

OREGON OFFICE OF STATE FIRE MARSHAL ANNUAL REPORT SUPPLEMENT 2020





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. Report data is primarily submitted to the Office of State Fire Marshal (OSFM) by Oregon's structural fire agencies using the NFIRS format and standards.

Oregon ImageTrend Elite - Oregon's incident reporting system is a real-time web-based reporting system that is NFIRS compliant. Incident reports are required to be submitted to OSFM under ORS 476.210 and must be compliant with the current NFIRS reporting standard. Incident reports are submitted to OSFM from fire agencies in Oregon and are maintained in the OSFM fire data repositories. Data entered into ImageTrend software 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 vary from what is currently reported.

Statewide Incident Summary - The data in this section was obtained from ImageTrend Elite records management system 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 March 31, 2021.

Fires in Oregon - The data in this section was obtained from ImageTrend Elite records management system and includes only incidents that involved an actual fire. The data in this section includes only incidents reported to the OSFM on or before March 31, 2021.

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 OSFM, and meets or exceeds certain requirements of the federal Emergency Planning and Community Right to Know Act. The law requires the OSFM to survey facilities annually in order to collect, validate, and disseminate information on hazardous substances located throughout the state. This supplemental report summarizes the information reported by facilities on the Hazardous Substance Information Survey.

Certain hazardous substance incidents are required to be reported to the OSFM under ORS 453.342. The ImageTrend Reporting system is the online database the OSFM makes available for fire agencies to enter hazardous substance incidents. A snapshot of the hazardous substance incidents that occurred in 2020 was taken on March 31, 2021, 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.

Historical Data - Data presented in this report reflects 2020 NFIRS reports that were submitted to OSFM prior to April 1, 2021. Report data submitted after the April 1st deadline is not included.

Appendices - The information in the report appendices was obtained from ImageTrend Reporting software, 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.

Data Quality - The source of data presented in this report is NFIRS reports submitted by Oregon's fire agencies. The fire agencies alone are responsible for the content of each report. OSFM is the custodian of these records only and do not alter the content in any way.

Methodologies

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

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

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

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

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

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

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

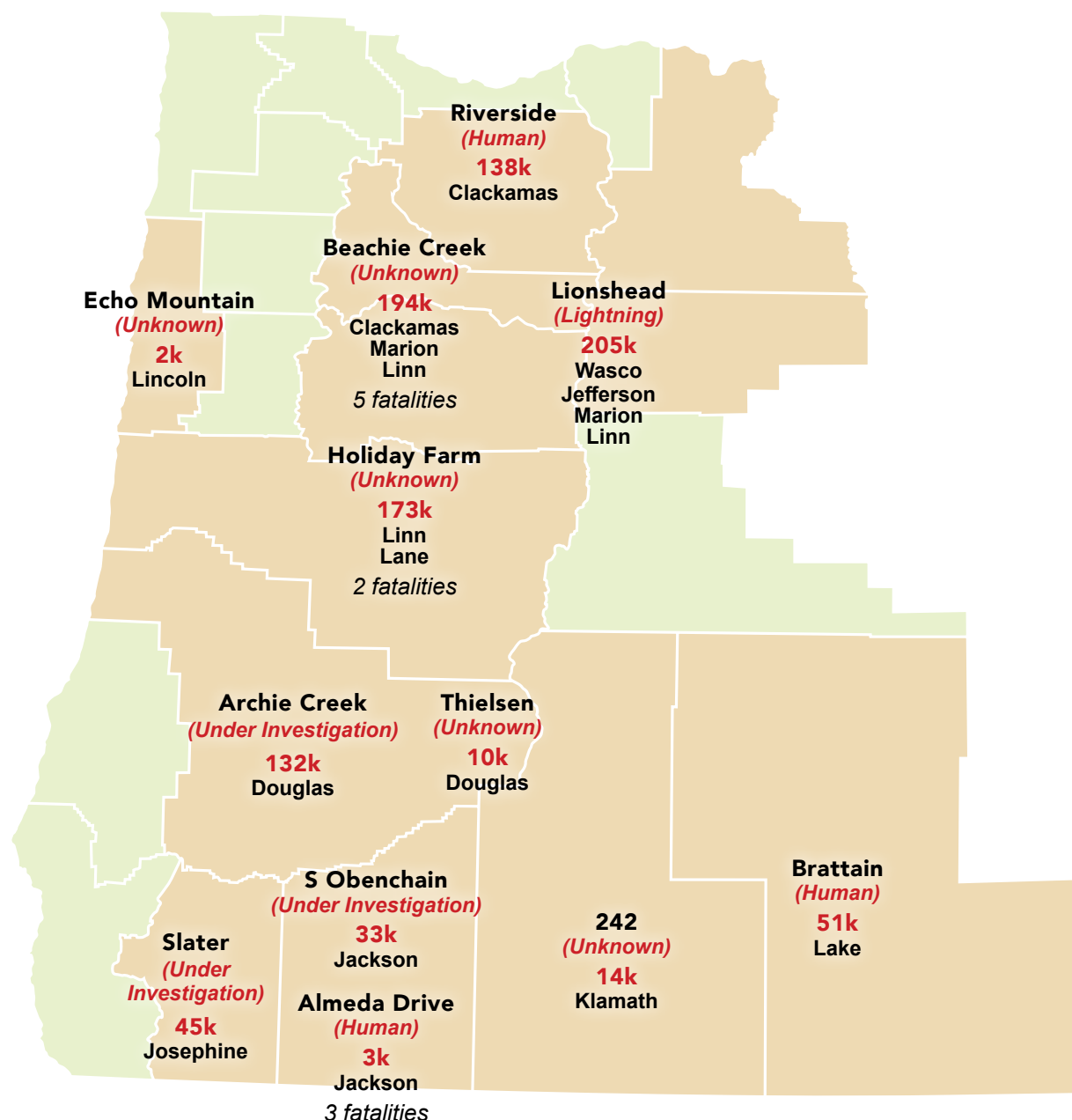
Youth Involved With Fire – Interventions - Information in this section is based on entries into the JFSI/Walk-in Module of the Oregon Fire Bridge™ and includes both instances when there was a fire agency response and when there was not. All interventions occurring in 2020 that were reported as of March 31, 2021 were included.

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

STATEWIDE INCIDENT SUMMARY

September Wildfires

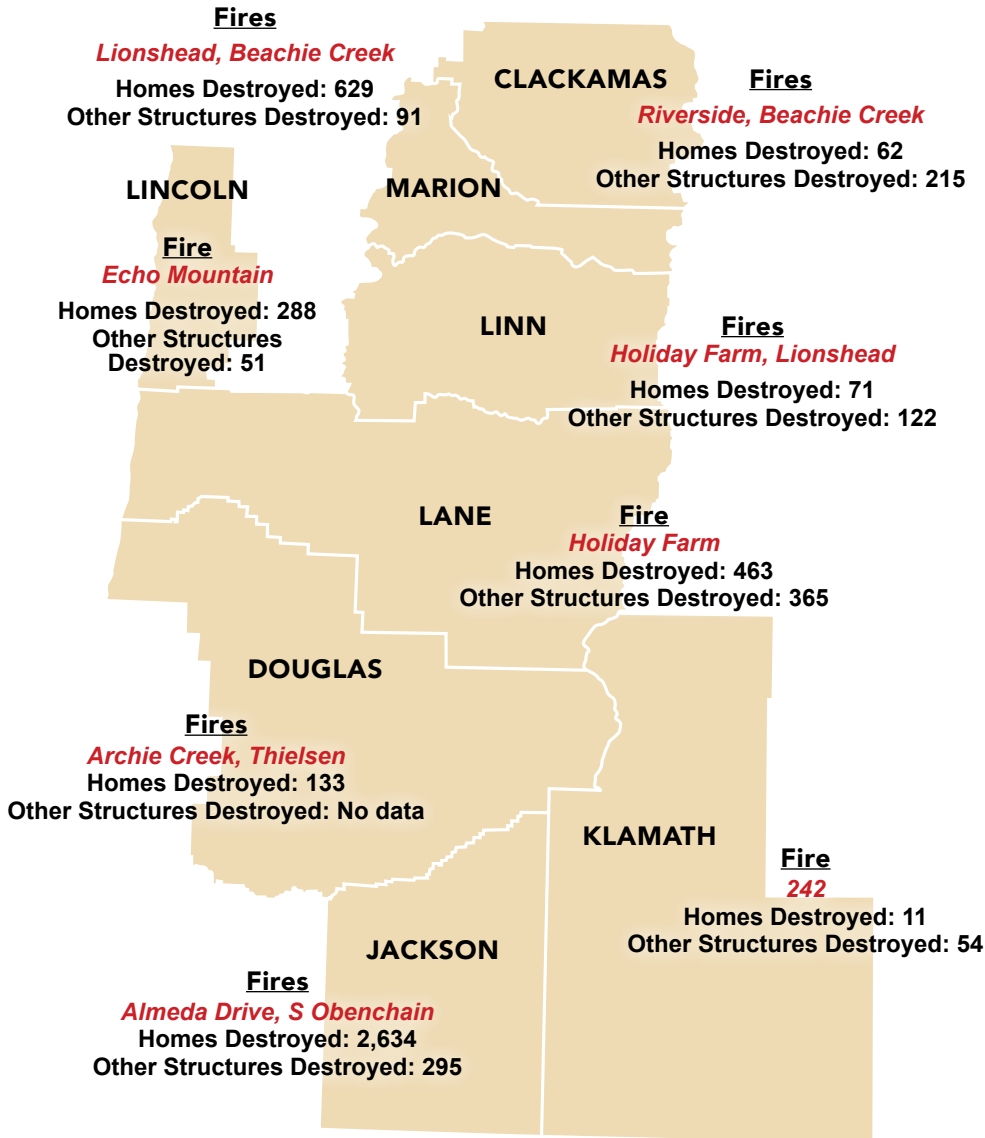
In early September, Oregon experienced one of the most destructive wildfire periods on record. There were 21 named major fires along with hundreds of other related fire incidents. Over four thousand homes were destroyed along with almost twelve hundred other structures. Shown below are the major fires (over 2,000 acres), their name, cause, total acres burned, counties affected, and fatalities, if any.



Source: Oregon Office of Emergency Management. 2021. 2020 Oregon Wildfire Spotlight

BUILDINGS DESTROYED PER COUNTY

The counties shown below reported homes and other structures destroyed in the fires.



Source: Oregon Office of Emergency Management.2021.2020 Oregon Wildfire Spotlight

Fire Incident Reporting and Reporting Compliance

The following is an overview of all incident responses by Oregon fire agencies in 2020.

Oregon Revised Statute 476.210(2) states in part that “The fire chief of every city or rural fire protection district shall provide the State Fire Marshal with a full report of every fire occurring within the jurisdiction of the chief on a form provided or approved by the State Fire Marshal”.

The Oregon State Fire Marshal utilizes the National Fire Incident Reporting System (NFIRS) form as mandated by FEMA to document fire incident information.

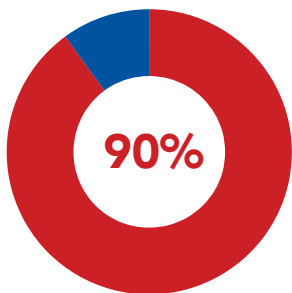
Oregon’s structure firefighting agencies may use the State Fire Marshal’s NFIRS reporting application or they may choose to use an approved third-party vendor. Regardless of the system used, mandatory reporting requirements apply to all Oregon structure firefighting agencies.

OREGON’S 2020 NFIRS SUBMISSIONS

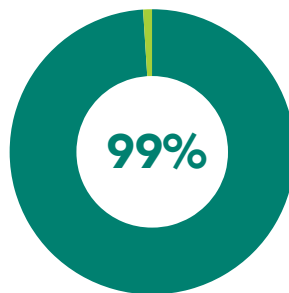
Number of Structure Firefighting Agencies: **310**

Number of Agencies Reporting: **280**

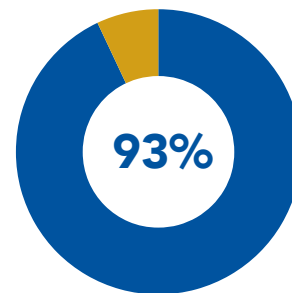
**Percentage of
Agencies Reporting**



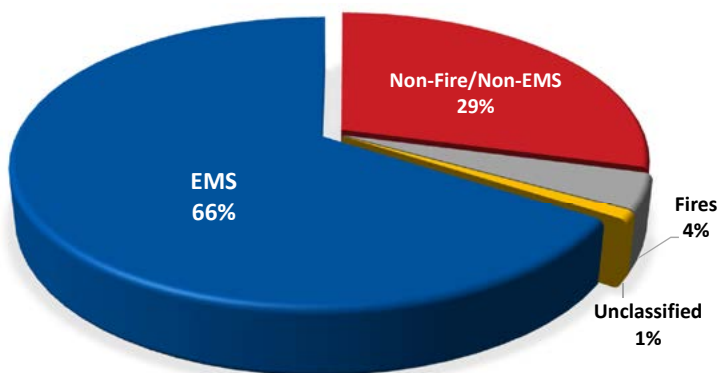
**Percentage of State
Population Represented**



**Percentage of NFIRS
Reports Validated to 100%**



2020 Incident Type Categories



EMS	238,362
Non-Fire/Non-EMS	106,542
Fire	14,692
Unclassified	3,761
Total	363,627

OSFM Analytics & Intelligence Unit, 2021, Previous Year Total Incidents Data Set,
Fire Incidents (Fire agency submitted NFIRS reports)

Multi-Year Trends

Key Statewide Annual Statistics	2016	2017	2018	2019	2020
Total Fire Agencies	316	316	310	306	310
Fire Agencies Reporting	290	280	252	270	280
Percentage of Agencies Reporting	92%	89%	81%	88%	90%
Total Fire Incidents	16,469	16,852	16,089	13,012	14,962
Total Medical Incidents	261,132	232,036	222,207	237,146	238,362
Total Non-Fire/Non-Medical Incidents	96,214	92,443	88,536	98,640	106,542
Total Unclassified Incidents	551	555	727	4,042	3,761
Total Runs Reported	374,366	341,886	327,559	352,840	363,627
100% Valid Reports	359,833	330,033	310,500	335,199	338,146
Incident Report Validity Rate	95%	97%	95%	95%	93%
Total Aid Given Calls	20,232	18,706	16,268	17,564	21,624
Total Cancelled En-route Calls	27,197	24,640	26,626	28,104	32,300
Total Estimated Dollar Loss (millions)	\$251	\$170	\$158	\$143	\$200
Total Estimated Residential Dollar Loss (millions)	\$96	\$107	\$80	\$82	\$95
Total Fire Related Fatalities	44	59	66	47	51
Total Fire Related Civilian Injuries	290	262	182	270	172
Total Firefighter Injuries	116	125	120	87	175*

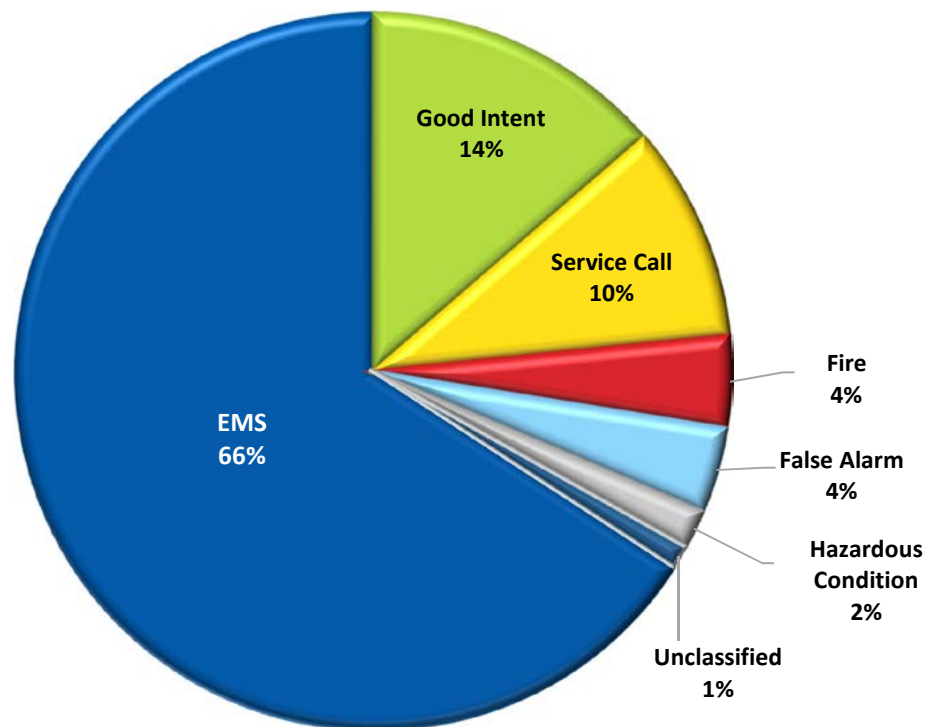
* 67 injuries between 9/7 and 9/10 during the September wildfire event.

OSFM Analytics & Intelligence Unit, 2021, Previous Year Total Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Incident Types

The following charts represent a breakdown of the types of incidents Oregon fire agencies responded to in 2020. Incident types are broken down into nine general categories or “series” shown 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 upon arrival. A breakdown of the fire situations is provided later in this report.

2020 Total by Incident by Type



Series	Incident Type	Count	%
100	Fire	14,962	4.1%
200	Overpressure	336	0.1%
300	EMS	238,362	65.6%
400	Hazardous condition	6,293	1.7%
500	Service call	35,330	9.7%
600	Good intent	49,406	13.6%
700	False alarm	13,955	3.8%
800	Natural disaster	202	0.1%
900	Special incident type	1,020	0.3%
U	Unclassified	3,761	1.0%
Total		363,627	100.0%

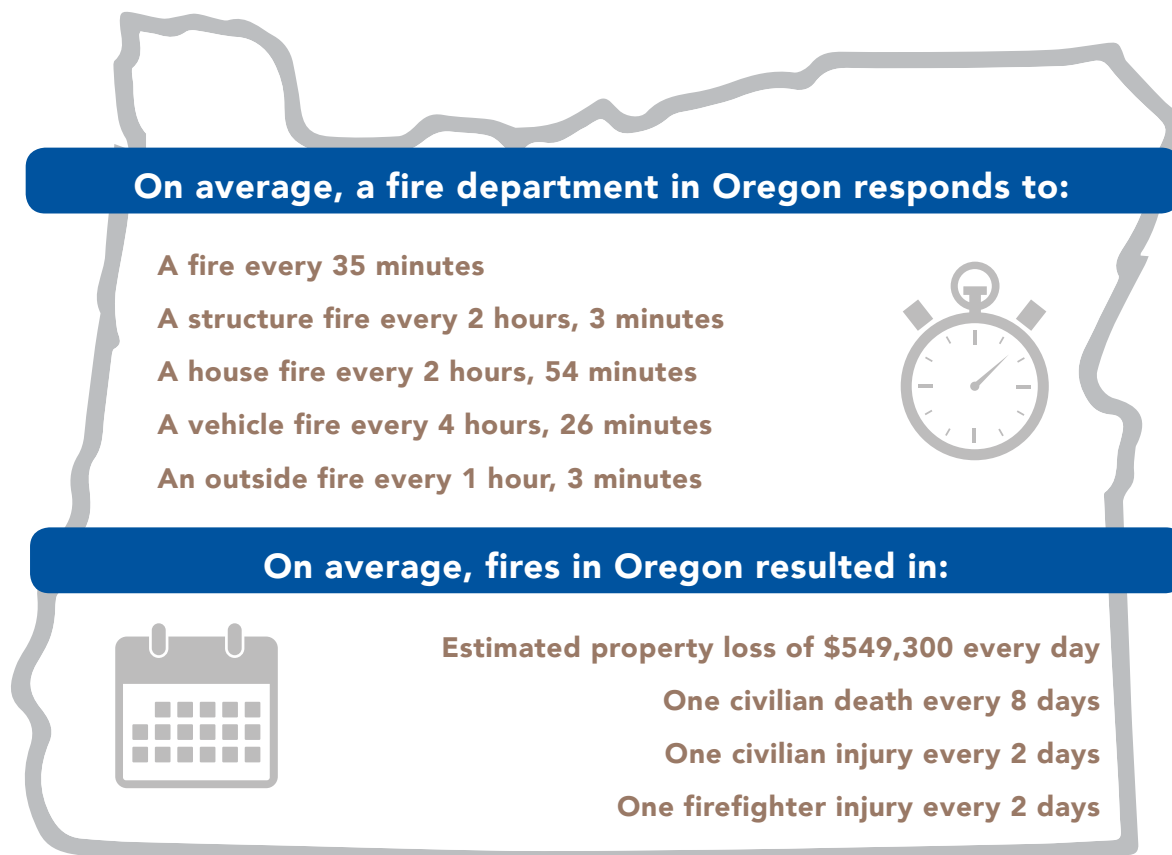
OSFM Analytics & Intelligence Unit, 2021, Previous Year Total Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)



FIRES IN OREGON

Oregon Fire Clock

Oregon's structural fire agencies responded to **14,962** fires in 2020. This represents a **15% increase** from 2019.



Listed below are the calendar dates that had the most structure fires in 2020. *These dates do not include the September wildfires.*

Date	Fires	Date	Fires
January 19th	28	December 25th	16
July 5th	19	August 17th	14
August 14th	19	March 3rd	13
July 17th	17	March 20th	13
January 16th	16	November 14th	13
April 14th	16		

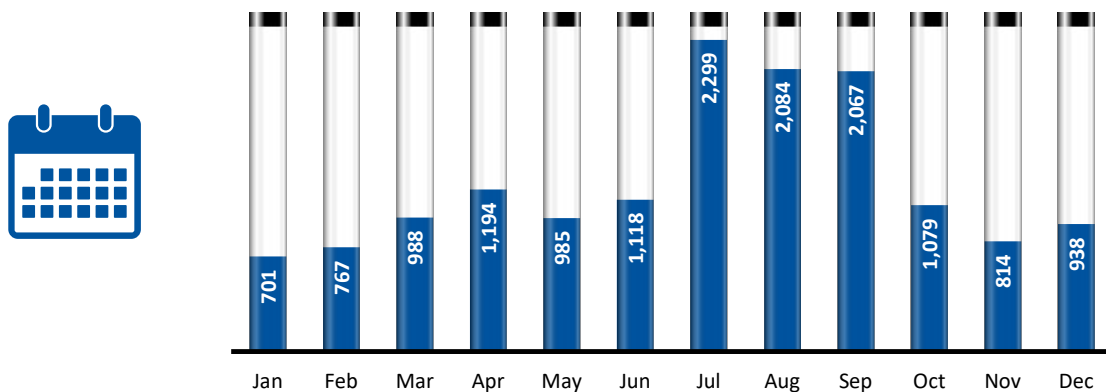
OSFM Analytics & Intelligence Unit, 2021, Previous Year Total Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Chronology of Oregon Fires

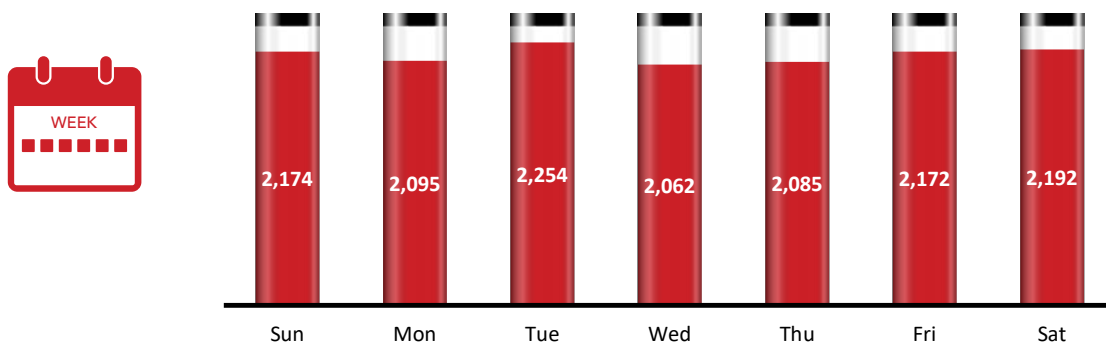
FIRES BY MONTH, DAY OF WEEK, AND HOUR

In 2020, there were 15,034 fire reports that had data available to determine date/time totals.

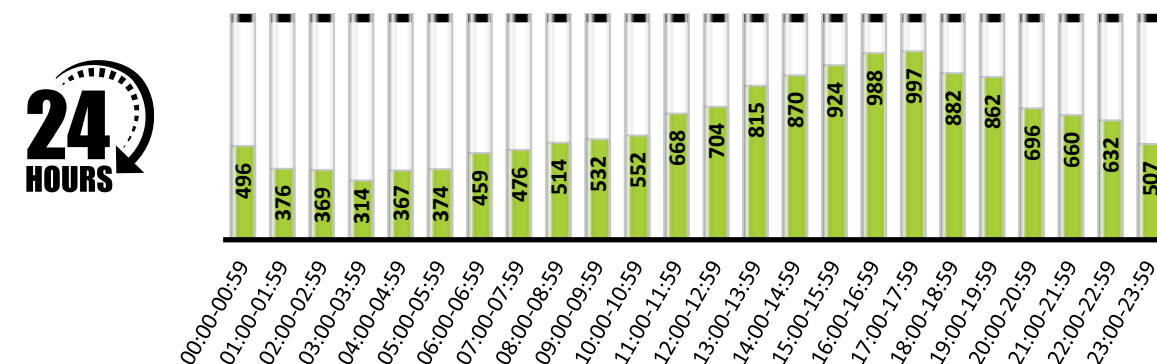
2020 Oregon Fires by Month



2020 Oregon Fires by Day of Week



2020 Oregon Fires by Hour of Day

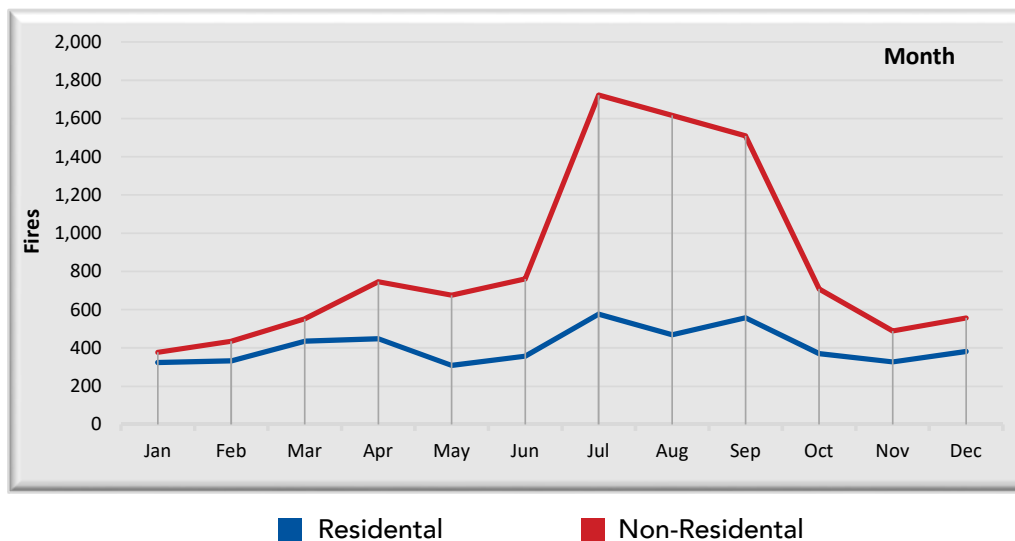


OSFM Analytics & Intelligence Unit, 2021, Previous Year Total Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

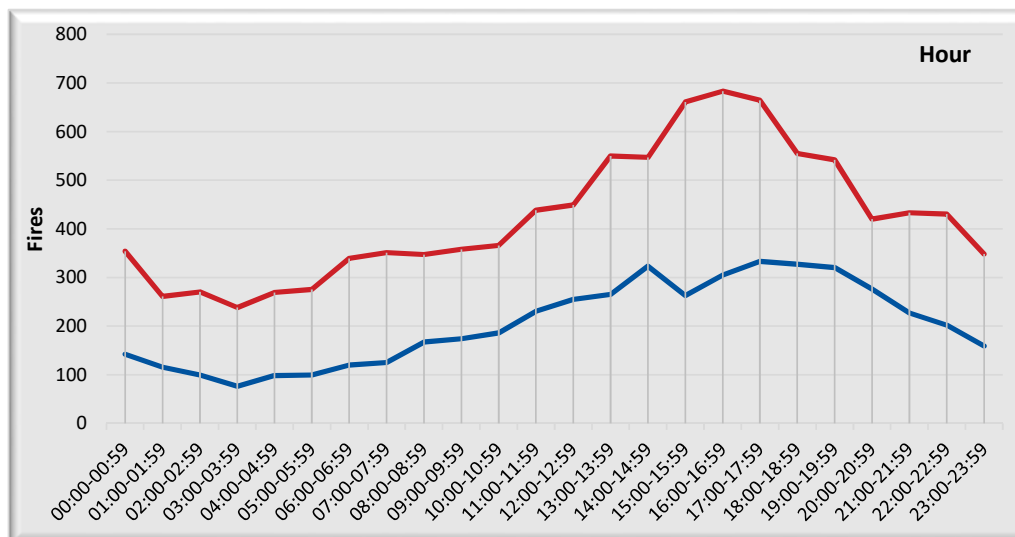
Chronology of Residential & Non-Residential Fires

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 bunkhouses. Non-residential fires include all property types not identified as residential. Residential fires are represented by the blue line, while non-residential fires are represented by the red line.

2020 Oregon Residential Fires by Month of Year



2020 Oregon Residential Fires by Hour of Day



OSFM Analytics & Intelligence Unit, 2021, Previous Year Total Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Fire Causes

Causal information is based upon the hierarchy methodology used by the U.S. Fire Administration to identify fire causes from specific categories using NFIRS data. The following chart displays the overall causes of all fire types for Oregon in 2020.

