRE DEPARTMENT
HILLSBORO FIRE DEPARTMENT
JACKSON COUNTY FIRE DISTRICT #3
JEFFERSON COUNTY FIRE DISTRICT #1
KLAMATH COUNTY FIRE DISTRICT #1
LAKE OSWEGO FIRE DEPARTMENT
MEDFORD FIRE & RESCUE
OREGON OFFICE OF STATE FIRE MARSHAL
PORTLAND FIRE BUREAU
REDMOND FIR & RESCUE
SALEM FIRE DEPARTMENT
SISTERS-CAMP SHERMAN FIRE DISTRICT
STAYTON 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.

2016 Total Civilian Fire Casualties 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 | 111 | 41.7% | 24 | 53.3% | 135 | 43.4% |
| Multifamily dwelling | 60 | 22.6% | 2 | 4.4% | 62 | 19.9% |
| Other residential | 24 | 9.0% | 4 | 8.9% | 28 | 9.0% |
| Street, parking areas | 15 | 5.6% | 13 | 28.9% | 28 | 9.0% |
| Other | 56 | 21.1% | 2 | 4.4% | 58 | 18.6% |
| Total | 266 | 100.0% | 45 | 100.0% | 311 | 100.0% |

Civilian Fire Fatalities

As of March 31, 2017, 11 fire fatalities reported in 2016 had not been confirmed by the Medical Examiner's Office and are subsequently not included in the following two charts. Eight of those were reported to have occurred in residential fires.

There were 34 confirmed fire-related deaths in 2016. Of these, 19 occurred in unintentional residential structure fires including all residential property types. The cause in those fires was undetermined or under investigation in four incidents. Eleven deaths resulted from non-residential fires, three were from intentional fires, and one death was a suicide. The OSFM focuses its fatality data analysis on understanding the causes and circumstances of unintentional residential structure fires.

2016 Confirmed Civilian Fire Fatalities in Oregon - Unintentional Residential

| Incident Type | County | Age | Gender | Cause of Fire |
|---|------------|-----|--------|--|
| House Fire | Polk | 83 | F | Combustibles too Close |
| Apartment Fire | Linn | 70 | F | Cooking Fire |
| House Fire | Josephine | 71 | F | Flammable Liquid - Wood Stove |
| House Fire | Clackamas | 27 | M | Heat Source or Product Missuse |
| House Fire | Clackamas | 88 | M | Heat Source or Product Missuse |
| House Fire | Lane | 74 | M | Smoking |
| House Fire | Multnomah | 66 | M | Smoking |
| House Fire | Lane | 59 | M | Smoking |
| House Fire | Benton | 45 | M | Smoking |
| House Fire | Washington | 64 | M | Smoking |
| Hotel/Motel Fire | Lincoln | 52 | F | Smoking |
| Hotel/Motel Fire | Lincoln | 60 | F | Smoking |
| Hotel/Motel Fire | Lincoln | 64 | M | Smoking |
| Hotel/Motel Fire | Lincoln | 64 | M | Smoking |
| House Fire | Washington | 56 | F | Smoking |
| House Fire | Clackamas | 62 | M | Under Investigation |
| House Fire | Multnomah | 84 | F | Under Investigation |
| House Fire | Multnomah | 60 | M | Under Investigation |
| House Fire | Umatilla | 59 | M | Undetermined: Multiple open flame/heat sources |
| Unintentional Residential Fire Deaths: | | | | 19 |

In 2016, the majority (74%) of confirmed residential fire victims were age 50 and older, eight were between the ages 18 and 49, and one was under the age of 18.

Cigarettes and smoking were the leading cause of fatal fires in 2016, responsible for 53% of confirmed residential fire deaths and 32% of all confirmed fire deaths.

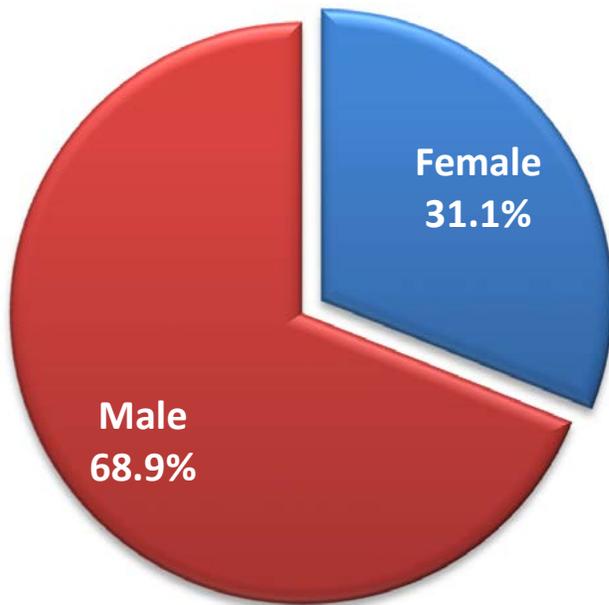
2016 Confirmed Civilian Fire Fatalities in Oregon - Intentional and Non-Residential

| Incident Type | County | Age | Gender | Cause of fire |
|---|---------------|------------|---------------|------------------------|
| RV Fire | Douglas | 59 | M | Combustibles too Close |
| RV Fire | Marion | 20 | F | Combustibles too Close |
| RV Fire | Marion | 1 | M | Combustibles too Close |
| House Fire | Multnomah | 72 | M | Incendiary |
| House Fire | Washington | 74 | F | Incendiary |
| House Fire | Jackson | 61 | F | Incendiary |
| RV Fire | Marion | 28 | M | MVA with Fire |
| Vehicle Fire | Curry | 49 | M | MVA with Fire |
| Vehicle Fire | Klamath | 21 | M | MVA with Fire |
| Vehicle Fire | Lincoln | 27 | M | MVA with Fire |
| Vehicle Fire | Lake | 60 | M | MVA with Fire |
| Vehicle Fire | Lane | 62 | M | MVA with Fire |
| RV Fire | Umatilla | 70 | M | Smoking |
| House Fire | Yamhill | 60 | F | Suicide |
| RV Fire | Tillamook | 40 | F | Under Investigation |
| Confirmed Intentional/Non-Residential Fire Deaths: | | | | 15 |
| Total Confirmed Oregon Fire Deaths: | | | | 34 |

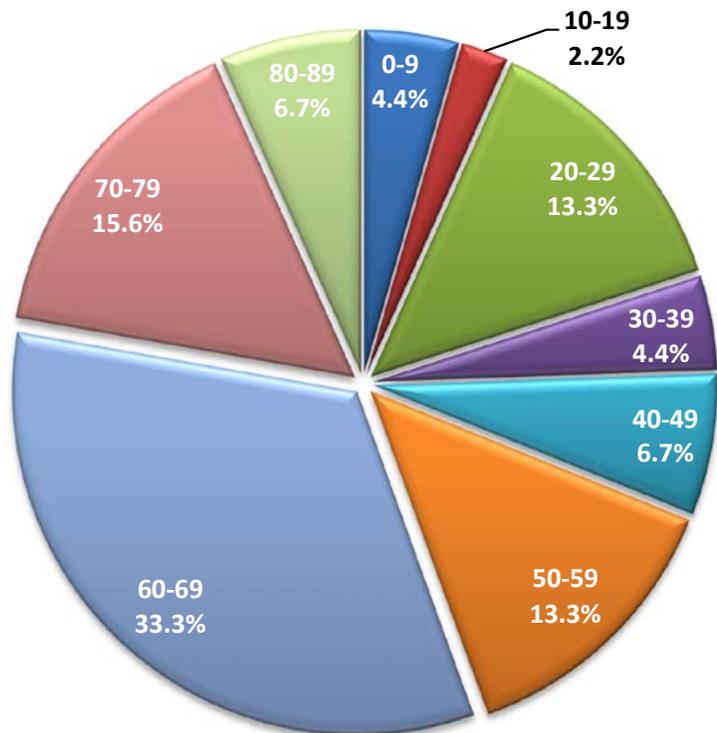
CIVILIAN FIRE FATALITIES

The following charts reflect the 45 total fire fatalities reported by Oregon fire agencies. As of March 31, 2017, eleven of these fatalities have not been confirmed by the Medical Examiner's Office.

2016 Fire Fatalities by Gender

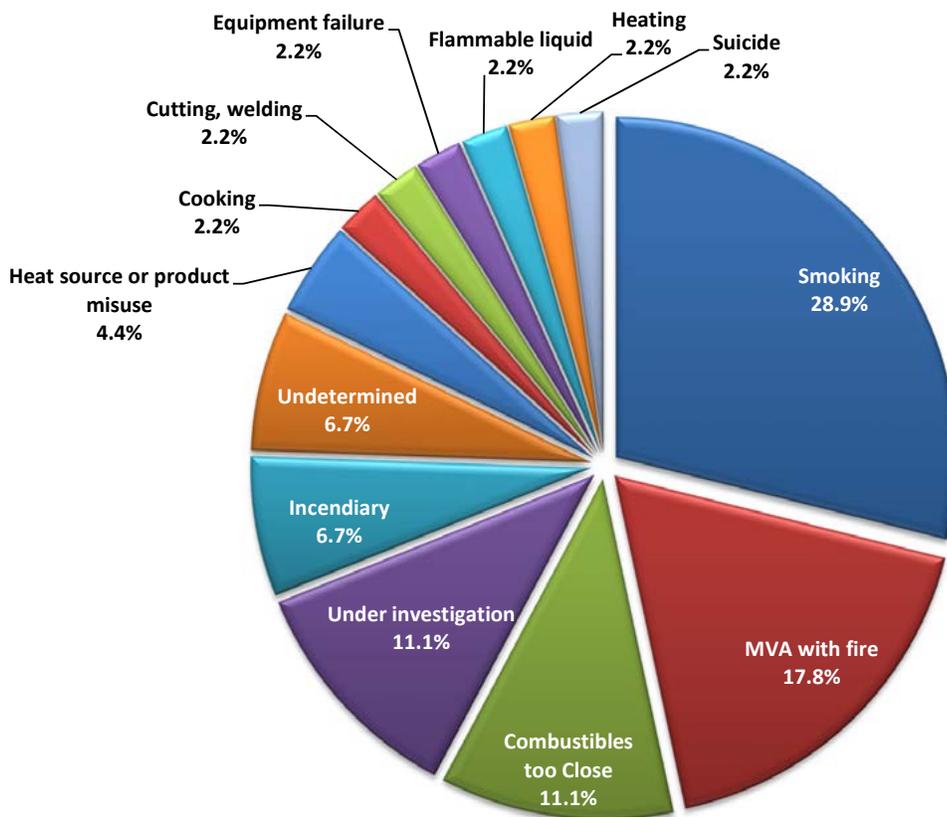


2016 Fire Fatalities by Age Group



CIVILIAN FIRE FATALITIES

2016 Cause of Fires in Fatalities

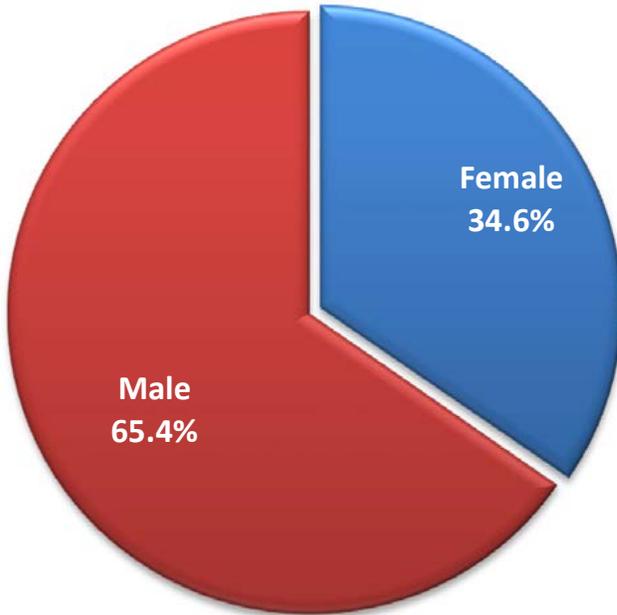


| Fire Cause | Deaths | % |
|-------------------------------|-----------|---------------|
| Smoking | 13 | 28.9% |
| MVA with fire | 8 | 17.8% |
| Combustibles too close | 5 | 11.1% |
| Under investigation | 5 | 11.1% |
| Incendiary | 3 | 6.7% |
| Undetermined | 3 | 6.7% |
| Heat source or product misuse | 2 | 4.4% |
| Cooking | 1 | 2.2% |
| Cutting, welding | 1 | 2.2% |
| Equipment failure | 1 | 2.2% |
| Flammable liquid | 1 | 2.2% |
| Heating | 1 | 2.2% |
| Suicide | 1 | 2.2% |
| Total | 45 | 100.0% |

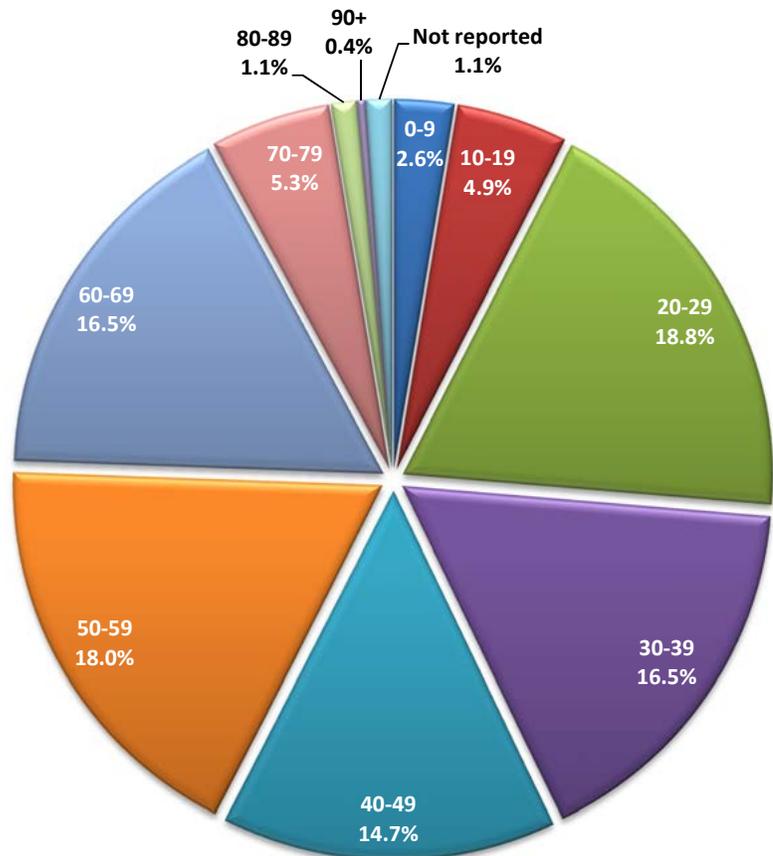
CIVILIAN FIRE INJURIES

The following charts reflect the 266 fire related injuries reported by Oregon fire agencies.

2016 Fire Injuries by Gender

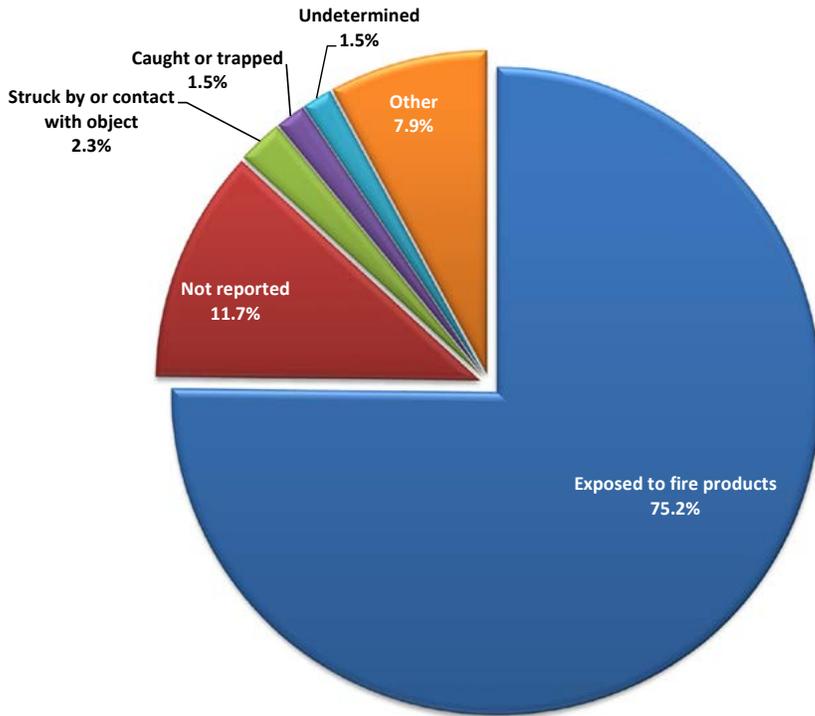


2016 Fire Injuries by Age Group

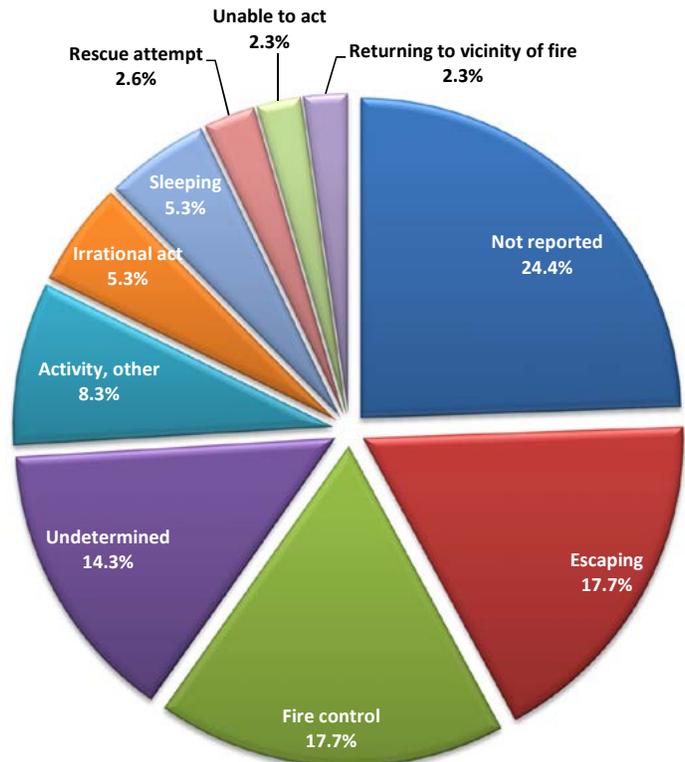


CIVILIAN FIRE INJURIES

2016 Causes of Fire Injuries

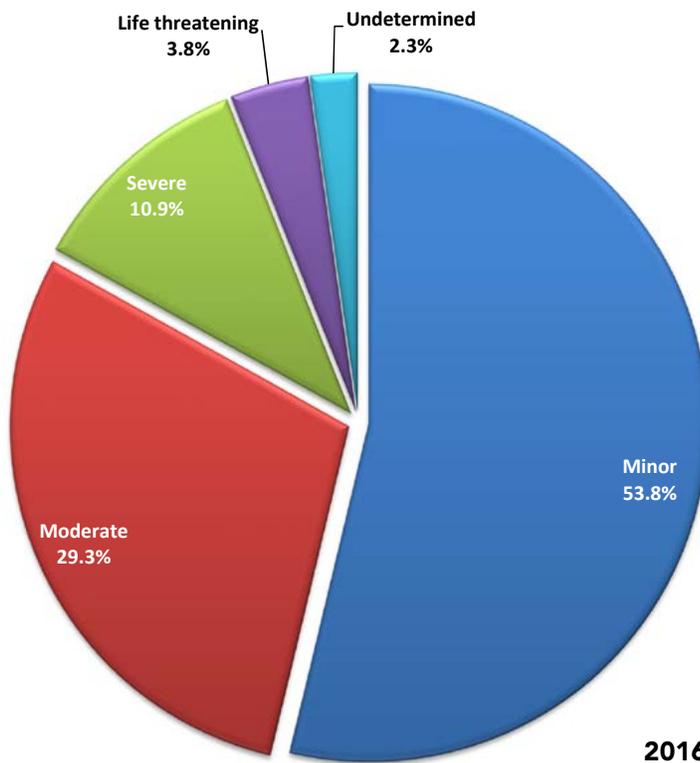


2016 Activity at Time of Injury

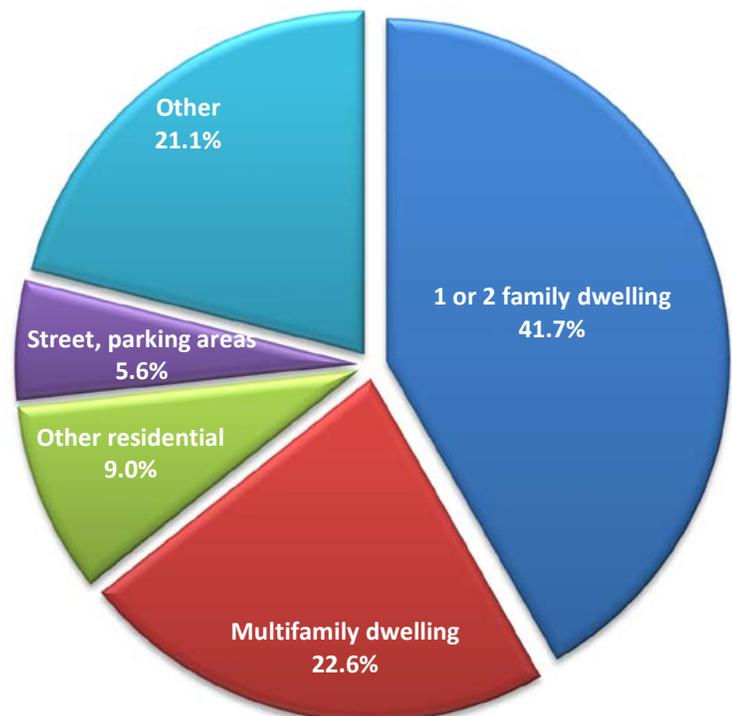


CIVILIAN FIRE INJURIES

2016 Severity of Fire Injuries



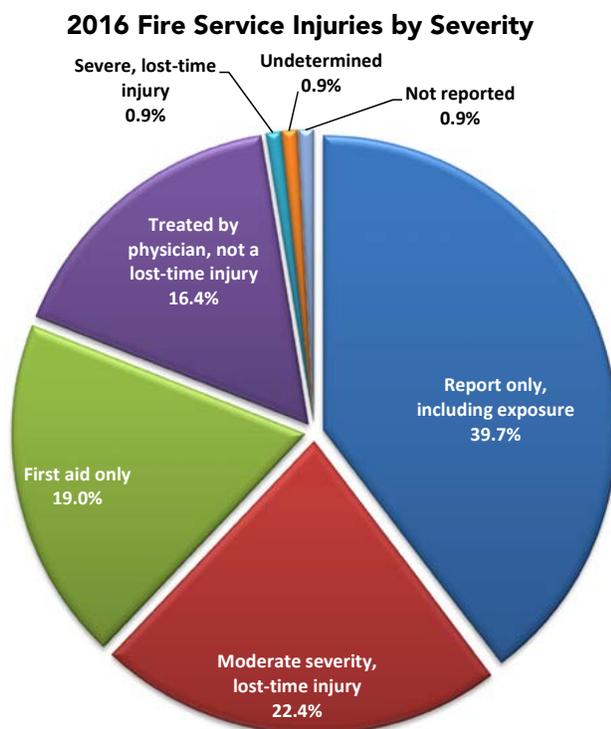
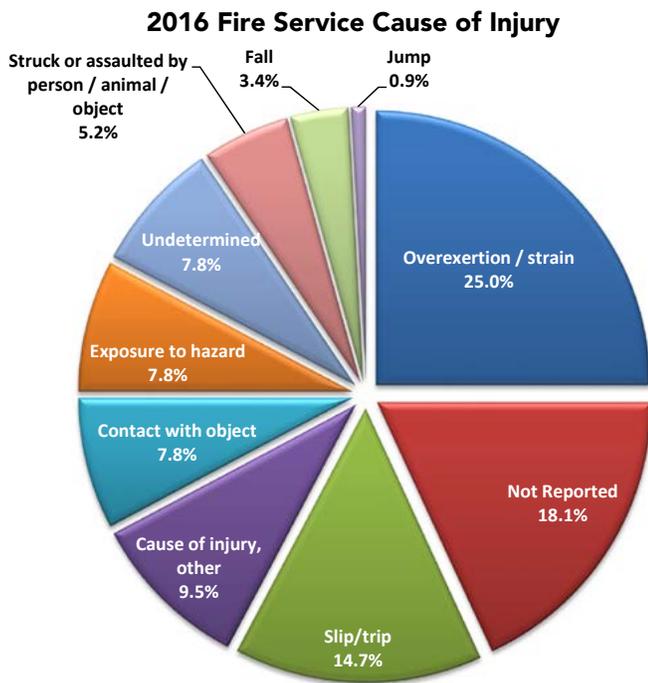
2016 Civilian Fire Injuries by Property Use