Causes of Fires in 2019	Fires	%
Intentional	2,223	14.8%
Other Unintentional	1,480	9.8%
Smoking	1,448	9.6%
Cooking	700	4.7%
Under Investigation	629	4.2%
Unclassified Equipment Unknown Fuel	622	4.1%
Heating	564	3.8%
Ember/Rekindle	562	3.7%
Other Hot Object	529	3.5%
Trash/Rubbish	441	2.9%
Natural	433	2.9%
Unclassified Electrical Malfunction	423	2.8%
Other Open Flame/Spark	323	2.1%
Electrical Distribution	262	1.7%
Appliances	192	1.3%
Equipment Failure/Malfunction	144	1.0%
Matches/Candles	141	0.9%
Fireworks	129	0.9%
Special Equipment	103	0.7%
Friction/Hot Material	103	0.7%
Vehicle Engine	95	0.6%
Children & Other Playing	88	0.6%
Unclassified Fuel Powered Equipment	59	0.4%
Air Conditioning	58	0.4%
Torches	53	0.4%
Explosives	29	0.2%
Exposure 2	25	0.2%
Service Equipment	22	0.1%
Processing Equipment	13	0.1%
Open Fire	1	0.0%
Unknown	3,137	20.9%
Total	15,031	100.0%

OSFM Analytics & Intelligence Unit, 2021, Previous Year Total Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

SIGNIFICANT FIVE-YEAR TRENDS 2016-2020

SMOKING
-32.2%



HEATING
-19.7%



COOKING
-13.5%



**TRASH/
RUBBISH**
+233.0%



**UNDER
INVESTIGATION**
+35.4%



INTENTIONAL
+19.7%



ALL FIRES

Statistically trending *unchanged*
for the same five-year period.

Fire by Type

Year-to-Year Comparison of Types of Fires & Five-Year Trends



Structure Fires: i.e. building fires, cooking fires, chimney fires						
29% of all fires in 2020	2016	2017	2018	2019	2020	Trend
Total structure fires	3,919	4,775	3,529	3,894	4,279	Unchanged
Civilian deaths	36	40	35	33	25	-29%
Civilian injuries	207	161	125	181	132	-28%
Fire service injuries	64	86	67	73	89	+22%
Damage in millions	\$171	\$160	\$131	\$124	\$118	-34%



Vehicle Fires: i.e. passenger vehicles, trucks, rail cars, aircraft, RVs						
14% of all fires in 2020	2016	2017	2018	2019	2020	Trend
Total vehicle fires	1,893	2,431	1,690	1,796	1,980	-9%
Civilian deaths	8	16	20	12	11	+6%
Civilian injuries	26	27	27	19	17	-37%
Fire service injuries	1	1	3	1	11	+133%
Damage in millions	\$23	\$21	\$16	\$15	\$17	-33%



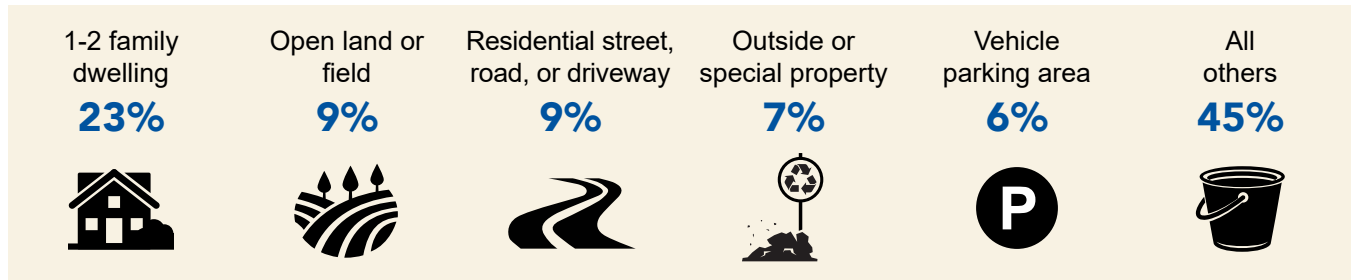
Outdoor Fires: i.e. forest, wildland, brush, grass, rubbish, crops						
57% of all fires in 2020	2016	2017	2018	2019	2020	Trend
Total outdoor fires	6,992	9,192	7,368	7,227	8,382	+4%
Civilian deaths	1	3	6	1	10	+640%
Civilian injuries	19	18	36	25	22	+24%
Fire service injuries	16	24	20	21	75	+561%
Damage in millions	\$5	\$5	\$10	\$3	\$103	+570%

Dollar amounts are estimates made by on-scene firefighters and are not actual insurance estimates. Percentages are of the 14,461 fires that had enough data to divide into categories.

OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

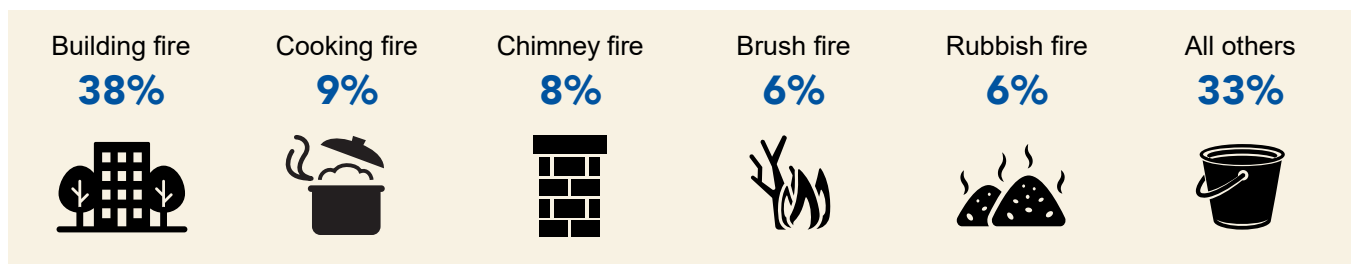
Fires by Property Use

2020 All Fires in Oregon – Top Five Property Uses

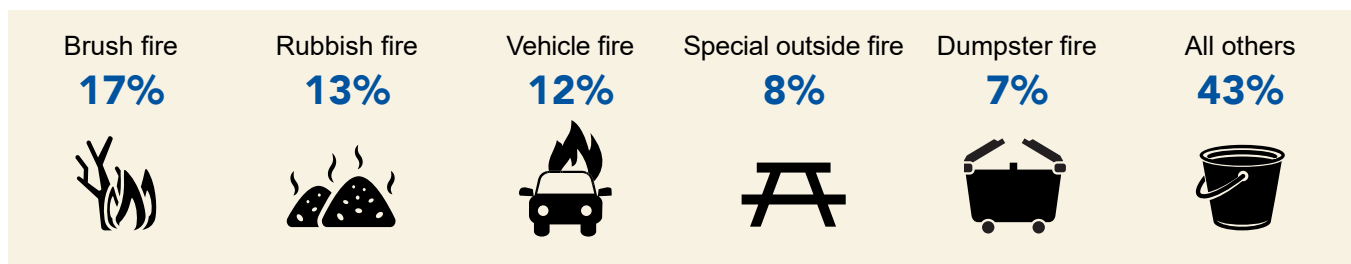


Property Use	Count
1 or 2 family dwelling	3,555
Open land or field	1,416
Residential street, road or residential driveway	1,333
Outside or special property, other	1,077
Vehicle parking area	941
All others	7,037
Total	15,359

2020 Top Five Incident Types for Residential Fires



2020 Top Five Incident Types for Non-Residential Fires



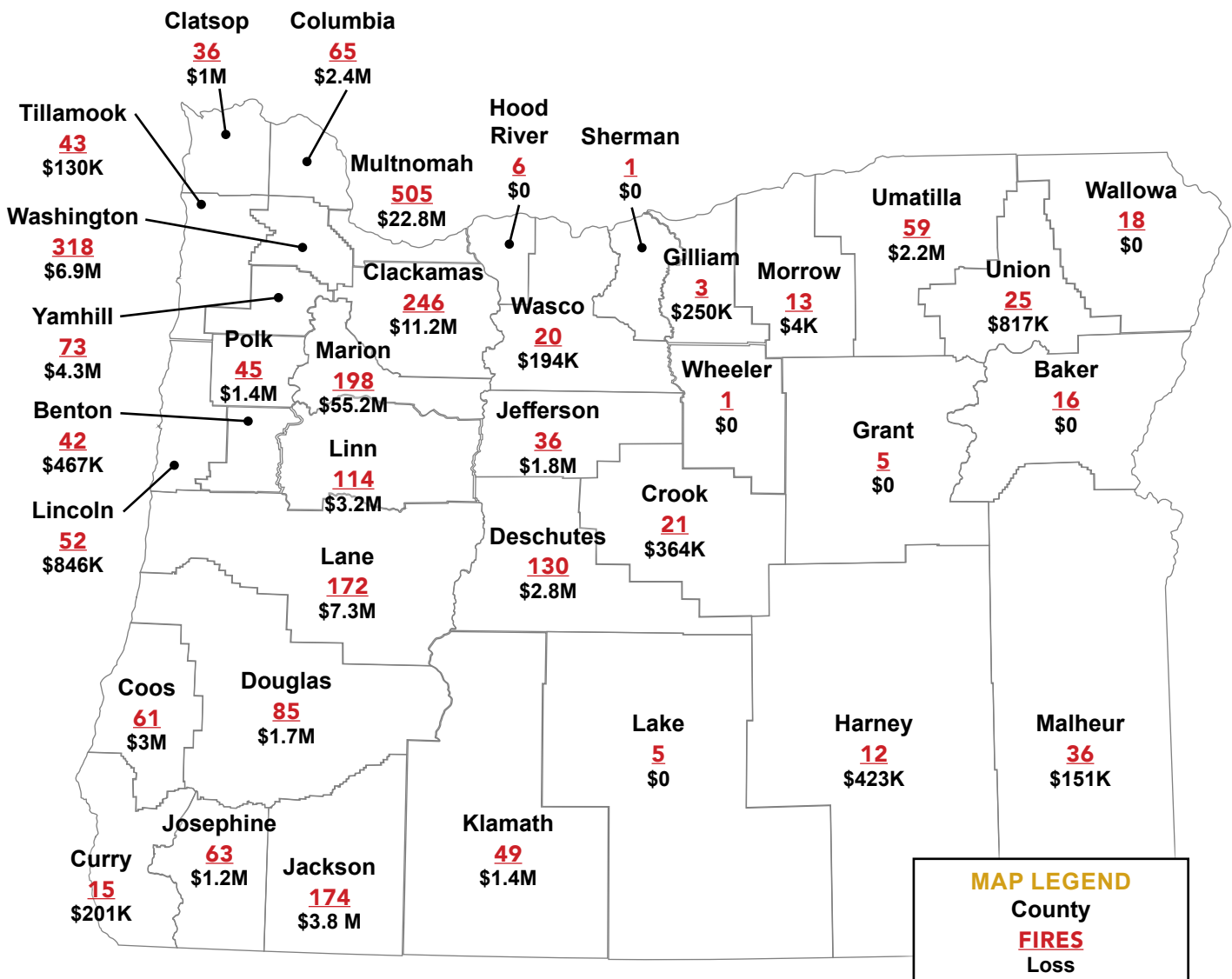
OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Residential Structure Fire – Injuries & Loss

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

Oregon Home Structure Fire Statewide Annual Comparisons

Year	2016	2017	2018	2019	2020	Trend
Residential fires	2,818	3,282	2,560	2,723	2,763	-9%
Civilian deaths	25	39	30	29	25	No Change
Civilian injuries	148	130	125	130	136	-7%
Fire service injuries	70	62	49	54	57	-21%
Damage in millions	\$76	\$106	\$80	\$77	\$87	-3%



OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Residential Structure Fires – Causes

Causal information is based upon the hierarchy methodology used by the U.S. Fire Administration to identify fire causes from specific categories using NFIRS data. The following chart displays the overall causes of residential structure fires for Oregon in 2020.

Causes of Home Structure Fires in 2019	Fires	%
Cooking	586	20%
Heating	487	17%
Intentional	204	7%
Other Unintentional	186	6%
Under Investigation	134	5%
Smoking	126	4%
Appliances	105	4%
Electrical Distribution	104	4%
Unclassified Equipment Unknown Fuel	102	4%
Unclassified Electrical Malfunction	102	4%
Ember/Rekindle	99	3%
Other Hot Object	82	3%
Natural	48	2%
Children & Other Playing	46	2%
Matches/Candles	42	1%
Trash/Rubbish	37	1%
Air Conditioning	36	1%
Other Open Flame/Spark	34	1%
Special Equipment	20	1%
Equipment Failure/Malfunction	18	1%
Fireworks	13	0%
Torches	13	0%
Vehicle Engine	10	0%
Unclassified Fuel Powered Equipment	10	0%
Service Equipment	10	0%
Friction/Hot Material	5	0%
Explosives	2	0%
Processing Equipment	2	0%
Exposure 2	1	0%
Open Fire	0	0%
Unknown	220	8%
Total	2,884	100%

OSFM Analytics & Intelligence Unit, 2021, Matrix All Except Exposure Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

SIGNIFICANT FIVE-YEAR TRENDS 2016-2020

SMOKING
-39.4%



HEATING
-14.7%



COOKING
-1.3%



**CHILDREN
PLAYING**
+254.0%



**TRASH/
RUBBISH**
+210.9%



INTENTIONAL
+36.5%

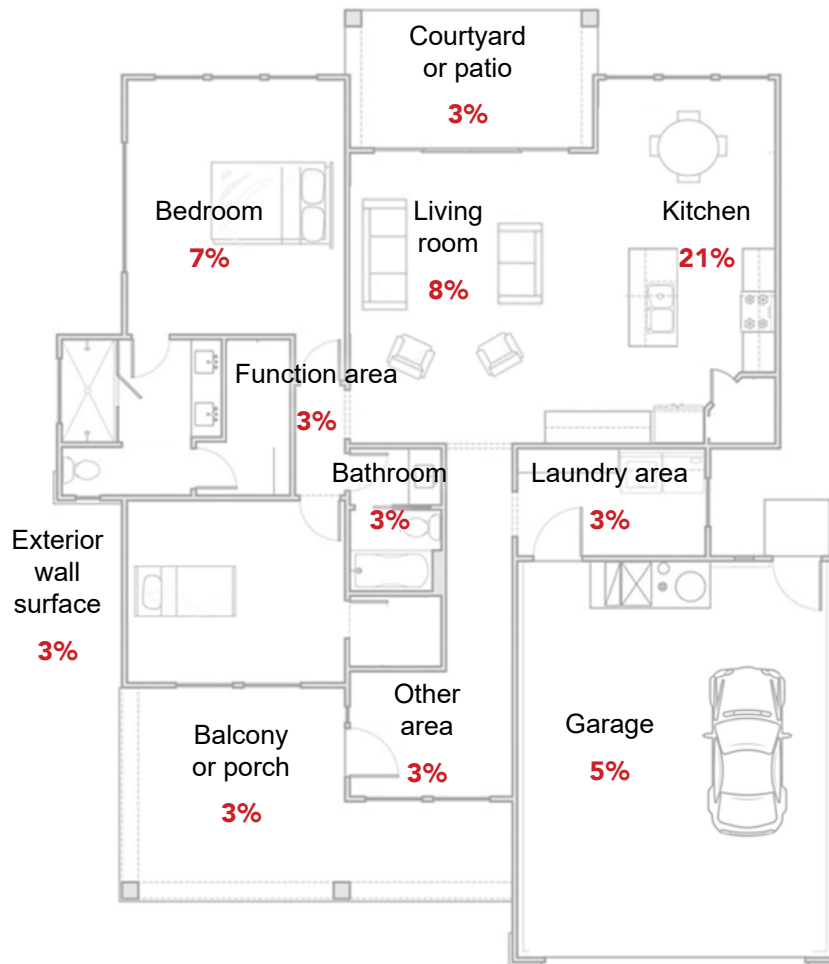


RESIDENTIAL STRUCTURE FIRES

Statistically trending slightly higher at +2.4% for the same five-year period.

Residential Structure Fires – Area of Fire Origin

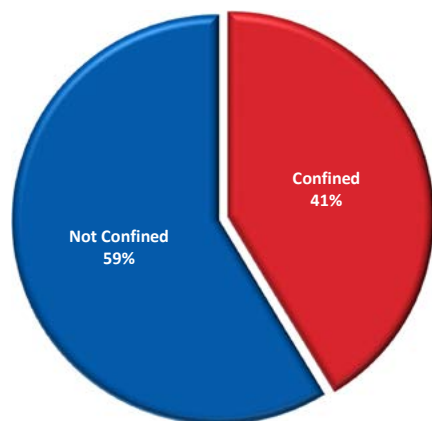
Shown below are the percentages for areas of fire origins for the 3,029 residential structure fires in which the area of fire origin was reported.



Area of Fire Origin	Fires	% Total Loss	Area of Fire Origin	Fires	% Total Loss
Kitchen	641	21%	Laundry area	92	3%
Living room	236	8%	Courtyard or patio	86	3%
Bedroom	214	7%	Exterior wall surface	86	3%
Garage	155	5%	Bathroom	85	3%
Other area	104	3%	Not entered	212	7%
Balcony or porch	103	3%	Undetermined	148	5%
Outside area	101	3%	All other origins	673	22%
Function area	93	3%	Total	3,029	100%

OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

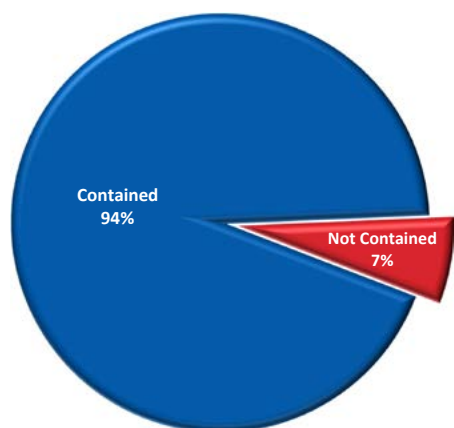
2020 Home Structure Fires: Confined vs. Not Confined



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

Incident Type	Fires	%	Loss Total	%
Confined	469	41.3%	\$651,211	1.6%
Not Confined	666	58.7%	\$40,021,677	98.4%
Total*	1,135	100.0%	\$40,672,888	100.0%

2020 Home Structure Fires: Contained vs. Not Contained



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

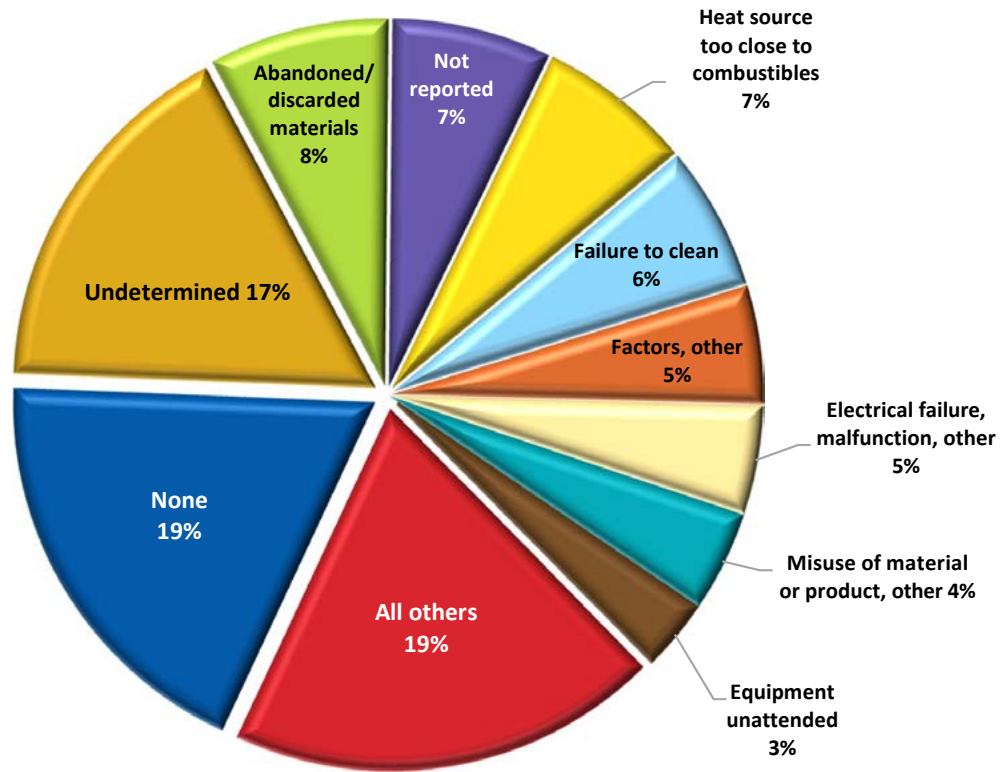
Incident Type	Fires	%	Loss Total	%
Contained	2,237	93.5%	\$74,756,248	95.6%
Not Contained	156	6.5%	\$3,419,511	4.4%
Total*	2,393	100.0%	\$78,175,759	100.0%

Totals are for fires in which confinement and containment data was entered.

OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Residential Structure Fires – Contributing Factors

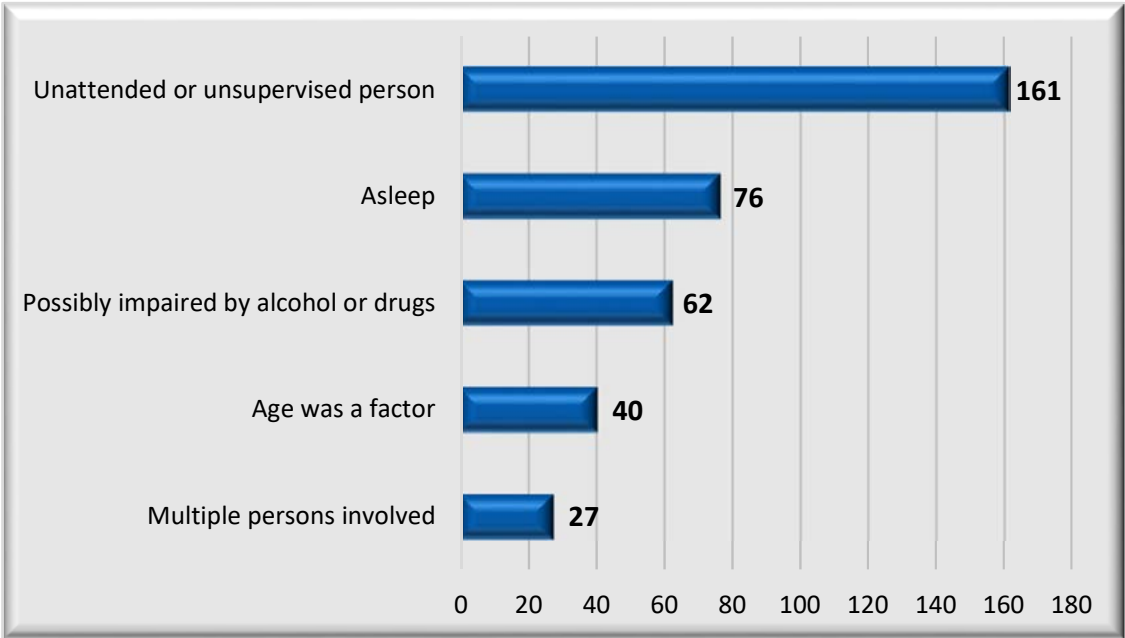
2020 Home Structure Fires Top Ten Ignition Factors



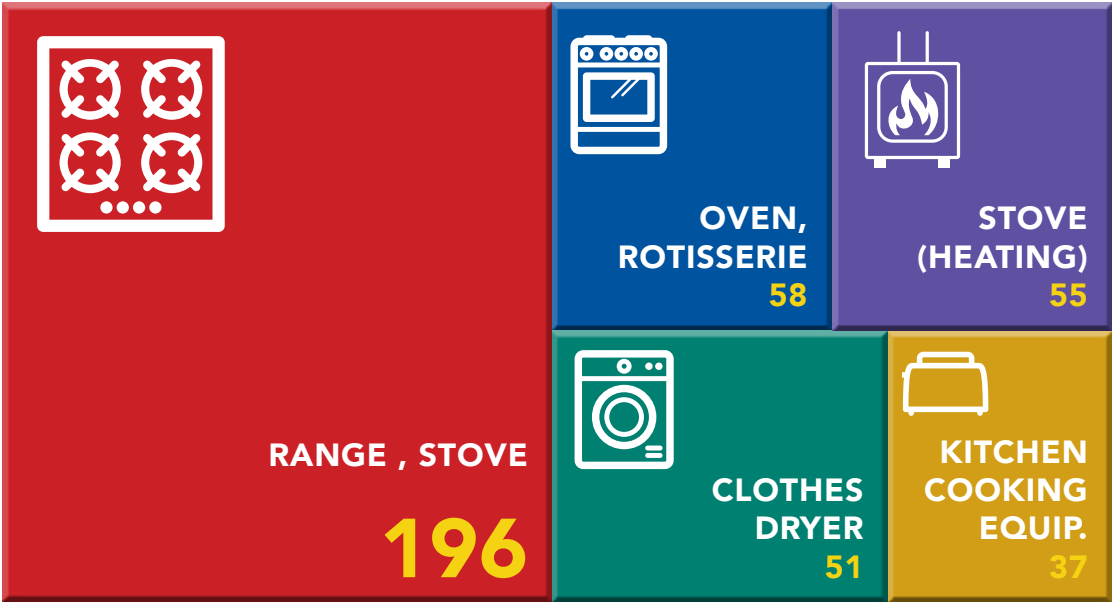
Ignition Factor	Fires	%
None	566	18.7%
Undetermined	502	16.6%
Abandoned/discarded materials	241	8.0%
Not reported	212	7.0%
Heat source too close to combustibles	206	6.8%
Failure to clean	191	6.3%
Factors, other	156	5.2%
Electrical failure, malfunction, other	143	4.7%
Misuse of material or product, other	132	4.4%
Equipment unattended	94	3.1%
All others	586	19.3%
Total	3,029	100.0%

OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

2020 Home Structure Fire Human Factors Contributing to Ignition



2020 Home Structure Fire Equipment Involved in Ignition

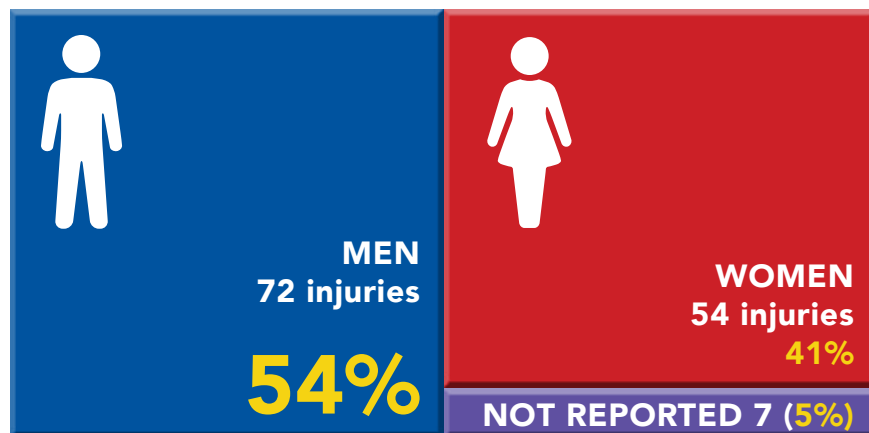


OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

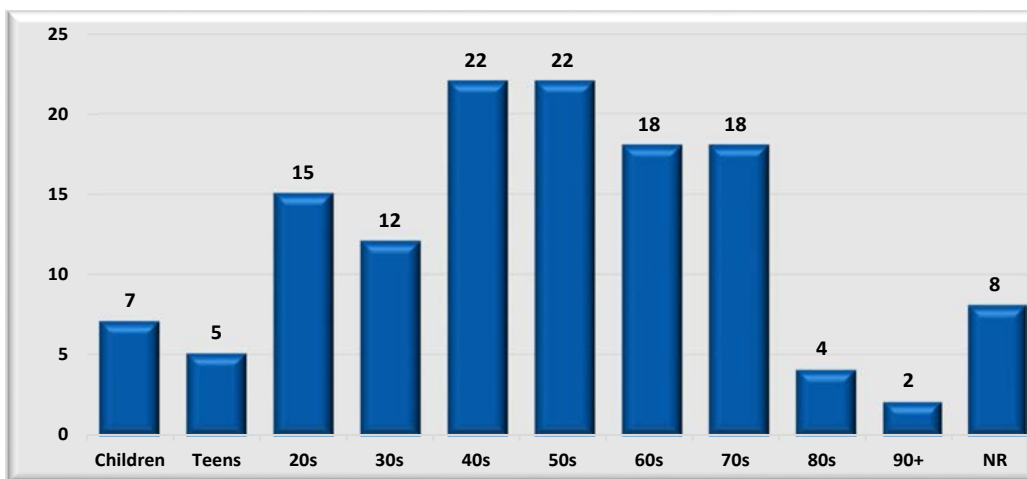
Residential Structure Fires – Injuries

The following charts show the 133 residential structure fire injuries by gender and age group for 2020.