FIRE SERVICE CASUALTIES

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

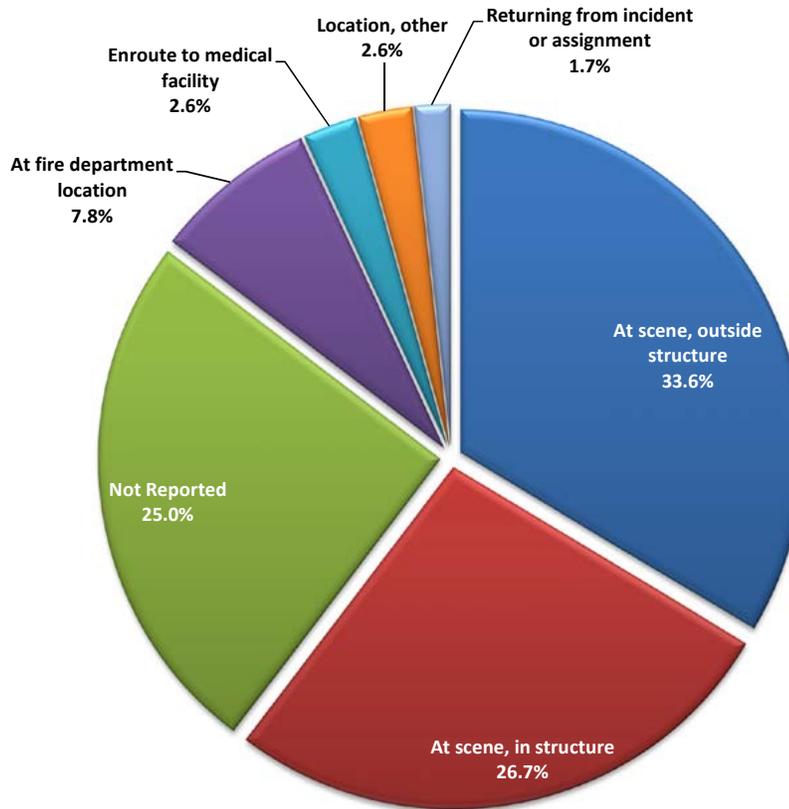
There were 116 fire service casualties reported in 2016, none of which were deaths.



| Body Part Injured | Injuries | % |
|---|------------|---------------|
| Hand and fingers | 16 | 13.8% |
| Not Reported | 16 | 13.8% |
| Back, except spine | 14 | 12.1% |
| Knee | 8 | 6.9% |
| Multiple body parts, whole body | 6 | 5.2% |
| Shoulder | 6 | 5.2% |
| Ankle | 5 | 4.3% |
| Head, other | 5 | 4.3% |
| Spine | 5 | 4.3% |
| Eye | 4 | 3.4% |
| None | 4 | 3.4% |
| Leg, lower | 3 | 2.6% |
| Neck | 3 | 2.6% |
| Part of body, other | 3 | 2.6% |
| Wrist | 3 | 2.6% |
| Ear | 2 | 1.7% |
| Hip, lower back, or buttocks | 2 | 1.7% |
| Leg, upper | 2 | 1.7% |
| Elbow | 1 | 0.9% |
| Foot and toes | 1 | 0.9% |
| Heart | 1 | 0.9% |
| Mouth, included are lips, teeth, and interior | 1 | 0.9% |
| Multiple body parts, upper body | 1 | 0.9% |
| Pelvis or groin | 1 | 0.9% |
| Thorax, other | 1 | 0.9% |
| Throat | 1 | 0.9% |
| Trachea and lungs | 1 | 0.9% |
| Total | 116 | 100.0% |

FIRE SERVICE CASUALTIES

2016 Where Fire Service Injuries Occurred

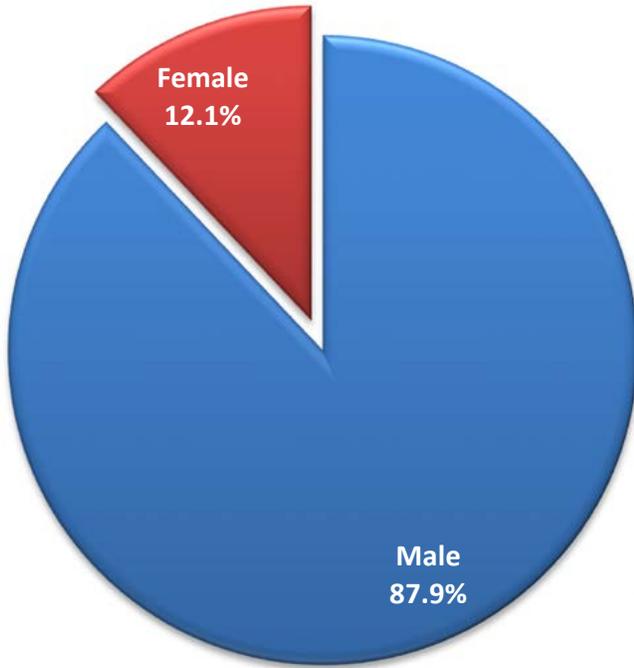


| Casualty Factor | Injuries | % |
|--|----------|-------|
| Not Reported | 42 | 36.2% |
| None | 25 | 21.6% |
| Contributing factor, other | 7 | 6.0% |
| Undetermined | 7 | 6.0% |
| Fire progress, including smoky conditions | 5 | 4.3% |
| Icy surface | 5 | 4.3% |
| Loose material on surface | 5 | 4.3% |
| Slippery or uneven surfaces | 4 | 3.4% |
| Uneven surface, included are holes in the ground | 4 | 3.4% |
| Vehicle or apparatus | 3 | 2.6% |

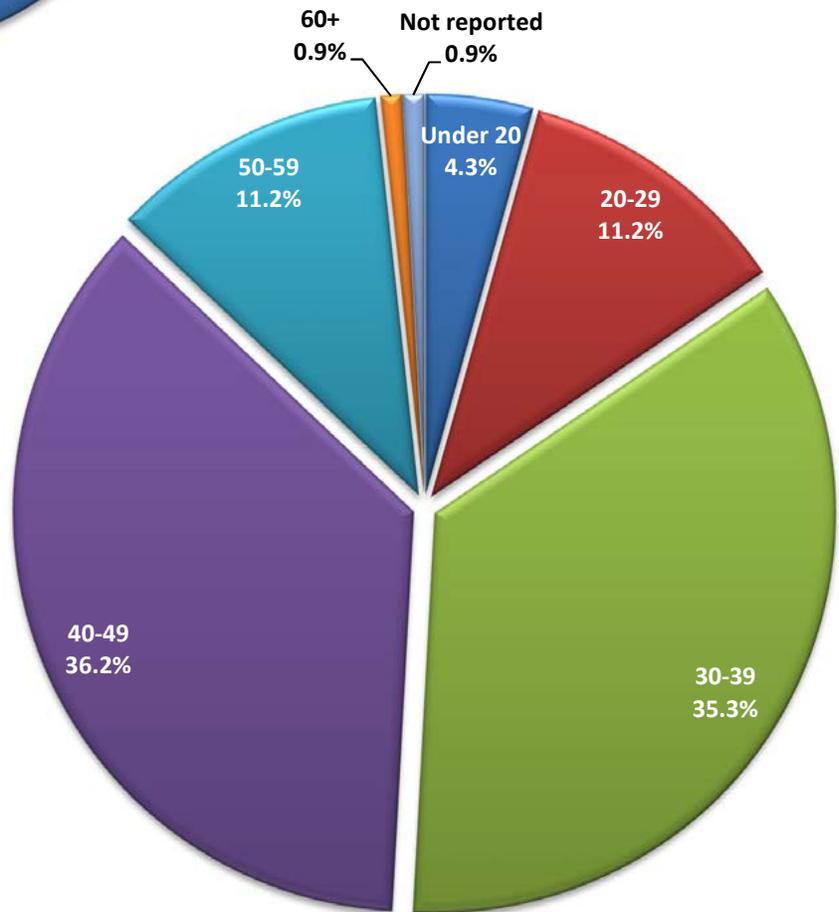
| Casualty Factor | Injuries | % |
|--|------------|---------------|
| Fire development | 2 | 1.7% |
| Hostile acts | 2 | 1.7% |
| Wet surface, included are water/ soap/foam, etc. | 2 | 1.7% |
| Ceiling collapse | 1 | 0.9% |
| Firefighter standing on apparatus | 1 | 0.9% |
| Stair collapse | 1 | 0.9% |
| Total | 116 | 100.0% |

FIRE SERVICE CASUALTIES

2016 Fire Service Injuries by Gender



2016 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 departments. 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 both demographic information about 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 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 departments, 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 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, or call 503-934-8353.

Hazardous Substance Storage

FACILITIES REPORTING

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

This table lists the top ten specific industry classifications with the most facilities that were sent a survey in 2016.

| NAICS Code | NAICS Description | Facilities |
|------------|---|------------|
| 517212 | Cellular and other wireless telecommunication | 1806 |
| 921190 | Other general gov support | 992 |
| 517110 | Wired telecommunications carriers | 464 |
| 611110 | Elementary and secondary schools | 397 |
| 424710 | Petroleum bulk stations and terminals | 295 |
| 811111 | General automotive repair | 261 |
| 441310 | Automotive parts and accessories stores | 252 |
| 447110 | Gasoline stations with convenience stores | 218 |
| 221122 | Electric power distribution | 189 |
| 411110 | New car dealers | 171 |

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

| County | Surveys Sent | Surveys Received | Compliance Rate |
|--------------|---------------|------------------|-----------------|
| Baker | 140 | 137 | 97.9% |
| Benton | 271 | 264 | 97.4% |
| Clackamas | 959 | 920 | 95.9% |
| Clatsop | 188 | 183 | 97.3% |
| Columbia | 187 | 180 | 96.3% |
| Coos | 336 | 330 | 98.2% |
| Crook | 103 | 98 | 95.1% |
| Curry | 124 | 120 | 96.8% |
| Deschutes | 574 | 548 | 95.5% |
| Douglas | 513 | 489 | 95.3% |
| Gilliam | 39 | 39 | 100.0% |
| Grant | 71 | 65 | 91.5% |
| Harney | 80 | 73 | 91.3% |
| Hood River | 107 | 103 | 96.3% |
| Jackson | 601 | 585 | 97.3% |
| Jefferson | 113 | 94 | 83.2% |
| Josephine | 227 | 222 | 97.8% |
| Klamath | 396 | 370 | 93.4% |
| Lake | 98 | 83 | 84.7% |
| Lane | 1,104 | 1,071 | 97.0% |
| Lincoln | 249 | 236 | 94.8% |
| Linn | 490 | 473 | 96.5% |
| Malheur | 197 | 188 | 95.4% |
| Marion | 883 | 854 | 96.7% |
| Morrow | 118 | 116 | 98.3% |
| Multnomah | 1,880 | 1,796 | 95.5% |
| Polk | 180 | 173 | 96.1% |
| Sherman | 53 | 52 | 98.1% |
| Tillamook | 160 | 153 | 95.6% |
| Umatilla | 354 | 341 | 96.3% |
| Union | 156 | 152 | 97.4% |
| Wallowa | 65 | 63 | 96.9% |
| Wasco | 153 | 145 | 94.8% |
| Washington | 1,136 | 1,085 | 95.5% |
| Wheeler | 24 | 24 | 100.0% |
| Yamhill | 310 | 297 | 95.8% |
| Total | 12,639 | 12,122 | 95.9% |

FACILITIES REPORTING

Hazard Class Reporting Frequency

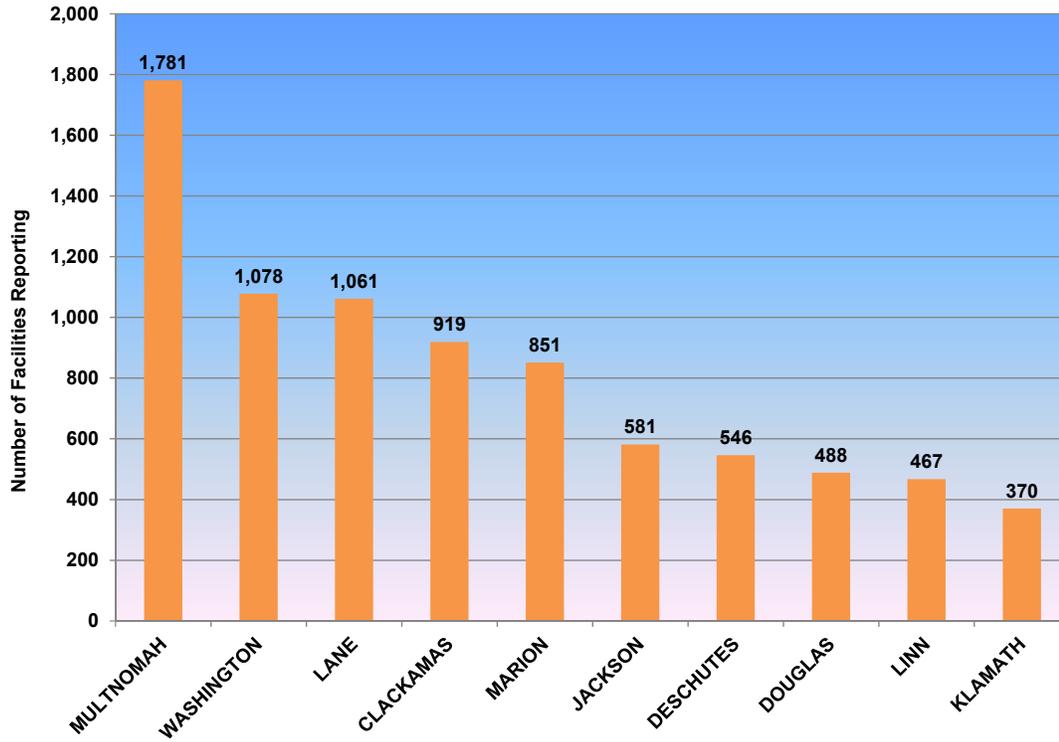
Facilities reporting substances on the survey must also report the hazard class associated with the substance. Hazard classes used for reporting are mainly United States Department of Transportation (USDOT) hazard class codes, along with several custom codes used only by the Oregon Community Right To 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 13,887 times on the survey in 2016.

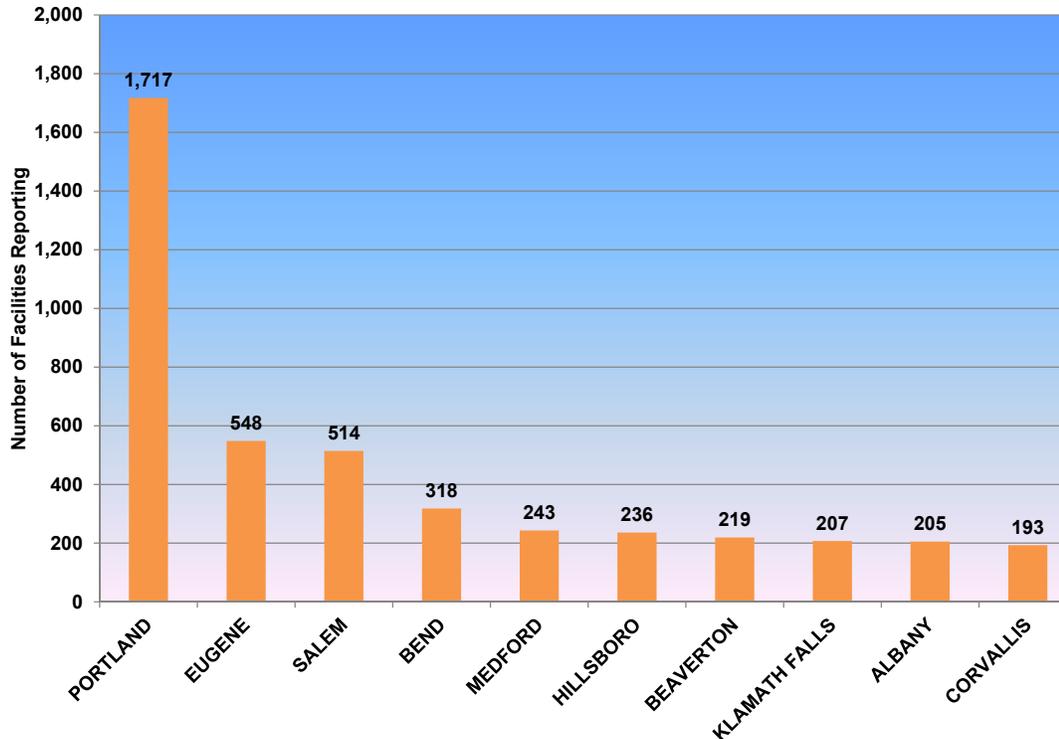
| Hazard Class Code | Hazard Class Description | Number of Times Hazard Class Reported |
|-------------------|---|---------------------------------------|
| 6.3 | Acute Health Hazard | 13,887 |
| 3.0 | Flammable and Combustible Liquid | 6,747 |
| 4.5 | Combustible Material | 5,173 |
| 9.0 | Miscellaneous Hazardous Material | 4,376 |
| 2.2 | Non-flammable Gas | 3,789 |
| 2.1 | Flammable Gas | 3,634 |
| 5.1 | Oxidizers | 2,197 |
| 8.0 | Corrosive Material | 1,970 |
| 6.4 | Chronic Health Hazard | 915 |
| 6.1 | Poisonous Material | 812 |
| 4.4 | Reactive Material | 794 |
| 2.3 | Poisonous Gas | 546 |
| 7.0 | Radioactive Material | 383 |
| 1.3 | Explosives (with predominately a fire hazard) | 272 |
| 6.5 | Pesticide | 231 |
| 4.1 | Flammable Solids | 138 |
| 4.3 | Dangerous When Wet | 123 |
| 1.4 | Explosives (with no significant blast hazard) | 59 |
| 1.1 | Explosives (with a mass explosion hazard) | 38 |
| 4.2 | Spontaneously Combustible Material | 35 |
| 1.5 | Very Insensitive Explosives; Blasting Agents | 28 |
| 5.2 | Organic Peroxides | 8 |
| 1.2 | Explosives (with a projection hazard) | 7 |
| 6.2 | Infectious Substance (Etiologic agent) | 1 |

FACILITIES REPORTING

Top Ten Counties with the Most Facilities Reporting

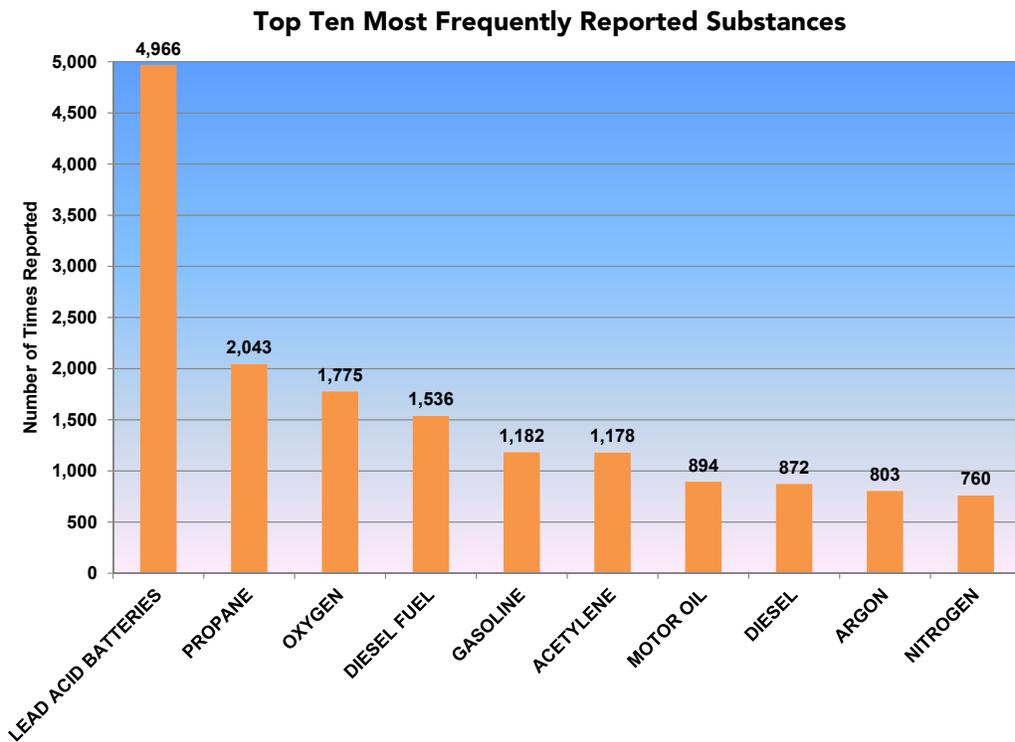


Top Ten Cities with the Most Facilities Reporting

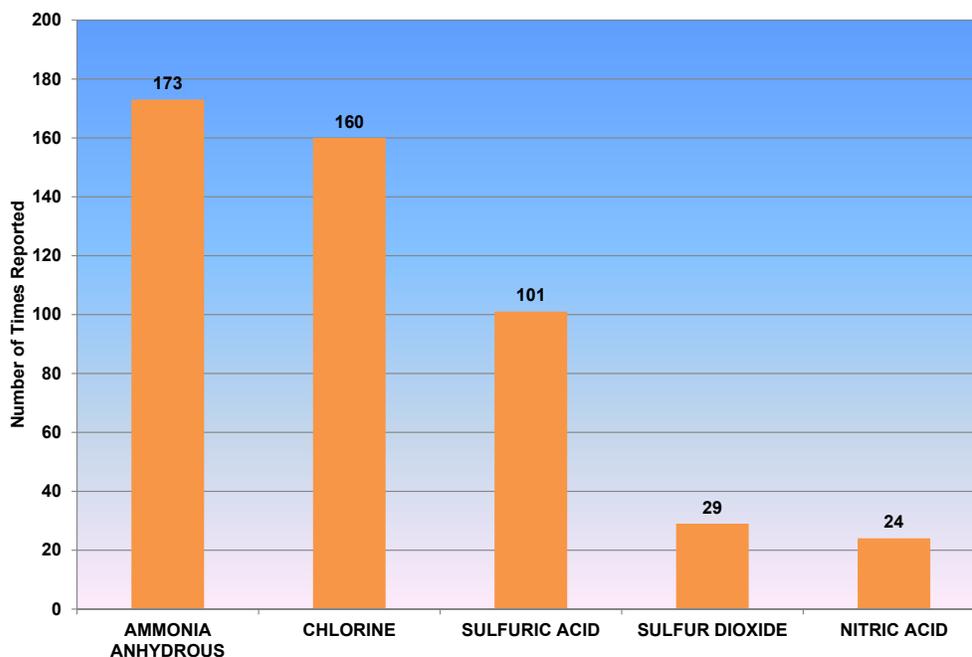


SUBSTANCES REPORTED

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.

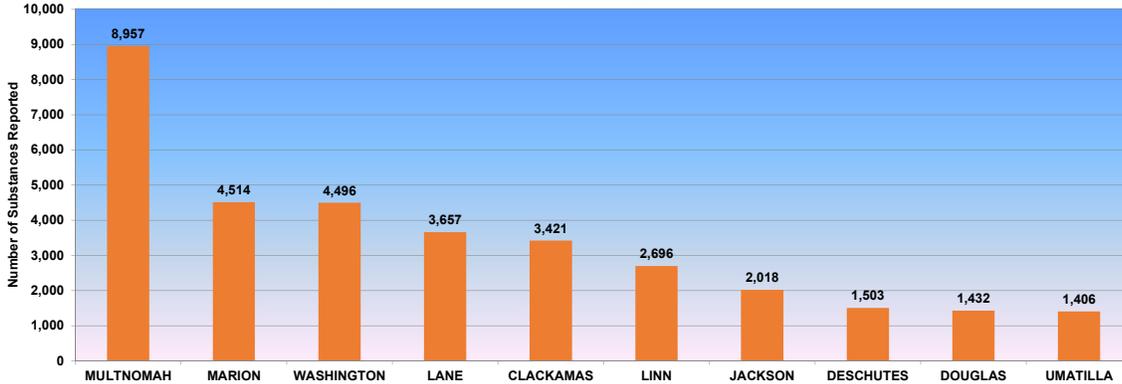


Top Five Most Frequently Reported Extremely Hazardous Substance (EHS)

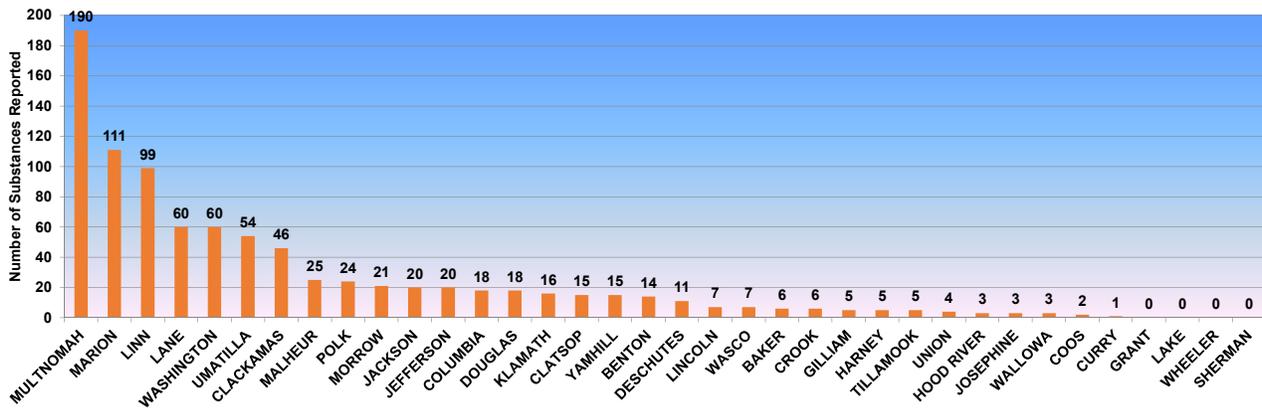


SUBSTANCES REPORTED

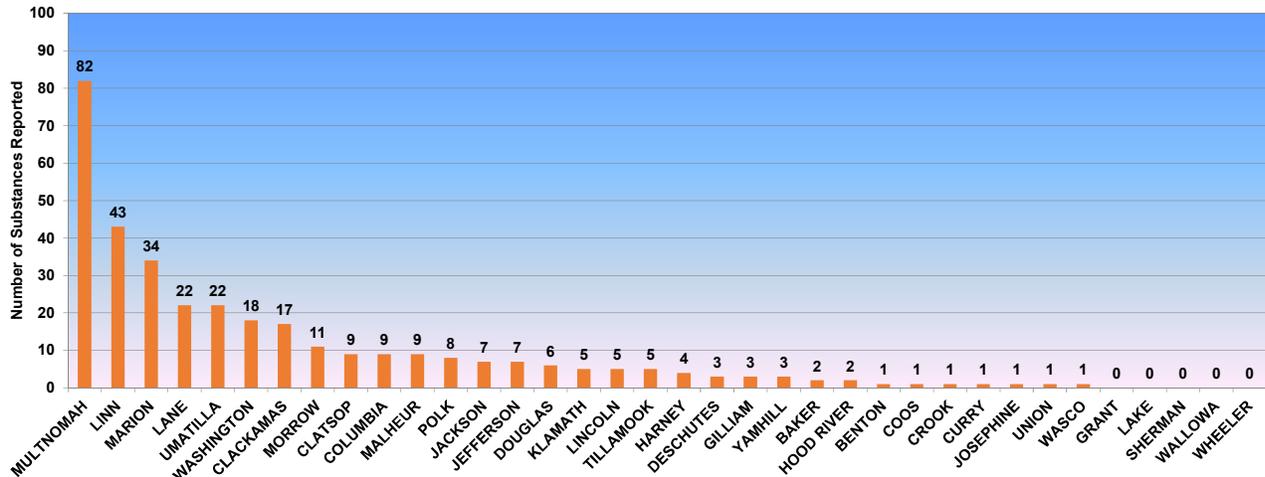
Top Ten Counties Reporting the Most Substances



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 | 16 | Bunker C Fuel Oil | 2 | Blu 20 | 1 |
| Diesel Fuel | 13 | Carbon Dioxide | 2 | Brown Sugar | 1 |
| Gasoline | 13 | Cooking Oil | 2 | Calcium Carbonate | 1 |
| Fertilizer 46-0-0 | 11 | Fertilizer 0-0-39-14s | 2 | Calcium Oxide | 1 |
| Lead Acid Batteries | 11 | Fertilizer 16-20-0 | 2 | Cement | 1 |
| Portland Cement | 9 | Fertilizer 16-20-0-13 | 2 | Cement Kiln Dust | 1 |
| Fertilizer Urea | 7 | Fertilizer 32-0-0 | 2 | Chevron Neutral Oil | 1 |
| Monoammonium Phosphate Fertilizer | 7 | Flour | 2 | Christy Minerals Calcined Flint | 1 |
| Diesel | 6 | Ground Limestone | 2 | Clays | 1 |
| Ethanol | 5 | Lead Acid Batteries-Dry | 2 | Coal | 1 |
| Fertilizer 11-52-0 | 5 | Muriate Of Potash | 2 | Coal Tar Pitch-Liquid | 1 |
| Fertilizer Ammonium Sulfate | 5 | Natural Gas | 2 | Corn | 1 |
| Wood Dust | 5 | Nitrogen Cryogenic | 2 | Corn Flour | 1 |
| Ammonium Sulfate | 4 | Phos-Chek Lc-95a | 2 | Crude Oil | 1 |
| Asphalt Liquid | 4 | Polyvinyl Chloride Resin | 2 | Denatured Ethanol | 1 |
| Aluminum Ingots | 3 | Potassium Chloride | 2 | Diatomaceous Earth | 1 |
| Ammonium Sulfate Fertilizer | 3 | Sand | 2 | Diesel Fuel 2 Ultra Low Sulfur | 1 |
| Black Liquor | 3 | Soda Ash | 2 | Diesel Oil | 1 |
| Diesel 2 | 3 | Wheat | 2 | Dolomite Lime | 1 |
| Fertilizer 0-0-60 | 3 | White Liquor | 2 | Eg-44 Clay | 1 |
| Fertilizer 0-0-62 | 3 | Abs Plastic | 1 | Fertilizer 0-0-20 K-Mag | 1 |
| Fertilizer 20-0-0-24 | 3 | Aerosil 90 | 1 | Fertilizer 0-0-60 Mop | 1 |
| Fertilizer 21-0-0 Ammonium Sulfate | 3 | Ag Lime | 1 | Fertilizer 0-0-60 Mur/Crs | 1 |
| Fertilizer Muriate Of Potash | 3 | Alcohol Denatured Fuel Grade | 1 | Fertilizer 10-34-0 | 1 |
| Green Liquor | 3 | Aluminum Oxide (Mny) | 1 | Fertilizer 12-0-0-26s | 1 |
| Jet A Fuel | 3 | Aluminum Oxide (P20) | 1 | Fertilizer 20-0-0 | 1 |
| Monoammonium Phosphate | 3 | Ammonia | 1 | Fertilizer 20-0-0-24s Plus Zinc | 1 |
| Motor Oil | 3 | Ammonium Phosphate | 1 | Fertilizer 21-0-0-24 | 1 |
| Peat Moss | 3 | Ammonium Phosphate Nitrate | 1 | Fertilizer Iron Sulfate | 1 |
| Ammonia Anhydrous | 2 | Asphalt | 1 | Fertilizer K-Mag | 1 |
| | | Asphalt Cement | 1 | Fertilizer Muriate Of Potash 0-0-62 | 1 |
| | | Barley | 1 | | |
| | | Biodiesel B5 | 1 | | |

| Chemical Name | Count |
|--|-------|
| Fertilizer Sul Po Mag | 1 |
| Fertilizer Un-32/Ns-1 | 1 |
| Fertilizer Uran 32-0-0 | 1 |
| Fly Ash | 1 |
| Fly Ash Class C | 1 |
| Grain Dust | 1 |
| Grains | 1 |
| Graphite | 1 |
| Green Diamond Sand | 1 |
| Green Liquor Dregs-Slaker Grits-Lime Mud | 1 |
| Hb Fuller HI0008 | 1 |
| Helium | 1 |
| Hydrogen Chloride | 1 |
| Iron Sulfate | 1 |
| Kingsford Charcoal Briquets | 1 |
| Kingsford Matchlight Briquets | 1 |
| Laticrete Sanded Grout | 1 |
| Laticrete Thinset Mortar | 1 |
| Laticrete Unsanded Grout | 1 |
| Lead Alloys And Scrap | 1 |
| Lead Oxide | 1 |
| Lignite | 1 |
| Lime | 1 |
| Lime Sludge | 1 |
| Limestone | 1 |
| Limestone Pelletized | 1 |
| Liquor Black Heavy | 1 |
| Liquor Black Weak | 1 |
| Liquor Green | 1 |
| Liquor White | 1 |
| Lubricating Oil | 1 |
| Marine Fuel Oil | 1 |
| Melamine | 1 |
| Metam Clr 42% | 1 |
| Methane | 1 |
| Microessentials Sz | 1 |

| Chemical Name | Count |
|--------------------------------|-------|
| Muriate Of Potash 0-0-60 | 1 |
| Newsprint | 1 |
| Nickel | 1 |
| Nitrogen Liquid | 1 |
| Oil Bunker C | 1 |
| Oil Neutral Base | 1 |
| Oxygen Liquid | 1 |
| Paint Thermoplastic White | 1 |
| Pebble Quicklime | 1 |
| Perlite Ore | 1 |
| Phenol Formaldehyde Resin | 1 |
| Ply Veneer | 1 |
| Polyethylene | 1 |
| Polyethylene Pellets | 1 |
| Polystyrene Insulation | 1 |
| Potash | 1 |
| Potato Starch | 1 |
| Prilled Urea | 1 |
| Pumice | 1 |
| Pvc Suspension Resin | 1 |
| Quicklime | 1 |
| 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 |
| Soybean Meal | 1 |
| Ss-Fa | 1 |
| Sugar | 1 |
| Sulfate Of Potash 0-0-50 | 1 |

| Chemical Name | Count |
|--|-------|
| 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 |
| Water Base Flexographic Ink | 1 |
| Wheat Flour | 1 |
| Wheat Flour-Nfp | 1 |
| Wood Pulp | 1 |
| Zirconium Base Alloys | 1 |
| Zirconium Ingots | 1 |
| Zirconium Oxide | 1 |

Hazardous Substance Incidents

INCIDENT COUNTS

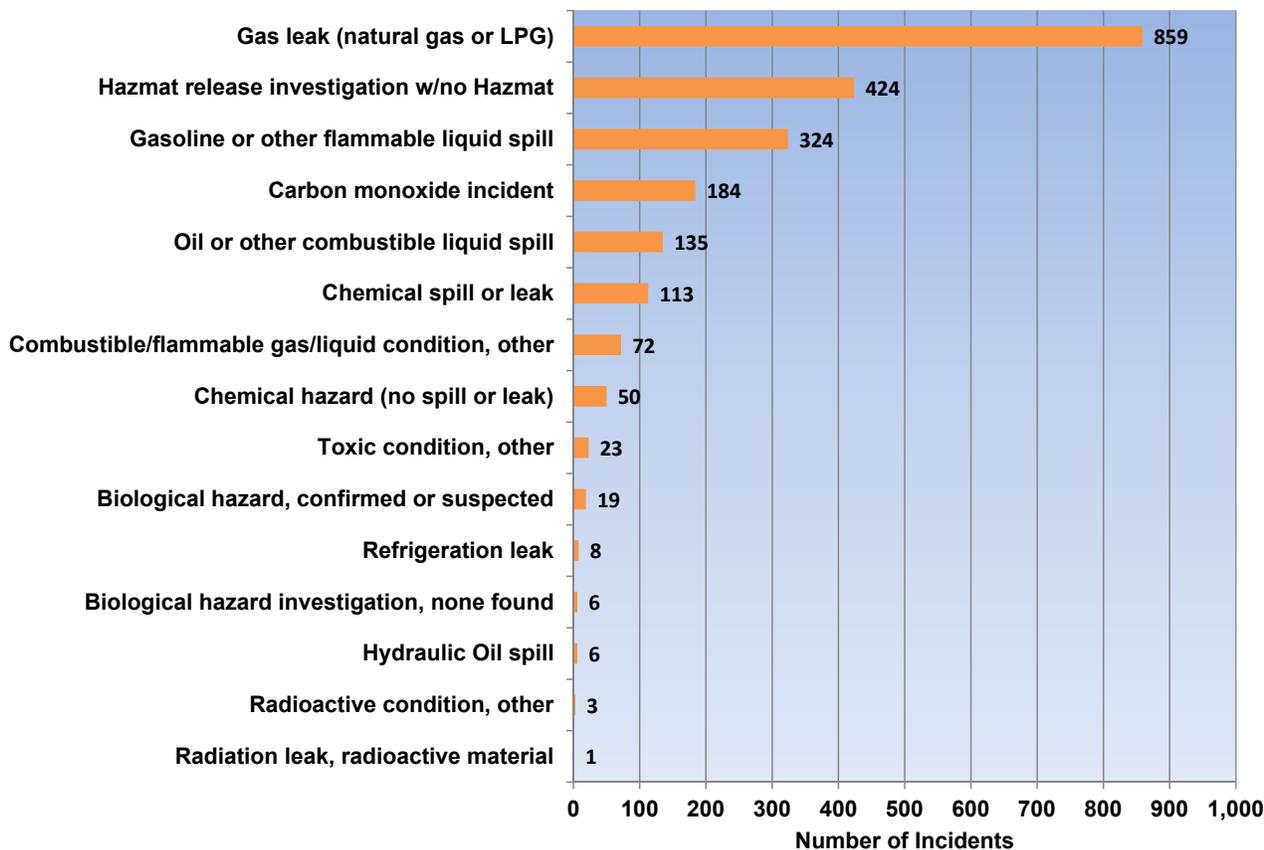
Oregon Fire Bridge™

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 departments and OSFM hazmat teams reported 2,227 hazardous substance incidents in 2016. These incidents resulted in 16 civilian injuries, two civilian deaths, and two 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, or from our website at http://www.oregon.gov/osp/SFM/Pages/CR2K_InformationAvailable.aspx.

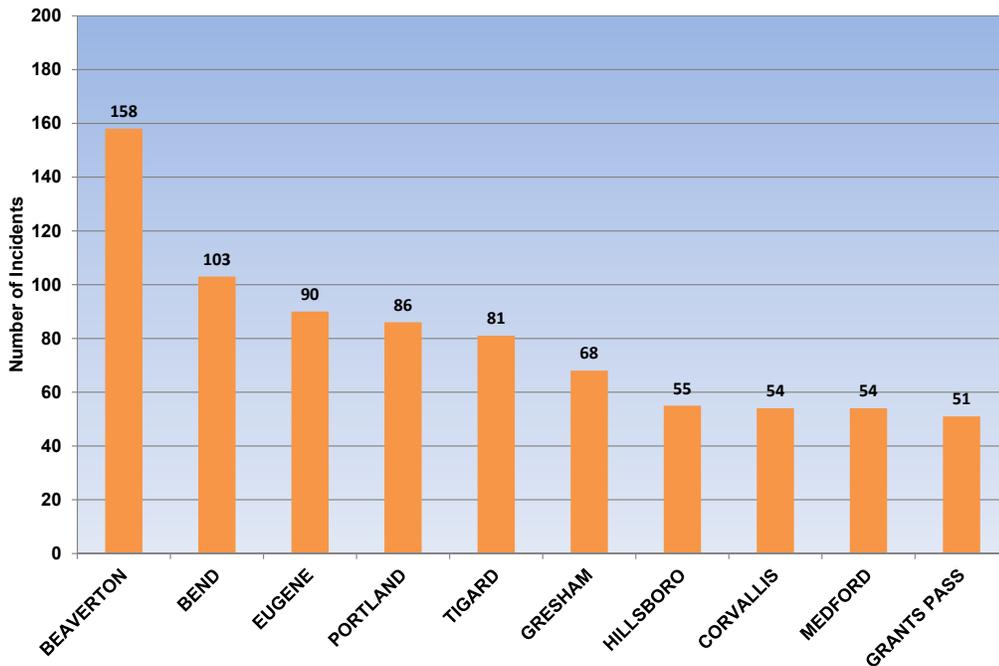
Types of Hazardous Substance Incidents



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

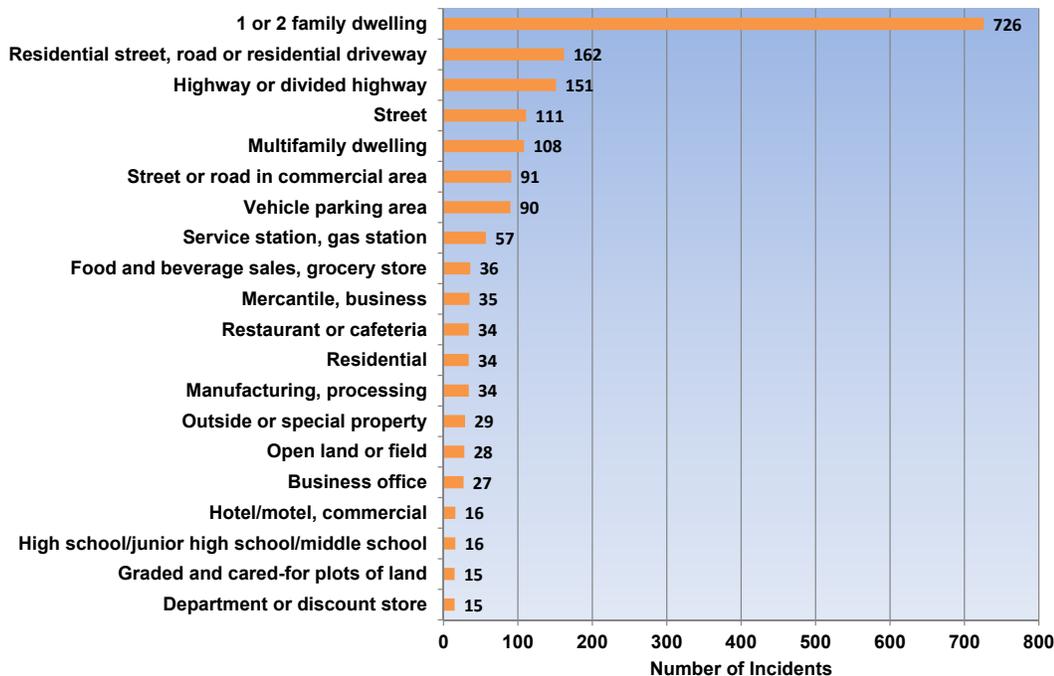
INCIDENT COUNTS

Cities with the Most Reported Hazardous Substance Incidents



This chart shows the top 10 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.