2020 Home Structure Fire Injuries by Gender

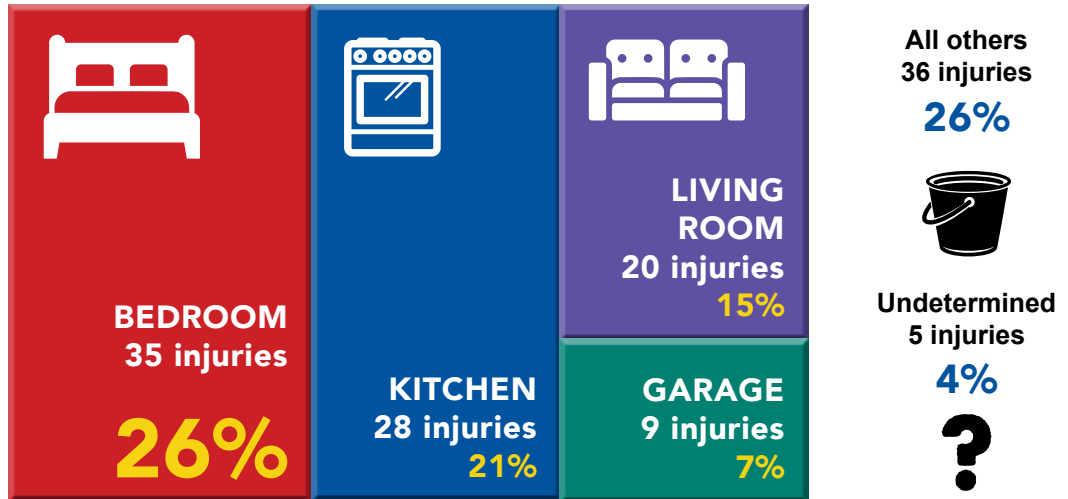


2020 Home Structure Fire Injuries by Age Group

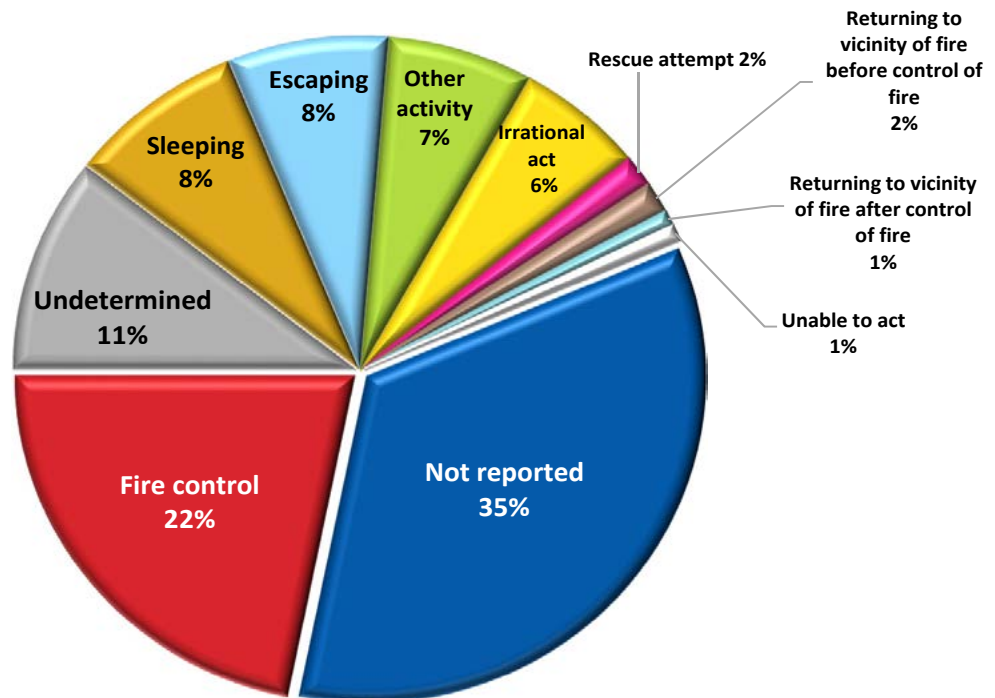


Children: 0-9 years of age Teens: 10-19 years of age

2020 Home Structure Fire Injuries – Top Areas of Fire Origin

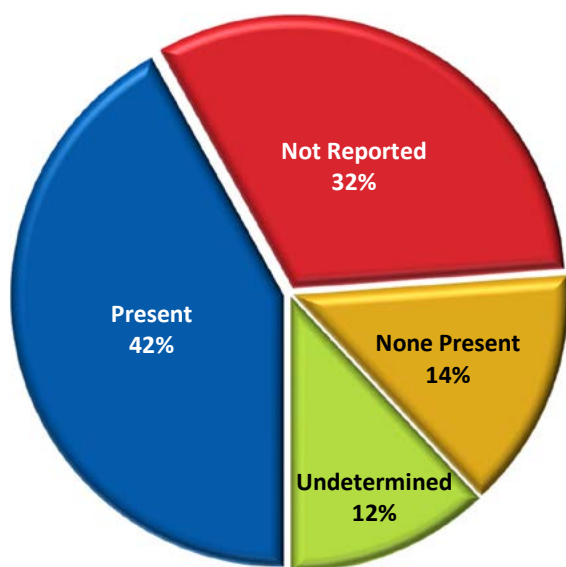


2020 Home Structure Fire Injuries – Activity When Injured



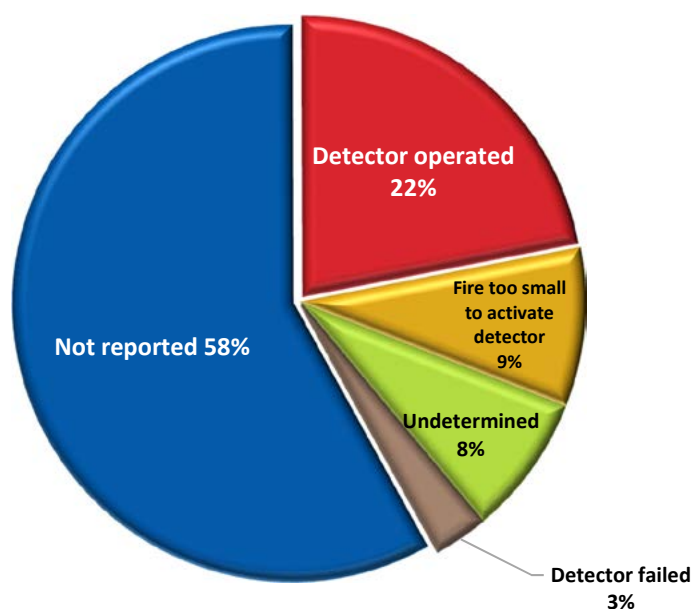
OSFM Analytics & Intelligence Unit, 2021, Previous Year Total *Fire* Incidents Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Smoke Alarms – Presence & Operation



Alarm Presence	Fires
Present	1,389
Not Reported	1,065
None present	468
Undetermined	385
Total	3,307

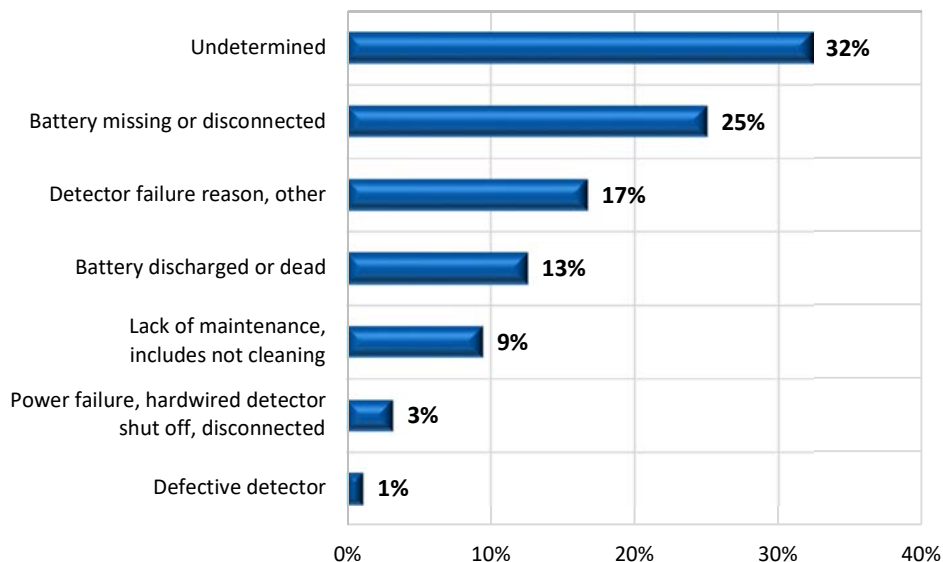
Alarm Operation	Fires
Not Reported	1,910
Detector operated	731
Fire too small to activate detector	315
Undetermined	255
Detector failed to operate	96
Total	3,307



OSFM Analytics & Intelligence Unit, 2021, Detectors and Sprinklers Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Smoke Alarm Failure Reasons

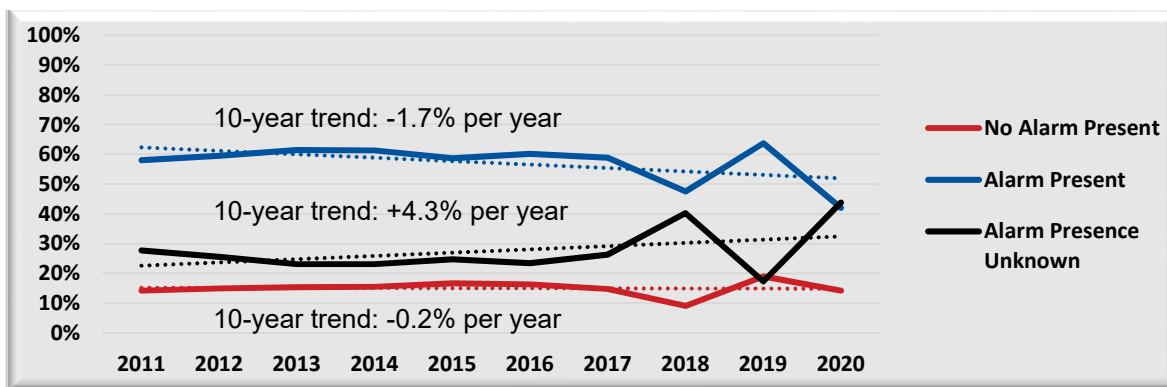
2020 Home Structure Fire Smoke Alarm Failure Reasons



Failure Reason	Fires
Undetermined	31
Battery missing or disconnected	24
Detector failure reason, other	16
Battery discharged or dead	12

Failure Reason	Fires
Lack of maintenance, including not cleaning	9
Power Failure, hardwired detector shut off, disconnected	3
Defective detector	1
Total	96

Smoke Alarm Presence in Home Structure Fires – Ten-Year Trend



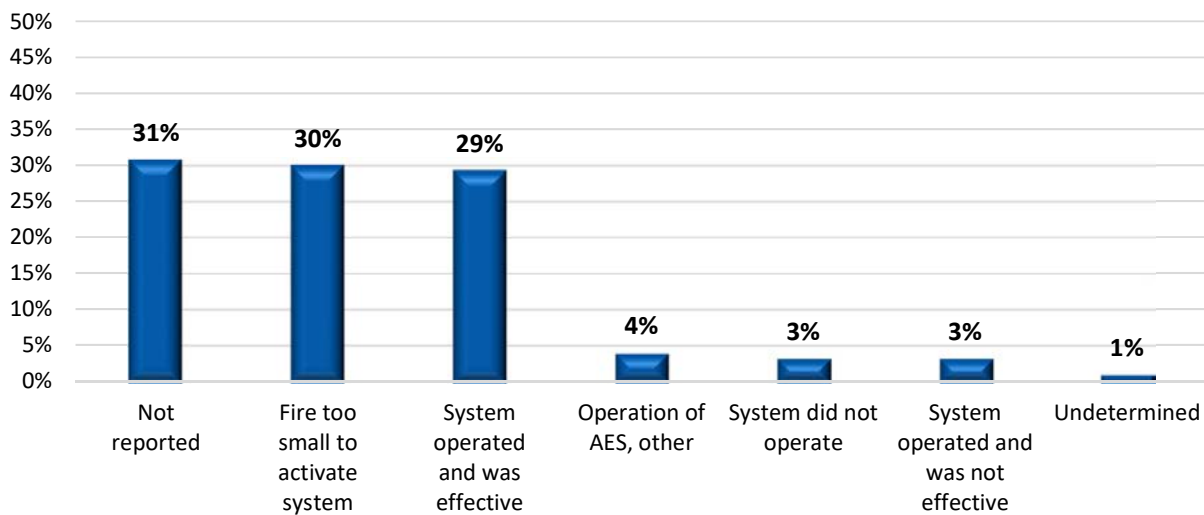
OSFM Analytics & Intelligence Unit, 2021, Detectors and Sprinklers Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Automatic Extinguishing (Sprinkler) Systems

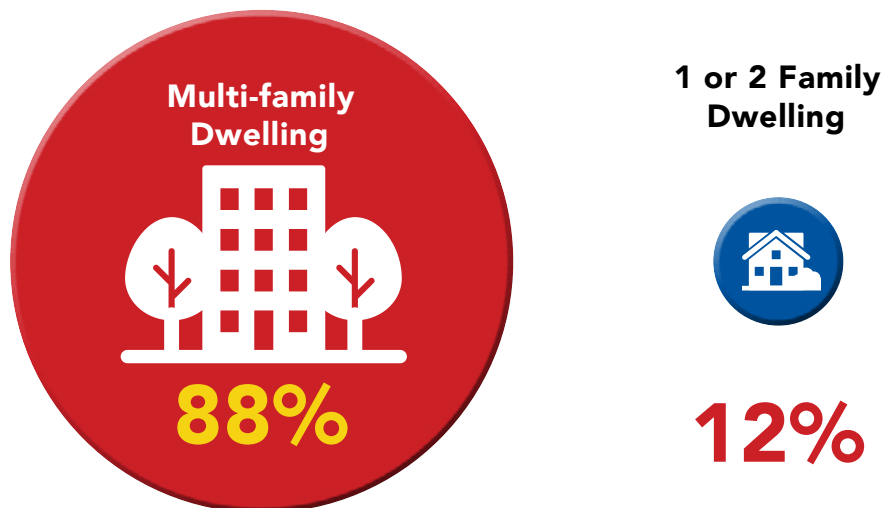
SPRINKLER PERFORMANCE

Automatic extinguishing (sprinkler) systems were present in 4.1% of the 3,307 residential structure fires in Oregon in 2020. The graphs below indicate how the systems performed in these 134 fires and the type of residential properties in which they were located.

2020 Home Structure Fire Sprinkler Operation



2020 Home Structure Fire Property Use with Sprinkler Present



OSFM Analytics & Intelligence Unit, 2021, Detectors and Sprinklers Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Youth Involved with Fire

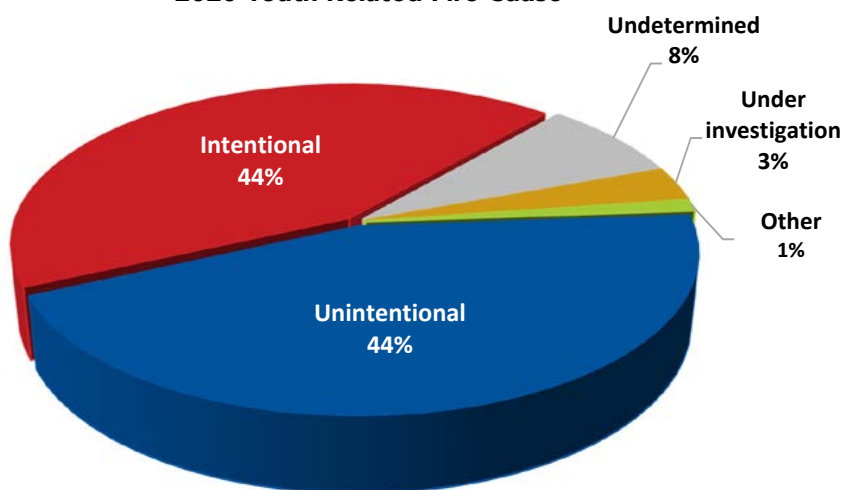
This section pertains to youth involved with fire. Youth are defined as persons under the age of 18. Information regarding youth involved with fire incidents is based upon NFIRS incident data submitted by local Oregon fire agencies. There were 88 fires identified as having youth involvement reported to OSFM in 2020.

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

	2016	2017	2018	2019	2020
Total Fires	138	156	130	113	88
Civilian Deaths	0	0	0	0	2
Civilian Injuries	3	3	4	2	2
Property Damage in Millions	\$1.1	\$1.6M	\$2.0	\$1.1	\$0.7

In 2020, 44% of all fires involving youth were determined to be intentionally set. The fire causes listed below reflect the determination at the time the reports were submitted to OSFM.

2020 Youth-Related Fire Cause

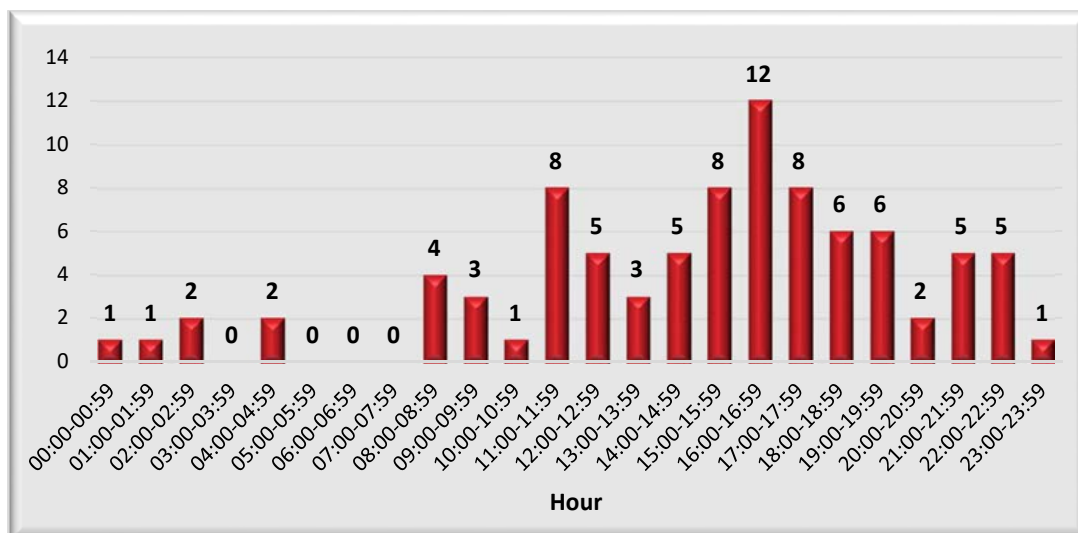


Cause of Ignition	Fires	%
Unintentional	39	44%
Intentional	38	44%
Undetermined	7	8%
Under investigation	3	3%
Other	1	1%
Total	88	100%

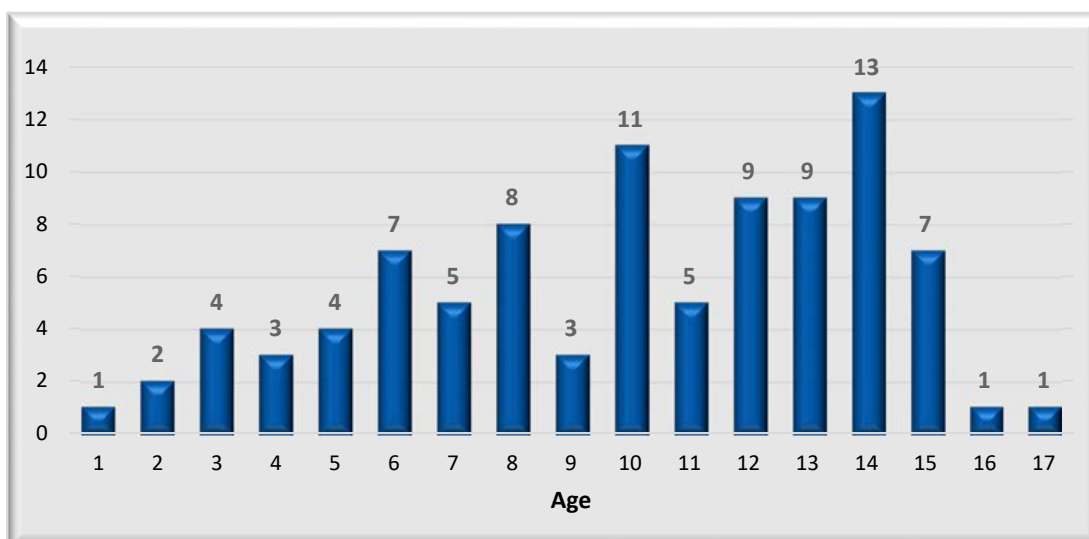
OSFM Analytics & Intelligence Unit, 2021, Previous Year Youth Fire Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Youth Involved with Fire – Incidents

2020 Fire Incidents Involving Youth by Time of Day



2020 Fire Incidents Involving Youth by Age

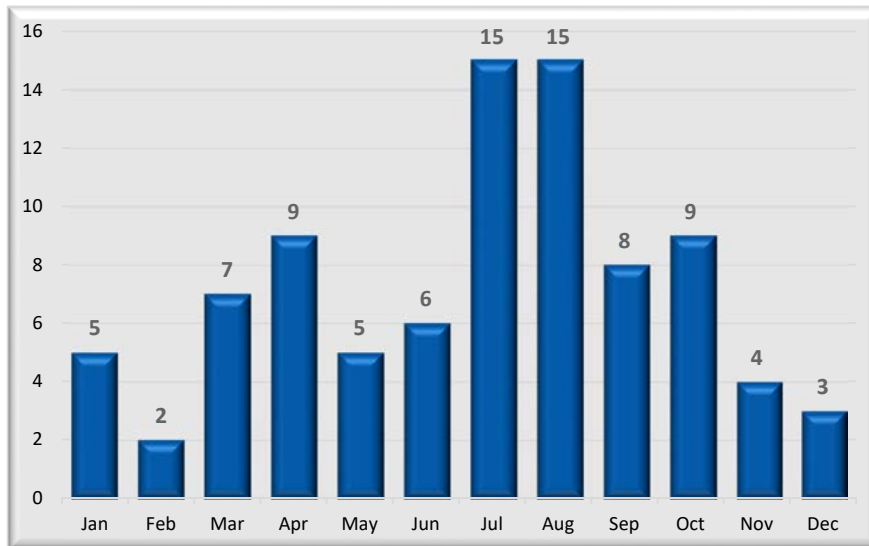


Youth between the ages of 10 and 14 accounted for 51% of youth-involved fires.

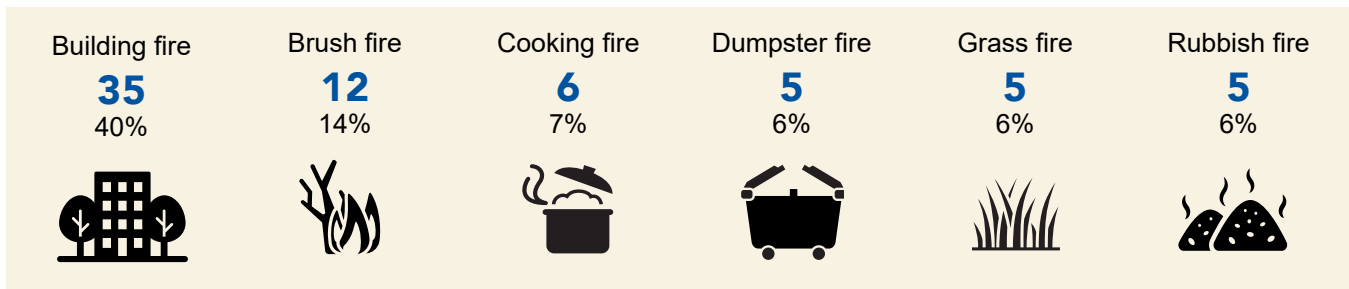


About 38% of youth-involved fires occurred between 2 p.m. and 5 p.m.

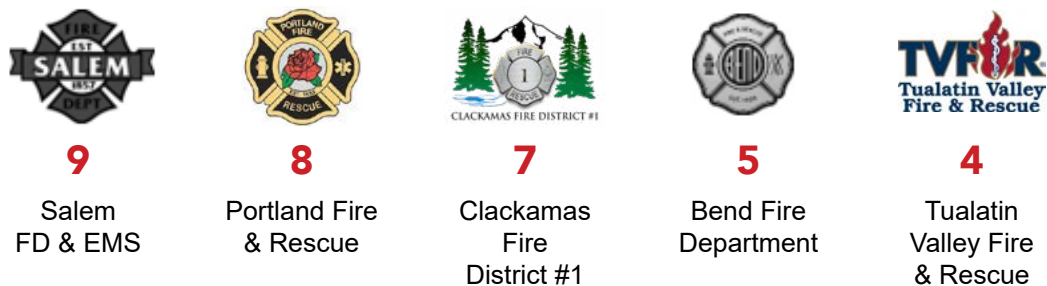
2020 Fire Incidents Involving Youth by Month



2020 Top Fire Types Involving Youth



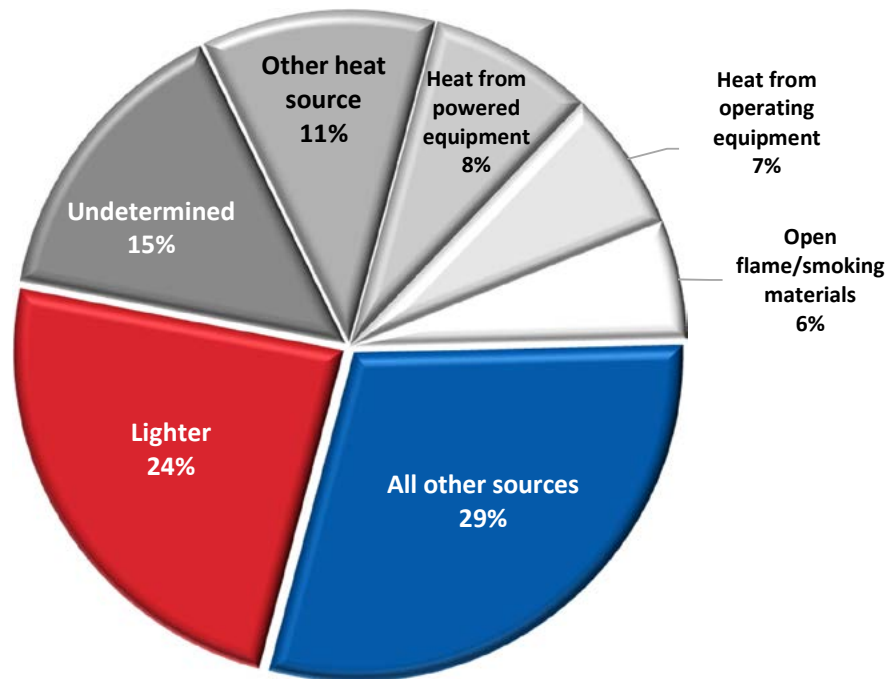
Fire Agencies with Most Responses to Youth-Involved Fires



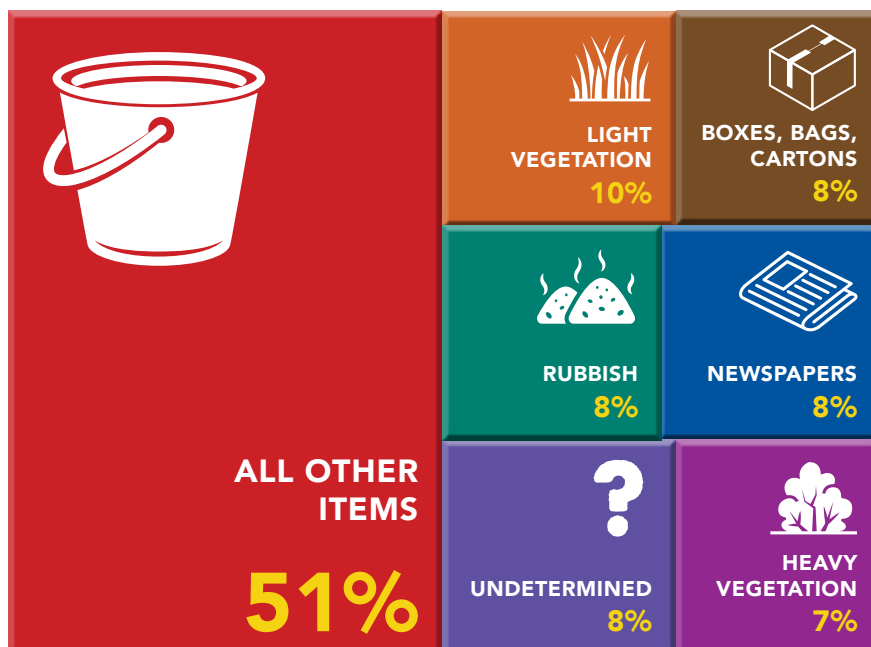
OSFM Analytics & Intelligence Unit, 2021, Previous Year Youth Fire Data Set,
Fire Incidents (Fire agency submitted NFIRS reports)

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

2020 Top Heat Sources of Youth-Involved Fires

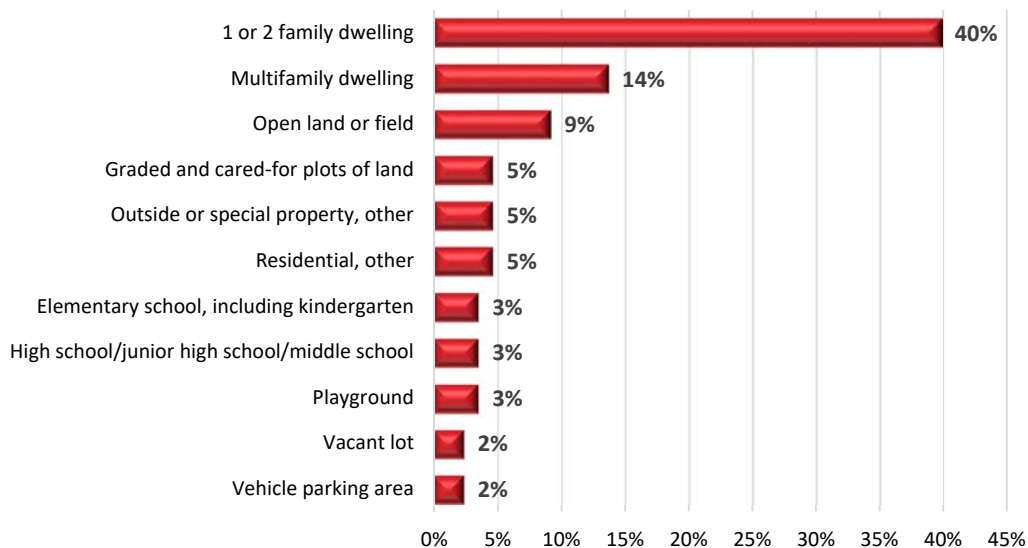


2020 Most Frequent Items First Ignited



OSFM Analytics & Intelligence Unit, 2021, Previous Year Youth Fire Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

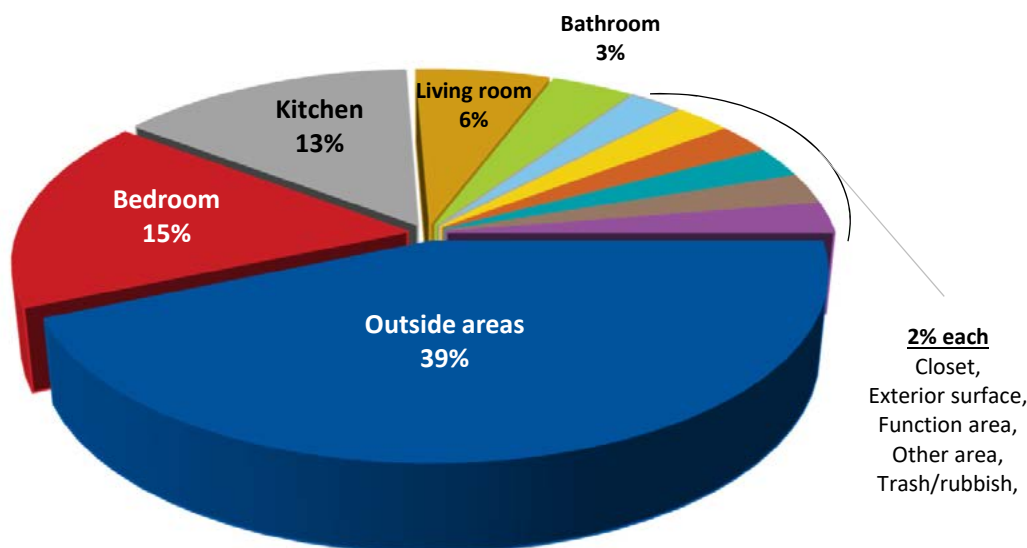
Of the reported property uses, a majority (54%) of all fires involving youth occurred in residential dwellings. The following chart identifies the property uses where fires involving youth started.