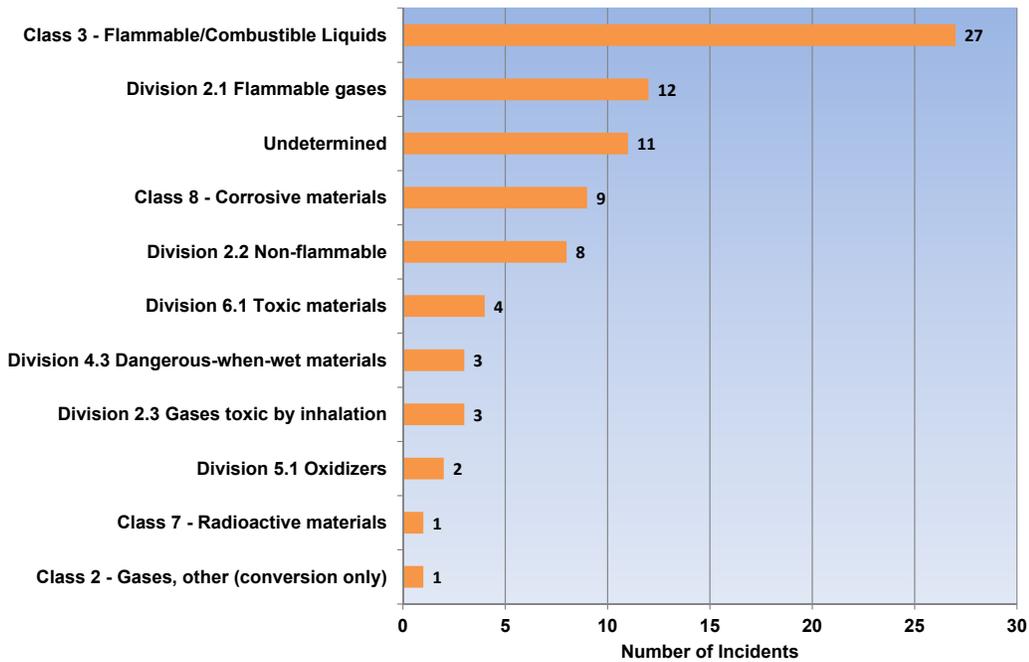
Types of Property Uses Where Hazardous Substance Incidents Occurred



This chart shows the top 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.

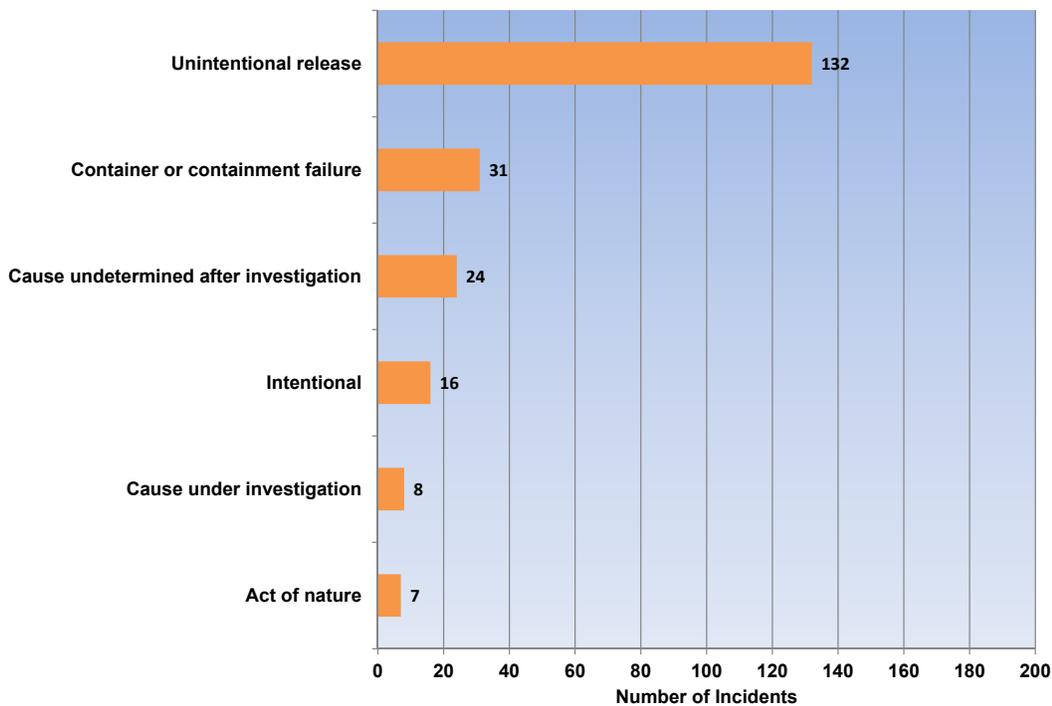
INCIDENT COUNTS

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 in the responder reports. Of the 2,227 hazardous substance incidents reported, only 81 are identifiable by the hazard class.

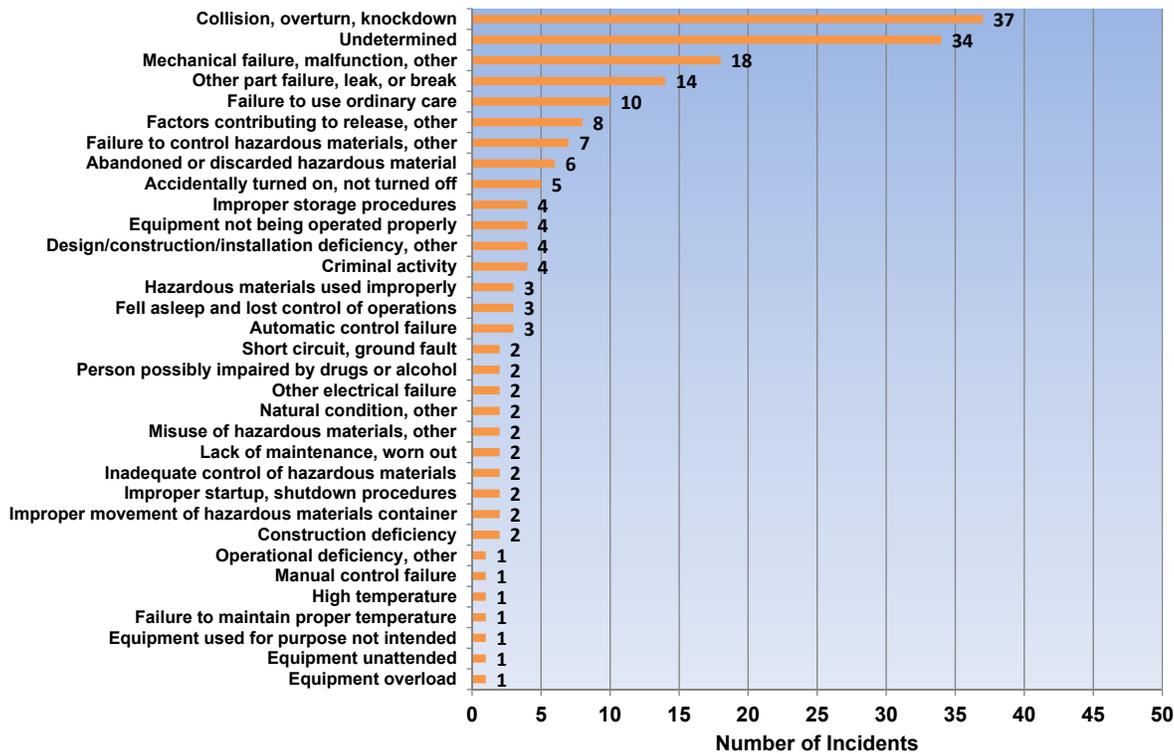
Causes of Hazardous Substance Incidents



There are six options 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

Factors Contributing to Hazardous Substance Incidents



Several options are given for contributing factors to a hazardous incident, but not all reports contain the information. This chart shows the reported contributing factors and the number of incidents reported for each one.

This chart shows the reported casualties associated with hazardous substance incidents in 2016. 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.

| | Injuries - Exposure | Deaths - Exposure | Injuries - Other | Deaths - Other | Total |
|--------------|---------------------|-------------------|------------------|----------------|-----------|
| Civilian | 5 | 2 | 11 | 0 | 18 |
| Fire service | 0 | 0 | 2 | 0 | 2 |
| Total | 5 | 2 | 13 | 0 | 20 |

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

- Incident 1 1 civilian was killed due to oxygen displacement
- Incident 2 1 civilian was killed due to exposure to carbon monoxide
- Incident 3 9 civilians were injured due to possible exposure to a hazardous material
- Incident 4 1 civilian was injured due to exposure to sodium hydroxide
- Incident 5 1 civilian was injured due to possible exposure to radiation

INCIDENT COUNTS

| | |
|-------------|---|
| Incident 6 | 1 civilian was injured due to exposure to hydroflouric acid |
| Incident 7 | 1 civilian was injured due to exposure to hydroflouric acid |
| Incident 8 | 1 civilian was injured due to exposure to flourine gas |
| Incident 9 | 1 civilian was injured due to possible exposure to sodium hypochlorite |
| Incident 10 | 1 civilian was injured due to exposure to an unknown hazardous material |
| Incident 11 | 1 fire service member was injured responding to a hazardous materials release |
| Incident 12 | 1 fire service member was injured responding to a hazardous materials release |

4 buildings and 66 people were evacuated in these incidents

Hazmat Teams Responding to Incidents

Oregon's 13 Regional Hazmat Emergency Response Teams responded to 90 incidents in 2016. 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.

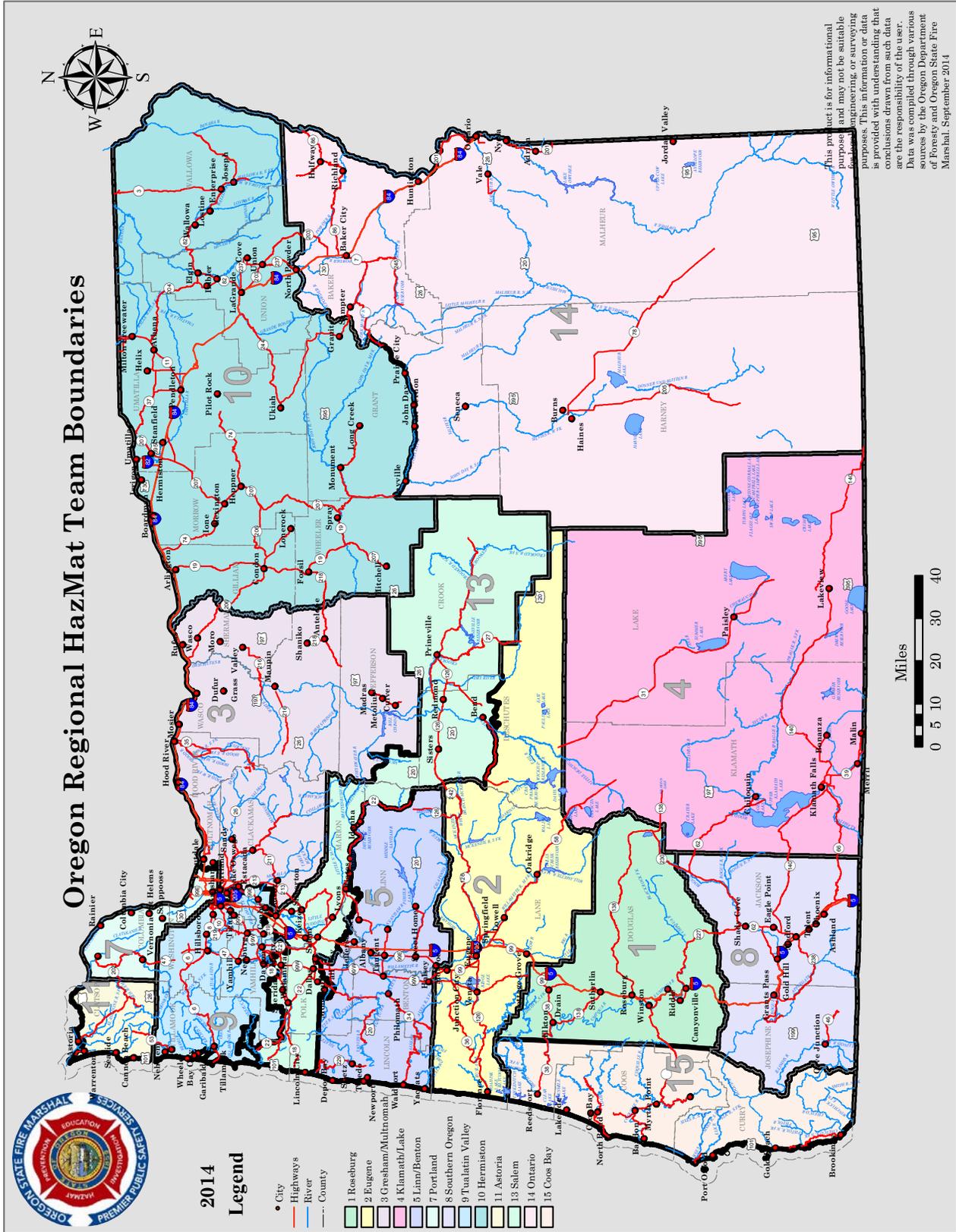
| Team | | Number of Incidents | Team | | Number of Incidents |
|--------|-----------------------|---------------------|--------------|-----------|---------------------|
| Team 1 | Roseburg | 7 | Team 9 | Tualatin | 12 |
| Team 2 | Eugene | 7 | Team 10 | Hermiston | 3 |
| Team 3 | Gresham/Multnomah Co. | 17 | Team 11 | Astoria | 1 |
| Team 4 | Klamath/Lake | 0 | Team 13 | Salem | 13 |
| Team 5 | Linn/Benton | 7 | Team 14 | Ontario | 6 |
| Team 7 | Portland | 9 | Team 15 | Coos Bay | 2 |
| Team 8 | So. Oregon | 6 | TOTAL | | 90 |

Substances Involved in Hazmat Team Responses

Of the 90 incidents responded to by a Regional Hazmat Emergency Response Team, a total of 36 different substances were involved.

| Substance Name | Substance Name | Substance Name |
|----------------------------------|------------------------------|------------------------------|
| Aluminum oxide | Gasoline | Petroleum distillate |
| Ammonia | Hydrofluoric acid | Phenylic acid |
| Anhydrous ammonia | Hydrogen chloride (gas) | Propane |
| Chlorine | Lithium metal | Silica, crystalline |
| Crude oil | Mercury | Sodium hydrosulfide solution |
| Diesel | Mineral oil | Sodium hydroxide (solution) |
| Diesel fuel | Muriatic acid | Sodium hypochlorite |
| Diethylenetriamine | Other | Sodium hypochlorite solution |
| Ethylene glycol monomethyl ether | Oxygen (refrigerated liquid) | Sulfuric acid |
| Fluorine (compressed gas) | Ozone | Trimethyl benzene |
| Formic acid | Paint, oil base | Water |
| Freon 12 | Petroleum | White powder |

Oregon Regional HazMat Team Boundaries



Oregon Regional Hazmat Team Responses

Outreach

In 2016, Oregon Regional Hazmat Emergency Response Teams conducted 46 outreach events and training sessions for 2,533 students across the state. Most training was conducted at local fire departments within the response regions, and often included representatives from industries within the region. Outreach training conducted by the hazmat teams ensures local responders are prepared to respond quickly and safely, and assist the hazmat team in the event of a hazardous substance incident. The table below identifies the number of outreach events conducted by each team.

Telephone Advisory Calls

In addition to incident response, teams provide an additional resource through telephone advisories to local responders, industry representatives, and others throughout their respective regions. In 2016, the teams conducted 82 telephone advisory calls. The table below identifies the number of calls handled by each team.

2016 Regional HazMat Outreach

| Team # | | Events |
|--------------|-----------------------|-----------|
| Team 1 | Roseburg | 7 |
| Team 2 | Eugene | 0 |
| Team 3 | Gresham/Multnomah Co. | 4 |
| Team 4 | Klamath/Lake | 0 |
| Team 5 | Linn/Benton | 7 |
| Team 7 | Portland | 3 |
| Team 8 | So. Oregon | 2 |
| Team 9 | Tualatin | 2 |
| Team 10 | Hermiston | 2 |
| Team 11 | Astoria | 9 |
| Team 13 | Salem | 7 |
| Team 14 | Ontario | 1 |
| Team 15 | Coos Bay | 2 |
| TOTAL | | 46 |

2016 Telephone Advisory Calls

| Team # | | Calls |
|--------------|-----------------------|-----------|
| Team 1 | Roseburg | 10 |
| Team 2 | Eugene | 0 |
| Team 3 | Gresham/Multnomah Co. | 1 |
| Team 4 | Klamath/Lake | 0 |
| Team 5 | Linn/Benton | 6 |
| Team 7 | Portland | 21 |
| Team 8 | So. Oregon | 8 |
| Team 9 | Tualatin | 21 |
| Team 10 | Hermiston | 2 |
| Team 11 | Astoria | 3 |
| Team 13 | Salem | 9 |
| Team 14 | Ontario | 1 |
| Team 15 | Coos Bay | 0 |
| TOTAL | | 82 |



APPENDIX 1

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|-----------------------------|-------|--------|----------------------|-------------|-----------|
| BAKER | | | | | |
| BAKER CITY FD | 45 | 1,494 | 386 | 1,925 | 2.3% |
| BAKER RFPD | 22 | 3 | 11 | 36 | 61.1% |
| EAGLE VALLEY RFPD | 1 | 0 | 0 | 1 | 100.0% |
| GREATER BOWEN VALLEY RFPD | 7 | 4 | 5 | 16 | 43.8% |
| HAINES FPD | 14 | 1 | 15 | 30 | 46.7% |
| HUNTINGTON FD | 19 | 68 | 10 | 97 | 19.6% |
| KEATING RFPD | 6 | 8 | 0 | 14 | 42.9% |
| MEDICAL SPRINGS RFPD | 4 | 1 | 0 | 5 | 80.0% |
| PINE VALLEY RFPD | 4 | 8 | 1 | 13 | 30.8% |
| POWDER RIVER RFPD | 4 | 0 | 2 | 6 | 66.7% |
| SUMPTER FD | 4 | 0 | 0 | 4 | 100.0% |
| BENTON | | | | | |
| ADAIR RFPD | 17 | 92 | 45 | 154 | 11.0% |
| ALSEA RFPD | 0 | 0 | 0 | 0 | 0.0% |
| BLODGETT-SUMMIT RFPD | 2 | 0 | 0 | 2 | 100.0% |
| CORVALLIS FD | 168 | 5,022 | 2,053 | 7,243 | 2.3% |
| HOSKINS-KINGS VLY RFPD | 2 | 5 | 11 | 18 | 11.1% |
| MONROE RFPD | 20 | 206 | 136 | 362 | 5.5% |
| PHILOMATH F&R | 49 | 380 | 124 | 553 | 8.9% |
| CLACKAMAS | | | | | |
| CANBY RFPD | 62 | 2,096 | 483 | 2,641 | 2.3% |
| CLACKAMAS CO FIRE DIST #1 | 555 | 14,720 | 6,196 | 21,471 | 2.6% |
| COLTON RFPD #70 | 20 | 178 | 118 | 316 | 6.3% |
| ESTACADA RFD #69 | 54 | 1,134 | 692 | 1,880 | 2.9% |
| GLADSTONE FD | 50 | 1,014 | 396 | 1,460 | 3.4% |
| HOODLAND FIRE DIST 74 | 37 | 543 | 324 | 904 | 4.1% |
| LAKE OSWEGO FIRE DEPARTMENT | 134 | 2,458 | 1,311 | 3,903 | 3.4% |
| MOLALLA FIRE DIST | 74 | 2,192 | 728 | 2,994 | 2.5% |
| SANDY RFPD #72 | 61 | 1,403 | 817 | 2,281 | 2.7% |
| CLATSOP | | | | | |
| ASTORIA FD | 71 | 897 | 427 | 1,395 | 5.1% |
| CANNON BEACH RFPD | 17 | 198 | 96 | 311 | 5.5% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|------------------------------|-------|-----|----------------------|-------------|-----------|
| ELSIE-VINEMAPLE RFPD | 11 | 177 | 48 | 236 | 4.7% |
| GEARHART VOL FD | 43 | 304 | 85 | 432 | 10.0% |
| HAMLET VOL FD | 3 | 12 | 5 | 20 | 15.0% |
| JOHN DAY-FERNHILL RFP | 3 | 60 | 10 | 73 | 4.1% |
| KNAPPA-SVENSEN-BURNSIDE RFPD | 18 | 376 | 87 | 481 | 3.7% |
| LEWIS & CLARK RFPD | 36 | 5 | 79 | 120 | 30.0% |
| OLNEY WALLUSKI F&R | 31 | 65 | 59 | 155 | 20.0% |
| SEASIDE F&R | 57 | 969 | 303 | 1,329 | 4.3% |
| WARRENTON FD | 49 | 0 | 5 | 54 | 90.7% |
| WESTPORT-WAUNA RFPD | 1 | 0 | 0 | 1 | 100.0% |

COLUMBIA

| | | | | | |
|----------------------|-----|-------|-------|-------|------|
| CLATSKANIE RFPD | 30 | 698 | 214 | 942 | 3.2% |
| COLUMBIA RIVER F&R | 131 | 3,313 | 1,129 | 4,573 | 2.9% |
| MIST BIRKENFELD RFPD | 15 | 71 | 115 | 201 | 7.5% |
| SCAPPOOSE RFPD | 61 | 1,387 | 573 | 2,021 | 3.0% |
| VERNONIA RFPD | 13 | 420 | 174 | 607 | 2.1% |

COOS

| | | | | | |
|-------------------------------|----|-------|-------|-------|--------|
| BANDON RFPD #8 | 15 | 40 | 99 | 154 | 9.7% |
| BRIDGE RFPD | 0 | 0 | 0 | 0 | 0.0% |
| CHARLESTON RFPD | 35 | 424 | 74 | 533 | 6.6% |
| COOS BAY FIRE DEPARTMENT | 71 | 2,352 | 850 | 3,273 | 2.2% |
| COQUILLE FD | 0 | 0 | 0 | 0 | 0.0% |
| DORA-SITKUM RFPD | 2 | 0 | 0 | 2 | 100.0% |
| FAIRVIEW RFPD | 2 | 0 | 1 | 3 | 66.7% |
| GREENACRES RFPD | 7 | 104 | 3 | 114 | 6.1% |
| HAUSER RFPD | 22 | 0 | 11 | 33 | 66.7% |
| LAKESIDE RFPD | 0 | 69 | 6 | 75 | 0.0% |
| MILLINGTON FIRE DIST #5 | 0 | 0 | 0 | 0 | 0.0% |
| MYRTLE POINT FIRE & AMBULANCE | 9 | 0 | 0 | 9 | 100.0% |
| NORTH BAY RFPD | 0 | 0 | 0 | 0 | 0.0% |
| NORTH BEND FD | 38 | 587 | 1,209 | 1,834 | 2.1% |
| POWERS FD | 0 | 2 | 0 | 2 | 0.0% |
| SUMNER RFPD | 1 | 0 | 0 | 1 | 100.0% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|--------------------------------|-------|-------|----------------------|-------------|-----------|
| CROOK | | | | | |
| CROOK CO F&R | 90 | 2,557 | 418 | 3,065 | 2.9% |
| CURRY | | | | | |
| AGNESS-ILLAHE RFPD | 0 | 0 | 0 | 0 | 0.0% |
| BROOKINGS F&R | 26 | 299 | 157 | 482 | 5.4% |
| CAPE FERRELO RFPD | 7 | 35 | 6 | 48 | 14.6% |
| CEDAR VALLEY-N BANK RFPD | 0 | 0 | 0 | 0 | 0.0% |
| GOLD BEACH FD | 21 | 85 | 64 | 170 | 12.4% |
| HARBOR RFPD | 45 | 226 | 73 | 344 | 13.1% |
| LANGLOIS RFPD #4-107 | 0 | 0 | 0 | 0 | 0.0% |
| OPHIR RFPD | 0 | 0 | 0 | 0 | 0.0% |
| PISTOL RIVER FIRE DIST | 0 | 0 | 0 | 0 | 0.0% |
| PORT ORFORD RFPD | 14 | 32 | 16 | 62 | 22.6% |
| SIXES RFPD | 12 | 11 | 10 | 33 | 36.4% |
| WINCHUCK RFPD | 0 | 7 | 1 | 8 | 0.0% |
| DESCHUTES | | | | | |
| ALFALFA FIRE DISTRICT | 6 | 16 | 11 | 33 | 18.2% |
| BEND FD | 283 | 7,214 | 1,611 | 9,108 | 3.1% |
| BLACK BUTTE RANCH RFPD | 12 | 74 | 77 | 163 | 7.4% |
| CLOVERDALE RFPD | 26 | 174 | 108 | 308 | 8.4% |
| LA PINE RFPD | 53 | 1,774 | 305 | 2,132 | 2.5% |
| OREGON OUTBACK RFPD | 4 | 43 | 4 | 51 | 7.8% |
| REDMOND F&R | 144 | 4,908 | 1,003 | 6,055 | 2.4% |
| SISTERS-CAMP SHERMAN RFPD | 42 | 888 | 300 | 1,230 | 3.4% |
| SUNRIVER FIRE DEPARTMENT | 27 | 391 | 217 | 635 | 4.3% |
| DOUGLAS | | | | | |
| AZALEA VOLS | 3 | 0 | 0 | 3 | 100.0% |
| CAMAS VALLEY VOL RFD | 2 | 0 | 0 | 2 | 100.0% |
| CANYONVILLE SOUTH UMPQUA FD | 0 | 0 | 0 | 0 | 0.0% |
| DAYS CREEK RFD | 0 | 0 | 0 | 0 | 0.0% |
| DOUGLAS CO FIRE DIST #2 | 164 | 5,579 | 1,079 | 6,822 | 2.4% |
| ELKTON RFPD | 5 | 7 | 28 | 40 | 12.5% |
| FAIR OAKS RFPD | 0 | 0 | 0 | 0 | 0.0% |
| GARDINER RFPD | 0 | 0 | 0 | 0 | 0.0% |
| GLENDALE RFPD | 23 | 83 | 33 | 139 | 16.5% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|------------------------------|-------|-------|----------------------|-------------|-----------|
| GLIDE RFPD | 25 | 351 | 84 | 460 | 5.4% |
| KELLOGG RFD | 7 | 36 | 17 | 60 | 11.7% |
| LOOKINGGLASS RFD | 18 | 72 | 69 | 159 | 11.3% |
| MILO RFPD | 0 | 0 | 0 | 0 | 0.0% |
| MYRTLE CREEK FD | 46 | 107 | 150 | 303 | 15.2% |
| NORTH DOUGLAS CO FIRE & EMS | 22 | 22 | 34 | 78 | 28.2% |
| OAKLAND RFPD | 21 | 26 | 73 | 120 | 17.5% |
| REEDSPORT VOL FD | 21 | 46 | 60 | 127 | 16.5% |
| RIDDLE RFPD | 17 | 57 | 48 | 122 | 13.9% |
| ROSEBURG FD | 103 | 4,487 | 1,542 | 6,132 | 1.7% |
| SCOTTSBURG RFD | 0 | 0 | 0 | 0 | 0.0% |
| SUTHERLIN FD | 37 | 71 | 167 | 275 | 13.5% |
| TENMILE RFPD | 2 | 31 | 7 | 40 | 5.0% |
| TILLER RFD | 0 | 0 | 0 | 0 | 0.0% |
| TRI CITY FIRE DIST #4 (DOUG) | 22 | 134 | 108 | 264 | 8.3% |
| WINCHESTER BAY RFPD | 0 | 0 | 0 | 0 | 0.0% |
| WINSTON-DILLARD FIRE DIST | 59 | 1,219 | 553 | 1,831 | 3.2% |
| GILLIAM | | | | | |
| NORTH GILLIAM CO RFPD | 29 | 11 | 34 | 74 | 39.2% |
| SOUTH GILLIAM CO RFPD | 15 | 6 | 12 | 33 | 45.5% |
| GRANT | | | | | |
| CANYON CITY FD | 3 | 0 | 2 | 5 | 60.0% |
| DAYVILLE FD | 0 | 0 | 0 | 0 | 0.0% |
| GRANITE CITY FD | 0 | 0 | 0 | 0 | 0.0% |
| JOHN DAY FD | 8 | 0 | 24 | 32 | 25.0% |
| JOHN DAY RFPD | 9 | 0 | 12 | 21 | 42.9% |
| LONG CREEK FD | 1 | 0 | 0 | 1 | 100.0% |
| MONUMENT FD | 0 | 0 | 0 | 0 | 0.0% |
| MT VERNON FD | 0 | 0 | 0 | 0 | 0.0% |
| PRAIRIE CITY FD | 10 | 0 | 2 | 12 | 83.3% |
| SENECA VOL FD | 0 | 0 | 0 | 0 | 0.0% |
| HARNEY | | | | | |
| BURNS FD | 23 | 24 | 60 | 107 | 21.5% |
| HINES FD | 20 | 11 | 50 | 81 | 24.7% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|-----------------------------------|-------|-------|----------------------|-------------|-----------|
| HOOD RIVER | | | | | |
| CASCADE LOCKS FIRE & EMS | 20 | 284 | 74 | 378 | 5.3% |
| HOOD RIVER FD | 38 | 1,236 | 338 | 1,612 | 2.4% |
| PARKDALE RFPD | 30 | 323 | 48 | 401 | 7.5% |
| WEST SIDE RFPD | 38 | 254 | 78 | 370 | 10.3% |
| WY-EAST RFPD | 31 | 154 | 65 | 250 | 12.4% |
| JACKSON | | | | | |
| APPLEGATE VALLEY RFPD #9 | 67 | 347 | 283 | 697 | 9.6% |
| ASHLAND F&R | 83 | 2,886 | 1,212 | 4,181 | 2.0% |
| BUTTE FALLS VOL FD | 0 | 0 | 0 | 0 | 0.0% |
| COLESTIN RFPD | 10 | 3 | 8 | 21 | 47.6% |
| EVANS VALLEY FIRE DIST #6 | 5 | 277 | 94 | 376 | 1.3% |
| GREENSPRINGS RFPD | 0 | 0 | 0 | 0 | 0.0% |
| JACKSON CO FD #3 | 228 | 4,442 | 2,020 | 6,690 | 3.4% |
| JACKSON CO RFPD #4 | 21 | 841 | 293 | 1,155 | 1.8% |
| JACKSON COUNTY FIRE DISTRICT 5 | 108 | 1,538 | 983 | 2,629 | 4.1% |
| JACKSONVILLE FD | 40 | 485 | 243 | 768 | 5.2% |
| LAKE CREEK RFPD #8 | 0 | 0 | 0 | 0 | 0.0% |
| MEDFORD FIRE-RESCUE | 283 | 6,822 | 2,777 | 9,882 | 2.9% |
| PROSPECT RFPD | 0 | 0 | 0 | 0 | 0.0% |
| ROGUE RIVER RFPD | 41 | 1,309 | 512 | 1,862 | 2.2% |
| ROGUE VALLEY INTL AIRPORT FD | 2 | 26 | 50 | 78 | 2.6% |
| JEFFERSON | | | | | |
| CROOKED RIVER RANCH RFPD | 18 | 320 | 124 | 462 | 3.9% |
| JEFFERSON CO RFPD #1 | 85 | 260 | 337 | 682 | 12.5% |
| LAKE CHINOOK FIRE & RESCUE | 1 | 4 | 3 | 8 | 12.5% |
| WARM SPRINGS FIRE SFTY | 54 | 160 | 114 | 328 | 16.5% |
| JOSEPHINE | | | | | |
| COUNTY FIRE | 68 | 1 | 59 | 128 | 53.1% |
| GRANTS PASS DEPT PUBLIC SAFETY | 172 | 1,769 | 2,355 | 4,296 | 4.0% |
| ILLINOIS VALLEY FIRE DIST | 69 | 859 | 447 | 1,375 | 5.0% |
| RURAL METRO FD | 175 | 1,348 | 1,192 | 2,715 | 6.4% |
| WILLIAMS RFPD | 0 | 0 | 0 | 0 | 0.0% |
| WOLF CREEK RFPD | 0 | 4 | 4 | 8 | 0.0% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|-----------------------------|-------|--------|----------------------|-------------|-----------|
| KLAMATH | | | | | |
| BLY RFPD | 6 | 19 | 3 | 28 | 21.4% |
| BONANZA RFPD | 0 | 0 | 0 | 0 | 0.0% |
| CENTRAL CASCADES FIRE & EMS | 3 | 34 | 50 | 87 | 3.4% |
| CHEMULT RFPD | 1 | 1 | 0 | 2 | 50.0% |
| CHILOQUIN FIRE & RESCUE | 47 | 335 | 80 | 462 | 10.2% |
| CRESCENT RFPD | 9 | 337 | 89 | 435 | 2.1% |
| KENO RFPD | 30 | 221 | 33 | 284 | 10.6% |
| KLAMATH CO FD #3 | 0 | 5 | 0 | 5 | 0.0% |
| KLAMATH CO FD #4 | 34 | 20 | 13 | 67 | 50.7% |
| KLAMATH CO FD #5 | 23 | 84 | 0 | 107 | 21.5% |
| KLAMATH CO FIRE DIST #1 | 126 | 5,628 | 1,359 | 7,113 | 1.8% |
| MALIN RFPD | 5 | 4 | 2 | 11 | 45.5% |
| MERRILL RFPD | 15 | 17 | 9 | 41 | 36.6% |
| ROCKY POINT FIRE & EMS | 0 | 0 | 0 | 0 | 0.0% |
| LAKE | | | | | |
| CHRISTMAS VALLEY RFPD | 14 | 4 | 56 | 74 | 18.9% |
| LAKEVIEW FD | 26 | 12 | 32 | 70 | 37.1% |
| NEW PINE CREEK RFPD | 1 | 0 | 1 | 2 | 50.0% |
| PAISLEY VOL FD | 0 | 0 | 0 | 0 | 0.0% |
| SILVER LAKE RFPD | 0 | 0 | 0 | 0 | 0.0% |
| THOMAS CREEK WESTSIDE RFPD | 10 | 2 | 4 | 16 | 62.5% |
| LANE | | | | | |
| COBURG RFPD | 5 | 0 | 0 | 5 | 100.0% |
| DEXTER RFPD | 43 | 235 | 123 | 401 | 10.7% |
| EUGENE SPRINGFIELD FIRE | 755 | 26,777 | 8,809 | 36,341 | 2.1% |
| GOSHEN FIRE DIST | 59 | 548 | 210 | 817 | 7.2% |
| JUNCTION CITY RFPD | 59 | 1 | 157 | 217 | 27.2% |
| LAKE CREEK RFPD | 9 | 0 | 0 | 9 | 100.0% |
| LANE FIRE AUTHORITY | 137 | 4,041 | 912 | 5,090 | 2.7% |
| LORANE RFPD | 3 | 8 | 1 | 12 | 25.0% |
| LOWELL RFPD | 20 | 209 | 51 | 280 | 7.1% |
| MAPLETON FD | 0 | 0 | 0 | 0 | 0.0% |
| MCKENZIE F&R | 31 | 519 | 170 | 720 | 4.3% |
| MOHAWK VALLEY RFD | 10 | 242 | 96 | 348 | 2.9% |
| OAKRIDGE FD | 806 | 1 | 19 | 826 | 97.6% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|----------------------------|-------|-------|----------------------|-------------|-----------|
| PLEASANT HILL RFPD | 43 | 310 | 97 | 450 | 9.6% |
| SANTA CLARA RFPD | 4 | 0 | 0 | 4 | 100.0% |
| SIUSLAW VALLEY F&R | 33 | 203 | 199 | 435 | 7.6% |
| SOUTH LANE COUNTY F&R | 126 | 3,234 | 293 | 3,653 | 3.4% |
| SWISSHOME-DEADWOOD RFPD | 0 | 0 | 0 | 0 | 0.0% |
| UPPER MCKENZIE RFPD | 10 | 170 | 49 | 229 | 4.4% |
| LINCOLN | | | | | |
| CENTRAL OREGON COAST F&R | 15 | 428 | 170 | 613 | 2.4% |
| DEPOE BAY RFPD | 9 | 533 | 252 | 794 | 1.1% |
| NEWPORT FD | 47 | 1,285 | 635 | 1,967 | 2.4% |
| NORTH LINCOLN F&R DIST #1 | 69 | 1,712 | 372 | 2,153 | 3.2% |
| SEAL ROCK RFPD | 5 | 236 | 134 | 375 | 1.3% |
| SILETZ RFPD | 11 | 184 | 32 | 227 | 4.8% |
| TOLEDO FD | 28 | 434 | 258 | 720 | 3.9% |
| YACHATS RFPD | 16 | 529 | 197 | 742 | 2.2% |
| LINN | | | | | |
| ALBANY FD | 152 | 10 | 738 | 900 | 16.9% |
| BROWNSVILLE RFD | 7 | 0 | 0 | 7 | 100.0% |
| HALSEY-SHEDD RFPD | 8 | 0 | 0 | 8 | 100.0% |
| HARRISBURG FIRE & RESCUE | 31 | 342 | 184 | 557 | 5.6% |
| LEBANON FIRE DIST | 121 | 4,449 | 1,399 | 5,969 | 2.0% |
| LYONS RFPD | 9 | 79 | 20 | 108 | 8.3% |
| SCIO RFPD | 30 | 285 | 144 | 459 | 6.5% |
| SWEET HOME FIRE & AMB DIST | 54 | 6 | 160 | 220 | 24.5% |
| TANGENT RFPD | 37 | 164 | 156 | 357 | 10.4% |
| MALHEUR | | | | | |
| ADRIAN RFPD | 16 | 1 | 0 | 17 | 94.1% |
| NYSSA FD | 57 | 33 | 39 | 129 | 44.2% |
| ONTARIO F&R | 47 | 6 | 153 | 206 | 22.8% |
| ONTARIO RFPD #7-302 | 37 | 4 | 28 | 69 | 53.6% |
| PAYETTE RFD-OREGON | 7 | 2 | 19 | 28 | 25.0% |
| VALE FD | 35 | 37 | 19 | 91 | 38.5% |
| WEISER RFPD ANNEX-OREGON | 4 | 4 | 0 | 8 | 50.0% |
| MARION | | | | | |
| AUMSVILLE RFPD | 48 | 435 | 335 | 818 | 5.9% |
| AURORA RFPD | 48 | 627 | 205 | 880 | 5.5% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|-----------------------------|-------|--------|----------------------|-------------|-----------|
| DRAKES CROSSING RFPD | 12 | 46 | 11 | 69 | 17.4% |
| GATES RFPD | 18 | 120 | 55 | 193 | 9.3% |
| HUBBARD RFPD | 35 | 215 | 193 | 443 | 7.9% |
| IDANHA-DETROIT RFPD | 23 | 173 | 40 | 236 | 9.7% |
| JEFFERSON RFPD | 52 | 781 | 294 | 1,127 | 4.6% |
| KEIZER FIRE DIST | 68 | 3,761 | 844 | 4,673 | 1.5% |
| MARION COUNTY FIRE DISTRICT | 105 | 5,139 | 1,659 | 6,903 | 1.5% |
| MILL CITY RFPD | 4 | 194 | 55 | 253 | 1.6% |
| MONITOR RFPD #58 | 21 | 108 | 76 | 205 | 10.2% |
| MOUNT ANGEL FIRE DIST | 32 | 242 | 168 | 442 | 7.2% |
| OREGON MILITARY DEPARTMENT | 19 | 1 | 48 | 68 | 27.9% |
| OREGON STATE FIRE MARSHAL | 4 | 0 | 0 | 4 | 100.0% |
| SALEM FD | 451 | 0 | 8 | 459 | 98.3% |
| SILVERTON RFPD | 47 | 587 | 376 | 1,010 | 4.7% |
| ST PAUL FIRE DIST | 14 | 1 | 2 | 17 | 82.4% |
| STAYTON FIRE DISTRICT | 100 | 452 | 465 | 1,017 | 9.8% |
| SUBLIMITY FIRE DISTRICT | 30 | 0 | 0 | 30 | 100.0% |
| TURNER FIRE DIST | 67 | 653 | 297 | 1,017 | 6.6% |
| WOODBURN FIRE DIST | 114 | 1,311 | 947 | 2,372 | 4.8% |
| MORROW | | | | | |
| BOARDMAN RFPD | 54 | 25 | 147 | 226 | 23.9% |
| HEPPNER FD | 19 | 20 | 65 | 104 | 18.3% |
| IONE FD | 4 | 3 | 5 | 12 | 33.3% |
| IRRIGON RFPD | 21 | 7 | 10 | 38 | 55.3% |
| LEXINGTON FD | 3 | 0 | 1 | 4 | 75.0% |
| MULTNOMAH | | | | | |
| GRESHAM FIRE & EMERG SRVCS | 457 | 11,670 | 4,277 | 16,404 | 2.8% |
| MULTNOMAH CO RFPD #14 | 14 | 0 | 1 | 15 | 93.3% |
| PORTLAND BUREAU OF F&R&EMS | 2,614 | 0 | 0 | 2,614 | 100.0% |
| SAUVIE ISLAND VOL FD | 0 | 0 | 0 | 0 | 0.0% |
| POLK | | | | | |
| DALLAS FD | 74 | 430 | 415 | 919 | 8.1% |
| FALLS CITY FD | 0 | 0 | 1 | 1 | 0.0% |
| POLK CO FIRE DIST NO 1 | 58 | 1,745 | 510 | 2,313 | 2.5% |

APPENDIX 1

2016 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 | 51 | 247 | 286 | 584 | 8.7% |
| SHERMAN | | | | | |
| MORO FD CITY OF | 2 | 0 | 0 | 2 | 100.0% |
| MORO RFPD | 13 | 6 | 4 | 23 | 56.5% |
| NORTH SHERMAN CO RFPD | 12 | 26 | 10 | 48 | 25.0% |
| SOUTH SHERMAN RFPD | 9 | 98 | 18 | 125 | 7.2% |
| TILLAMOOK | | | | | |
| BAY CITY FD | 6 | 137 | 54 | 197 | 3.0% |
| GARIBALDI FD | 9 | 100 | 46 | 155 | 5.8% |
| NEHALEM BAY FIRE & RESCUE DISTRICT | 19 | 574 | 193 | 786 | 2.4% |
| NESTUCCA RFP | 16 | 504 | 215 | 735 | 2.2% |
| NETARTS-OCEANSIDE RFPD | 2 | 79 | 21 | 102 | 2.0% |
| ROCKAWAY FD | 2 | 19 | 46 | 67 | 3.0% |
| TILLAMOOK FIRE DIST | 51 | 690 | 379 | 1,120 | 4.6% |
| UMATILLA | | | | | |
| ATHENA FD | 0 | 0 | 0 | 0 | 0.0% |
| EAST UMATILLA CO RFPD | 23 | 41 | 10 | 74 | 31.1% |
| ECHO RFPD | 41 | 0 | 22 | 63 | 65.1% |
| HELIX RFPD | 4 | 0 | 0 | 4 | 100.0% |
| MILTON-FREEWATER FD | 21 | 2 | 22 | 45 | 46.7% |
| MILTON-FREEWATER RURAL FD | 62 | 16 | 66 | 144 | 43.1% |
| PENDLETON FIRE & AMBULANCE SERVICE | 84 | 2,477 | 648 | 3,209 | 2.6% |
| PILOT ROCK RFPD | 14 | 0 | 9 | 23 | 60.9% |
| UKIAH FD | 0 | 0 | 0 | 0 | 0.0% |
| UMATILLA CO FIRE DISTRICT #1 | 147 | 3,352 | 537 | 4,036 | 3.6% |
| UMATILLA RFPD | 54 | 338 | 128 | 520 | 10.4% |
| UMATILLA TRIBAL FD | 8 | 0 | 1 | 9 | 88.9% |
| UMATILLA TRIBAL FD | 5 | 0 | 0 | 5 | 100.0% |
| UNION | | | | | |
| COVE RFPD | 10 | 0 | 10 | 20 | 50.0% |
| ELGIN RFPD | 21 | 17 | 13 | 51 | 41.2% |