The following property uses were involved only one time each and are not graphed: bridge, business office, hotel/motel, shed, shelter, personal service, roadway, and commercial street.

Nearly 40% of all fires involving youth started in outdoor areas such as open fields, woods, and roadways.

2020 Fires Involving Youth by Area of Origin



OSFM Analytics & Intelligence Unit, 2021, Previous Year Youth Fire Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Forty-three of Oregon's 310 fire agencies reported incidents in which youth were or may have been involved. Youth involvement is determined by the reporting fire agencies.

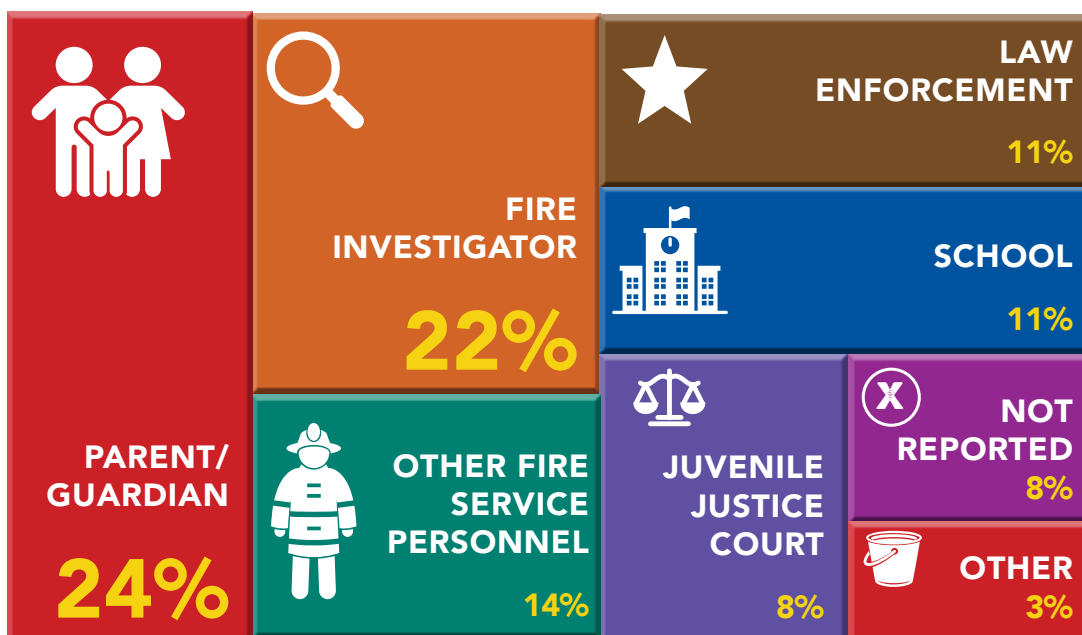
Agency	Incidents	Agency	Incidents
Astoria F & R	1	Junction City FD	1
Aumsville RFPD	1	Klamath County FD #1	3
Baker City FD	1	La Grande FD	2
Bend FD	5	Lake Oswego FD	1
Canby FD	1	Lane Fire Authority	1
Albany FD	3	Medford FD	1
Forest Grove FD	1	Mill City RFPD	1
Clackamas FD #1	7	North Bend FD	1
Coos Bay FD	1	North Lincoln FRD #1	1
Coquille Valley Ambulance	1	Oakridge FD/Ambulance	2
Corbett FD #14	1	Ontario FD	2
Cornelius FD	1	Pendleton Fire and Ambulance	3
Crook County F & R	1	Portland F & R	8
Eugene Springfield Fire	2	Roseburg FD	2
Gates RFPD	1	Salem FD	9
Gresham FD	3	Sheridan FD	1
Hauser RFPD	1	Silverton FD	1
Heppner FD	1	Tualatin Valley F & R	4
Illinois Valley FD	3	Umatilla Co FD #1	1
Jackson County FD #3	3	Umatilla Tribal FD	1
Jefferson County RFPD #1	1	Vale Ambulance Service	1
Joseph FD	1		
		Total	88

Youth Involved with Fire – Interventions

In 2020, 37 interventions involving youth were reported to OSFM. It is important to note that not every fire involving youth results in an intervention. Interventions may also occur without a response from a local fire agency.

Youth misusing fire are referred by their parents or through a number of community partners. Shown below are the variety of disciplines involved in ensuring the continuum of care.

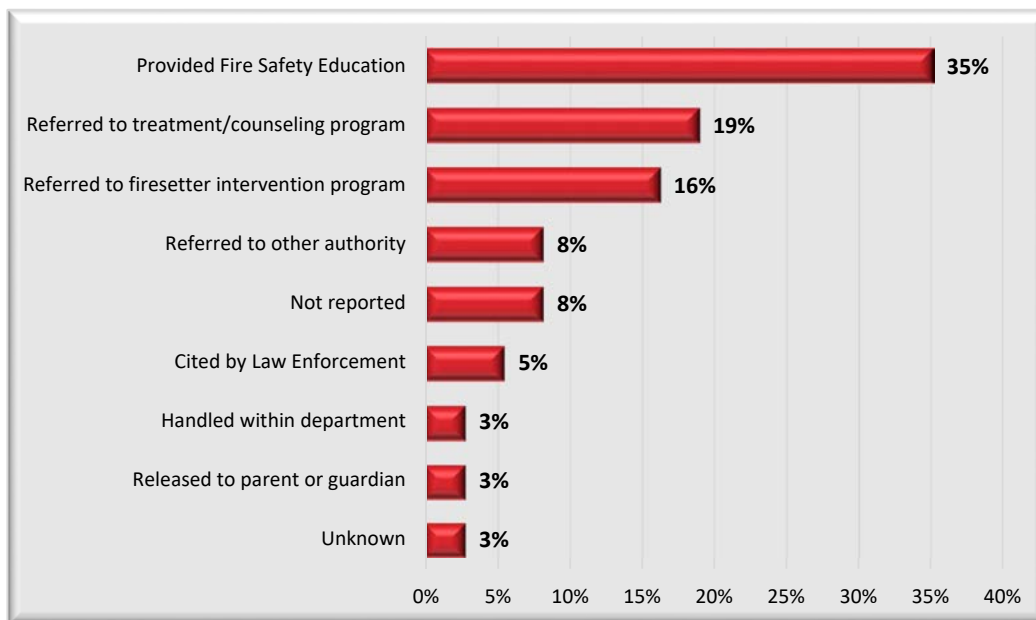
2020 Sources of Youth Referrals to the Fire Service



Referral Source	Count
Parent/Guardian	9
Fire Investigator	8
Other Fire Service Personnel	5
Law Enforcement	4
School	4
Juvenile Justice/Court	3
Not Reported	3
Other	1
Total	37

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

2020 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 frequently already been established, with 24% of youth interventions in 2019 indicating prior experiences with fire. These youth reported a total of 53 fire experiences.

Previous Fire Set	Number of Youth
0	12
1	4
2	10
3	5
4	3
10	2
Not reported	1

There were no reported incidents in which a youth used an accelerant to start a fire, which is an anomaly compared to previous years.

Accelerant Used	Total
Axe body spray	5
Gasoline	2
Gasoline tank nearby	1
None reported	29

Share
of youth
previously involved
with fire:
65%

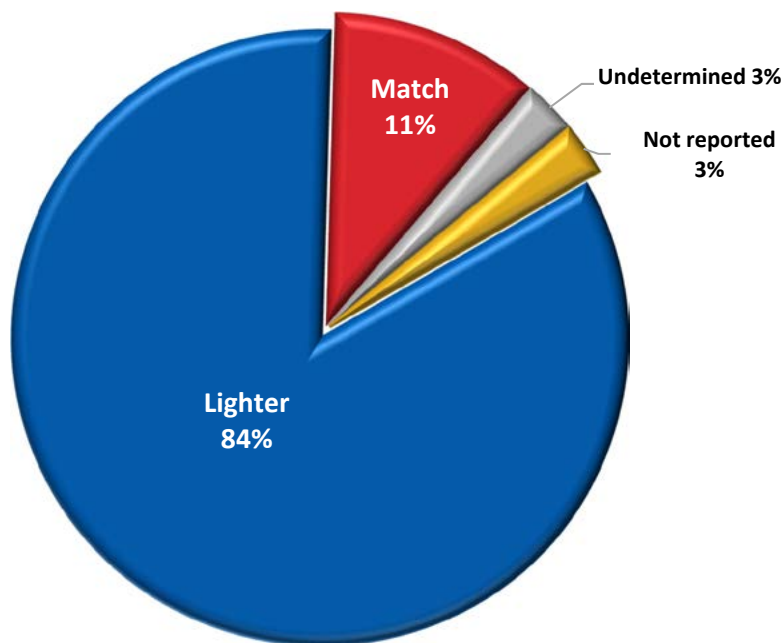
Share
of incidents in
which youth used
an accelerant:
22%

Lighters continue to be the most common sources of ignition.

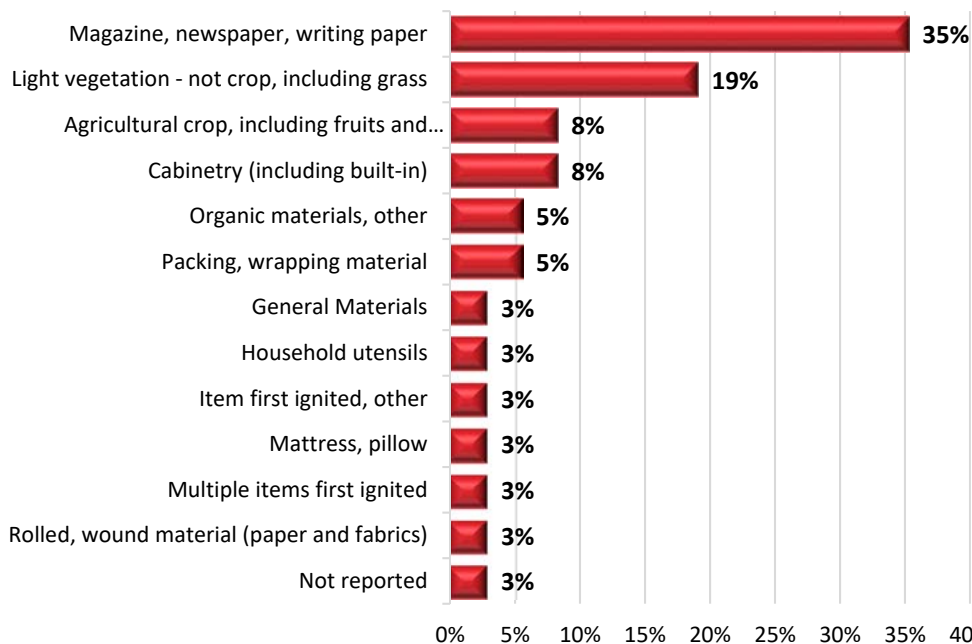
Almost 40% of the youth reported they obtained the ignition source at home. This continues to be the leading location for youth to obtain ignition sources.

The first material ignited tends to be a function opportunity. Youth use readily available materials.

2020 Youth Referral Ignition Sources



2020 Top Items First Ignited Involving Youth Referrals



Agencies Providing Youth Intervention Data

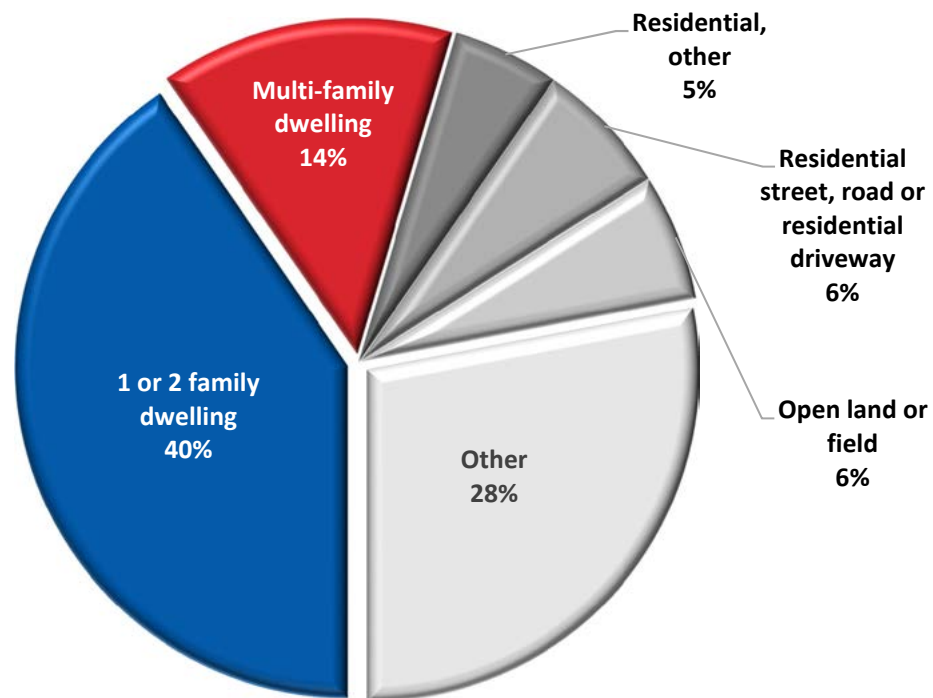
Jackson Co FD #3, Jackson Co FD #5, Keizer FD, Medford FD, OSFM, Salem FD, and Tualatin Valley F&R

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 responding fire agency. This includes non-firefighting emergency service personnel such as police officers, ambulance personnel, and utility workers.

2020 Civilian Casualties by Property Use



As indicated in the chart above and the table below, most civilian casualties (both injuries and fatalities) occurred within residential property uses.

Property Use	Injuries	%	Fatalities	%	Total Casualties	%
1 or 2 family dwelling	70	41%	18	39%	88	40%
Multi-family dwelling	30	17%	1	2%	31	14%
Residential, other	8	5%	3	7%	11	5%
Residential street, road or residential driveway	11	6%	3	7%	14	6%
Open land or field	11	6%	2	4%	13	6%
Other	42	24%	19	41%	61	28%
Total	172	100%	46	100%	218	100%

OSFM Analytics & Intelligence Unit. 2021, Annual Civilian Casualty Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Civilian Fire Fatalities

There were 51 total fire-related deaths in 2020. However, confirmations from the Medical Examiner have not yet been received to report the total number of confirmed fire-related deaths. Of the 51 fire-related deaths, 24 occurred in unintentional, residential structure fires of all property types. An additional 27 deaths resulted from non-residential or intentional fires. OSFM focuses its fatality data analysis on understanding the causes and circumstances of unintentional residential structure fires.

2020 Civilian Fire Fatalities in Oregon – Unintentional Residential

Incident Type	County	Age	Gender	Cause of Fire
Apartment Fire	Marion	84	F	Undetermined
House Fire	Lincoln	54	M	Child Playing with heat source
House Fire	Lincoln	50	F	Child Playing with heat source
House Fire	Douglas	68	M	Incendiary
House Fire	Lincoln	79	M	Smoking
House Fire	Grant	72	F	Smoking
House Fire	Marion	71	M	Smoking
House Fire	Multnomah	40	F	Smoking
House Fire	Klamath	73	F	Smoking while on Oxygen
House Fire	Multnomah	73	M	Smoking while on Oxygen
House Fire	Deschutes	60	F	Smoking while on Oxygen
House Fire	Polk	75	F	Under Investigation
House Fire	Yamhill	71	M	Under Investigation
House Fire	Polk	68	M	Under Investigation
House Fire	Polk	64	M	Under Investigation
House Fire	Jackson	62	F	Under Investigation
House Fire	Multnomah	43	M	Under Investigation
House Fire	Yamhill	31	M	Under Investigation
House Fire	Josephine		M	Under Investigation
House Fire	Douglas	83	F	Undetermined
House Fire	Washington	79	F	Undetermined
House Fire	Washington	65	F	Undetermined
House Fire	Lane	64	M	Undetermined
House Fire	Douglas	14	F	Undetermined
Unintentional Residential Fire Deaths:			24	

In 2020, the majority (71%) of confirmed residential structure fire victims were ages 60 and older. The “Cause of Fire” listed was the disposition at the time the incident information was received.

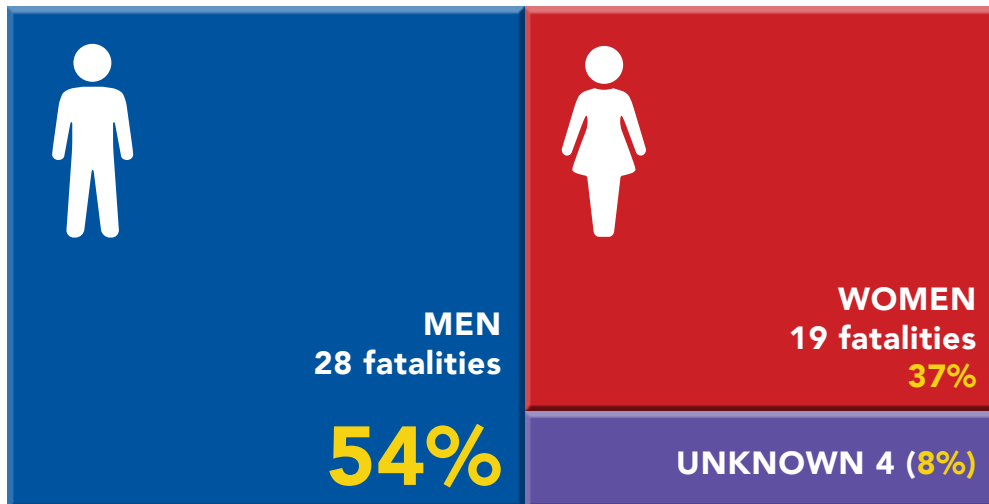
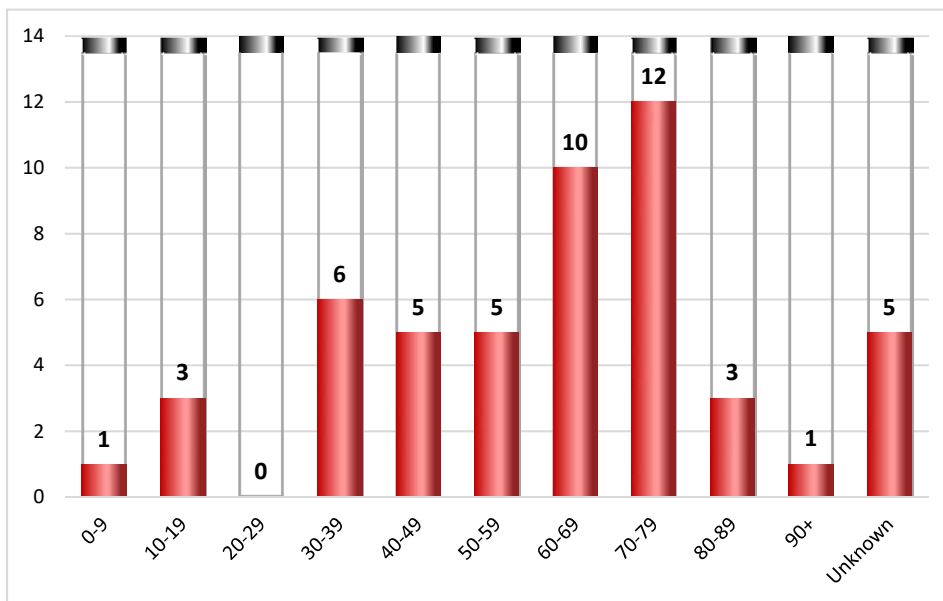
2020 Civilian Fire Fatalities in Oregon – Intentional & Non-Residential

Incident Type	County	Age	Gender	Cause of fire
House Fire	Douglas	61	M	Incendiary
House Fire	Linn	2	F	Incendiary
House Fire	Linn	15	M	Incendiary
House Fire	Linn	41	F	Incendiary
House Fire	Klamath	69	F	Incendiary
RV Fire	Douglas	75	M	Smoking
RV Fire	Umatilla	36	M	Under Investigation
RV Fire	Clatsop	64	M	Undetermined
Structure Fire	Multnomah	35	F	Candle Fire
Vehicle Fire	Coos	81	M	MVA With Fire
Vehicle Fire	Deschutes	39	F	MVA With Fire
Vehicle Fire	Clackamas	45	M	MVA With Fire
Vehicle Fire	Multnomah	53	M	MVA With Fire
Vehicle Fire	Deschutes	35	M	MVA With Fire
Vehicle Fire	Deschutes			MVA With Fire
Vehicle Fire	Lane	36	M	MVA With Fire
Vehicle Fire	Washington	94	M	Smoking
Wildfire	Marion	71	F	Under Investigation
Wildfire	Marion	72	M	Under Investigation
Wildfire	Marion	41	M	Under Investigation
Wildfire	Marion	71	F	Under Investigation
Wildfire	Marion	13	M	Under Investigation
Wildfire	Lane	59	M	Under Investigation
Wildfire	Lane			Under Investigation
Wildfire	Jackson	55	M	Under Investigation
Wildfire	Jackson			Under Investigation
Wildfire	Jackson			Under Investigation
Intentional & Non-Residential Fire Deaths:				27
Total Oregon Fire Deaths:				51

The “Cause of Fire” listed was the disposition at the time the incident information was received.

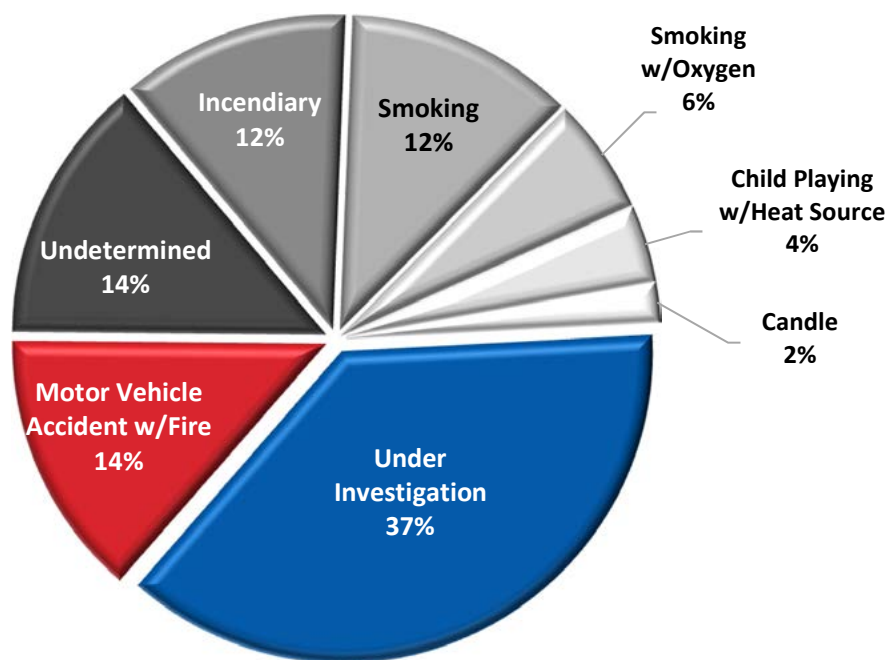
The following chart shows some basic demographics of the suspected 51 fire-related deaths in 2020. Twenty-nine deaths were confirmed by the Oregon Medical Examiner's Office.

2020 Fire-Related Fatalities by Age Group & Gender



There were 51 fire-related fatalities in 2020 including ten related to September's wildfire event.

2020 Causes of Fires Resulting in Fatalities



Fire Cause	Count	%
Under Investigation	19	37%
Motor Vehicle Accident w/Fire	7	14%
Undetermined	7	14%
Incendiary	6	12%
Smoking	6	12%
Smoking w/Oxygen	3	6%
Child Playing w/Heat Source	2	4%
Candle	1	2%
Total	51	100%

The September 2020 wildfire event resulted in 10 fire-related deaths. This represents approximately 20% of the total fire related deaths in Oregon for 2020. Name fires with fatalities are listed below.

Almeda Drive
3 deaths

Arson



Beachie Creek
5 deaths

Undetermined



Holiday Farm
2 deaths

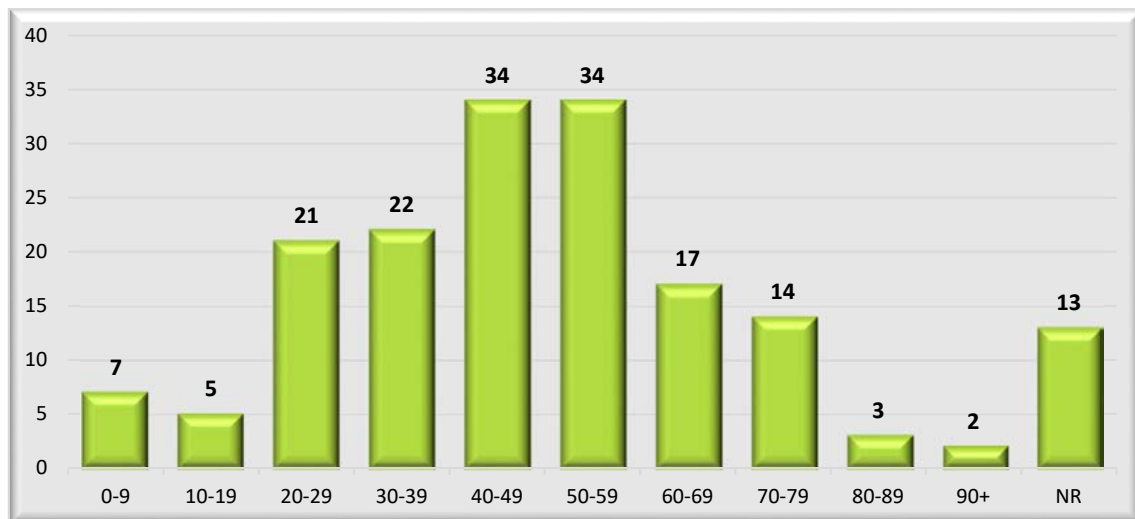
Undetermined



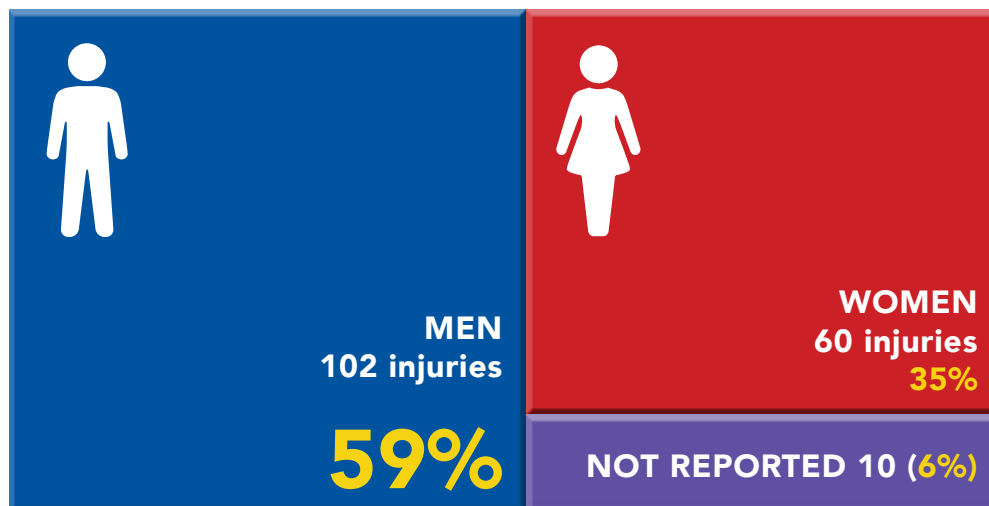
Civilian Fire Injuries

The following charts reflect some basic demographics for the 172 civilian fire-related injuries reported by Oregon fire agencies.