APPENDIX 1

2016 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 | 41 | 2,029 | 662 | 2,732 | 1.5% |
| LA GRANDE RFPD | 44 | 229 | 105 | 378 | 11.6% |
| NORTH POWDER FD | 0 | 0 | 0 | 0 | 0.0% |
| POWDER RFPD | 0 | 0 | 0 | 0 | 0.0% |
| UNION EMERGENCY SERVICES | 17 | 16 | 11 | 44 | 38.6% |
| UNION RFPD | 0 | 2 | 1 | 3 | 0.0% |
| WALLOWA | | | | | |
| ENTERPRISE FD | 13 | 19 | 9 | 41 | 31.7% |
| JOSEPH FD | 7 | 4 | 19 | 30 | 23.3% |
| LOSTINE FD | 8 | 3 | 0 | 11 | 72.7% |
| WALLOWA FD | 7 | 19 | 2 | 28 | 25.0% |
| WASCO | | | | | |
| ANTELOPE FD | 3 | 13 | 5 | 21 | 14.3% |
| DUFUR VOL FD | 1 | 0 | 1 | 2 | 50.0% |
| JUNIPER FLAT RFPD | 7 | 28 | 5 | 40 | 17.5% |
| MAUPIN FD | 0 | 0 | 1 | 1 | 0.0% |
| MID-COLUMBIA F&R | 99 | 2,210 | 466 | 2,775 | 3.6% |
| MOSIER FD | 14 | 64 | 22 | 100 | 14.0% |
| SHANIKO VOL FD | 1 | 0 | 3 | 4 | 25.0% |
| TYGH VALLEY VOL FD | 7 | 7 | 1 | 15 | 46.7% |
| WAMIC RFPD | 6 | 52 | 9 | 67 | 9.0% |
| WASHINGTON | | | | | |
| BANKS FIRE DIST #13 | 64 | 399 | 205 | 668 | 9.6% |
| CORNELIUS FD | 71 | 1,343 | 597 | 2,011 | 3.5% |
| FOREST GROVE F&R | 130 | 2,316 | 812 | 3,258 | 4.0% |
| GASTON RFPD | 41 | 263 | 126 | 430 | 9.5% |
| HILLSBORO FD | 294 | 6,458 | 3,661 | 10,413 | 2.8% |
| TUALATIN VALLEY F&R | 1,169 | 30,001 | 13,323 | 44,493 | 2.6% |
| WASHINGTON CO FD #2 | 30 | 296 | 190 | 516 | 5.8% |
| WHEELER | | | | | |
| FOSSIL VOL FD | 10 | 22 | 6 | 38 | 26.3% |
| MITCHELL VOL FD | 0 | 0 | 0 | 0 | 0.0% |

APPENDIX 1

2016 Reported Fires and Other Incidents

| County/Agency | Fires | EMS | Non-Fire/ Non-EMS | Total Calls | % of Fire |
|---------------------------|-------|-------|----------------------|-------------|-----------|
| SPRAY VOL FD | 0 | 0 | 0 | 0 | 0.0% |
| WHEELER CO F&R | 0 | 0 | 0 | 0 | 0.0% |
| YAMHILL | | | | | |
| AMITY FIRE DIST | 33 | 242 | 100 | 375 | 8.8% |
| DAYTON FIRE DISTRICT | 37 | 372 | 142 | 551 | 6.7% |
| DUNDEE FD | 40 | 312 | 240 | 592 | 6.8% |
| LAFAYETTE FD | 9 | 239 | 180 | 428 | 2.1% |
| MCMINNVILLE FD | 70 | 6,606 | 1,026 | 7,702 | 0.9% |
| NEW CARLTON FIRE DISTRICT | 14 | 174 | 129 | 317 | 4.4% |
| NEWBERG FD | 48 | 2,014 | 385 | 2,447 | 2.0% |
| SHERIDAN FD | 62 | 1,191 | 233 | 1,486 | 4.2% |
| WEST VALLEY FIRE DIST | 40 | 1,675 | 280 | 1,995 | 2.0% |
| YAMHILL FPD | 32 | 191 | 147 | 370 | 8.6% |

The data in Appendix 1 was obtained from the Oregon Fire Bridge™ and is based on incident reports submitted to the Office of State Fire Marshal 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

2016 Reported Population and Valuation Resources

| County/Agency | District Population | District Size (Sq. Mi.) | Family Dwellings | Cash Value of District | ISOCClass | Date Last Graded |
|-----------------------------|---------------------|-------------------------|------------------|------------------------|-----------|------------------|
| BAKER | | | | | | |
| BAKER CITY FD | 10,000 | 8 | 3,600 | | 3 | 2016 |
| BAKER RFPD | 4,500 | 95 | | | | |
| EAGLE VALLEY RFPD | 380 | 40 | 180 | | 6/8B | 1998 |
| GREATER BOWEN VALLEY RFPD | 400 | 81 | | | | |
| HAINES FPD | 1,200 | 128 | 600 | | 4/8B | 2016 |
| HUNTINGTON FD | 400 | 1 | 180 | | 6 | 2011 |
| KEATING RFPD | 175 | 132 | | | | |
| MEDICAL SPRINGS RFPD | 2,000 | 120 | 72 | \$8,154,000 | 8B/10 | 2005 |
| PINE VALLEY RFPD | 1,000 | 10 | | | | |
| POWDER RIVER RFPD | | 19 | | | | |
| SUMPTER FD | 205 | 2 | | | | |
| BENTON | | | | | | |
| ADAIR RFPD | 2,100 | 18 | 1,000 | | 3/3Y | 2016 |
| ALSEA RFPD | 1,200 | 84 | 525 | | 7/9/10 | 2006 |
| BLODGETT-SUMMIT RFPD | 500 | 26 | | | | |
| CORVALLIS FD | 68,960 | 45 | | \$7,007,603,495 | 3/8B/9 | 2010 |
| HOSKINS-KINGS VLY RFPD | 300 | 27 | | | | |
| MONROE RFPD | 3,500 | 134 | 1,500 | \$300,000,000 | 5/8B | 2,010 |
| PHILOMATH F&R | 9,500 | 58 | 3,200 | \$120,000,000 | 4/10 | 2012 |
| CLACKAMAS | | | | | | |
| CANBY RFPD | 35,000 | 54 | | | | |
| CLACKAMAS CO FIRE DIST #1 | 202,410 | 235 | 79,062 | \$212,424,245,400 | 3 | 2004 |
| COLTON RFPD #70 | 5,200 | 46 | | | | |
| ESTACADA RFD #69 | 12,275 | 88 | 4,795 | \$1,068,380,307 | 3/10W/10 | 2016 |
| GLADSTONE FD | 12,500 | 3 | 4,540 | | 4 | 2012 |
| HOODLAND FIRE DIST 74 | 5,932 | 45 | 897 | \$1,350,058,138 | 5/10 | |
| LAKE OSWEGO FIRE DEPARTMENT | 434,332 | 14 | 19,941 | \$8,148,762,258 | 3 | 2010 |
| MOLALLA FIRE DIST | 25,000 | 105 | | | | |
| SANDY RFPD #72 | 20,000 | 77 | | | 3/10 | 2017 |

APPENDIX 2

2016 Reported Population and Valuation Resources

| County/Agency | District Population | District Size (Sq. Mi.) | Family Dwellings | Cash Value of District | ISOClass | Date Last Graded |
|-------------------------------|---------------------|-------------------------|------------------|------------------------|----------|------------------|
| CLATSOP | | | | | | |
| ASTORIA FD | 9,900 | 10 | 4,950 | \$1,640,446,846 | 4 | 2012 |
| CANNON BEACH RFPD | 7,105 | 6 | 3,214 | \$1,017,233,802 | 4/9 | 2012 |
| ELSIE-VINEMAPLE RFPD | 1,900 | 30 | 450 | \$51,022,432 | 8B | |
| GEARHART VOL FD | 3,200 | 29 | 2,000 | \$1,072,646,876 | 3 | 2015 |
| HAMLET VOL FD | 385 | 18 | | | | |
| JOHN DAY-FERNHILL RFP | 600 | 20 | 300 | \$37,728,854 | 10 | 2010 |
| KNAPPA-SVENSEN-BURNSIDE RFPD | 4,500 | 80 | 1,200 | \$235,233,419 | 5/8 | 2000 |
| LEWIS & CLARK RFPD | 3,000 | 25 | 1,032 | \$264,004,807 | 3 | 2014 |
| OLNEY WALLUSKI F&R | 3,500 | 48 | 600 | 53000 + | 4/8B | 2015 |
| SEASIDE F&R | 10,000 | 15 | | \$1,177,961,053 | 3/8 | 2015 |
| WARRENTON FD | 7,000 | 29 | 3,000 | | 3/3Y | 2015 |
| WESTPORT-WAUNA RFPD | 380 | 6 | 380 | | | |
| COLUMBIA | | | | | | |
| CLATSKANIE RFPD | 10,000 | 135 | | \$1,120,579,532 | 9/5 | 2013 |
| COLUMBIA RIVER F&R | 27,000 | 185 | | | | |
| MIST BIRKENFELD RFPD | 1,400 | 165 | | | 8B | |
| SCAPPOOSE RFPD | 13,500 | 52 | 4,751 | \$1,151,948,335 | 4/8B/10 | 2010 |
| VERNONIA RFPD | 3,500 | 36 | 2,000 | \$237,767,514 | 4/8B/10 | 2008 |
| COOS | | | | | | |
| BANDON RFPD #8 | 3,105 | 160 | | | | |
| BRIDGE RFPD | 1,000 | 35 | | | | |
| CHARLESTON RFPD | 8,000 | 8 | | \$226,147,355 | 4/4B | 2004 |
| COOS BAY FIRE DEPARTMENT | 16,160 | 11 | | | | |
| COQUILLE FD | 10,000 | 80 | 4,500 | \$100,000,000 | 8/4 | 2005 |
| DORA-SITKUM RFPD | 250 | 18 | | | | |
| FAIRVIEW RFPD | 638 | 209 | 414 | \$30,154,959 | 8 | 2005 |
| GREENACRES RFPD | 689 | 11 | 400 | | 8B | 2003 |
| HAUSER RFPD | 6,000 | 26 | | | 4 | 2016 |
| LAKESIDE RFPD | 3,700 | 13 | | | | |
| MILLINGTON FIRE DIST #5 | 3,700 | 14 | | | | |
| MYRTLE POINT FIRE & AMBULANCE | 6,500 | 50 | | | | |
| NORTH BAY RFPD | 5,418 | 30 | | | | |

APPENDIX 2

2016 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 | 5 | 5,000 | | 3 | 2012 |
| POWERS FD | 800 | 22 | | | | |
| SUMNER RFPD | 2,700 | 17 | 341 | \$86,242,235 | 8 | 2016 |
| CROOK | | | | | | |
| CROOK CO F&R | 26,000 | 450 | | | | |
| CURRY | | | | | | |
| AGNESS-ILLAHE RFPD | 100 | 40 | 133 | \$1,658,531,800 | 9 | |
| BROOKINGS F&R | 6,700 | 16 | 3,000 | \$8,000,000 | 3 | 2015 |
| CAPE FERRELO RFPD | 1,200 | 17 | | | | |
| CEDAR VALLEY-N BANK RFPD | 1,000 | 20 | | | | |
| GOLD BEACH FD | 2,275 | 2 | | | | |
| 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 | | | | |
| PISTOL RIVER FIRE DIST | 600 | 18 | | | | |
| PORT ORFORD RFPD | 2,200 | 110 | | | | |
| SIXES RFPD | 240 | 42 | | | | |
| WINCHUCK RFPD | 300 | 15 | 160 | \$225,000,000 | 8 | 1993 |
| DESCHUTES | | | | | | |
| ALFALFA FIRE DISTRICT | 1,240 | 64 | 550 | \$128,401,632 | 10 | 2014 |
| BEND FD | 108,000 | 1,600 | | | | |
| BLACK BUTTE RANCH RFPD | 5,000 | 3 | 1,256 | \$653,600,015 | 4 | 2010 |
| CLOVERDALE RFPD | 37,000 | 50 | | | | |
| LA PINE RFPD | 22,000 | 117 | 8,600 | \$2,124,530,000 | 4 | 2012 |
| OREGON OUTBACK RFPD | 500 | 35 | | | | |
| REDMOND F&R | 45,000 | 353 | | | | |
| SISTERS-CAMP SHERMAN RFPD | 6,500 | 55 | 3,100 | \$977,968,863 | 4/4Y | 2013 |
| SUNRIVER FIRE DEPARTMENT | 2,500 | 360 | 4,175 | \$1,705,348,921 | 3 | 2012 |
| DOUGLAS | | | | | | |
| AZALEA VOLS | 761 | 50 | | | | |
| CAMAS VALLEY VOL RFD | 2,400 | 300 | | | | |

APPENDIX 2

2016 Reported Population and Valuation Resources

| County/Agency | District Population | District Size (Sq. Mi.) | Family Dwell-ings | Cash Value of District | ISOClass | Date Last Graded |
|------------------------------|---------------------|-------------------------|-------------------|------------------------|----------|------------------|
| CANYONVILLE SOUTH UMPQUA FD | 5,000 | 15 | | | 4/8B | 2011 |
| DAYS CREEK RFD | 1,000 | 20 | 200 | \$50,212,370 | 8 | 2008 |
| DOUGLAS CO FIRE DIST #2 | 37,000 | 95 | | | | 2014 |
| ELKTON RFPD | 2,400 | 14 | | | | |
| FAIR OAKS RFPD | 278 | | | | | |
| GARDINER RFPD | 402 | 2 | | | | |
| GLENDALE RFPD | 1,500 | 8 | | | | |
| GLIDE RFPD | 1,795 | 25 | | | | |
| KELLOGG RFD | 900 | 20 | 392 | \$97,431,292 | 9 | 2006 |
| LOOKINGGLASS RFD | 3,200 | 100 | 1,300 | \$129,264,000 | 6/6W | 2011 |
| MILO RFPD | 320 | 18 | | | | |
| MYRTLE CREEK FD | 3,500 | 10 | 1,750 | | 4 | |
| NORTH DOUGLAS CO FIRE & EMS | 6,500 | 53 | | | | |
| OAKLAND RFPD | 1,800 | 50 | 800 | \$152,193,247 | 5 to 8 | 2006 |
| REEDSPORT VOL FD | 4,280 | 5 | | | | |
| RIDDLE RFPD | 3,200 | 15 | | | | |
| ROSEBURG FD | 22,275 | 11 | | | | |
| SCOTTSBURG RFD | 500 | 12 | | | | |
| SUTHERLIN FD | 7,810 | 6 | | | | |
| TENMILE RFPD | 3,000 | 25 | | | | |
| TILLER RFD | 400 | 4 | | | | |
| TRI CITY FIRE DIST #4 (DOUG) | 3,635 | 12 | | | | |
| WINCHESTER BAY RFPD | 500 | 1 | | | | |
| WINSTON-DILLARD FIRE DIST | 6,000 | 50 | | | | |
| GILLIAM | | | | | | |
| NORTH GILLIAM CO RFPD | 800 | 450 | | | | |
| SOUTH GILLIAM CO RFPD | 1,100 | 785 | | | | |
| GRANT | | | | | | |
| CANYON CITY FD | 660 | 6 | 330 | | 6 | 2000 |
| DAYVILLE FD | 150 | 1 | | | | |
| GRANITE CITY FD | 40 | | | | | |

APPENDIX 2

2016 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 | 6 | 500 | | 4 | |
| JOHN DAY RFPD | 1,300 | 26 | 400 | | 8 | |
| LONG CREEK FD | 195 | 5 | | | | |
| MONUMENT FD | 150 | 3 | | | | |
| MT VERNON FD | 525 | 2 | | | | |
| PRAIRIE CITY FD | 910 | 131 | | | | |
| SENECA VOL FD | 175 | 1 | 120 | | | |
| HARNEY | | | | | | |
| BURNS FD | 2,728 | 4 | | | 03/3Y | 2015 |
| HINES FD | 1,565 | 2 | | | | |
| HOOD RIVER | | | | | | |
| CASCADE LOCKS FIRE & EMS | 1,220 | 25 | | | | |
| HOOD RIVER FD | 8,000 | 3 | 1,750 | \$1,500,000,000 | 3 | 2017 |
| PARKDALE RFPD | 5,200 | 40 | | | | |
| WEST SIDE RFPD | 7,500 | 25 | 2,650 | \$554,275,237 | 3 | 2015 |
| WY-EAST RFPD | 6,800 | 30 | 2,000 | \$428,826,874 | 3 | 2015 |
| JACKSON | | | | | | |
| APPLEGATE VALLEY RFPD #9 | 10,000 | 181 | | | | |
| ASHLAND F&R | 45,700 | 650 | 16,200 | \$2,537,384,000 | 3 | 2015 |
| BUTTE FALLS VOL FD | 430 | | | | | |
| COLESTIN RFPD | 300 | 17 | | | | |
| EVANS VALLEY FIRE DIST #6 | 4,100 | 26 | 1,000 | | 5 | 2016 |
| GREENSPRINGS RFPD | 500 | 250 | 350 | | 9 | 2011 |
| JACKSON CO FD #3 | 51,000 | 167 | 20,000 | | 3/4 | 2012 |
| JACKSON CO RFPD #4 | 6,600 | 37 | | | | |
| JACKSON COUNTY FIRE DISTRICT 5 | 25,000 | 115 | | | | |
| JACKSONVILLE FD | 2,880 | 2 | | | | |
| LAKE CREEK RFPD #8 | 1,100 | 107 | 450 | | 8/6 | 2008 |
| MEDFORD FIRE-RESCUE | 90,000 | 56 | 26,310 | \$7,820,510,812 | 2/3 | 2017 |
| PROSPECT RFPD | 468 | 10 | | | | |
| ROGUE RIVER RFPD | 12,500 | 70 | 4,000 | \$750,000,000 | 3/4 | 2015 |

APPENDIX 2

2016 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 | | 2 | | | | |
| JEFFERSON | | | | | | |
| CROOKED RIVER RANCH RFPD | 5,000 | 17 | | | 4 | 2016 |
| JEFFERSON CO RFPD #1 | 14,000 | 200 | 7,000 | \$770,000,000 | 5/8 | 2012 |
| LAKE CHINOOK FIRE & RESCUE | 4,000 | 60 | 1,000 | | | |
| WARM SPRINGS FIRE SFTY | 3,800 | 900 | 530 | | | |
| JOSEPHINE | | | | | | |
| COUNTY FIRE | | | | | | |
| GRANTS PASS DEPT PUBLIC SAFETY | 35,076 | 11 | 15,500 | \$2,901,485,719 | 2 | 2015 |
| ILLINOIS VALLEY FIRE DIST | 17,000 | 144 | 4,000 | \$600,000,000 | 4 | 2016 |
| RURAL METRO FD | 32,000 | 270 | 14,000 | | 4/5/10 | 2014 |
| WILLIAMS RFPD | 2,200 | 37 | 600 | | 7 | 2006 |
| WOLF CREEK RFPD | 9,000 | 32 | | | | |
| KLAMATH | | | | | | |
| BLY RFPD | 750 | 7 | 180 | \$16,679,641 | 6 | 2000 |
| BONANZA RFPD | 10,000 | 140 | 250 | \$1,000,000 | 9 | 2014 |
| CENTRAL CASCADES FIRE & EMS | 100 | 30 | 580 | \$65,052,405 | 8B/10 | 2011 |
| CHEMULT RFPD | 1,500 | 2,000 | | | | |
| CHILOQUIN FIRE & RESCUE | 4,200 | 105 | 850 | \$244,000,000 | 4/4Y | 2015 |
| CRESCENT RFPD | 1,200 | 13 | 1,000 | \$100,000,000 | 9/5 | 2011 |
| KENO RFPD | 3,500 | 44 | 1,550 | \$200,000,000 | 5/8 | 2010 |
| KLAMATH CO FD #3 | 3,300 | 10 | | | | |
| KLAMATH CO FD #4 | 3,404 | 10 | | | | |
| KLAMATH CO FD #5 | 8,000 | 69 | | | | |
| KLAMATH CO FIRE DIST #1 | 52,000 | 192 | 18,480 | \$2,978,073,296 | 3/10W/10 | 2016 |
| MALIN RFPD | 1,500 | 87 | 500 | \$195,000,000 | 6/9 | 2007 |
| MERRILL RFPD | 1,197 | 46 | 1,488 | \$192,143,500 | 6/6/1 | |
| ROCKY POINT FIRE & EMS | 460 | 118 | | | | |

APPENDIX 2

2016 Reported Population and Valuation Resources

| County/Agency | District Population | District Size (Sq. Mi.) | Family Dwellings | Cash Value of District | ISOClass | Date Last Graded |
|----------------------------|---------------------|-------------------------|------------------|------------------------|----------|------------------|
| LAKE | | | | | | |
| CHRISTMAS VALLEY RFPD | 1,313 | 100 | | | | |
| LAKEVIEW FD | 3,300 | 72 | | | | |
| NEW PINE CREEK RFPD | 129 | 33 | 60 | \$7,490,509 | 8B | 2003 |
| PAISLEY VOL FD | 245 | 1 | | | | |
| SILVER LAKE RFPD | 50 | 130 | | | | |
| THOMAS CREEK WESTSIDE RFPD | 2,500 | 110 | | | | |
| LANE | | | | | | |
| COBURG RFPD | 2,700 | 32 | 700 | \$360,000,000 | 4/6 | 2013 |
| DEXTER RFPD | 3,000 | 23 | 1,600 | \$176,000,000 | 6 | 2015 |
| EUGENE SPRINGFIELD FIRE | 245,080 | 94 | 107,131 | \$32,225,092,328 | 3 | 2013 |
| GOSHEN FIRE DIST | 2,500 | 13 | 1,100 | | 5 | 2009 |
| JUNCTION CITY RFPD | 12,000 | 67 | 2,239 | \$1,164,760,665 | 3/3Y | 2014 |
| LAKE CREEK RFPD | 676 | 26 | | | | |
| LANE FIRE AUTHORITY | 22,374 | 276 | 7,864 | \$2,759,701,137 | 3/4 | 2015 |
| LORANE RFPD | 324 | 12 | | | | |
| LOWELL RFPD | 2,200 | 23 | 1,000 | \$161,291,264 | 4/10W | 2016 |
| MAPLETON FD | 918 | 50 | | | | |
| MCKENZIE F&R | 10,000 | 37 | 2,710 | \$914,875,766 | 5 | 2012 |
| MOHAWK VALLEY RFD | 4,500 | 26 | | \$319,425,575 | 4/5 | 2016 |
| OAKRIDGE FD | 3,240 | | | | | |
| PLEASANT HILL RFPD | 5,665 | 26 | | | | |
| SANTA CLARA RFPD | 8,000 | 7 | | | | |
| SIUSLAW VALLEY F&R | 17,500 | 110 | | | | |
| SOUTH LANE COUNTY F&R | 25,000 | 132 | | | 2/4/10W | 2016 |
| SWISSHOME-DEADWOOD RFPD | 750 | 45 | | | | |
| UPPER MCKENZIE RFPD | 1,800 | 6 | 300 | \$133,000,000 | 5/5Y | 2013 |
| LINCOLN | | | | | | |
| CENTRAL OREGON COAST F&R | 4,500 | 200 | | | | |
| DEPOE BAY RFPD | 1,420 | 10 | | | | |
| NEWPORT FD | 10,165 | | | | | |

APPENDIX 2

2016 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 | 3,540 | \$2,368,150,000 | 3/4 | 2016 |
| SEAL ROCK RFPD | 1,281 | 15 | | | | |
| SILETZ RFPD | 4,200 | 41 | | | 3/8B | 2014 |
| TOLEDO FD | 3,490 | 55 | | | | |
| YACHATS RFPD | 3,500 | 14 | | | | |
| LINN | | | | | | |
| ALBANY FD | 57,760 | 81 | | | | |
| BROWNSVILLE RFD | 3,800 | 68 | | | | |
| HALSEY-SHEDD RFPD | 915 | 110 | | | | |
| HARRISBURG FIRE & RESCUE | 5,100 | 86 | | \$679,058,792 | 4/8B/10 | 2013 |
| LEBANON FIRE DIST | 35,000 | 156 | 10,700 | \$1,900,000,000 | 3/10 | 2017 |
| LYONS RFPD | 1,160 | 37 | | | | |
| SCIO RFPD | 5,000 | 101 | 2,600 | \$610,076,012 | 4/8 | 2014 |
| SWEET HOME FIRE & AMB DIST | 9,090 | 159 | | | | |
| TANGENT RFPD | 3,400 | 45 | 1,307 | \$262,037,136 | 6/8 | 2009 |
| MALHEUR | | | | | | |
| ADRIAN RFPD | 180 | | | | | |
| NYSSA FD | 3,000 | 68 | | | | |
| ONTARIO F&R | 12,000 | 6 | 2,800 | \$624,649,500 | 3 | 2016 |
| ONTARIO RFPD #7-302 | 6,000 | 55 | 640 | \$51,787,900 | 4/8 | 2016 |
| PAYETTE RFD-OREGON | | | | | | |
| VALE FD | 5,000 | 450 | 1,400 | | 6 | 1999 |
| WEISER RFPD ANNEX-OREGON | 235 | | | | | |
| MARION | | | | | | |
| AUMSVILLE RFPD | 7,000 | 32 | 4,000 | | | |
| AURORA RFPD | 6,000 | 64 | 1,200 | \$877,031,617 | 5/5Y | 2010 |
| DRAKES CROSSING RFPD | 800 | 25 | 220 | \$106,007,761 | 8B/10 | 2010 |
| GATES RFPD | 1,000 | 21 | 400 | \$57,408,581 | 6/8 | 2005 |
| HUBBARD RFPD | 5,100 | 7 | 400 | \$278,767,216 | 4 | 2016 |
| IDANHA-DETROIT RFPD | 1,000 | 700 | 700 | \$80,000,000 | 6/6Y | 2003 |
| JEFFERSON RFPD | 13,000 | 100 | | | 4/5/9 | 2008 |
| KEIZER FIRE DIST | 38,000 | 11 | 11,224 | \$3,225,272,434 | 3 | 2009 |

APPENDIX 2

2016 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 | 50,000 | 88 | 14,434 | \$3,003,676,266 | 4/4 | 2017 |
| MILL CITY RFPD | 2,500 | 10 | 2,000 | \$175,872,626 | 4/5 | 2016 |
| MONITOR RFPD #58 | 3,400 | 34 | | | | |
| MOUNT ANGEL FIRE DIST | 6,900 | 37 | 1,700 | \$340,725,450 | 3/4 | 2016 |
| OREGON MILITARY DEPARTMENT | | | | | | |
| OREGON STATE FIRE MARSHAL | | | | | | |
| SALEM FD | 167,690 | 79 | 128,000 | | 2/2Y | 2003 |
| SILVERTON RFPD | 19,500 | 106 | 4,199 | \$2,281,624,356 | 3/10 | 2016 |
| ST PAUL FIRE DIST | 1,800 | 35 | 500 | \$153,000,000 | 7/8 | 2005 |
| STAYTON FIRE DISTRICT | 15,000 | 107 | 5,000 | \$1,573,523,789 | 5/10 | 2011 |
| SUBLIMITY FIRE DISTRICT | 4,500 | 42 | 1,000 | \$500,000,000 | 5/8B | 2009 |
| TURNER FIRE DIST | 6,000 | 37 | 2,200 | | | |
| WOODBURN FIRE DIST | 38,000 | 75 | | \$3,468,903,412 | 3/10W | 2016 |
| MORROW | | | | | | |
| BOARDMAN RFPD | 8,000 | 330 | 1,170 | \$1,732,733,406 | 9/5 | 2008 |
| HEPPNER FD | 1,295 | | | | | |
| IONE FD | 330 | | | | | |
| IRRIGON RFPD | 1,930 | | | | | |
| LEXINGTON FD | 255 | | | | | |
| MULTNOMAH | | | | | | |
| GRESHAM FIRE & EMERG SRVCS | 107,065 | 61 | 58,000 | | | |
| MULTNOMAH CO RFPD #14 | 5,200 | 40 | 1,320 | \$368,697,550 | 5/5Y | 2010 |
| PORTLAND BUREAU OF F&R&EMS | 632,309 | 160 | 269,917 | | 2 | 2015 |
| SAUVIE ISLAND VOL FD | 1,078 | 37 | 750 | | | |
| POLK | | | | | | |
| DALLAS FD | 15,040 | 5 | | \$926,014,842 | 4 | 2012 |
| FALLS CITY FD | 950 | 1 | 500 | \$51,869,870 | 4 | 2015 |
| POLK CO FIRE DIST NO 1 | 26,000 | 185 | | \$1,100,000,000 | 4/8B | 2012 |
| SPRING VALLEY RFPD | 1,100 | 32 | 625 | \$107,286,370 | 8 | 2002 |
| SW POLK CO RFPD | 6,100 | 123 | | \$554,127,250 | 7/10 | 2013 |

APPENDIX 2

2016 Reported Population and Valuation Resources

| County/Agency | District Population | District Size (Sq. Mi.) | Family Dwellings | Cash Value of District | ISOClass | Date Last Graded |
|------------------------------------|---------------------|-------------------------|------------------|------------------------|----------|------------------|
| SHERMAN | | | | | | |
| MORO FD CITY OF | 200 | 214 | 109 | | | |
| MORO RFPD | 330 | 1 | 255 | | | |
| NORTH SHERMAN CO RFPD | 1,430 | 230 | 684 | | | |
| SOUTH SHERMAN RFPD | 425 | 387 | 134 | \$88,422,022 | 6 | 2002 |
| TILLAMOOK | | | | | | |
| BAY CITY FD | 1,230 | 3 | 230 | \$160,000,000 | 3 | 2014 |
| GARIBALDI FD | 2,000 | 16 | 1,100 | \$199,036,599 | 3 | 2015 |
| NEHALEM BAY FIRE & RESCUE DISTRICT | 3,044 | 27 | 2,900 | \$1,010,926,414 | 3 | 2016 |
| NESTUCCA RFP | 5,000 | 125 | 3,000 | | 5 | 2016 |
| NETARTS-OCEANSIDE RFPD | 1,200 | 20 | 1,400 | | 5 | 2013 |
| ROCKAWAY FD | 1,335 | 3 | 2,250 | | | |
| TILLAMOOK FIRE DIST | 11,500 | 97 | 5,500 | \$1,317,068,000 | 3 | 2013 |
| UMATILLA | | | | | | |
| ATHENA FD | 1,140 | | | | | |
| EAST UMATILLA CO RFPD | 2,100 | 274 | 1,000 | \$219,276,894 | 6 | 2004 |
| ECHO RFPD | 705 | | | | | |
| HELIX RFPD | 250 | 35 | | | | |
| MILTON-FREEWATER FD | 7,050 | 2 | 2,237 | \$307,370,747 | 3 | 2016 |
| MILTON-FREEWATER RURAL FD | 6,500 | 325 | | | 8 | 2015 |
| PENDLETON FIRE & AMBULANCE SERVICE | 18,500 | 15 | | | 4 | 2007 |
| PILOT ROCK RFPD | 1,505 | 348 | 1,000 | | | |
| UKIAH FD | 245 | 1 | 177 | | | |
| UMATILLA CO FIRE DISTRICT #1 | 19,860 | | | | | |
| UMATILLA RFPD | 7,000 | 31 | 1,250 | | 5 | |
| UMATILLA TRIBAL FD | 5,000 | 277 | 3,500 | | | |
| UMATILLA TRIBAL FD | 5,000 | 277 | 3,500 | | 3 | 2006 |
| UNION | | | | | | |
| COVE RFPD | 2,650 | 39 | 740 | \$177,944,040 | 5/8 | 2009 |
| ELGIN RFPD | 1,730 | 100 | | | | |

APPENDIX 2

2016 Reported Population and Valuation Resources

| County/Agency | District Population | District Size (Sq. Mi.) | Family Dwellings | Cash Value of District | ISOClass | Date Last Graded |
|--------------------------|---------------------|-------------------------|------------------|------------------------|----------|------------------|
| IMBLER RFPD | 1,300 | 69 | 472 | | | |
| LA GRANDE FD | 14,000 | 2,037 | 5,794 | \$653,095,889 | 4 | 2006 |
| LA GRANDE RFPD | 6,000 | 135 | 1,000 | | | |
| NORTH POWDER FD | 445 | | | | | |
| POWDER RFPD | | | | | | |
| UNION EMERGENCY SERVICES | 2,150 | | | | | |
| UNION RFPD | | 25 | | | | |
| WALLOWA | | | | | | |
| ENTERPRISE FD | 3,200 | 80 | 1,800 | | | |
| JOSEPH FD | 1,095 | 75 | 2,000 | | | |
| LOSTINE FD | 300 | 5 | 125 | | | |
| WALLOWA FD | 810 | 70 | 400 | | | |
| WASCO | | | | | | |
| ANTELOPE FD | 50 | | | | | |
| DUFUR VOL FD | 605 | 1 | 330 | | | |
| JUNIPER FLAT RFPD | 204 | 93 | 200 | | | |
| MAUPIN FD | 426 | 2 | 295 | | | |
| MID-COLUMBIA F&R | 18,000 | 110 | 8,000 | | | |
| MOSIER FD | 1,400 | 22 | 600 | \$116,000,000 | 5/5Y | 2013 |
| SHANIKO VOL FD | 35 | | | | | |
| TYGH VALLEY VOL FD | 206 | 45 | 50 | | 5/5Y | 2016 |
| WAMIC RFPD | 1,500 | 46 | 700 | | | |
| WASHINGTON | | | | | | |
| BANKS FIRE DIST #13 | 6,000 | | | | | |
| CORNELIUS FD | 14,800 | 42 | 4,500 | \$778,282,760 | 4 | 2006 |
| FOREST GROVE F&R | 31,375 | 85 | 9,843 | \$1,916,203,147 | 4 | 2006 |
| GASTON RFPD | 6,100 | 55 | 2,000 | \$299,170,645 | 5/10 | 2004 |
| HILLSBORO FD | 99,340 | 25 | 45,027 | \$28,947,484,159 | 2 | 2003 |
| TUALATIN VALLEY F&R | 497,710 | 390 | 191,000+ | | 2/3/10 | 2007 |
| WASHINGTON CO FD #2 | 11,345 | 122 | 2,600 | | | |

APPENDIX 2

2016 Reported Population and Valuation Resources

| County/Agency | District Population | District Size (Sq. Mi.) | Family Dwellings | Cash Value of District | ISOClass | Date Last Graded |
|---------------------------|---------------------|-------------------------|------------------|------------------------|----------|------------------|
| WHEELER | | | | | | |
| FOSSIL VOL FD | 600 | 150 | 350 | \$17,901,190 | 6 | 2010 |
| MITCHELL VOL FD | 25 | 300 | 250 | | | |
| SPRAY VOL FD | 160 | 320 | 134 | | | |
| WHEELER CO F&R | 680 | 548 | 178 | | | |
| YAMHILL | | | | | | |
| AMITY FIRE DIST | 3,500 | 85 | 1,700 | \$325,285,474 | 4 | 2016 |
| DAYTON FIRE DISTRICT | 2,590 | 80 | 1,200 | | | |
| DUNDEE FD | 4,800 | 13 | 2,500 | | 4/4Y/9 | |
| LAFAYETTE FD | 4,000 | 1 | 1,000 | | | |
| MCMINNVILLE FD | 33,080 | 450 | 10,323 | | | |
| NEW CARLTON FIRE DISTRICT | 4,000 | 38 | 1,500 | \$274,125,629 | 5/8 | 2006 |
| NEWBERG FD | 22,900 | 65 | 10,000 | | | |
| SHERIDAN FD | 10,000 | 106 | 1,600 | | | |
| WEST VALLEY FIRE DIST | 5,000 | 327 | 3,000 | | | |
| YAMHILL FPD | 1,070 | 17 | 400 | | | |

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

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|-----------------------------|-------------|-----------------|-------------------|---------------------|
| BAKER | | | | |
| BAKER CITY FD | MUNICIPAL | COMBINATION | YES | 3 |
| BAKER RFPD | | | | |
| EAGLE VALLEY RFPD | DISTRICT | VOLUNTEER | NO | 1 |
| GREATER BOWEN VALLEY RFPD | | | | |
| HAINES FPD | DISTRICT | VOLUNTEER | NO | 9 |
| HUNTINGTON FD | MUNICIPAL | VOLUNTEER | | |
| KEATING RFPD | | | | |
| MEDICAL SPRINGS RFPD | DISTRICT | VOLUNTEER | NO | 2 |
| PINE VALLEY RFPD | | | | |
| POWDER RIVER RFPD | | | | |
| SUMPTER FD | | | | |
| BENTON | | | | |
| ADAIR RFPD | DISTRICT | COMBINATION | NO | 4 |
| ALSEA RFPD | OTHER | VOLUNTEER | NO | 6 |
| BLODGETT-SUMMIT RFPD | | | | |
| CORVALLIS FD | MUNICIPAL | COMBINATION | YES | 4 |
| HOSKINS-KINGS VLY RFPD | | | | |
| MONROE RFPD | DISTRICT | COMBINATION | NO | 10 |
| PHILOMATH F&R | DISTRICT | COMBINATION | YES | 3 |
| CLACKAMAS | | | | |
| CANBY RFPD | | | | |
| CLACKAMAS CO FIRE DIST #1 | DISTRICT | COMBINATION | YES | 6 |
| COLTON RFPD #70 | | | | |
| ESTACADA RFD #69 | DISTRICT | COMBINATION | YES | 2 |
| GLADSTONE FD | MUNICIPAL | COMBINATION | NO | 1 |
| HOODLAND FIRE DIST 74 | DISTRICT | COMBINATION | YES | |
| LAKE OSWEGO FIRE DEPARTMENT | MUNICIPAL | CAREER | | 1 |
| MOLALLA FIRE DIST | | | | |
| SANDY RFPD #72 | DISTRICT | COMBINATION | YES | 3 |
| CLATSOP | | | | |
| ASTORIA FD | MUNICIPAL | COMBINATION | YES | 2 |
| CANNON BEACH RFPD | DISTRICT | COMBINATION | NO | 5 |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 23 | 28 | 14 | YES | | YES | YES |
| 5 | | 6 | | | | |
| 13 | 0 | 22 | | | YES | YES |
| 5 | 0 | 7 | | | | |
| 15 | 1 | 24 | | YES | YES | |
| 10 | 0 | 16 | | | YES | |
| 79 | 60 | 29 | | | | |
| 14 | 1 | 24 | | | YES | |
| 33 | 7 | 36 | | YES | YES | |
| 196 | 254 | 67 | YES | | YES | |
| 35 | 14 | 44 | | YES | YES | |
| 30 | 3 | 28 | | | YES | YES |
| | 11 | 35 | | YES | YES | YES |
| 50 | 52 | 0 | | | YES | |
| 44 | 13 | 40 | | YES | YES | YES |
| 22 | 12 | 14 | | | YES | YES |
| 12 | | 15 | | YES | YES | YES |

APPENDIX 3

2016 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 | 0 |
| KNAPPA-SVENSEN-BURNSIDE RFPD | DISTRICT | COMBINATION | NO | 3 |
| LEWIS & CLARK RFPD | DISTRICT | COMBINATION | NO | 7 |
| OLNEY WALLUSKI F&R | | | | |
| SEASIDE F&R | MUNICIPAL | COMBINATION | NO | 2 |
| WARRENTON FD | MUNICIPAL | COMBINATION | | |
| WESTPORT-WAUNA RFPD | DISTRICT | VOLUNTEER | NO | 1 |
| COLUMBIA | | | | |
| CLATSKANIE RFPD | DISTRICT | COMBINATION | YES | 1 |
| COLUMBIA RIVER F&R | | | | |
| MIST BIRKENFELD RFPD | DISTRICT | COMBINATION | NO | 3 |
| SCAPPOOSE RFPD | DISTRICT | COMBINATION | YES | 6 |
| VERNONIA RFPD | DISTRICT | COMBINATION | NO | 1 |
| COOS | | | | |
| BANDON RFPD #8 | | | | |
| BRIDGE RFPD | | | | |
| CHARLESTON RFPD | DISTRICT | COMBINATION | NO | |
| COOS BAY FIRE DEPARTMENT | | | | |
| COQUILLE FD | MUNICIPAL | COMBINATION | NO | 5 |
| DORA-SITKUM RFPD | | | | |
| FAIRVIEW RFPD | DISTRICT | VOLUNTEER | NO | 2 |
| GREENACRES RFPD | DISTRICT | VOLUNTEER | NO | 1 |
| HAUSER RFPD | DISTRICT | VOLUNTEER | NO | 2 |
| LAKESIDE RFPD | | | | |
| MILLINGTON FIRE DIST #5 | | | | |
| MYRTLE POINT FIRE & AMBULANCE | | | | |
| NORTH BAY RFPD | | | | |
| NORTH BEND FD | MUNICIPAL | COMBINATION | YES | 3 |
| POWERS FD | | | | |
| SUMNER RFPD | DISTRICT | VOLUNTEER | NO | 7 |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 13 | | 21 | | | | |
| 25 | 1 | 29 | | | YES | YES |
| 6 | 2 | 4 | | | YES | |
| 22 | 2 | 23 | | YES | YES | YES |
| 22 | 1 | 29 | | YES | YES | |
| | 0 | 12 | | | YES | |
| 33 | 5 | 32 | | | YES | YES |
| | 4 | 40 | | | YES | YES |
| 9 | 0 | 10 | | | YES | |
| 19 | 11 | 11 | YES | YES | YES | YES |
| 15 | 3.25 | 51 | | | YES | |
| 36 | 18 | 28 | YES | | YES | |
| 7 | 3 | 13 | | | | |
| | | | | | | |
| | 3 | 40 | | | YES | YES |
| 35 | 4 | 44 | YES | | YES | YES |
| 9 | 0 | 24 | | | YES | |
| 7 | 0 | 8 | | | | |
| 18 | 0 | 20 | | YES | YES | YES |
| | | | | | | |
| | | | | | | |
| 35 | 10 | 28 | | | YES | |
| | | | | | | |
| 19 | | | | | YES | |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|-----------------------------|-------------|-----------------|-------------------|---------------------|
| CROOK | | | | |
| CROOK CO F&R | DISTRICT | COMBINATION | YES | 1 |
| CURRY | | | | |
| AGNESS-ILLAHE RFPD | DISTRICT | VOLUNTEER | NO | 3 |
| BROOKINGS F&R | MUNICIPAL | COMBINATION | NO | 4 |
| CAPE FERRELO RFPD | | | | |
| CEDAR VALLEY-N BANK RFPD | | | | |
| GOLD BEACH FD | | | | |
| HARBOR RFPD | DISTRICT | VOLUNTEER | NO | 9 |
| LANGLOIS RFPD #4-107 | DISTRICT | VOLUNTEER | NO | 2 |
| OPHIR RFPD | | | | |
| PISTOL RIVER FIRE DIST | | | | |
| PORT ORFORD RFPD | | | | |
| SIXES RFPD | | | | |
| WINCHUCK RFPD | DISTRICT | VOLUNTEER | NO | 0 |
| DESCHUTES | | | | |
| ALFALFA FIRE DISTRICT | DISTRICT | VOLUNTEER | | 3 |
| BEND FD | | | | |
| BLACK BUTTE RANCH RFPD | DISTRICT | COMBINATION | YES | 0 |
| CLOVERDALE RFPD | | | | |
| LA PINE RFPD | DISTRICT | COMBINATION | YES | 1 |
| OREGON OUTBACK RFPD | | | | |
| REDMOND F&R | | | | |
| SISTERS-CAMP SHERMAN RFPD | DISTRICT | COMBINATION | NO | 7 |
| SUNRIVER FIRE DEPARTMENT | DISTRICT | COMBINATION | YES | 0 |
| DOUGLAS | | | | |
| AZALEA VOLS | | | | |
| CAMAS VALLEY VOL RFD | | | | |
| CANYONVILLE SOUTH UMPQUA FD | DISTRICT | VOLUNTEER | NO | 6 |
| DAYS CREEK RFD | DISTRICT | VOLUNTEER | NO | 2 |
| DOUGLAS CO FIRE DIST #2 | DISTRICT | COMBINATION | YES | 0 |
| ELKTON RFPD | | | | |
| FAIR OAKS RFPD | | | | |
| GARDINER RFPD | | | | |
| GLENDALE RFPD | | | | |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 45 | 33 | 15 | YES | | YES | |
| 8 | 0 | 20 | YES | | YES | |
| 19 | 2 | 21 | | | | |
| | | | | | | |
| 13 | 0 | 22 | | | | |
| 10 | 0 | 12 | | | | |
| | | | | | | |
| | | | | | | |
| 5 | 0 | 0 | | | YES | |
| 12 | 1 | 19 | | | | |
| 15 | 9 | 7 | YES | | YES | |
| 34 | 25 | 24 | YES | | YES | |
| | | | | | | |
| 38 | 14 | 59 | YES | YES | YES | |
| 29 | 12 | 18 | YES | | YES | YES |
| | | | | | | |
| | | | | | | |
| 22 | 0 | 26 | | | YES | |
| 3 | 0 | 7 | | | YES | |
| 39 | 50 | 30 | YES | | YES | YES |
| | | | | | | |
| | | | | | | |
| | | | | | | |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|------------------------------|-------------|-----------------|-------------------|---------------------|
| GLIDE RFPD | | | | |
| KELLOGG RFD | | | | |
| LOOKINGGLASS RFD | DISTRICT | VOLUNTEER | NO | 4 |
| MILO RFPD | | | | |
| MYRTLE CREEK FD | | VOLUNTEER | NO | 1 |
| NORTH DOUGLAS CO FIRE & EMS | | | | |
| OAKLAND RFPD | DISTRICT | VOLUNTEER | | 1 |
| REEDSPORT VOL FD | | | | |
| RIDDLE RFPD | | | | |
| ROSEBURG FD | | | | |
| SCOTTSBURG RFD | | | | |
| SUTHERLIN FD | | | | |
| TENMILE RFPD | | | | |
| TILLER RFD | | | | |
| TRI CITY FIRE DIST #4 (DOUG) | | | | |
| WINCHESTER BAY RFPD | | | | |
| WINSTON-DILLARD FIRE DIST | | | | |
| GILLIAM | | | | |
| NORTH GILLIAM CO RFPD | | | | |
| SOUTH GILLIAM CO RFPD | | | | |
| GRANT | | | | |
| CANYON CITY FD | MUNICIPAL | VOLUNTEER | | |
| DAYVILLE FD | | | | |
| GRANITE CITY FD | | | | |
| JOHN DAY FD | MUNICIPAL | COMBINATION | NO | 1 |
| JOHN DAY RFPD | DISTRICT | COMBINATION | NO | 1 |
| LONG CREEK FD | | | | |
| MONUMENT FD | | | | |
| MT VERNON FD | | | | |
| PRAIRIE CITY FD | | | | |
| SENECA VOL FD | MUNICIPAL | VOLUNTEER | NO | 0 |
| HARNEY | | | | |
| BURNS FD | MUNICIPAL | COMBINATION | NO | 2 |
| HINES FD | | | | |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| | 0 | 15 | | | YES | |
| 13 | 0 | 25 | | | YES | |
| | | | | | | |
| 31 | | 34 | | | | |
| | | | | | | |
| 19 | | | | | YES | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | 0 | 13 | | | | YES |
| | | | | | | |
| 13 | 1 | 13 | | | | |
| 13 | 1 | 13 | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 6 | 0 | 6 | | | | |
| | | | | | | |
| 23 | 1 | 25 | | | | |
| | | | | | | |