2020 Civilian Fire Injuries by Gender

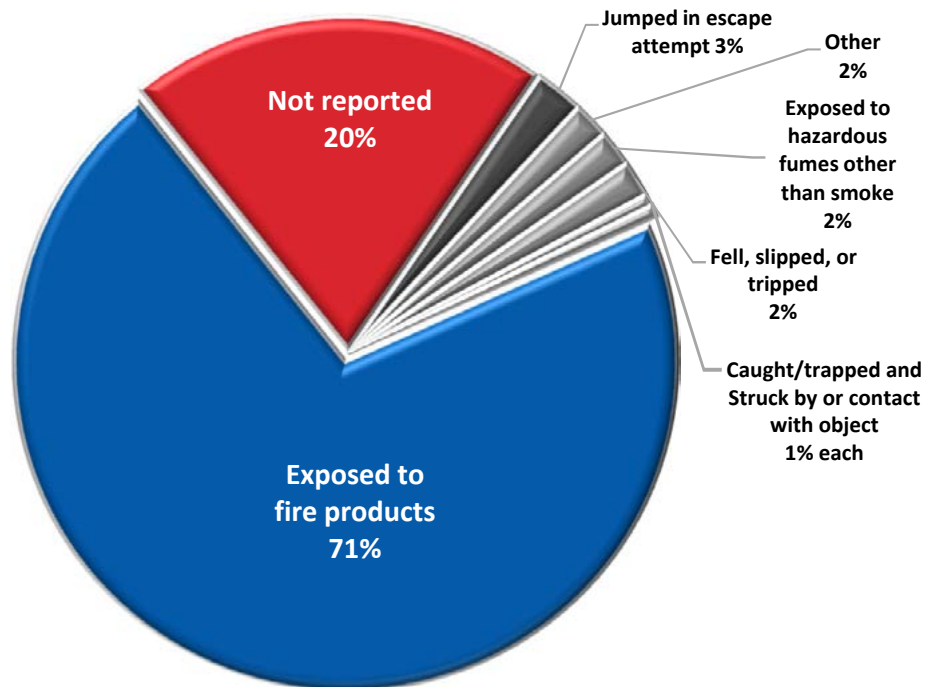


2020 Civilian Fire Injuries by Age Group

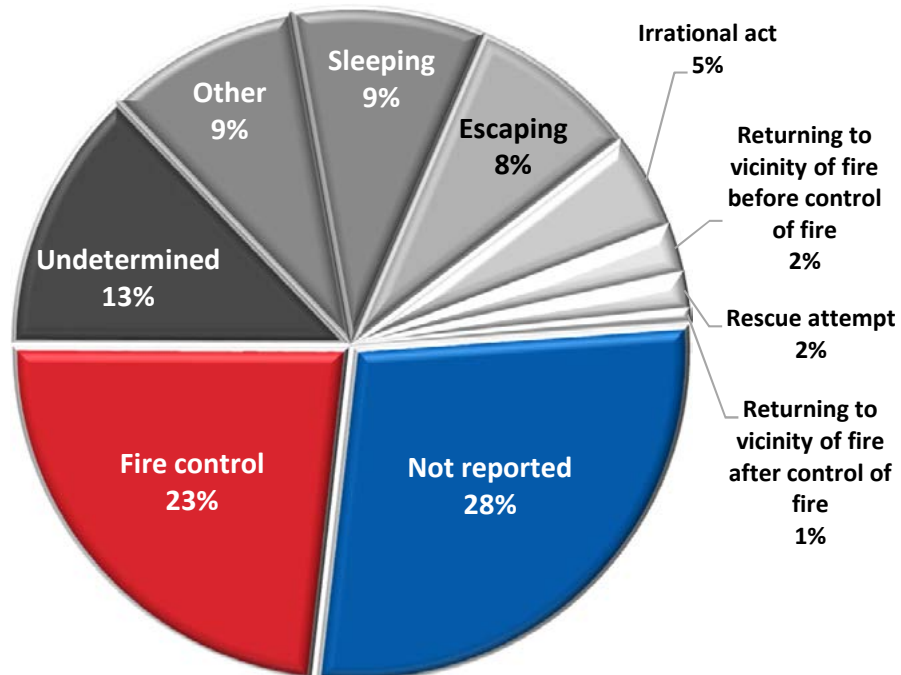


OSFM Analytics & Intelligence Unit, 2021, Annual Civilian Casualty Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

2020 Causes of Civilian Fire Injuries

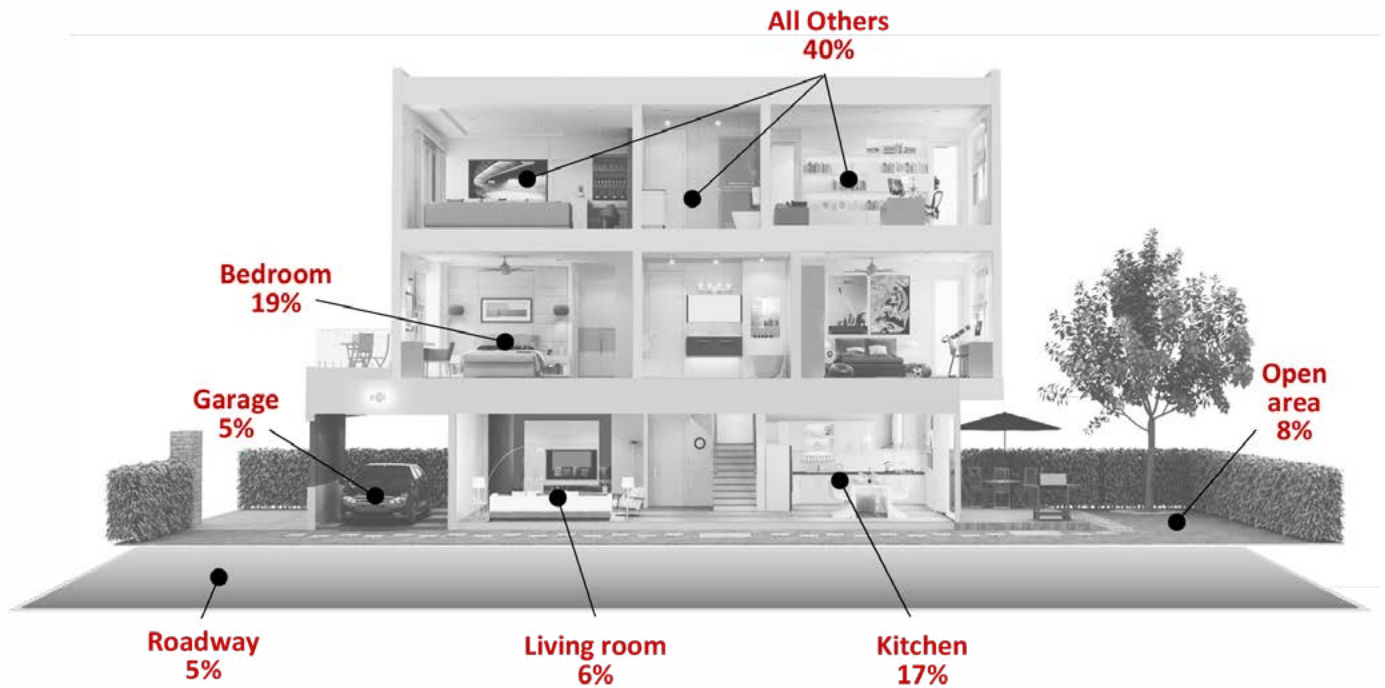


2020 Activity at Time of Civilian Fire Injuries

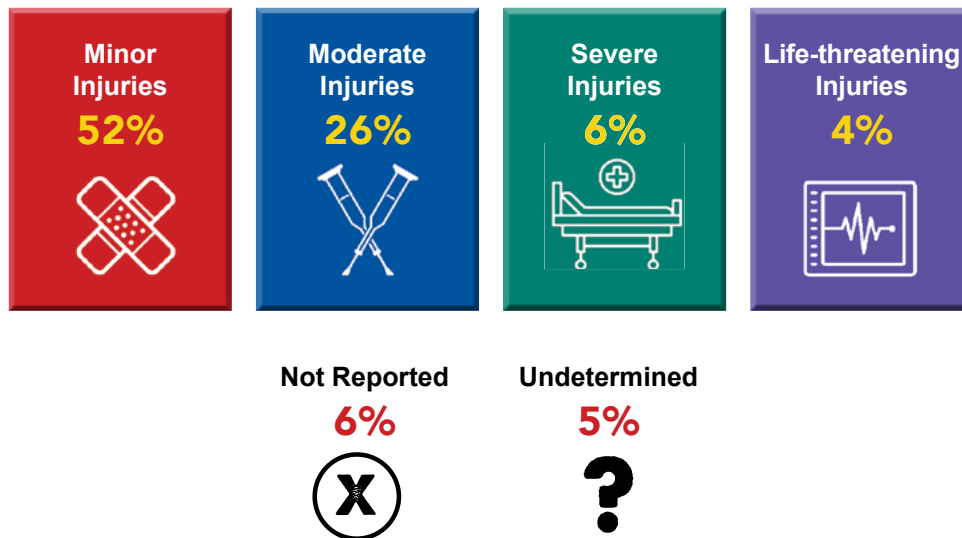


OSFM Analytics & Intelligence Unit, 2021, Annual Civilian Casualty Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

2020 Civilian Fire Injuries Top Areas of Fire Origin



2020 Civilian Fire Injuries Severity

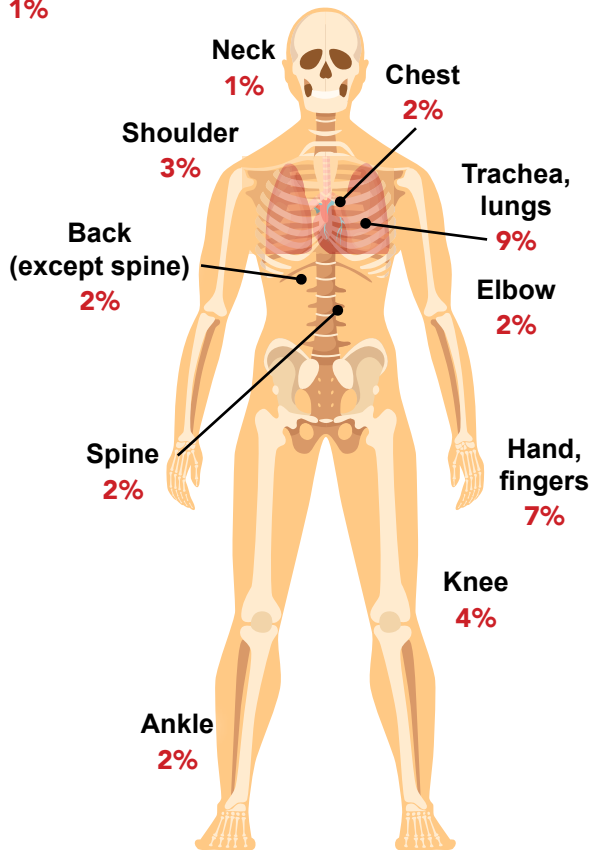


OSFM Analytics & Intelligence Unit, 2021, Annual Civilian Casualty Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

Fire Service Casualties

Fire service casualties are deaths, injuries, or exposures that are suffered by responding fire agency members. This includes casualties that occur both during incident response and non-incident events such as station duties or training. There were 249 fire service casualties report in 2020, none of which were fatal.

Multiple upper
body parts
1%



Fire Service Injuries by Severity

Severity	%
Report only, including exposure	68%
First aid only	12%
Moderate severity, lost-time injury	12%
Treated by physician, not a lost-time injury	5%
Not reported	2%
Severe, lost-time injury	1%

Fire Service Injuries by Cause

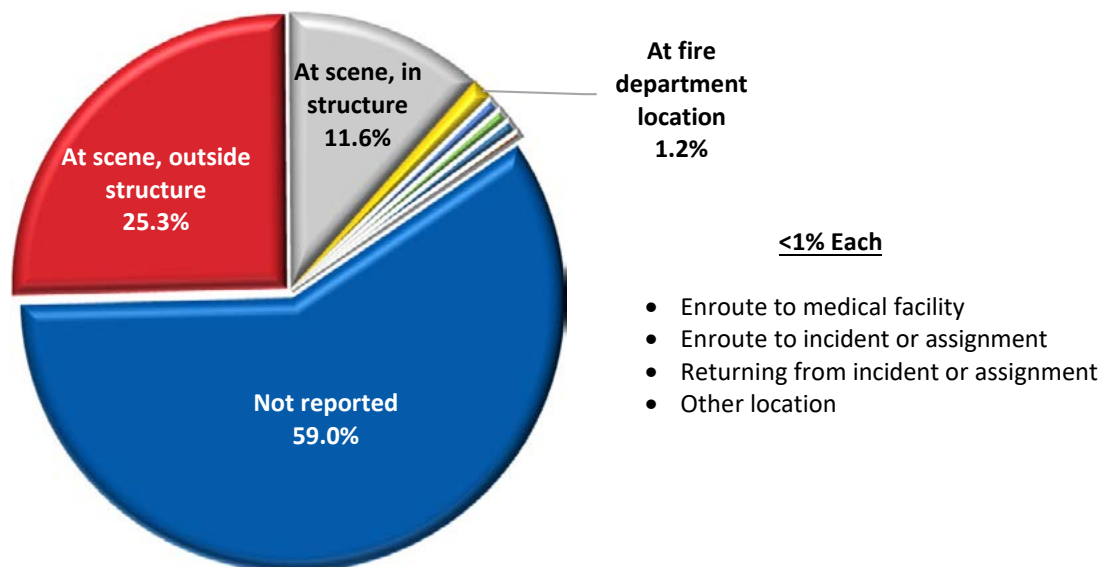
Cause of Injury	%
Not reported	50%
Exposure to hazard	21%
Overexertion, strain	8%
Contact with object	5%
Slip, trip	4%
Fall	4%
Other	3%
Undetermined	3%
Struck or assaulted by person, animal, object	2%

The body part injured was not reported for **54%** of firefighter casualties listed.

The following were identified as injured body parts, but represent less than 1% each of the total injuries:

- Arm, upper
- Eye
- Foot and toes
- Head
- Hip
- Internal
- Leg, lower
- Leg, upper
- Mouth
- Whole body
- Throat
- Wrist

2020 Where Fire Service Injuries Occurred and their Causes



Casualty Factor	Injuries	%
Not Reported	186	75%
Fire progress, including smoky conditions	25	10%
Contributing factor, other	13	5%
Uneven surface, included are holes in the ground	6	2%
Wet surface, included are water/soap/foam, etc.	4	2%
Fire development, other	3	1%
Falling objects	2	<1%
Slippery or uneven surfaces, other	2	<1%
Vehicle or apparatus, other	2	<1%
Ceiling collapse	1	<1%
Firefighter standing on apparatus	1	<1%
Flashover	1	<1%
Lost, caught, trapped, or confined, other	1	<1%
Person physically caught or trapped	1	<1%
Unguarded hole in structure	1	<1%
Total	249	100%

OSFM Analytics & Intelligence Unit, 2021, Annual Civilian Casualty Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

2020 Fire Service Injuries by Gender and Age Group



Male
90%

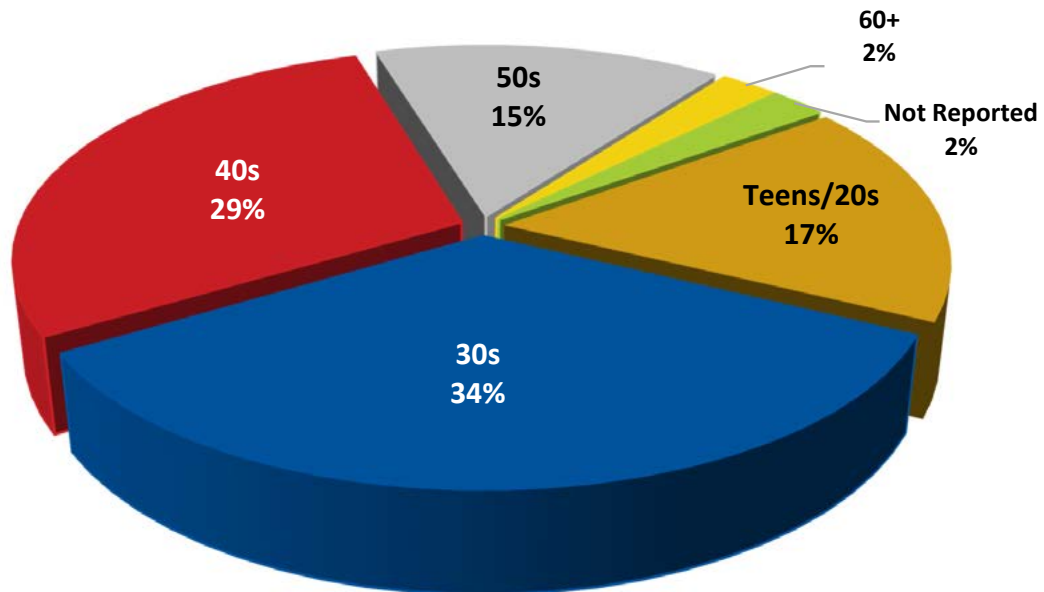


Female
8%



Not Reported
2%

Gender	Count
Female	21
Male	224
Not Reported	4
Total	249



Age Group	Count
Teens/20s	43
30s	85
40s	72
50s	37
60+	6
Not Reported	6
Total	249

COMMUNITY RIGHT TO KNOW

Executive Summary

The Oregon Community Right to Know and Protection Act (ORS 453.307 to ORS 453.520) requires facilities that possess certain quantities of hazardous substances to submit an annual report to the Oregon Office of State Fire Marshal (OSFM), Community Right to Know (CR2K) program. This law also requires emergency responders to report to OSFM incidents involving the release, or threatened release, of hazardous substances.

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 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 (EHS) designated by the Environmental Protection Agency are reportable at the specific threshold planning quantity established for each substance. Radioactive substances that are not within 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 reports are frequently reviewed and validated. Types of validation include contacting facilities for clarification of submitted data, reviewing scheduled control queries, and conducting in-person and phone audits to confirm and assist with compliance. A hazardous substance information hotline and an electronic help desk are available to facilities for assistance with submitting their information.

The general public has access to all non-confidential information reported by facilities. They are also able to obtain information about hazardous substance incidents. Fire agencies, hazardous material response teams, law enforcement, emergency planners, health officials, and local and state agencies also have access to this information. The data helps these partners make informed decisions when taking steps to protect life, property, and the environment from a hazardous materials incident.

For more information, please visit our CR2K website or call the Hazardous Substance Information Hotline at 503-378-6835 or 1-800-454-6125. To request or obtain hazardous substance information collected by CR2K, please visit <https://www.oregon.gov/osp/programs/sfm/Pages/OSFM-Reports.aspx>, 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 required to report in 2020.

Top 10 Reported NAICS Codes 2020

Industry Description	Facilities
Wireless Telecommunications Carriers*	2,327
Other General Government Support	1,034
Electric Power Distribution	472
General Automotive Repair	348
Petroleum Bulk Stations and Terminals	347
Elementary and Secondary Schools	330
Wired Telecommunications Carriers	308
Automotive Parts and Accessories Stores	284
Gasoline Stations with Convenience Stores	245
Water Supply and Irrigation Systems	222

*except Satellite

Hazard Class Reporting Frequency

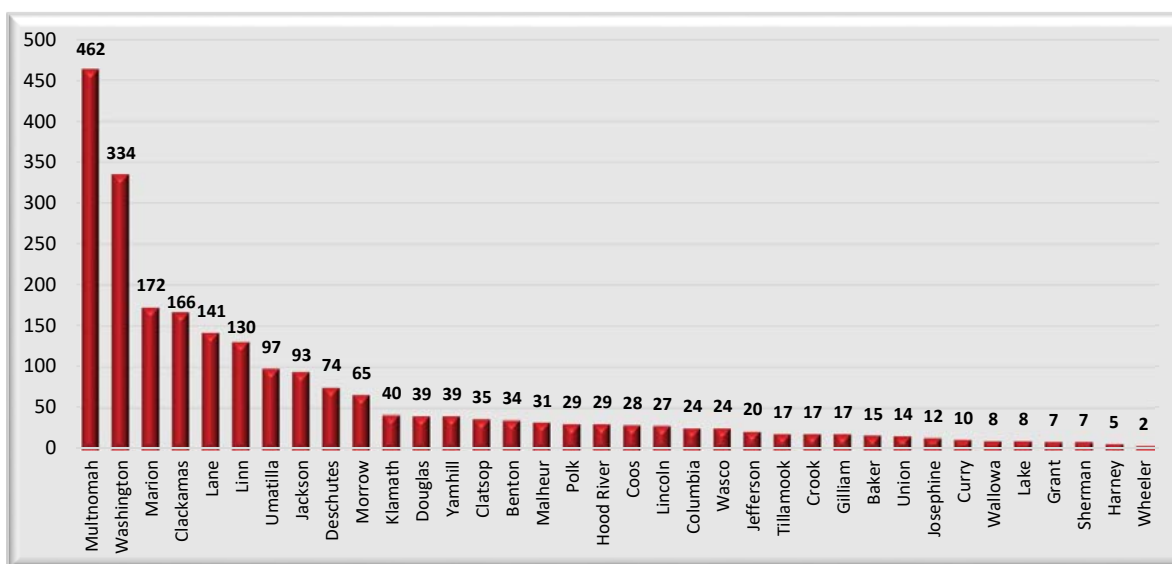
Facilities reporting substances to CR2K must also report the physical and health hazards associated with the substance. The hazards used for reporting are those adopted by the U.S. Environmental Protection Agency (EPA) from the Occupational Safety and Health Administration's (OSHA) Hazard Communication Standard (HCS) (29 CFR1910.1200). Several custom codes used only by the Oregon Community Right to Know program are also used. Facilities must identify all applicable hazards utilizing the substance's safety data sheet (SDS). Many substances have multiple hazards. This table shows how many times each hazard was reported for the 2020 reporting period.

Hazard	Times Reported
Serious Eye Damage or Eye Irritation	21,365
Skin corrosion or irritation	20,729
Flammable	13,770
Acute Toxicity	13,644
Respiratory or Skin Sensitization	12,493
Specific Target Organ Toxicity	9,923
Carcinogenicity	9,548
Gas under Pressure	9,342
Aspiration Hazard	6,848
Reproductive Toxicity	6,358
Corrosive to Metal	5,630
Explosive	5,518
Health - Hazard Not Otherwise Classified	4,816
Physical - Hazard Not Otherwise Classified	4,598
Simple Asphyxiant	3,983
Germ cell Mutagenicity	2,828
Oxidizer	2,328
Combustible Dust	1,230
Poisonous Material	1,167
Poisonous Gas	711
Fire Hazard	265
In contact with water emits flammable gas	253
Radioactive	250
Immediate Hazard	225
Delayed Hazard	194
Sudden Release of Pressure	117
Pyrophoric (Liquid or Solid)	111
Self-reactive	82
Pyrophoric Gas	78
Organic Peroxide	75
Infectious or Etiologic (Biological Hazard)	69
Reactive	60
Self-heating	58

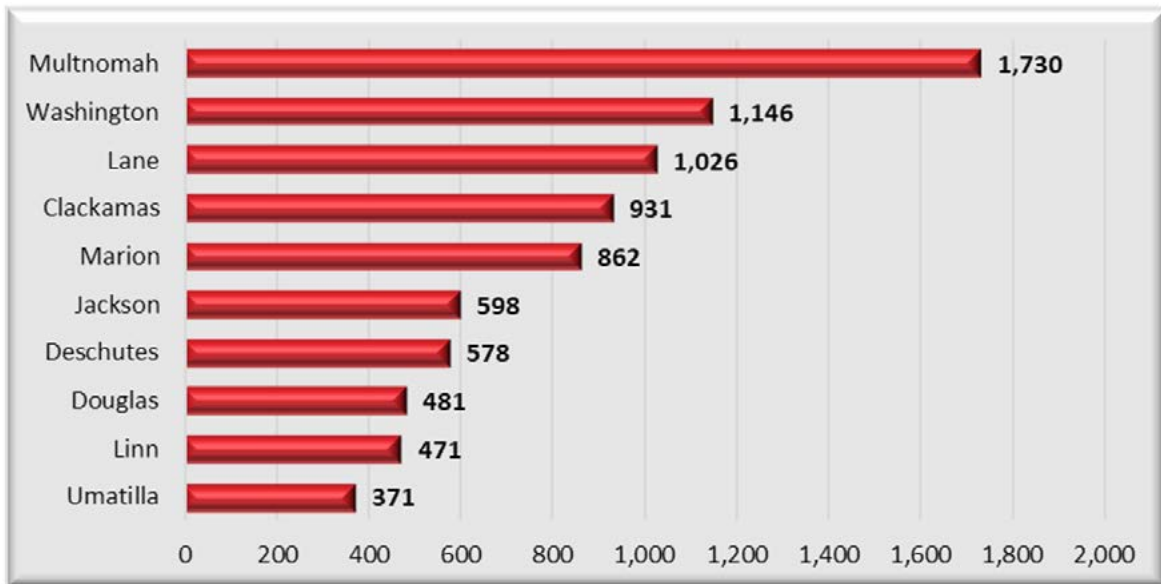
The following chart shows the number of facilities in each county that are reporting an extremely hazardous substance (EHS) at or above the Threshold Planning Quantity.

County	Number of Facilities Reporting	County	Number of Facilities Reporting
Multnomah	462	Coos	28
Washington	334	Lincoln	27
Marion	172	Columbia	24
Clackamas	166	Wasco	24
Lane	141	Jefferson	20
Linn	130	Tillamook	17
Umatilla	97	Crook	17
Jackson	93	Gilliam	17
Deschutes	74	Baker	15
Morrow	65	Union	14
Klamath	40	Josephine	12
Douglas	39	Curry	10
Yamhill	39	Wallowa	8
Clatsop	35	Lake	8
Benton	34	Grant	7
Malheur	31	Sherman	7
Polk	29	Harney	5
Hood River	29	Wheeler	2

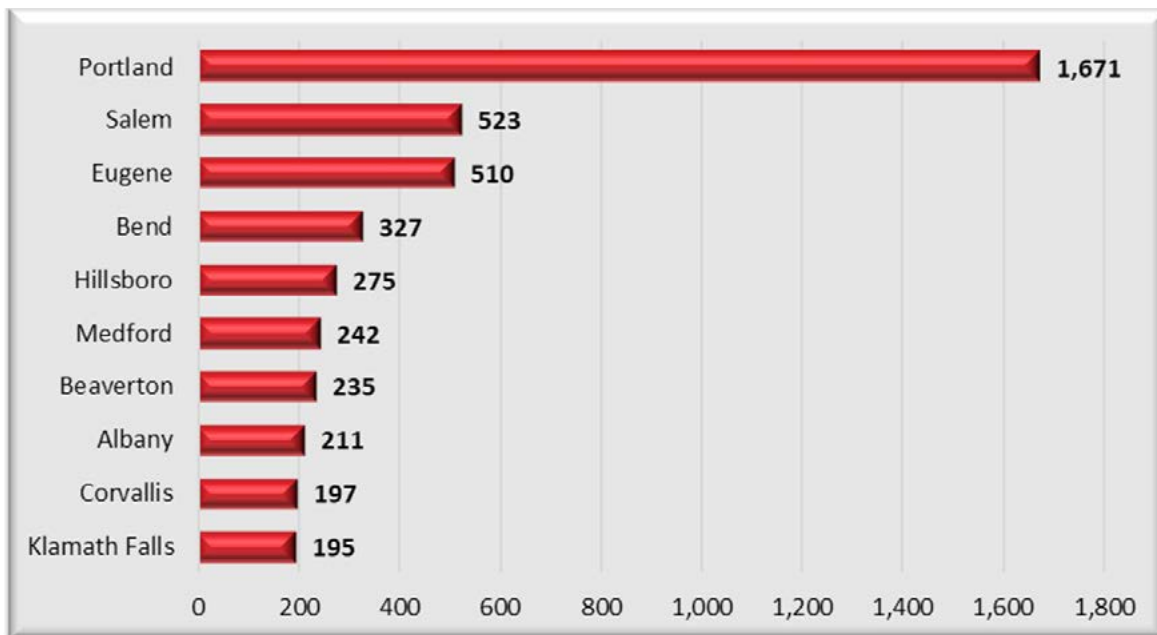
**Facilities Reporting an Extremely Hazardous Substance (EHS)
at the Threshold Planning Quantity (TPQ) by County**



Top Ten Counties with the Most Facilities Reporting

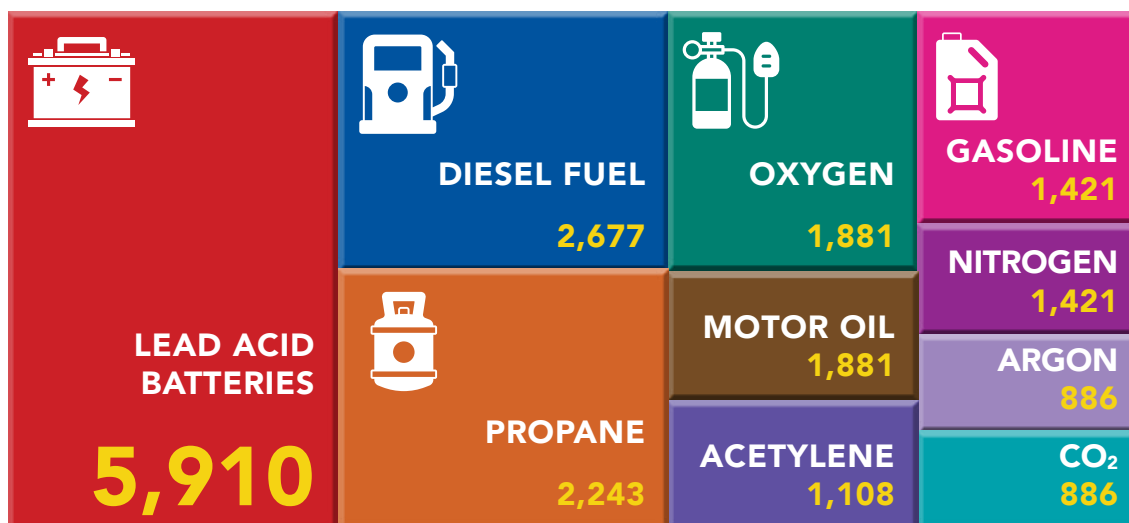


Top Ten Cities with the Most Facilities Reporting

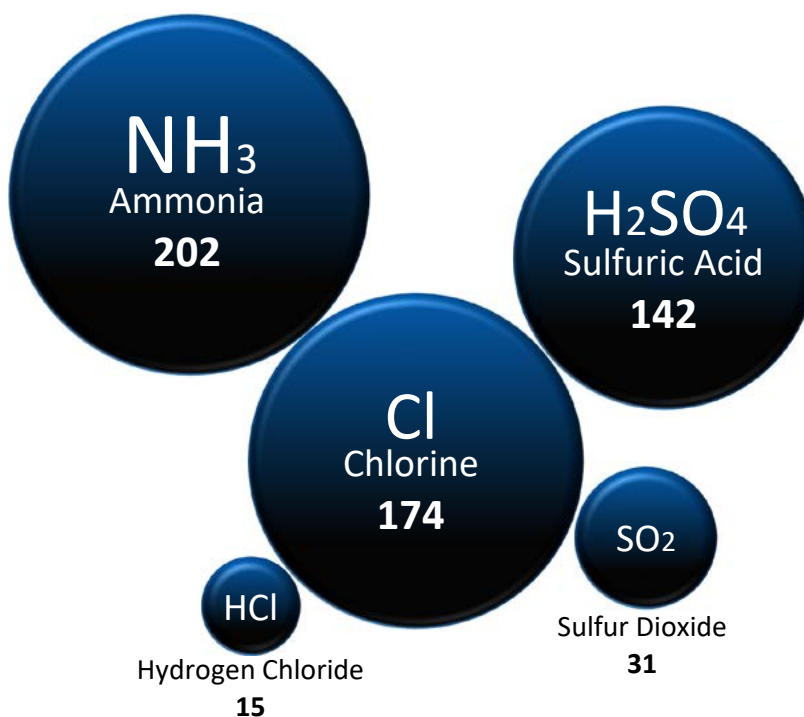


Substances Reported

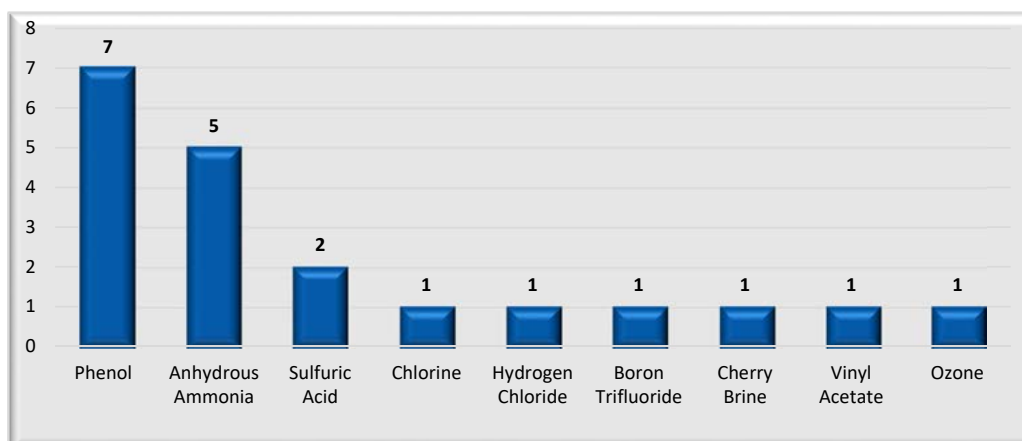
Top Ten Most Frequently Reported Substances



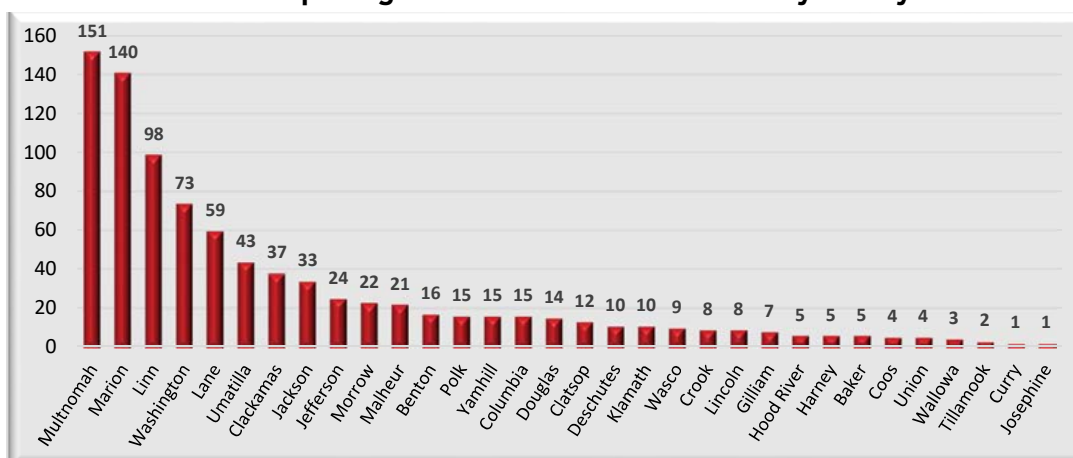
Top Five Most Frequently Reported Pure Extremely Hazardous Substances (EHS)



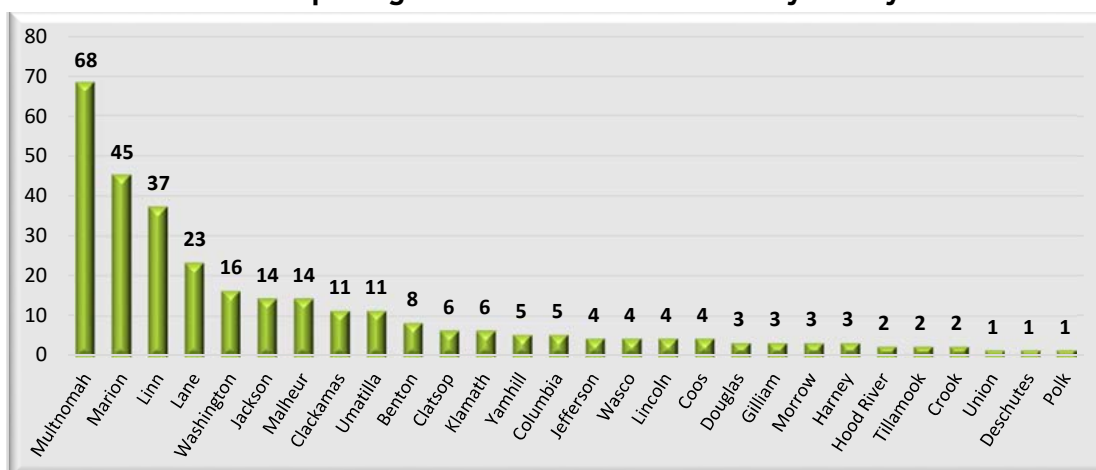
Pure Extremely Hazardous Substances (EHS) Reported over 100k Units



Facilities Reporting Substances over 250k Units – by County



Facilities Reporting Substances over 1M Units – by County



The chart below shows the substances that were reported in quantities exceeding 1 million pounds, gallons, or cubic feet, and the number of times each was reported.

Facility count is based upon the chemical name as reported by the facility. The chart may contain duplicates because of the use of a different name for the same substance.

Chemical Name	Count	Chemical Name	Count
Gasoline	10	Jet A Fuel	2
Fertilizer Urea	9	Jin-032C3	2
Lead Acid Batteries	9	Lead Acid Batteries-Dry	2
Diesel	6	Limestone	2
Fertilizer Muriate Of Potash	6	Melamine	2
Portland Cement	6	Natural Gas	2
Wood Dust	6	Paper Products	2
Fertilizer 46-0-0	5	Pf Wash Water	2
Alcohol Denatured Fuel Grade	4	Steel Alloys	2
Fertilizer 0-0-60 Potash	4	Titanium Base Alloys (Solids)	2
Sand	4	Titanium Ingots	2
Asphalt Liquid	3	Urea Solid	2
Brown Sugar (Light And Dark)	3	White Liquor	2
Diesel Fuel	3	Wood Chips And Dust	2
Fertilizer Ammonium Sulfate	3	3M Brand Roofing Granules	1
Peat Moss	3	Aluminum Alloy	1
Sugar	3	Ammonium Sulfate Fertilizer	1
Ammonium Sulfate 21-0-0 Plus 24(S)	2	Asphalt Cement	1
Asphalt	2	Asphalt Crack Filler	1
Biodiesel B5	2	Aviation Gasoline	1
Black Liquor Georgia-Pacific	2	Bakken Crude Oil	1
Denatured Ethanol	2	Biodiesel	1
Diesel Fuel 2	2	Biodiesel 2	1
Diesel Fuel 2 Low Sulfur	2	Biodiesel B100	1
Dolomite	2	Bnz Aggregates	1
Ethanol	2	Cellulose Fiber	1
Fertilizer 0-0-21 K-Mag	2	Cement	1
Fertilizer 16-20-0-13	2	Coke	1
Fertilizer Un-32/Ns-1	2	Compressed Natural Gas	1
Fly Ash Class C	2	Crude Oil	1
Granular Trio	2	Diatomaceous Earth	1
Green Liquor	2	Diesel 2	1
Hydrogen 5.7%/Nitrogen 94-99%	2	Diesel Fuel #2 Low Sulfur On-Road	1

Chemical Name	Count
Diesel Fuel 2 Ultra Low Sulfur	1
Diesel Fuel With 5% Biodiesel	1
Diesel Oil	1
Distillate (304205/304206)	1
Dolomite Lime	1
Duration	1
Fertilizer 11-52-0 Ssp	1
Fertilizer 11-52-0 Wilco	1
Fertilizer 12-40-0 Forty Rock	1
Fertilizer 12-40-0-10S Me Sz	1
Fertilizer 16-20-0	1
Fertilizer 20-0-0-24	1
Fertilizer 21-0-0-24	1
Fertilizer Scu Koch Agronomic	1
Fertilizer Uran 32-0-0	1
Fertilizer Urea 46-0-0	1
Flour	1
Fly Ash	1
Foul Condensate	1
Garden Blend	1
Garden Compost	1
Grain Dust	1
Graphite	1
Green Waste	1
High Density Polyethylene	1
High Iron-Iron Sand	1
Hv 13	1
Icekicker High Performance Road Salt	1
Kingsford Charcoal Briquets	1
Kingsford Matchlight Briquets	1
Kmg-B Penta Block	1
Lime Sludge	1
Lime-Calcium Carbonate	1
Limestone Pelletized	1
Liquor Black Weak	1

Chemical Name	Count
Liquor Green	1
Liquor White	1
Lpe Pf Wash Water	1
Magnesium Chloride	1
Medium Density Fiberboard	1
Monoammonium Phosphate Fertilizer	1
Moss Out Granular	1
Motor Oil	1
Nickel Base Alloy Electralloy	1
Organic Base Blend	1
Polyethylene Pellets	1
Potash	1
Potting Soil With Fertilizer	1
Pvc Suspension Resin	1
Quicklime	1
Salt	1
Scrap Metal - Recycle	1
Scrap Metal-Recycle Titanium-Pcc	1
Sodium Chlorate Crystals	1
Sulfate Of Potash	1
Tesoro Low/Ultra Low Sulfur Diesel	1
Ti 6-4 Aero	1
Titanium Alloy Ati	1
Transmix	1
Urea Ammonium Nitrate Solution	1
Used Oil	1
Wastewater Tmt Sludge	1
Weakwash	1
Wheat Flour	1
Zirconium Base Alloys	1

Hazardous Substance Incidents

INCIDENT COUNTS

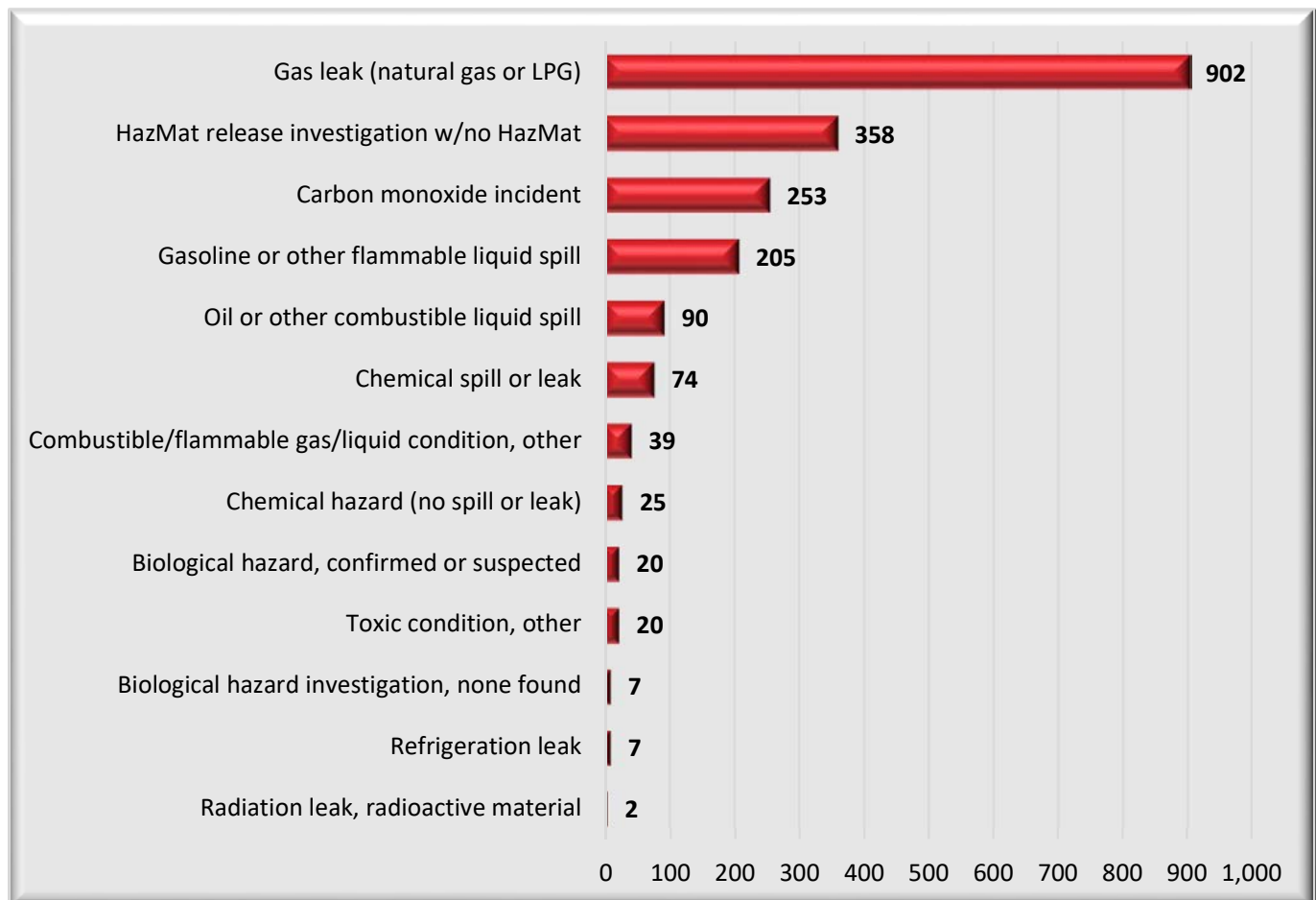
Under the Oregon Community Right to Know and Protection Act, those who responded to an incident involving hazardous substances must report information about the incident to OSFM. OSFM currently provides responders with an online incident reporting system.

Fire agencies and OSFM Hazmat teams reported 2,002 hazardous substance incidents in 2020. **These incidents resulted in no deaths or injuries to civilians or fire service personnel.**

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, sending an e-mail to sfmcr2k@state.or.us, or from our website at: <https://www.oregon.gov/osp/programs/sfm/Pages/OSFM-Reports.aspx>.

Incident reporters categorize Hazmat incidents into one of several categories. These categories describe the general types of responses to incidents.

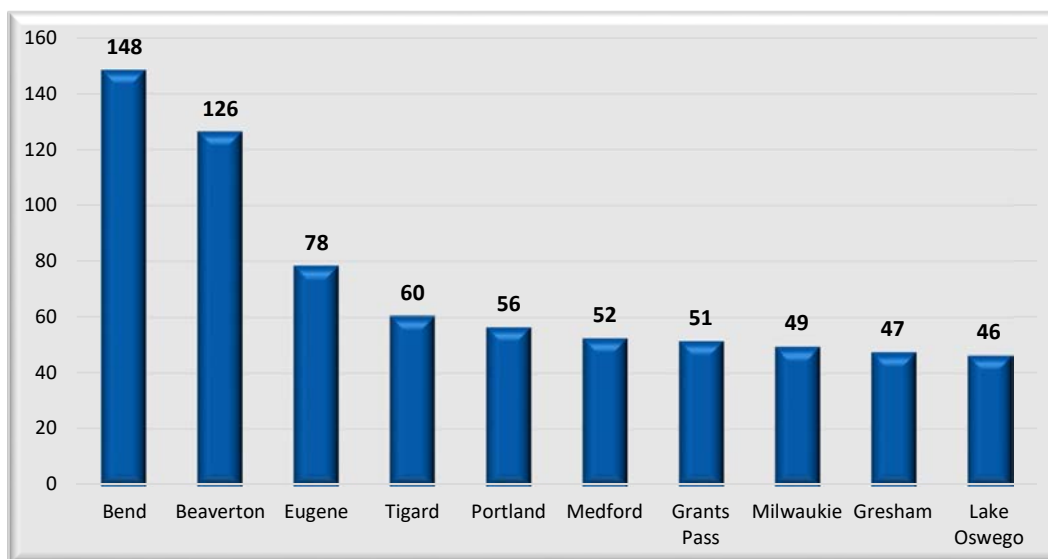
2020 Hazardous Substance Incident Types



OSFM Analytics & Intelligence Unit, 2021, NFIRS_Hazmat_FireAgencies_2020 Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

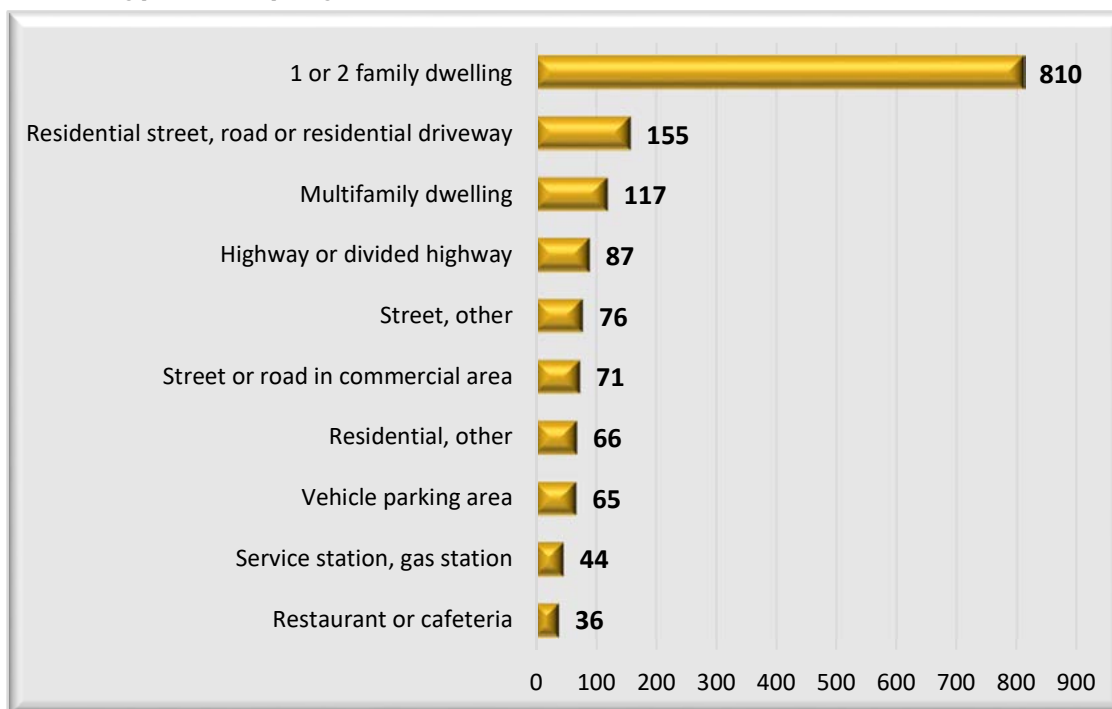
The cities listed in this graph are based upon the zip code of the address for which the incident occurred and may not necessarily be within the city limits.

Top Ten Cities with the Most Reported Hazardous Substance Incidents



This chart shows only incident counts and does not reflect the severity of the incidents.

Types of Property Uses Where Hazardous Substance Incidents Occurred



OFSM Analytics & Intelligence Unit, 2021, NFIRS_Hazmat_FireAgencies_2020 Data Set, Fire Incidents (Fire agency submitted NFIRS reports)

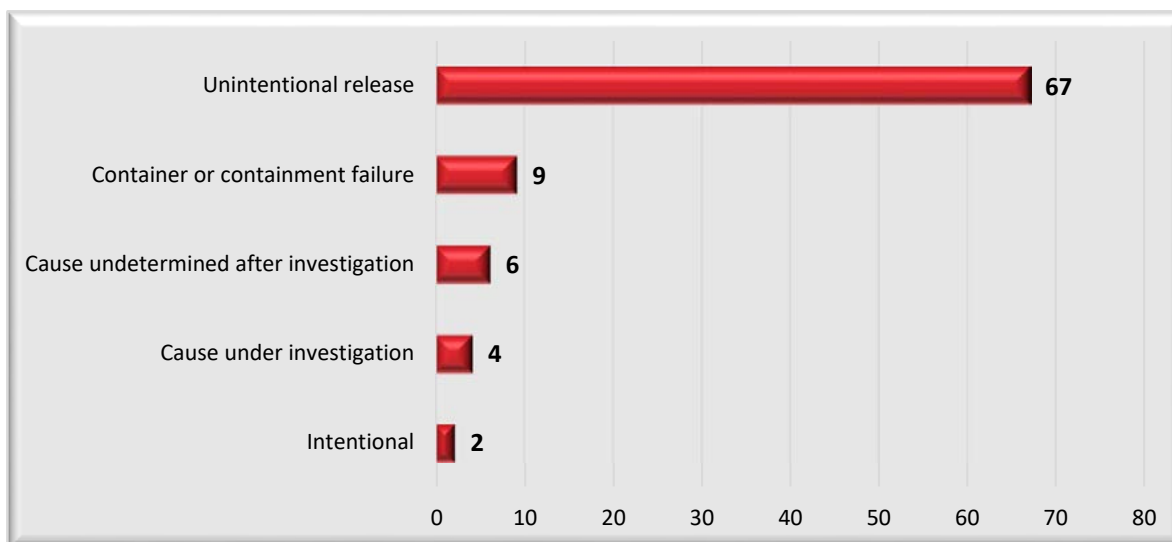
The hazard classes of substances involved were not always clearly stated in responder reports. Out of the 2,002 incidents, only 38 are identifiable by hazard class.

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

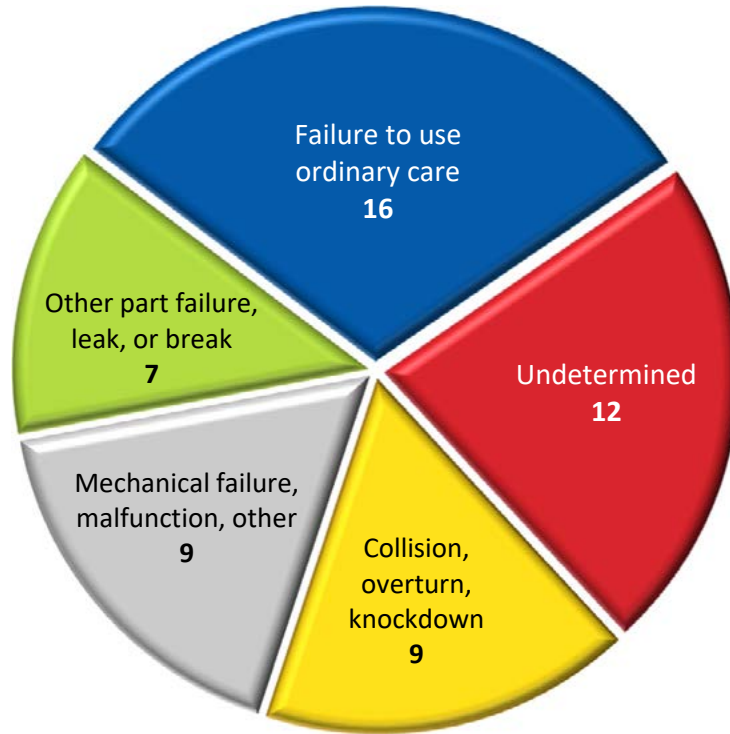


Several options are given for causes of a hazardous substance incident. Not all reports list the cause of an incident. This chart represents the 88 incidents for which a definitive cause was determined.

Causes of Hazardous Substance Incidents



Factors Contributing to Hazardous Substance Incidents



Hazardous Substance Incident Related Evacuation Summary

Number of
evacuation
incidents

10



Total number
of buildings
evacuated

19



Total number
of people
evacuated

81



REGIONAL HAZMAT TEAM

Oregon Regional Hazmat Team Responses

Oregon's 13 Regional Hazmat Emergency Response Teams responded to 43 incidents in 2020. The following table shows the number of responses for each team. A map of the Regional Hazmat Emergency Response Team boundaries appears on the following page.

Team	Number of Incidents	Team	Number of Incidents
Team 1 Roseburg	3	Team 9 Tualatin Valley	11
Team 2 Eugene	2	Team 10 Hermiston	4
Team 3 Gresham/Multnomah	4	Team 11 Astoria	0
Team 4 Klamath/Lake	2	Team 13 Salem	4
Team 5 Linn/Benton	4	Team 14 Ontario	1
Team 7 Portland	1	Team 15 Coos Bay	2
Team 8 Southern Oregon	5	Total	43

Of the 43 incidents responded to by a Regional Hazmat Emergency Response Team, a total of 30 different substances were involved.

Substance Name	Substance Name	Substance Name
Acetone	Formaldehyde(solution)	Petroleum
Ammonia	Fuming sulfuric acid	Petroleum distillate
Ammonia solution	Gasoline	Potassium hydroxide solution
Ammonium bromide	Hydrogen cyanide	Propane
Benzene	Lactic acid	Sodium hydroxide(solution)
Bleach	Lye	Sodium hypochlorite solution
Carbon dioxide	MEK	Toluene
Carbon monoxide	Muriatic acid	Trifluoroethane
Diesel fuel	Nitrogen liquid	White Powder
Difluoroethane	Paint, oil base	Xylene

Oregon's Regional Hazmat Emergency Response Teams conducted several outreach events and training sessions. Most training was conducted at local fire agencies within the response regions, and often included representatives from industries within the region. Outreach training ensures local responders are prepared to act quickly and safely and assist the responding RHMERT in the event of a hazardous substance incident.