APPENDIX 3

2016 Reported Personnel Resources

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

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 39 | 15 | 45 | YES | | YES | YES |
| 50 | 2 | 50 | | YES | | |
| 32 | 2 | 56 | | YES | YES | |
| 28 | 37 | 0 | YES | | YES | |
| 12 | 2 | 53 | | | YES | |
| 12 | 0 | 15 | | | YES | |
| 10 | | 11 | | | | |
| 68 | 84 | 0 | | | YES | |
| 18 | 14 | 9 | YES | | YES | YES |
| 7 | 7 | | | | | |
| 22 | 6 | 21 | YES | YES | YES | |
| 44 | 7 | 48 | | | | YES |
| 30 | 36 | 4 | YES | | YES | |
| 27 | 27 | | | | YES | |
| 15 | 4 | 45 | | | YES | |
| | | | | | YES | |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|-----------------------------|-------------|-----------------|-------------------|---------------------|
| WILLIAMS RFPD | DISTRICT | VOLUNTEER | NO | 1 |
| WOLF CREEK RFPD | | | | |
| KLAMATH | | | | |
| BLY RFPD | DISTRICT | VOLUNTEER | NO | 3 |
| BONANZA RFPD | DISTRICT | COMBINATION | NO | 5 |
| CENTRAL CASCADES FIRE & EMS | DISTRICT | VOLUNTEER | NO | 1 |
| CHEMULT RFPD | DISTRICT | COMBINATION | NO | 2 |
| CHILOQUIN FIRE & RESCUE | DISTRICT | COMBINATION | NO | 13 |
| CRESCENT RFPD | DISTRICT | COMBINATION | YES | 1 |
| KENO RFPD | DISTRICT | COMBINATION | NO | 6 |
| KLAMATH CO FD #3 | | | | |
| KLAMATH CO FD #4 | | | | |
| KLAMATH CO FD #5 | | | | |
| KLAMATH CO FIRE DIST #1 | DISTRICT | CAREER | YES | 3 |
| MALIN RFPD | DISTRICT | VOLUNTEER | NO | 2 |
| MERRILL RFPD | DISTRICT | VOLUNTEER | | 1 |
| ROCKY POINT FIRE & EMS | | | | |
| LAKE | | | | |
| CHRISTMAS VALLEY RFPD | | | | |
| LAKEVIEW FD | | | | |
| NEW PINE CREEK RFPD | DISTRICT | VOLUNTEER | NO | 1 |
| PAISLEY VOL FD | | | | |
| SILVER LAKE RFPD | | | | |
| THOMAS CREEK WESTSIDE RFPD | | | | |
| LANE | | | | |
| COBURG RFPD | DISTRICT | COMBINATION | NO | 3 |
| DEXTER RFPD | DISTRICT | COMBINATION | NO | 2 |
| EUGENE SPRINGFIELD FIRE | MUNICIPAL | CAREER | YES | 11 |
| GOSHEN FIRE DIST | MUNICIPAL | COMBINATION | NO | 8 |
| JUNCTION CITY RFPD | DISTRICT | COMBINATION | NO | 5 |
| LAKE CREEK RFPD | | | | |
| LANE FIRE AUTHORITY | DISTRICT | COMBINATION | YES | 29 |
| LORANE RFPD | | | | |
| LOWELL RFPD | DISTRICT | COMBINATION | NO | 5 |
| MAPLETON FD | | | | |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 3 | 1 | 4 | | | YES | YES |
| 6 | 0 | 15 | | | | |
| 19 | 3 | 24 | | | | |
| 6 | 1 | 7 | | | YES | |
| 10 | 3 | 13 | | | | |
| 20 | 4 | 41 | YES | | YES | YES |
| 8 | 4 | 13 | YES | | YES | YES |
| 14 | 2 | 18 | YES | | YES | |
| 44 | 64.5 | 0 | YES | | YES | |
| 14 | 2 | 16 | | | | |
| 32 | 0 | 33 | | | YES | |
| 9 | 0 | 10 | | | | |
| 24 | 2 | 27 | | YES | YES | |
| 16 | 2 | 16 | | | YES | YES |
| 240 | 311 | | YES | | YES | |
| 28 | 2 | | | | YES | YES |
| 25 | 6 | 25 | | | YES | |
| 73 | 33 | 76 | YES | YES | YES | YES |
| 10 | 3 | 15 | | | YES | |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|----------------------------|-------------|-----------------|-------------------|---------------------|
| MCKENZIE F&R | DISTRICT | COMBINATION | NO | 6 |
| MOHAWK VALLEY RFD | DISTRICT | COMBINATION | NO | 5 |
| OAKRIDGE FD | | | | |
| PLEASANT HILL RFPD | | | | |
| SANTA CLARA RFPD | | | | |
| SIUSLAW VALLEY F&R | | | | |
| SOUTH LANE COUNTY F&R | DISTRICT | COMBINATION | YES | 6 |
| SWISSHOME-DEADWOOD RFPD | | | | |
| UPPER MCKENZIE RFPD | DISTRICT | VOLUNTEER | NO | 4 |
| LINCOLN | | | | |
| CENTRAL OREGON COAST F&R | | | | |
| DEPOE BAY RFPD | | | | |
| NEWPORT FD | | | | |
| NORTH LINCOLN F&R DIST #1 | DISTRICT | COMBINATION | NO | 9 |
| SEAL ROCK RFPD | | | | |
| SILETZ RFPD | DISTRICT | VOLUNTEER | NO | 5 |
| TOLEDO FD | | | | |
| YACHATS RFPD | | | | |
| LINN | | | | |
| ALBANY FD | | | | |
| BROWNSVILLE RFD | DISTRICT | COMBINATION | NO | 3 |
| HALSEY-SHEDD RFPD | | | | |
| HARRISBURG FIRE & RESCUE | DISTRICT | COMBINATION | NO | 4 |
| LEBANON FIRE DIST | DISTRICT | COMBINATION | YES | 6 |
| LYONS RFPD | | | | |
| SCIO RFPD | DISTRICT | | NO | 6 |
| SWEET HOME FIRE & AMB DIST | | | | |
| TANGENT RFPD | DISTRICT | COMBINATION | NO | 3 |
| MALHEUR | | | | |
| ADRIAN RFPD | | | | |
| NYSSA FD | | | | |
| ONTARIO F&R | MUNICIPAL | COMBINATION | YES | 0 |
| ONTARIO RFPD #7-302 | DISTRICT | COMBINATION | YES | 0 |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 33 | 7 | 52 | | | | |
| 26 | 3 | 28 | | | YES | |
| | | | | | | |
| | | | | | | |
| 37 | 25 | 24 | YES | YES | YES | |
| 12 | | | | | YES | |
| | | | | | | |
| | | | | | | |
| 43 | 9 | 65 | | | | |
| 15 | 2 | 20 | | YES | YES | |
| | | | | | | |
| | | | | | | |
| 21 | 1 | 23 | | | | |
| 22 | 4 | 22 | | | YES | |
| 60 | 34 | 54 | YES | YES | YES | YES |
| | | | | | | |
| 29 | 2 | 49 | | | YES | |
| | | | | | | |
| 30 | 3.5 | 34 | | YES | YES | YES |
| | | | | | | |
| | | | | | | |
| 34 | 35 | | | | YES | YES |
| 34 | 35 | | | | YES | YES |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|-----------------------------|---------------------------|-----------------|-------------------|---------------------|
| PAYETTE RFD-OREGON | SUBSCRIPTION - NON PROFIT | VOLUNTEER | NO | 2 |
| VALE FD | MUNICIPAL | VOLUNTEER | NO | 6 |
| WEISER RFPD ANNEX-OREGON | | | | |
| MARION | | | | |
| AUMSVILLE RFPD | | | | |
| AURORA RFPD | MUNICIPAL | COMBINATION | NO | 5 |
| DRAKES CROSSING RFPD | DISTRICT | VOLUNTEER | NO | 0 |
| GATES RFPD | DISTRICT | VOLUNTEER | NO | 1 |
| HUBBARD RFPD | DISTRICT | COMBINATION | NO | 4 |
| IDANHA-DETROIT RFPD | DISTRICT | COMBINATION | NO | 5 |
| JEFFERSON RFPD | DISTRICT | COMBINATION | NO | 3 |
| KEIZER FIRE DIST | DISTRICT | COMBINATION | YES | 4 |
| MARION COUNTY FIRE DISTRICT | DISTRICT | COMBINATION | YES | 5 |
| MILL CITY RFPD | DISTRICT | COMBINATION | NO | 1 |
| MONITOR RFPD #58 | | | | |
| MOUNT ANGEL FIRE DIST | DISTRICT | VOLUNTEER | NO | 5 |
| OREGON MILITARY DEPARTMENT | STATE | CAREER | | |
| OREGON STATE FIRE MARSHAL | STATE | CAREER | YES | |
| SALEM FD | MUNICIPAL | CAREER | YES | 3 |
| SILVERTON RFPD | DISTRICT | COMBINATION | NO | 12 |
| ST PAUL FIRE DIST | DISTRICT | VOLUNTEER | NO | |
| STAYTON FIRE DISTRICT | DISTRICT | COMBINATION | NO | 9 |
| SUBLIMITY FIRE DISTRICT | DISTRICT | COMBINATION | NO | 5 |
| TURNER FIRE DIST | DISTRICT | COMBINATION | NO | |
| WOODBURN FIRE DIST | DISTRICT | COMBINATION | YES | 2 |
| MORROW | | | | |
| BOARDMAN RFPD | DISTRICT | COMBINATION | NO | 4 |
| HEPPNER FD | | | | |
| IONE FD | | | | |
| IRRIGON RFPD | | | | |
| LEXINGTON FD | | | | |
| MULTNOMAH | | | | |
| GRESHAM FIRE & EMERG SRVCS | MUNICIPAL | CAREER | YES | 4 |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 24 | 0 | 26 | | | | |
| 10 | | 16 | YES | | YES | |
| 28 | 4 | 29 | | | YES | YES |
| 12 | 0 | 27 | | | YES | YES |
| 12 | 0 | 12 | | | YES | |
| 16 | 1 | 20 | | | YES | |
| 20 | 5 | 20 | | | YES | YES |
| 17 | 26 | 30 | YES | | YES | YES |
| 27 | 34 | 17 | YES | YES | YES | |
| 88 | 46 | 62 | YES | YES | YES | |
| 18 | 2 | 18 | | | | |
| 32 | 1.5 | 39 | | | YES | |
| | 67 | 0 | | | | |
| 144 | 152 | 0 | | | YES | |
| 55 | 8 | 60 | | YES | YES | YES |
| 25 | 15 | 30 | YES | | YES | |
| 40 | 6 | 60 | | | YES | YES |
| 25 | 2 | 36 | | | | |
| 45 | 15 | 33 | | | YES | YES |
| 24 | 10 | 30 | | | | |
| | | | | | | |
| | | | | | | |
| 86 | 97 | | | | YES | |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|------------------------------------|----------------------|-----------------|-------------------|---------------------|
| MULTNOMAH CO RFPD #14 | DISTRICT | VOLUNTEER | NO | 3 |
| PORTLAND BUREAU OF F&R&EMS | MUNICIPAL | CAREER | YES | 48 |
| SAUVIE ISLAND VOL FD | | | | |
| POLK | | | | |
| DALLAS FD | MUNICIPAL | COMBINATION | YES | 4 |
| FALLS CITY FD | MUNICIPAL | VOLUNTEER | NO | 14 |
| POLK CO FIRE DIST NO 1 | DISTRICT | COMBINATION | YES | 3 |
| SPRING VALLEY RFPD | DISTRICT | VOLUNTEER | NO | 0 |
| SW POLK CO RFPD | DISTRICT | VOLUNTEER | NO | 2 |
| SHERMAN | | | | |
| MORO FD CITY OF | | | | |
| MORO RFPD | | | | |
| NORTH SHERMAN CO RFPD | | | | |
| SOUTH SHERMAN RFPD | | | | |
| TILLAMOOK | | | | |
| BAY CITY FD | MUNICIPAL | VOLUNTEER | NO | 1 |
| GARIBALDI FD | MUNICIPAL | VOLUNTEER | NO | 2 |
| NEHALEM BAY FIRE & RESCUE DISTRICT | DISTRICT | COMBINATION | NO | |
| NESTUCCA RFP | DISTRICT | COMBINATION | NO | 6 |
| NETARTS-OCEANSIDE RFPD | DISTRICT | COMBINATION | NO | 5 |
| ROCKAWAY FD | | | | |
| TILLAMOOK FIRE DIST | DISTRICT | COMBINATION | NO | 2 |
| UMATILLA | | | | |
| ATHENA FD | | | | |
| EAST UMATILLA CO RFPD | | | | |
| ECHO RFPD | | | | |
| HELIX RFPD | | | | |
| MILTON-FREEWATER FD | MUNICIPAL | VOLUNTEER | NO | 1 |
| MILTON-FREEWATER RURAL FD | PRIVATE - FOR PROFIT | COMBINATION | NO | 3 |
| PENDLETON FIRE & AMBULANCE SERVICE | | | | |
| PILOT ROCK RFPD | | | | |
| UKIAH FD | | | | |

| Male Firefighters | Paid Staff | Volunteer Staff | Ambulance Service | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 30 | 2 | 33 | | YES | YES | |
| 636 | 740 | 0 | | | YES | |
| | | | | | | |
| 31 | 18 | 47 | YES | YES | YES | |
| 23 | 0 | 37 | | YES | YES | |
| 59 | 16 | 66 | YES | | YES | |
| 11 | 0 | | | | YES | YES |
| 13 | 0 | 15 | | YES | YES | |
| | | | | | | |
| | | | | | | |
| | 1 | 24 | YES | | YES | |
| | | | | | | |
| 18 | 0 | | | | YES | YES |
| 12 | 1 | 12 | | | | YES |
| | 3 | 30 | | | YES | YES |
| 24 | 6 | 30 | | | | YES |
| 15 | 3 | 23 | | YES | YES | |
| | | | | | | |
| 40 | 4 | 38 | | | YES | YES |
| | | | | | | |
| | | | | YES | | YES |
| | | | | | | |
| 21 | 2 | 22 | | | | YES |
| 19 | 9 | 14 | YES | | YES | YES |
| | | | YES | | YES | |
| | | | | | | |
| | | | | | | |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|------------------------------|-------------|-----------------|-------------------|---------------------|
| UMATILLA CO FIRE DISTRICT #1 | | | | |
| UMATILLA RFPD | DISTRICT | COMBINATION | NO | 4 |
| UMATILLA TRIBAL FD | | | | |
| UMATILLA TRIBAL FD | TRIBAL | COMBINATION | | 1 |
| UNION | | | | |
| COVE RFPD | DISTRICT | VOLUNTEER | NO | 1 |
| ELGIN RFPD | | | | |
| IMBLER RFPD | | | | |
| LA GRANDE FD | MUNICIPAL | COMBINATION | YES | 3 |
| LA GRANDE RFPD | | | | |
| NORTH POWDER FD | | | | |
| POWDER RFPD | | | | |
| UNION EMERGENCY SERVICES | | | | |
| UNION RFPD | | | | |
| WALLOWA | | | | |
| ENTERPRISE FD | | | | |
| JOSEPH FD | | | | |
| LOSTINE FD | | | | |
| WALLOWA FD | | | | |
| WASCO | | | | |
| ANTELOPE FD | | | | |
| DUFUR VOL FD | | | | |
| JUNIPER FLAT RFPD | | | | |
| MAUPIN FD | | | | |
| MID-COLUMBIA F&R | | | | |
| MOSIER FD | DISTRICT | COMBINATION | NO | 3 |
| SHANIKO VOL FD | | | | |
| TYGH VALLEY VOL FD | DISTRICT | VOLUNTEER | | |
| WAMIC RFPD | | | | |
| WASHINGTON | | | | |
| BANKS FIRE DIST #13 | | | | |
| CORNELIUS FD | MUNICIPAL | COMBINATION | YES | 1 |
| FOREST GROVE F&R | MUNICIPAL | COMBINATION | YES | 4 |
| GASTON RFPD | DISTRICT | COMBINATION | NO | 3 |

APPENDIX 3

2016 Reported Personnel Resources

| County/Agency | Agency Type | Employment Type | Union Affiliation | Female Firefighters |
|---------------------------|-------------|-----------------|-------------------|---------------------|
| HILLSBORO FD | MUNICIPAL | CAREER | YES | 2 |
| TUALATIN VALLEY F&R | DISTRICT | COMBINATION | YES | 21 |
| WASHINGTON CO FD #2 | | | | |
| WHEELER | | | | |
| FOSSIL VOL FD | MUNICIPAL | VOLUNTEER | NO | 2 |
| MITCHELL VOL FD | | | | |
| SPRAY VOL FD | | | | |
| WHEELER CO F&R | | | | |
| YAMHILL | | | | |
| AMITY FIRE DIST | DISTRICT | VOLUNTEER | NO | 4 |
| DAYTON FIRE DISTRICT | | | | |
| DUNDEE FD | MUNICIPAL | COMBINATION | NO | 1 |
| LAFAYETTE FD | | VOLUNTEER | NO | |
| MCMINNVILLE FD | | | | |
| NEW CARLTON FIRE DISTRICT | DISTRICT | VOLUNTEER | | 5 |
| NEWBERG FD | | | | |
| SHERIDAN FD | | | | |
| WEST VALLEY FIRE DIST | | | | |
| YAMHILL FPD | | | | |

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 | Retirement Plan | Emergency Medical Services | Volunteer Pay |
|-------------------|------------|-----------------|-------------------|-----------------|----------------------------|---------------|
| 80 | 107 | 0 | YES | | YES | |
| 388 | 554 | 97 | YES | YES | YES | |
| | | | | | | |
| 12 | 0 | 14 | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 34 | 1 | 38 | | YES | | |
| | | | | | | |
| 24 | 4 | 22 | | | YES | YES |
| | | | | | | |
| | | | | | | |
| 19 | | 26 | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

APPENDIX 4

APPENDIX 4

| 2016 Fire Agencies Not Reporting | |
|----------------------------------|-------------------------|
| ATHENA FD | MILO RFPD |
| BUTTE FALLS VOL FD | MT VERNON FD |
| CANYONVILLE SOUTH UMPQUA FD | NORTH BAY RFPD |
| COQUILLE FD | OPHIR RFPD |
| DAYVILLE FD | POWDER RFPD |
| FAIR OAKS RFPD | PROSPECT RFPD |
| GARDINER RFPD | ROCKY POINT FIRE & EMS |
| GREENSPRINGS RFPD | SAUVIE ISLAND VOL FD |
| IMBLER RFPD | SCOTTSBURG RFD |
| LAKE CREEK RFPD #8 | SPRING VALLEY RFPD |
| LANGLOIS RFPD #4-107 | SWISSHOME-DEADWOOD RFPD |
| MAPLETON FD | WILLIAMS RFPD |
| MILLINGTON FIRE DIST #5 | WINCHESTER BAY RFPD |

The information in Appendix 4 was obtained from the Oregon Fire Bridge™ on March 31, 2017. 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 2016. 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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