EVENTS

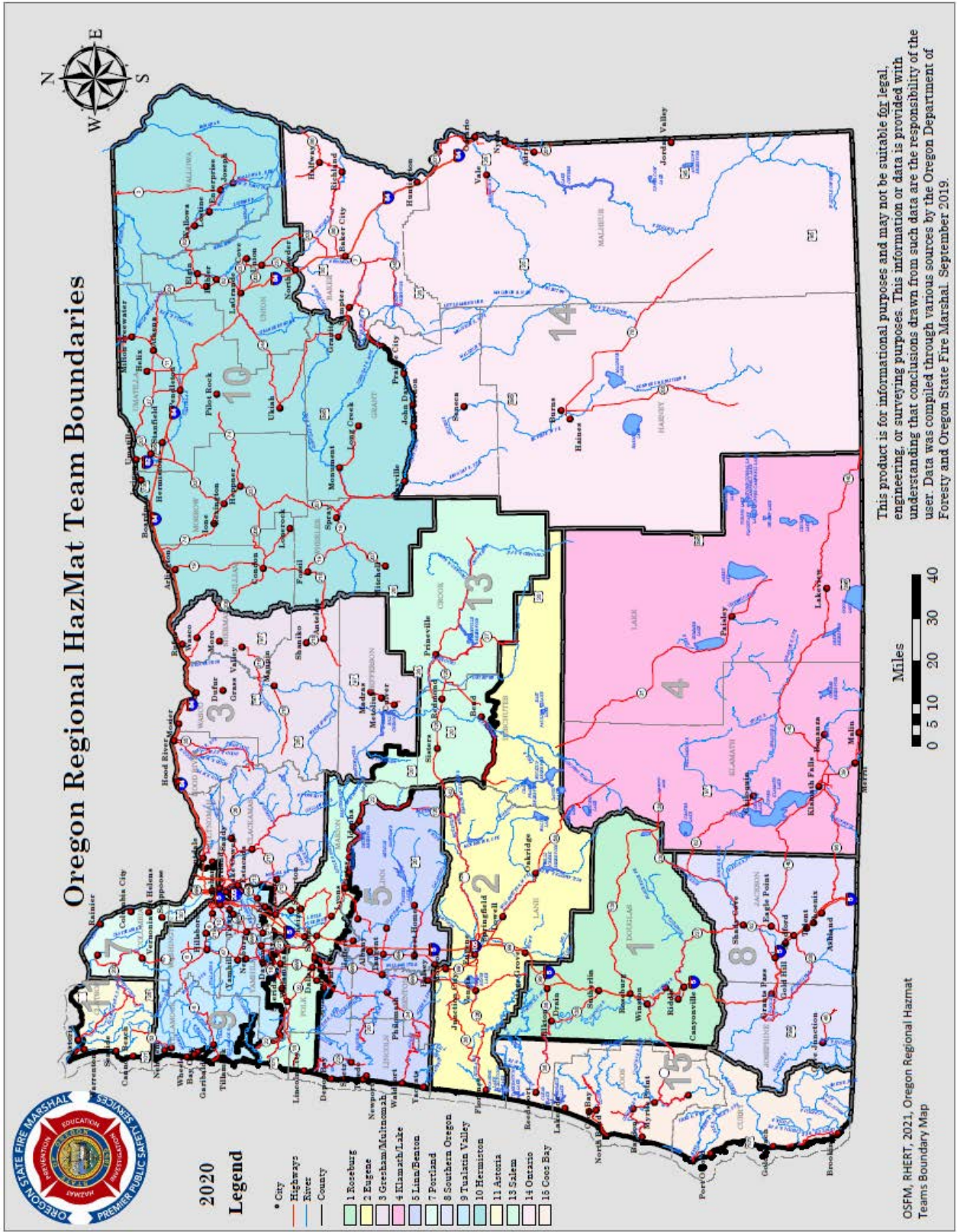
17



ATTENDEES

331

Oregon Regional Hazmat Team Boundary Map



APPENDIX 1

Fire Agency Responses by County

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Baker	108	1,622	310	2,040	5.3%
Baker City FD	46	1,493	239	1,778	2.6%
Baker RFPD	21	53	27	101	20.8%
Eagle Valley RFPD	6	0	4	10	60.0%
Greater Bowen Valley RFPD	5	0	6	11	45.5%
Haines RFPD	15	2	4	21	71.4%
Huntington FD	8	74	30	112	7.1%
Medical Springs RFPD	1	0	0	1	100.0%
Powder RFPD	1	0	0	1	100.0%
Powder River RFPD	3	0	0	3	100.0%
Unity-Burnt River FD	2	0	0	2	100.0%
Benton	179	5,386	2,305	7,870	2.3%
Adair RFPD	7	87	24	118	5.9%
Corvallis FD	148	4,815	2,077	7,040	2.1%
Philomath F & R	24	484	204	712	3.4%
Clackamas	1,029	25,335	13,032	39,396	2.6%
Canby FD	43	1,786	770	2,599	1.7%
Clackamas FD #1	580	12,729	6,772	20,081	2.9%
Colton RFPD	20	178	122	320	6.3%
Gladstone FD	38	1,147	385	1,570	2.4%
Gresham FD	0	0	10	10	0.0%
Hoodland FD #74	48	493	383	924	5.2%
Knappa RFPD	3	16	10	29	10.3%
Lake Oswego FD	69	2,426	1,290	3,785	1.8%
Molalla FD	63	1,847	785	2,695	2.3%
Monitor RFPD	4	23	45	72	5.6%
Oregon State Fire Marshal	2	0	0	2	100.0%
Portland F & R	3	0	0	3	100.0%
Sandy RFPD #72	50	1,393	723	2,166	2.3%
Silverton FD	2	23	13	38	5.3%
Tualatin Valley F&R	104	3,274	1,734	5,112	2.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Clatsop	219	2,904	1,415	4,538	4.8%
Astoria F & R	34	798	435	1,267	2.7%
Cannon Beach RFPD	11	213	171	395	2.8%
Elsie-Vinemapple RFPD	9	115	26	150	6.0%
Gearhart Vol FD	19	271	138	428	4.4%
Hamlet RFPD	26	52	27	105	24.8%
Knappa RFPD	20	314	143	477	4.2%
Lewis & Clark RFPD	6	2	62	70	8.6%
Nehalem Bay F & R	0	2	5	7	0.0%
Olney-Walluski FRD	14	72	32	118	11.9%
Oregon Military Department	20	0	2	22	90.9%
Seaside F & R	57	1,067	379	1,503	3.8%
Warrenton FD	3	0	0	3	100.0%
Columbia	172	5,836	2,195	8,203	2.1%
Banks FD	0	3	6	9	0.0%
Clatskanie RFPD	33	822	223	1,078	3.1%
Columbia River F & R	82	3,149	1,176	4,407	1.9%
Knappa RFPD	3	14	6	23	13.0%
Mist-Birkenfeld RFPD	2	68	83	153	1.3%
Scappoose FD	39	1,267	476	1,782	2.2%
Tualatin Valley F & R	1	3	4	8	12.5%
Vernonia RFPD	11	465	186	662	1.7%
Westport-Wauna RFPD	1	48	41	90	1.1%
Coos	281	4,301	2,353	6,935	4.1%
Bandon RFPD #8	15	47	88	150	10.0%
Coos Bay FD	150	2,577	1,283	4,010	3.7%
Coquille Valley Ambulance	13	0	9	22	59.1%
Dora-Sitkum RFPD	3	0	0	3	100.0%
Fairview RFPD	1	0	0	1	100.0%
Greenacres RFPD	3	22	2	27	11.1%
Hauser RFPD	15	0	11	26	57.7%
Lakeside RFPD	19	119	388	526	3.6%
Millington RFPD	5	52	34	91	5.5%
Myrtle Point Fire & Ambulance	6	0	2	8	75.0%
North Bay RFPD	1	0	0	1	100.0%
North Bend FD	36	1,484	524	2,044	1.8%
Powers FD	8	0	3	11	72.7%
Sumner RFPD	6	0	9	15	40.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Crook	107	2,807	502	3,416	3.1%
Alfalfa FD	2	2	0	4	50.0%
Crook County F & R	105	2,785	484	3,374	3.1%
Redmond F & R	0	20	18	38	0.0%
Curry	52	396	228	676	7.7%
Agness Illahe RFPD	2	0	0	2	100.0%
Brookings F & R	18	182	122	322	5.6%
Cape Ferrelo RFPD	1	3	3	7	14.3%
Gold Beach FD	20	183	70	273	7.3%
Harbor RFPD	1	0	0	1	100.0%
Pistol River VFD	2	14	16	32	6.3%
Port Orford VFD	3	2	7	12	25.0%
Sixes RFPD	4	9	9	22	18.2%
Winchuck RFPD	1	3	1	5	20.0%
Deschutes	613	15,900	4,541	21,054	2.9%
Alfalfa FD	29	40	3	72	40.3%
Bend FD	335	8,217	2,327	10,879	3.1%
Black Butte Ranch RFPD	4	117	75	196	2.0%
Cloverdale RFPD	5	46	99	150	3.3%
Crescent RFPD	2	137	21	160	1.3%
La Pine RFPD	64	1,883	330	2,277	2.8%
Oregon Outback RFPD	3	3	2	8	37.5%
Redmond F & R	139	4,429	1,210	5,778	2.4%
Sisters-Camp Sherman RFPD	21	731	306	1,058	2.0%
Sunriver F & A	11	297	168	476	2.3%
Douglas	448	7,433	5,137	13,018	3.4%
Douglas County FD #2	83	1,106	859	2,048	4.1%
Elkton RFPD	3	24	41	68	4.4%
Glendale RFPD	20	68	59	147	13.6%
Glide RFPD	15	352	220	587	2.6%
Kellogg RFD	11	64	31	106	10.4%
Lookingglass RFPD	9	103	49	161	5.6%
Myrtle Creek FD	17	100	244	361	4.7%
North Douglas Co F & EMS	55	89	215	359	15.3%
Oakland RFPD	5	35	94	134	3.7%
Oregon State Fire Marshal	1	0	0	1	100.0%
Reedsport FD	25	49	45	119	21.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Riddle FD	20	44	54	118	16.9%
Roseburg FD	106	3,562	2,167	5,835	1.8%
Sutherlin FD	13	705	285	1,003	1.3%
Tenmile RFPD	19	115	77	211	9.0%
Tri-City RFPD	20	145	96	261	7.7%
Winston-Dillard FD	26	872	601	1,499	1.7%
Gilliam	29	38	19	86	33.7%
North Gilliam Co RFPD	17	34	17	68	25.0%
South Gilliam Co RFPD	12	4	2	18	66.7%
Grant	33	6	43	82	40.2%
Dayville FD	3	2	6	11	27.3%
John Day FD	22	3	35	60	36.7%
Monument FD	1	1	0	2	50.0%
Oregon State Fire Marshal	1	0	0	1	100.0%
Prairie City FD	6	0	2	8	75.0%
Harney	35	19	107	161	21.7%
Burns FD	22	19	71	112	19.6%
Hines FD	13	0	36	49	26.5%
Hood River	55	1,448	394	1,897	2.9%
Cascade Locks F & EMS	26	204	72	302	8.6%
Hood River FD	27	1,244	320	1,591	1.7%
Mosier FD	2	0	2	4	50.0%
Jackson	810	17,960	11,556	30,326	2.7%
Applegate Valley RFPD	26	246	235	507	5.1%
Ashland F & R	56	2,854	1,503	4,413	1.3%
Colestin RFPD	3	6	7	16	18.8%
Evans Valley FD #6	6	284	125	415	1.4%
Jackson Co RFPD #5	69	1,489	1,557	3,115	2.2%
Jackson Co FD #3	182	4,839	2,528	7,549	2.4%
Jackson Co FD #4	21	590	312	923	2.3%
Jacksonville F & R	11	322	163	496	2.2%
Lake Creek RFPD #8	17	35	94	146	11.6%
Medford FD	387	6,160	4,461	11,008	3.5%
Oregon State Fire Marshal	1	0	0	1	100.0%
Rogue River RFPD	28	1,131	541	1,700	1.6%
RVI-M Airport FD	2	4	30	36	5.6%
Williams RFPD	1	0	0	1	100.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Jefferson	210	919	781	1,910	11.0%
Crooked River Ranch RFPD & Ambulance	20	403	152	575	3.5%
Jefferson Co RFPD #1	102	151	387	640	15.9%
Lake Chinook F & R	5	9	38	52	9.6%
Oregon State Fire Marshal	1	0	0	1	100.0%
Redmond F & R	16	261	104	381	4.2%
Sisters-Camp Sherman RFPD	1	25	11	37	2.7%
Warm Springs F & S	65	70	89	224	29.0%
Josephine	390	2,986	4,239	7,615	5.1%
Applegate Valley RFPD	10	24	40	74	13.5%
County FD	1	0	0	1	100.0%
Evans Valley FD #6	0	1	10	11	0.0%
Grants Pass DPS	107	1,215	2,358	3,680	2.9%
Illinois Valley FD	95	696	607	1,398	6.8%
Oregon State Fire Marshal	1	0	0	1	100.0%
Rogue River RFPD	5	196	189	390	1.3%
Rural Metro FD	125	779	961	1,865	6.7%
Williams RFPD	31	50	37	118	26.3%
Wolf Creek RFPD	15	25	37	77	19.5%
Klamath	294	7,188	2,158	9,640	3.0%
Bly RFPD	4	21	2	27	14.8%
Central Cascades F & EMS	3	32	18	53	5.7%
Chemult RFPD	2	0	3	5	40.0%
Chiloquin F & R	33	544	217	794	4.2%
Crescent RFPD	9	264	49	322	2.8%
Keno Rural FPD	16	251	59	326	4.9%
Klamath Co FD #1	150	5,832	1,628	7,610	2.0%
Klamath Co FD #3	26	78	100	204	12.7%
Klamath Co FD #5	21	105	53	179	11.7%
Malin RFPD	15	6	17	38	39.5%
Merrill RFPD	1	0	0	1	100.0%
Oregon State Fire Marshal	1	0	0	1	100.0%
Rocky Point F & EMS	13	55	12	80	16.3%
Lake	50	16	66	132	37.9%
Christmas Valley RFPD	23	1	24	48	47.9%
Lakeview FD	13	0	29	42	31.0%
Oregon State Fire Marshal	1	0	0	1	100.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Paisley VFD	11	2	0	13	84.6%
Thomas Creek Westside RFPD	2	13	13	28	7.1%
Lane	1,028	32,026	10,712	43,766	2.3%
Coburg RFPD	4	0	1	5	80.0%
Corvallis FD	0	13	8	21	0.0%
Dexter RFPD	8	260	70	338	2.4%
Eugene Springfield Fire	596	21,766	8,207	30,569	1.9%
Junction City FD	33	2	117	152	21.7%
Lane Fire Authority	93	3,834	959	4,886	1.9%
Lorane RFPD	11	63	14	88	12.5%
Lowell RFPD	17	234	64	315	5.4%
McKenzie F & R	30	531	194	755	4.0%
Mohawk Valley RFPD	7	284	100	391	1.8%
North Douglas Co F & EMS	1	7	13	21	4.8%
Oakridge FD & Ambulance	28	777	95	900	3.1%
Oregon State Fire Marshal	1	0	0	1	100.0%
Pleasant Hill Goshen F & R	36	693	234	963	3.7%
Siuslaw Valley F & R	64	674	379	1,117	5.7%
South Lane Co F & R	79	2,750	238	3,067	2.6%
Swisshome/Deadwood RFPD	1	25	0	26	3.8%
Upper McKenzie RFPD	19	113	19	151	12.6%
Lincoln	189	4,676	2,524	7,389	2.6%
Central Oregon Coast F & R	26	341	186	553	4.7%
Depoe Bay RFPD	21	689	295	1,005	2.1%
Newport FD	28	1,127	733	1,888	1.5%
North Lincoln F & R #1	52	1,821	877	2,750	1.9%
Siletz RFPD	4	125	15	144	2.8%
Toledo FD	48	539	163	750	6.4%
Yachats RFPD	10	34	255	299	3.3%
Linn	494	15,874	4,205	20,573	2.4%
Albany FD	165	7,717	1,538	9,420	1.8%
Brownsville RFPD	23	191	69	283	8.1%
Corvallis FD	0	52	52	104	0.0%
Eugene Springfield Fire	0	13	14	27	0.0%
Gates RFPD	4	2	0	6	66.7%
Halsey-Shedd RFPD	19	227	48	294	6.5%
Harrisburg F & R	17	361	126	504	3.4%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Jefferson RFPD	12	162	50	224	5.4%
Lane Fire Authority	0	173	60	233	0.0%
Lebanon FD	100	4,193	1,473	5,766	1.7%
Lyons RFPD	10	116	46	172	5.8%
Mill City RFPD	6	0	0	6	100.0%
Oregon State Fire Marshal	1	0	0	1	100.0%
Scio RFPD	24	248	130	402	6.0%
Stayton FD	10	50	32	92	10.9%
Sweet Home FAD	88	2,188	470	2,746	3.2%
Tangent RFPD	15	181	97	293	5.1%
Malheur	188	49	238	475	39.6%
Nyssa FD	39	9	35	83	47.0%
Ontario FD	71	4	142	217	32.7%
Ontario RFPD	33	1	24	58	56.9%
Payette RFD-Oregon	6	8	13	27	22.2%
Vale Ambulance Service	36	25	22	83	43.4%
Weiser RFPD Annex-Oregon	3	2	2	7	42.9%
Marion	1,101	33,164	12,587	46,852	2.3%
Albany FD	0	3	6	9	0.0%
Aumsville RFPD	21	450	180	651	3.2%
Aurora RFPD	11	100	69	180	6.1%
Canby FD	0	16	11	27	0.0%
Clackamas FD #1	0	5	2	7	0.0%
Gates RFPD	72	109	26	207	34.8%
Hillsboro	0	4	9	13	0.0%
Hubbard RFPD	11	220	143	374	2.9%
Idanha-Detroit RFPD	3	106	73	182	1.6%
Jefferson RFPD	24	532	244	800	3.0%
Keizer FD	45	3,775	776	4,596	1.0%
Marion Co FD #1	141	5,406	2,093	7,640	1.8%
Mill City RFPD	1	0	0	1	100.0%
Molalla FD	0	7	7	14	0.0%
Monitor RFPD	6	68	96	170	3.5%
Mt. Angel FD	18	244	170	432	4.2%
Polk Co FD #1	2	29	24	55	3.6%
Salem FD & EMS	514	18,878	6,336	25,728	2.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Silverton FD	54	425	353	832	6.5%
St. Paul FD	8	1	10	19	42.1%
Stayton FD	35	399	398	832	4.2%
Sublimity FD	11	239	117	367	3.0%
Tualatin Valley F & R	1	77	46	124	0.8%
Turner FD	24	536	365	925	2.6%
Woodburn FD	99	1,538	1,039	2,676	3.7%
Morrow	112	286	313	711	15.8%
Boardman FRD	42	211	157	410	10.2%
Heppner FD	23	41	109	173	13.3%
Ione RFPD	27	18	8	53	50.9%
Irrigon RFPD	13	1	17	31	41.9%
Lexington FD	3	2	3	8	37.5%
Oregon Military Department	1	0	0	1	100.0%
South Gilliam Co RFPD	1	0	0	1	100.0%
Umatilla Co FD #1	2	13	19	34	5.9%
Multnomah	4,026	63,600	28,965	96,591	4.2%
Clackamas FD #1	12	84	66	162	7.4%
Corbett FD #14	30	197	275	502	6.0%
Gresham FD	453	9,374	4,082	13,909	3.3%
Lake Oswego FD	2	60	65	127	1.6%
Portland F & R	3,504	53,726	24,331	81,561	4.3%
Sauvie Island RFPD #30	13	58	35	106	12.3%
Scappoose FD	2	48	9	59	3.4%
Tualatin Valley F & R	10	53	102	165	6.1%
Polk	132	2,693	1,161	3,986	3.3%
Amity FD	2	12	14	28	7.1%
Corvallis FD	0	12	5	17	0.0%
Dallas FD	29	558	308	895	3.2%
Dayton FD	2	45	13	60	3.3%
Falls City FD	6	159	27	192	3.1%
Grand Ronde Tribal Fire & Safety	0	1	12	13	0.0%
Philomath F & R	1	4	2	7	14.3%
Polk Co FD #1	56	1,797	601	2,454	2.3%
Sheridan FD	0	5	10	15	0.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
SW Polk Co RFPD	26	69	123	218	11.9%
West Valley FD	10	31	46	87	11.5%
Sherman	21	98	19	138	15.2%
Moro RFPD	6	4	0	10	60.0%
North Sherman Co RFPD	15	93	19	127	11.8%
South Sherman Co RFPD	0	1	0	1	0.0%
Tillamook	116	1,742	1,240	3,098	3.7%
Bay City FD	1	101	48	150	0.7%
Garibaldi FD	8	76	52	136	5.9%
Nehalem Bay F & R	24	552	238	814	2.9%
Nestucca RFPD	17	553	388	958	1.8%
Netarts-Oceanside RFPD	12	152	86	250	4.8%
Rockaway FD	5	1	16	22	22.7%
Tillamook FD	49	307	412	768	6.4%
Umatilla	392	6,830	1,361	8,583	4.6%
Boardman FRD	3	0	1	4	75.0%
East Umatilla F&R	38	285	40	363	10.5%
Echo RFPD	32	12	30	74	43.2%
Heppner FD	1	1	0	2	50.0%
La Grande RFPD	1	0	0	1	100.0%
Milton-Freewater EMS	50	32	37	119	42.0%
Milton-Freewater FD	10	0	7	17	58.8%
Oregon Military Department	1	0	5	6	16.7%
Pendleton F & A	63	2,459	469	2,991	2.1%
Pilot Rock RFPD	23	6	16	45	51.1%
Umatilla Co FD #1	147	4,019	710	4,876	3.0%
Umatilla RFPD #7-405	18	16	44	78	23.1%
Umatilla Tribal FD	5	0	2	7	71.4%
Union	116	2,587	782	3,485	3.3%
Baker City FD	0	8	1	9	0.0%
Cove RFPD	7	0	8	15	46.7%
Elgin RFPD	28	1	11	40	70.0%
Imbler RFPD	12	0	10	22	54.5%
La Grande FD	28	2,309	593	2,930	1.0%
La Grande RFPD	26	243	143	412	6.3%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Powder RFPD	2	0	0	2	100.0%
Union Emergency Services	4	22	14	40	10.0%
Union RFPD	9	4	2	15	60.0%
Wallowa	52	183	39	274	19.0%
Enterprise FD	23	19	21	63	36.5%
Joseph FD	21	161	16	198	10.6%
Lostine FD	5	3	2	10	50.0%
Wallowa FD	3	0	0	3	100.0%
Wasco	119	2,488	655	3,262	3.6%
Dufur Volunteer Ambulance	5	0	0	5	100.0%
Hood River FD	1	38	9	48	2.1%
Juniper Flat RFPD	3	24	10	37	8.1%
Maupin FD	4	0	2	6	66.7%
Mid-Columbia F & R	72	2,284	569	2,925	2.5%
Mosier FD	15	59	40	114	13.2%
Oregon State Fire Marshal	2	0	0	2	100.0%
Shaniko VFD	1	2	0	3	33.3%
Tygh Valley RFPD	7	0	2	9	77.8%
Wamic RFPD	9	81	23	113	8.0%
Washington	1,291	36,888	18,134	56,313	2.3%
Banks FD	20	270	149	439	4.6%
Cornelius FD	44	923	485	1,452	3.0%
Forest Grove FD	56	2,160	1,178	3,394	1.6%
Gaston RFD	21	163	112	296	7.1%
Hillsboro FD	246	5,758	4,084	10,088	2.4%
Oregon State Fire Marshal	1	0	0	1	100.0%
Portland F & R	11	0	0	11	100.0%
Tualatin Valley F & R	891	27,599	12,115	40,605	2.2%
Yamhill FPD	1	15	11	27	3.7%
Wheeler	6	10	3	19	31.6%
Fossil FD	3	10	3	16	18.8%
Spray VFD	3	0	0	3	100.0%

APPENDIX 1 - Fire Agency Responses by County

County/Agency	Fires	EMS	Non-Fire/ Non-EMS	Total Calls	% of Fire
Yamhill	263	6,222	2,512	8,997	2.9%
Amity FD	15	238	149	402	3.7%
Dayton FD	17	281	121	419	4.1%
Dundee FD	15	205	153	373	4.0%
Lafayette FD	10	247	101	358	2.8%
McMinnville FD	43	1,095	339	1,477	2.9%
New Carlton FD	7	175	96	278	2.5%
Sheridan FD	31	160	146	337	9.2%
SW Polk Co RFPD	1	1	4	6	16.7%
Tualatin Valley F & R	100	3,538	1,257	4,895	2.0%
West Valley FD	14	148	62	224	6.3%
Yamhill FPD	10	134	84	228	4.4%
Total	14,760	311,916	136,831	463,507	3.2%

The data in Appendix 1 is based upon NFIRS incident reports submitted to the Office of the State Fire Marshal no later than March 31, 2021.

In situations in which aid is given, multiple agencies respond to the same incident. As such, the combined totals in each category of this appendix will not equal the totals elsewhere in this report as "aid given" reports are excluded from those totals.

DEFINITIONS

Fires - reported responses to actual fires.

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

Non-Fire/Non-EMS - reported responses to other incident types such as overpressure, hazardous conditions, service calls, good intent calls, false alarms, severe weather, and citizen complaints.

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

APPENDIX 2

Fire Agency Service Area

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
BAKER						
Baker City FD	10,000	9	4,300	\$1,760,000,000	3	2017
Baker RFPD	3,000	96	1,500	NR	5	2020
Eagle Valley RFPD	350	33	122	NR	6b/8	2019
Greater Bowen Valley RFPD	300	82	240	\$31,887,830	8B/10	2020
Haines FPD	1,400	128	600	NA	4/410W	2018
Huntington FD	700	110	240	\$4,800,000	4	2020
Keating RFPD	NR	NR	NR	NR	NR	NR
Medical Springs RFPD	NR	NR	NR	NR	NR	NR
Pine Valley RFPD	NR	NR	NR	NR	NR	NR
Powder River RFPD	200	25	200	\$4,000,000	8b	2020
Sumpter FD	300	2	275	\$55,108,000	6/8	2008
Unity-Burnt River FD	500	1,000	280	NR	NR	NR
BENTON						
Adair RFPD	2,500	18	700	\$370,091,142	3/3Y	2016
Alsea RFPD	NR	NR	NR	NR	NR	NR
Blodgett-Summit RFPD	550	32	220	\$53,354,774	8B	2014
Corvallis FD	58,856	14	NR	NR	2	NR
Hoskins-Kings Vly RFPD	NR	NR	NR	NR	NR	NR
Monroe RFPD	3,500	134	8,365	\$292,652,300	5/8b	2010
Philomath F&R	10,000	58	4,500	\$900,000,000	4/10	2019
CLACKAMAS						
Canby RFPD	NR	NR	NR	NR	NR	NR
Clackamas CO Fire Dist #1	220,000	226	57,229	\$39,168,979,870	2	2017
Colton RFPD #70	NR	NR	NR	NR	NR	NR
Gladstone FD	12,324	4	5,000	\$32,000,000	4	2012
Hoodland Fire Dist #74	5,932	45	NR	NR	4/10	2020

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
Lake Oswego FD	43,457	14	19,946	\$13,673,289,669	2	2017
Molalla Fire Dist	30,000	350	5,084	\$3,409,310,142	3/5/10W/10	2016
Sandy RFPD #72	25,000	77	NR	NR	3/10	2017
CLATSOP						
Astoria FD	9,967	10	4,000	\$1,800,000,000	4	2012
Cannon Beach RFPD	NR	NR	NR	NR	NR	NR
Elsie-Vinemaple RFPD	NR	NR	NR	NR	NR	NR
Gearhart Vol FD	3,900	29	2,225	\$1,406,057,462	3	2015
Hamlet Vol FD	NR	NR	NR	NR	NR	NR
Knappa-Svensen-Burnside RFPD	4,000	90	1,000	\$293,575,643	4	2018
Lewis & Clark RFPD	3,000	40	1,400	NR	3	2019
Olney Walluski F&R	3,500	49	NR	NR	8A	2016
Seaside F&R	8,500	15	4,350	\$1,400,000,000	3/8B	2013
Warrenton FD	NR	NR	NR	NR	NR	NR
Westport-Wauna RFPD	380	3	120	\$35,000,000	4/8	2006
COLUMBIA						
Clatskanie RFPD	6,600	135	2,829	\$1,609,765,690	4/10	2018
Columbia River F&R	36,000	181	15,500	\$4,267,105,624	4	2017
Mist Birkenfeld RFPD	1,388	165	400	\$241,073,387	5/8b/10	2012
Scappoose RFPD	15,000	50	5,200	\$2,118,169,364	3	2017
Vernonia RFPD	NR	NR	NR	NR	NR	NR
COOS						
Bandon RFPD #8	NR	NR	NR	NR	NR	NR
Bridge RFPD	NR	NR	NR	NR	NR	NR
Charleston RFPD	NR	NR	NR	NR	NR	NR
Coos Bay F&R	16,610	11	6,650	\$1,671,506,612	3	2010
Coquille FD	NR	NR	NR	NR	NR	NR
Dora-Sitkum RFPD	NR	NR	NR	NR	NR	NR
Fairview RFPD	750	102	250	NR	8A/9	2018
Greenacres RFPD	1,250	12	875	\$63,148,099	6b	2017
Hauser RFPD	NR	NR	NR	NR	NR	NR

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
Lakeside RFPD	NR	NR	NR	NR	NR	NR
Millington Fire Dist #5	5,000	14	NR	NR	5/10	2020
Myrtle Point FD	8,000	50	2,000	NR	4/8b	2015
North Bay RFPD	7,000	40	1,040	\$377,914,059	4	2020
North Bend FD	9,765	6	NR	\$771,468,792	3	2012
Powers FD	700	22	400	NR	9	2007
Sumner RFPD	2,700	17	350	\$65,000,000	5/10	2020
CROOK						
Crook CO F&R	23,000	450	NR	\$5,852,846,683	4/10	2018
CURRY						
Agness Illahe RFPD	NR	NR	NR	NR	NR	NR
Brookings F&R	NR	NR	NR	NR	NR	NR
Cape Ferrelo RFPD	2,165	16	865	\$227,521,988	8b	2005
Cedar Valley-N Bank RFPD	NR	NR	NR	NR	NR	NR
Gold Beach FD	2,600	14	900	NR	5	2011
Harbor RFPD	NR	NR	NR	NR	NR	NR
Langlois RFPD #4-107	NR	NR	NR	NR	NR	NR
Ophir RFPD	NR	NR	NR	NR	NR	NR
Pistol River Fire Dist	200	18	100	\$289,181	8/b10	2017
Port Orford Vol FD	NR	NR	NR	NR	NR	NR
Sixes RFPD	NR	NR	NR	NR	NR	NR
Winchuck RFPD	NR	NR	NR	NR	NR	NR
DESCHUTES						
Alfalfa Fire Dist	1,500	64	200	NR	8b	2018
Bend FD	106,023	166	44,056	NR	3/5/10	2013
Black Butte Ranch RFPD	6,000	3	1,254	\$751,037,045	3	2018
Cloverdale RFPD	3,500	50	1,500	\$720,000,000	6	2010
La Pine RFPD	22,000	117	8,900	\$3,258,908,636	4/5	2012
Redmond F&R	50,000	294	16,658	\$8,039,651,390	3/10/10W	2018
Sisters-Camp Sherman RFPD	6,500	55	2,400	\$1,200,000,000	3/10	2017
Sunriver FD	1,800	5	4,662	\$2,177,700,465	3	2012

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
DOUGLAS						
Azalea Vols	NR	NR	NR	NR	NR	NR
Camas Valley Vol RFD	NR	NR	NR	NR	NR	NR
Canyonville South Umpqua FD	5,000	15	2,000	500,00,00	4/7B	2015
Days Creek RFD	500	25	200	NR	9	NR
Douglas CO Fire Dist #2	37,000	95	NR	\$3,271,354,535	3/4/10w/10	2019
Elkton RFPD	1,200	900	200	\$121,741,407	5	2019
Fair Oaks RFPD	NR	NR	NR	NR	NR	NR
Gardiner RFPD	NR	NR	NR	NR	NR	NR
Glendale RFPD	1,900	8	500	\$350,000,000	4	2012
Glide RFPD	4,200	25	1,700	\$493,772,948	4/5/10	2016
Kellogg RFD	1,100	106	400	\$123,842,228	8B	2019
Lookingglass RFD	3,400	90	1,600	\$148,155,333	4/10W	2019
Milo RFPD	NR	NR	NR	NR	NR	NR
Myrtle Creek FD	NR	NR	NR	NR	NR	NR
North Douglas CO Fire & EMS	6,500	54	1,000	\$488,219,149	4,5	2016
Oakland RFPD	2,500	100	1,000	\$190,972	4	NR
Reedsport Vol FD	4,280	5	1,494	NR	4	2012
Riddle Fire Dist	1,300	15	1,200	NR	4	2020
Roseburg FD	24,915	11	6,199	\$3,120,035,141	2	2016
Scottsburg RFD	NR	NR	NR	NR	NR	NR
Sutherlin FD	8,000	6	2,874	NR	3	2019
Tenmile RFPD	2,800	40	900	\$136,622,708	8b	2018
Tiller RFD	NR	NR	NR	NR	NR	NR
Tri City Fire Dist #4	NR	NR	NR	NR	NR	NR
Winchester Bay RFPD	NR	NR	NR	NR	NR	NR
Winston-Dillard Fire Dist	NR	NR	NR	NR	NR	NR
GILLIAM						
North Gilliam CO RFPD	700	450	NR	NR	7	NR
South Gilliam CO RFPD	1,100	843	NR	NR	6	NR

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
GRANT						
Canyon City FD	660	4	330	NR	6	2000
Dayville FD	225	NR	175	NR	NR	NR
Granite City FD	NR	NR	NR	NR	NR	NR
John Day FD	1,735	10,952	1,450	\$271,923,300	4/8	NR
Long Creek FD	NR	NR	NR	NR	NR	NR
Monument FD	120	1	85	NR	NR	NR
Mt Vernon FD	NR	NR	NR	NR	NR	NR
Prairie City FD	NR	NR	NR	NR	NR	NR
Seneca Vol FD	NR	NR	NR	NR	NR	NR
HARNEY						
Burns FD	3,500	207	NR	NR	3/3Y	2015
Hines FD	1,565	3	690	\$5,673,347	4	2020
HOOD RIVER						
Cascade Locks Fire & EMS	1,285	25	445	\$1,180,000	4	2019
Hood River FD	8,000	3	NR	NR	3	2016
Parkdale RFPD	NR	NR	NR	NR	NR	NR
West Side RFPD	7,000	25	2,200	\$609,538,754	3	2015
Wy'East Fire Dist	5,950	30	1,750	\$868,686,788	3/10	2015
JACKSON						
Applegate Valley RFPD #9	10,000	181	NR	NR	5/10	2019
Ashland F&R	21,000	650	9,600	\$4,346,499,745	3	2014
Butte Falls Vol FD	NR	NR	NR	NR	NR	NR
Colestin RFPD	250	17	143	\$24,500,00	8b	2019
Evans Valley Fire Dist #6	5,000	30	1,600	\$257,649,322	5/10	2016
Greensprings RFPD	450	250	350	NR	8B	2019
Jackson CO FD #3	NR	NR	NR	NR	NR	NR
Jackson CO RFPD #4	6,600	37	NR	\$538,455,000	4/10	NR
Jackson CO RFPD #5	22,000	120	NR	NR	5	2018
Jacksonville FD	2,900	2	3,000	\$445,000,000	2	2017
Lake Creek RFPD #8	2,800	120	500	\$145,950,000	8b	2009

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
Medford FD	94,415	56	35,000	\$12,090,685,950	2	2017
Prospect RFPD	476	800	277	NR	7/7y	2019
Rogue River RFP	12,000	77	4,023	\$1,099,818,607	3/5	2015
Rogue Valley Intl Airport FD	NA	2	0	NA	NA	0
JEFFERSON						
Crooked River Ranch RFPD	5,000	16	2,600	NR	4/10W	2016
Jefferson CO RFPD #1	NR	NR	NR	NR	NR	NR
Lake Chinook F&R	3,000	46	1,000	NR	8B	2018
Warm Springs Fire & Safety	NR	NR	NR	NR	NR	NR
JOSEPHINE						
County FD	35,000	120	1,825	NR	6/10	2015
Grants Pass FD	38,191	11	16,336	\$3,505,009,245	2	2015
Illinois Valley Fire Dist	1,690	146	3,000	NR	4	2015
Rural Metro FD	33,000	250	14,000	NR	4/5/10W/10	2015
Williams RFPD	NR	NR	NR	NR	NR	NR
Wolf Creek RFPD						
Bly RFPD	300	7	168	\$1,600,000	6	2000
Bonanza RFPD	NR	NR	NR	NR	NR	NR
Central Cascades Fire & EMS	100	13	375	\$76,698,395	8B/10	2012
Chemult RFPD	NR	NR	NR	NR	NR	NR
Chiloquin-Agency LK RFPD	5,800	105	2,800	\$261,000,000	4/4y	2015
Crescent RFPD	NR	NR	NR	NR	NR	NR
Keno RFPD	3,500	44	1,550	\$200,000,000	5/8/10	2017
Klamath CO FD #3	NR	NR	NR	NR	NR	NR
Klamath CO FD #4	3,400	10	500	\$125,217,560	3	2015
Klamath CO FD #5	NR	NR	NR	NR	NR	NR
Klamath CO Fire Dist #1	52,000	210	18,480	NR	3/10	2016
Malin RFPD	1,500	86	1,500	\$95,000,000	6/9	2007
Merrill RFPD	NR	NR	NR	NR	NR	NR
Oregon Outback RFPD	1,140	40	520	\$75,963,429	8b/10	2018
Rocky Point Fire & EMS	600	264	200	NR	8B/10	NR

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
LAKE						
Christmas Valley RFPD	2,000	800	400	\$0	6	2010
Lakeview FD	4,000	72	700	NR	4/10	2019
New Pine Creek RFPD	NR	NR	NR	NR	NR	NR
Paisley Vol FD	NR	NR	NR	NR	NR	NR
Silver Lake RFPD	NR	NR	NR	NR	NR	NR
South Lane CO F&R	30,000	132	NR	NR	2/4	2016
Thomas Creek Westside RFPD	NR	NR	NR	NR	NR	NR
LANE						
Coburg RFPD	3,200	32	1,100	\$504,898,000	4/6	2010
Dexter RFPD	2,510	23	1,072	\$195,897,466	6/10	2016
Eugene Springfield Fire	290,640	94	125,973	\$22,375,767,474	2	2017
Junction City RFPD	11,500	67	4,500	NR	3/8b	2014
Lake Creek RFPD	NR	NR	NR	NR	NR	NR
Lane Fire Authority	NR	NR	NR	NR	NR	NR
Lorane RFPD	NR	NR	NR	NR	NR	NR
Lowell RFPD	2,500	23	1,850	\$191,314,928	4	2016
Mapleton FD	NR	NR	NR	NR	NR	NR
McKenzie F&R	12,000	39	2,640	\$51,681,739	5	2012
Mohawk Valley RFD	4,500	28	2,500	\$389,690,576	4/5	2015
Oakridge FD	NR	NR	NR	NR	NR	NR
Pleasant Hill Goshen F&R	4,800	40	2,600	\$735,258,214	4	2017
Siuslaw Valley F&R	17,000	120	NR	NR	4/10	2017
Swisshome-Deadwood RFPD	NR	NR	NR	NR	NR	NR
Upper Mckenzie RFPD	1,800	6	300	NR	5Y	2013
Central Oregon Coast F&R	2,980	36	1,527	NR	5	2019
LINCOLN						
Depoe Bay RFPD	8,660	33	3,812	\$1,645,076,455	4	2017
Newport FD	NR	NR	NR	NR	NR	NR
North Lincoln F&R Dist #1	NR	NR	NR	NR	NR	NR
Siletz RFPD	NR	NR	NR	NR	NR	NR

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
Toledo FD	5,778	55	2,319	\$2,234,532	3/4	2015
Yachats RFPD	2,500	15	1,500	\$818,913,030	4/4y	4/4y
LINN						
Albany FD	60,000	83	NR	\$8,700,796,966	2	2018
Brownsville RFD	3,800	68	1,200	\$635,880,620	4/10	2017
Halsey-Shedd RFPD	2,500	110	1,200	\$1,000,000,000	4/6	2018
Harrisburg F&R	5,500	86	1,500	\$446,931,235	4/8B/10	2013
Lebanon FD	34,000	156	8,000	NR	NR	NR
Lyons RFPD	2,453	1,000	928	\$345,810,650	5/8B	NR
Mill City RFPD	2,500	10	1,250	\$271,688,632	4/5	2016
Scio RFPD	5,000	101	2,148	\$985,281,350	4/8B	2012
Sweet Home Fire & Amb Dist	NR	NR	NR	NR	NR	NR
Tangent RFPD	3,500	45	NR	NR	6/9	2011
MALHEUR						
Adrian RFPD	2,000	294	500	\$100,431,000	4/6/9	1982
Nyssa FD	6,400	68	2,500	\$350,500,000	5/5/10	2018
Ontario F&R	11,500	6	3,410	\$959,891,500	3	2016
Ontario RFPD #7-302	6,500	52	964	\$213,036,970	4/8	2016
Payette RFPD-Oregon	NR	NR	NR	NR	NR	NR
Vale FD	1,880	810	1,500	\$2,500,000	5/5/10	2017
Weiser RFPD Annex-Oregon	NR	NR	NR	NR	NR	NR
MARION						
Aumsville RFPD	7,200	32	NR	\$1,053,820,750	4/10	2016
Aurora RFPD	6,000	64	NR	\$1,029,259,182	5	2018
Drakes Crossing RFPD	850	25	380	NR	8B/10	2013
Gates RFPD	600	25	220	NR	NR	NR
Hubbard RFPD	5,000	7	4,000	\$75,000,000	4	2016
Idanha-Detroit RFPD	300	7	NR	NR	6/8	NR
Jefferson RFPD	9,500	97	3,140	\$693,312,818	4/10	2019
Keizer Fire Dist	39,279	11	14,232	\$4,454,083,270	3/8	NR
Marion CO Fire Dist #1	50,000	80	10,975	\$6,579,255,198	4	2017

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
Monitor RFPD #58	NR	NR	NR	NR	NR	NR
Mt Angel Fire Dist	6,500	35	2,708	\$1,102,190,230	3	2016
Salem FD	NR	NR	NR	NR	NR	NR
Silverton RFPD	21,850	106	5,442	\$3,132,352,276	3/10	2016
St Paul Fire Dist	2,000	35	485	NR	5/10	2018
Stayton Fire Dist	16,000	107	NR	\$1,081,089,203	5/10	2011
Sublimity Fire Dist	5,500	44	1,300	\$762,119,863	3/10	2018
Turner Fire Dist	10,750	50	1,100	\$347,185,345	3	2017
Woodburn Fire Dist	39,000	76	7,955	\$4,801,577,407	2/3	2020
MORROW						
Boardman FRD	NR	NR	NR	NR	NR	NR
Heppner FD	1,984	646	1,069	\$270,172,827	5/9/10	2010
Ione FD	857	454	382	NR	NR	NR
Irrigon RFPD	NR	NR	NR	NR	NR	NR
Lexington FD	NR	NR	NR	NR	NR	NR
MULTNOMAH						
Corbett Fire Dist #14	4,000	40	1,200	\$613,800,000	5/5Y	2014
Gresham Fire & Emerg Srvcs	153,000	60	46,036	\$24,540,019,922	3/9	2003
Port Of Portland Airport F&R	NR	NR	NR	NR	NR	NR
Portland F&R	664,605	160	237,269	N/A	02/2Y	2015
Sauvie Island Vol FD	1,200	33	800	\$204,169,000	5/10	2014
POLK						
Dallas FD	16,260	5	NR	NR	3	2019
Falls City FD	1,112	1	413	\$70,125,200	4	2014
Grand Ronde Tribal	500	16	197	\$601,529,249	3	2018
Polk CO Fire Dist #1	26,000	185	NR	\$1,476,385,988	3/10	2020
Spring Valley RFPD	NR	NR	NR	NR	NR	NR
SW Polk CO RFPD	6,200	123	1,500	\$676,089,412	5/10	2018

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
SHERMAN						
Moro FD	350	1	115	NR	NR	2004
Moro RFPD	350	1	255	\$8,945,770	5	2016
North Sherman CO RFPD	NR	NR	NR	NR	NR	NR
South Sherman RFPD	NR	NR	NR	NR	NR	NR
TILLAMOOK						
Bay City FD	1,286	1	493	NR	3	2012
Garibaldi FD	1,288	14	800	\$105,800,000	4	2018
Nehalem Bay F&R	5,000	26	2,600	\$1,300,000,000	3/4/10	2016
Nestucca RFPD	7,500	125	12,000	\$1,704,160,792	5	2018
Netarts-Oceanside RFPD	1,300	17	1,400	\$669,778,582	5	2005
Rockaway FD	1,403	3	2,400	\$456,000,000	6	2015
Tillamook Fire Dist	25,000	93	NR	NR	3	NR
UMATILLA						
East Umatilla F&R	NR	NR	NR	NR	NR	NR
Echo RFPD	1,500	490	750	\$168,000,000	6/8	2005
Milton-Freewater FD	7,200	2	2,300	\$340,000,000	3	2016
Milton-Freewater RFD	7,500	350	2,700	NR	8B	2013
Pendleton Fire & Amb	16,733	12	5,824	NA	4	2015
Pilot Rock RFPD	2,300	348	900	\$125,000,000	5	2020
Ukiah FD	NR	NR	NR	NR	NR	NR
Umatilla CO Fire Dist #1	38,000	260	12,000	\$2,560,747,544	3	2018
Umatilla RFPD	8,000	26	1,200	\$880,915,018	5/7	2015
Umatilla Tribal FD	NR	NR	NR	NR	NR	NR
UNION						
Cove RFPD	NR	NR	NR	NR	NR	NR
Elgin RFPD	3,000	50	400	NR	9	2013
Imbler RFPD	NR	NR	NR	NR	NR	NR
La Grande FD	13,642	5	5,300	\$1,360,332,070	4	2010
La Grande RFPD	6,000	135	NR	NR	5/5y	2009
Powder RFPD	950	172	300	NR	NR	NR

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
Union Emerg Svcs	2,000	3	800	NR	4/8	2014
Union RFPD	NR	NR	NR	NR	NR	NR
WALLOWA						
Enterprise FD	NR	NR	NR	NR	NR	NR
Joseph FD	2,000	70	1,500	NR	5/9	2018
Lostine FD	NR	NR	NR	NR	NR	NR
Wallowa FD	1,500	70	500	\$94,162,900	6/9	1995
WASCO						
Dufur Vol FD	NR	NR	NR	NR	NR	NR
Juniper Flat RFPD	NR	NR	NR	NR	NR	NR
Maupin FD	430	2	305	NR	4/4y	2014
Mid-Columbia F&R	18,000	110	8,000	\$3,428,224,278	3/9/10	2018
Mosier Fire Dist	2,500	28	600	\$130,900,400	5/5Y	2014
Shaniko Vol FD	125	350	75	NR	10	2010
Tygh Valley Vol FD	350	47	210	NA	6/8b	2015
Wamic RFPD	NR	NR	NR	NR	NR	NR
Banks Fire Dist #13	NR	NR	NR	NR	NR	NR
Cornelius FD	19,000	42	5,250	\$923,451,020	4/10	2006
Forest Grove F&R	NR	NR	NR	NR	NR	NR
Gaston RFPD	6,100	55	2,500	\$280,619,548	5/10	2010
Hillsboro F&R	104,670	25	42,287	\$14,177,589,366	2	2004
Tualatin Valley F&R	535,723	390	NR	NR	2/10W/10	2017
WHEELER						
Fossil Vol FD	450	150	350	\$21,061,419	6	2010
Mitchell Vol FD	NR	NR	NR	NR	NR	NR
Spray Vol FD	320	10	199	NR	6	2006
Wheeler CO F&R	NR	NR	NR	NR	NR	NR

APPENDIX 2 - Fire Agency Service Area

County/Agency	District Population	District Size (Sq. Mi.)	Family Dwellings	Cash Value of District	ISO Class	Date Last Graded
YAMHILL						
Amity Fire Dist	3,000	85	1,000	\$971,804,625	4/10	2016
Dayton Fire District	NR	NR	NR	NR	NR	NR
Dundee FD	5,050	13	NR	\$569,532,209	4/8/9	2000
Lafayette FD	NR	NR	NR	NR	NR	NR
McMinnville FD	NR	NR	NR	NR	NR	NR
New Carlton Fire District	NR	NR	NR	NR	NR	NR
Sheridan FD	9,000	101	1,900	\$523,459,135	4/10	2018
West Valley Fire Dist	5,000	62	1,100	\$365,669,700	3	2019
Yamhill FPD	4,500	72	2,750	\$851,620,094	4/10	1980

The information in Appendix 2 was compiled from Fire Service Profiles submitted to the Office of State Fire Marshal by Oregon fire agencies, as reported by the respective fire agency. Not all agencies provided information and will be omitted. Some agencies only provided limited information, missing information will be listed as Not Reported (NR).

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



APPENDIX 3

Fire Agency Demographics

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Baker				
Baker City FD	Municipal	Combination	Yes	1
Baker RFPD	District	Volunteer	No	15
Eagle Valley RFPD	District	Volunteer	No	4
Greater Bowen Valley RFPD	District	Combination	No	0
Haines FPD	District	Volunteer	No	2
Huntington FD	Municipal	Volunteer	No	2
Keating RFPD	NR	NR	NR	NR
Medical Springs RFPD	NR	NR	NR	NR
Pine Valley RFPD	NR	NR	NR	NR
Powder River RFPD	District	Volunteer	NR	1
Sumpter FD	Municipal	Volunteer	No	1
Unity-Burnt River FD	Municipal	Volunteer	No	NR
Benton				
Adair RFPD	District	Volunteer	No	0
Alsea RFPD	NR	NR	NR	NR
Blodgett-Summit RFPD	District	Volunteer	No	4
Corvallis FD	Municipal	Combination	Yes	7
Hoskins-Kings Vly RFPD	NR	NR	NR	NR
Monroe RFPD	District	Combination	No	7
Philomath F&R	District	Combination	Yes	9
Clackamas				
Canby RFPD	NR	NR	NR	NR
Clackamas CO Fire Dist #1	District	Combination	Yes	9
Colton RFPD #70	NR	NR	NR	NR
Gladstone FD	Municipal	Combination	Yes	0
Hoodland Fire Dist #74	District	Combination	Yes	6
Lake Oswego FD	Municipal	Career	Yes	2
Molalla Fire Dist	District	Combination	Yes	3

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
18	25	2	Yes	-	Yes	Yes
14	0	0	-	-	-	-
9	0	5	-	-	-	-
12	1	6	-	-	-	-
11	0	0	-	-	-	-
8	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
6	0	2	-	-	Yes	-
4	0	5	-	-	Yes	-
NR	0	0	-	-	Yes	-
16	2	1	-	-	Yes	-
NR	NR	NR	-	-	-	-
4	0	2	-	-	Yes	-
73	65	0	Yes	-	Yes	Yes
NR	NR	NR	-	-	-	-
11	3	1	-	-	Yes	-
27	8	4	-	Yes	Yes	-
NR	NR	NR	-	-	-	-
214	290	30	Yes	Yes	Yes	-
NR	NR	NR	-	-	-	-
20	5	0	-	-	Yes	-
35	20	27	-	Yes	Yes	Yes
50	106	0	-	-	Yes	-
31	16	8	Yes	-	Yes	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Sandy RFPD #72	District	Combination	Yes	2
Clatsop				
Astoria FD	Municipal	Combination	Yes	0
Cannon Beach RFPD	NR	NR	NR	NR
Elsie-Vinemapple RFPD	NR	NR	NR	NR
Gearhart Vol FD	Municipal	Combination	No	6
Hamlet Vol FD	NR	NR	NR	NR
Knappa-Svensen-Burnside RFPD	District	Volunteer	No	4
Lewis & Clark RFPD	District	Combination	No	10
Olney Walluski F&R	District	Volunteer	No	12
Seaside F&R	Municipal	Combination	Yes	2
Warrenton FD	NR	NR	NR	NR
Westport-Wauna RFPD	District	Combination	No	2
Columbia				
Clatskanie RFPD	District	Combination	Yes	3
Columbia River F&R	District	Combination	Yes	5
Mist Birkenfeld RFPD	District	Combination	No	6
Scappoose RFPD	District	Combination	Yes	2
Vernonia RFPD	NR	NR	NR	NR
Coos				
Bandon RFPD #8	NR	NR	NR	NR
Bridge RFPD	NR	NR	NR	NR
Charleston RFPD	NR	NR	NR	NR
Coos Bay F&R	Municipal	Combination	Yes	2
Coquille FD	NR	NR	NR	NR
Dora-Sitkum RFPD	NR	NR	NR	NR
Fairview RFPD	Other	Volunteer	No	2
Greenacres RFPD	District	Volunteer	No	3
Hauser RFPD	NR	NR	NR	NR
Lakeside RFPD	NR	NR	NR	NR
Millington Fire Dist #5	District	Combination	No	9
Myrtle Point FD	Municipal	Combination	No	1

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
42	17	3	-	Yes	Yes	-
23	11	0	-	-	-	Yes
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
20	4	0	-	Yes	Yes	-
NR	0	0	-	-	-	-
16	2	0	Yes	Yes	Yes	Yes
19	2	0	-	Yes	Yes	-
9	0	2	-	-	-	Yes
28	8	0	-	-	Yes	Yes
NR	0	0	-	-	-	-
10	1	0	-	-	Yes	-
21	16	0	Yes	Yes	Yes	-
71	87	0	Yes	Yes	Yes	-
18	5	17	Yes	Yes	Yes	-
38	34	0	Yes	Yes	Yes	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
28	16	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
9	0	10	-	-	Yes	-
10	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	0	0	-	-	-	-
16	1	0	-	-	Yes	Yes
13	6	0	Yes	-	Yes	Yes

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
North Bay RFPD	District	Combination	No	22
North Bend FD	Municipal	Combination	Yes	3
Powers FD	Municipal	Combination	No	3
Sumner RFPD	District	Volunteer	No	10
Crook				
Crook CO F&R	District	Combination	Yes	1
Curry				
Agness Illahe RFPD	NR	NR	NR	NR
Brookings F&R	Municipal	Combination	No	4
Cape Ferrelo RFPD	District	Volunteer	No	2
Cedar Valley-N Bank RFPD	NR	NR	NR	NR
Gold Beach FD	Municipal	Volunteer	No	1
Harbor RFPD	NR	NR	NR	NR
Langlois RFPD #4-107	NR	NR	NR	NR
Ophir RFPD	NR	NR	NR	NR
Pistol River Fire Dist	District	Volunteer	No	2
Port Orford Vol FD	NR	NR	NR	NR
Sixes RFPD	NR	NR	NR	NR
Winchuck RFPD	NR	NR	NR	NR
Deschutes				
Alfalfa Fire Dist	District	Volunteer	No	3
Bend FD	Municipal	Career	Yes	1
Black Butte Ranch RFPD	District	Combination	Yes	1
Cloverdale RFPD	District	Combination	No	3
La Pine RFPD	District	Combination	Yes	2
Redmond F&R	District	Combination	Yes	4
Sisters-Camp Sherman RFPD	District	Combination	No	5
Sunriver FD	District	Combination	Yes	1
Douglas				
Azalea Vols	NR	NR	NR	NR
Camas Valley Vol RFD	NR	NR	NR	NR
Canyonville South Umpqua FD	District	Volunteer	No	6
Days Creek RFD	District	Volunteer	No	1
Douglas CO Fire Dist #2	District	Combination	Yes	0
Elkton RFPD	District	Volunteer	No	2

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
21	1	0	-	-	Yes	-
27	18	0	-	-	Yes	-
13	1	0	Yes	-	Yes	Yes
18	0	5	-	-	Yes	-
49	26	0	Yes		Yes	
NR	NR	NR	-	-	-	-
16	2	16	-	-	-	-
14	0	1	-	-	-	-
NR	NR	NR	-	-	-	-
26	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
8	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
13	1	2	-	-	Yes	-
80	132	5	Yes	-	-	-
16	9	0	Yes	-	Yes	-
21	2	21	-	Yes	Yes	-
40	30	8	Yes	-	Yes	-
40	107	3	Yes	-	Yes	-
45	15	30	Yes	Yes	Yes	-
17	25	0	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
20	0	6	-	-	-	-
7	0	4	-	-	Yes	-
50	42	0	Yes	-	Yes	Yes
16	0	1	-	-	-	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Fair Oaks RFPD	NR	NR	NR	NR
Gardiner RFPD	NR	NR	NR	NR
Glendale RFPD	District	Volunteer	No	1
Glide RFPD	District	Combination	No	0
Kellogg RFD	District	Volunteer	No	3
Lookingglass RFD	District	Volunteer	No	5
Milo RFPD	NR	NR	NR	NR
Myrtle Creek FD	NR	NR	NR	NR
North Douglas CO Fire & EMS	District	Combination	No	NR
Oakland RFPD	District	Volunteer	No	4
Reedsport Vol FD	Municipal	Volunteer	No	6
Riddle Fire Dist	District	Volunteer	NR	4
Roseburg FD	Municipal	Career	Yes	0
Scottsburg RFD	NR	NR	NR	NR
Sutherlin FD	Municipal	Combination	No	6
Tenmile RFPD	District	Combination	No	2
Tiller RFD	NR	NR	NR	NR
Tri City Fire Dist #4	NR	NR	NR	NR
Winchester Bay RFPD	NR	NR	NR	NR
Winston-Dillard Fire Dist	NR	NR	NR	NR
Gilliam				
North Gilliam CO RFPD	District	Volunteer	No	3
South Gilliam CO RFPD	District	Volunteer	No	4
Grant				
Canyon City FD	Municipal	Volunteer	No	0
Dayville FD	Municipal	Volunteer	NR	0
Granite City FD	NR	NR	NR	NR
John Day FD	Municipal	Volunteer	No	2
Long Creek FD	NR	NR	NR	NR
Monument FD	Municipal	Volunteer	No	3
Mt Vernon FD	NR	NR	NR	NR
Prairie City FD	NR	NR	NR	NR
Seneca Vol FD	NR	NR	NR	NR

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
NR	NR	NR	-	-	-	-
NR	0	0	-	-	-	-
7	0	0	-	-	Yes	-
8	5	7	-	-	Yes	-
12	0	1	-	-	Yes	-
19	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	11	45	Yes	-	-	-
16	0	12	-	-	Yes	-
28	0	0	-	-	-	Yes
25	0	0	-	-	-	-
39	42	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
20	6	0	-	-	Yes	-
14	2	1	-	-	Yes	Yes
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
8	0	0	-	-	-	Yes
12	0	0	-	-	-	-
11	0	2	-	-	-	-
6	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
10	1	0	-	-	-	-
NR	NR	NR	-	-	-	-
4	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Harney				
Burns FD	Municipal	Combination	No	4
Hines FD	Municipal	Volunteer	No	2
Hood River				
Cascade Locks Fire & EMS	Municipal	Combination	No	5
Hood River FD	Municipal	Combination	Yes	2
Parkdale RFPD	NR	NR	NR	NR
West Side RFPD	District	Combination	No	7
Wy'East Fire Dist	District	Combination	No	3
Jackson				
Applegate Valley RFPD #9	District	Combination	Yes	4
Ashland F&R	Municipal	Career	Yes	1
Butte Falls Vol FD	NR	NR	NR	NR
Colestin RFPD	Other	Volunteer	No	3
Evans Valley Fire Dist #6	District	Combination	No	1
Greensprings RFPD	District	Volunteer	No	2
Jackson CO FD #3	NR	NR	NR	NR
Jackson CO RFPD #4	District	Combination	Yes	1
Jackson CO RFPD #5	District	Combination	Yes	0
Jacksonville FD	Municipal	Combination	Yes	1
Lake Creek RFPD #8	District	Volunteer	No	2
Medford FD	Municipal	Career	Yes	0
Prospect RFPD	Private - Non Profit	Volunteer	No	1
Rogue River RFP	District	Combination	Yes	0
Rogue Valley Intl Airport FD	Private - For Profit	Career	Yes	0
Jefferson				
Crooked River Ranch RFPD	District	Combination	Yes	6
Jefferson CO RFPD #1	NR	NR	NR	NR
Lake Chinook F&R	District	Combination	No	1
Warm Springs Fire & Safety	NR	NR	NR	NR

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
17	1	0	-	-	-	Yes
9	0	0	-	-	-	Yes
13	4	0	Yes	-	Yes	-
18	32	1	Yes	-	Yes	-
NR	NR	NR	-	-	-	-
43	3	25	-	Yes	Yes	-
18	2	25	-	Yes	Yes	-
25	13	3	-	Yes	Yes	Yes
29	65	0	Yes	-	Yes	-
NR	NR	NR	-	-	-	-
7	0	1	-	-	Yes	-
19	2	0	-	-	Yes	-
13	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
6	10	0	-	-	Yes	-
24	33	0	-	-	Yes	-
12	11	0	-	-	-	-
11	2	6	-	-	-	-
72	83	0	-	-	Yes	-
6	0	2	-	-	Yes	-
19	24	1	Yes	-	Yes	Yes
7	7	0	-	-	Yes	-
21	11	0	Yes	Yes	Yes	-
NR	NR	NR	-	-	-	-
10	1	0	Yes	-	Yes	-
NR	NR	NR	-	-	-	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Josephine				
County FD	Private - For Profit	Combination	No	1
Grants Pass FD	Municipal	Career	Yes	2
Illinois Valley Fire Dist	District	Combination	No	5
Rural Metro FD	Private - For Profit	Combination	Yes	3
Williams RFPD	NR	NR	NR	NR
Wolf Creek RFPD	District	Volunteer	No	3
Klamath				
Bly RFPD	District	Volunteer	No	3
Bonanza RFPD	NR	NR	NR	NR
Central Cascades Fire & EMS	District	Combination	No	0
Chemult RFPD	NR	NR	NR	NR
Chiloquin-Agency LK RFPD	District	Combination	No	18
Crescent RFPD	NR	NR	NR	NR
Keno RFPD	District	Volunteer	No	7
Klamath CO FD #3	NR	NR	NR	NR
Klamath CO FD #4	District	Volunteer	No	8
Klamath CO FD #5	NR	NR	NR	NR
Klamath CO Fire Dist #1	District	Career	Yes	2
Malin RFPD	District	Volunteer	No	1
Merrill RFPD	NR	NR	NR	NR
Oregon Outback RFPD	Private - Non Profit	Volunteer	No	4
Rocky Point Fire & EMS	District	Volunteer	No	7
Lake				
Christmas Valley RFPD	District	Volunteer	No	5
Lakeview FD	Municipal	Combination	Yes	7
New Pine Creek RFPD	NR	NR	NR	NR
Paisley Vol FD	NR	NR	NR	NR
Silver Lake RFPD	NR	NR	NR	NR
South Lane CO F&R	District	Combination	Yes	2
Thomas Creek Westside RFPD	NR	NR	NR	NR

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
16	0	0	-	-	-	-
34	61	0	-	-	Yes	-
16	20	7	-	-	Yes	-
57	25	14	-	-	Yes	-
NR	NR	NR	-	-	-	-
9	3	2	-	-	Yes	-
6	0	9	-	Yes	-	-
NR	NR	NR	-	-	-	-
4	1	1	-	-	Yes	-
NR	0	0	-	-	-	-
25	8	14	Yes	-	Yes	Yes
NR	NR	NR	-	-	-	-
15	2	0	Yes	-	Yes	-
NR	NR	NR	-	-	-	-
17	5	0	Yes	-	-	-
NR	NR	NR	-	-	-	-
52	76	0	Yes	-	-	-
13	2	2	-	-	-	-
NR	NR	NR	-	-	-	-
9	0	0	-	-	Yes	-
21	0	0	Yes	-	Yes	-
10	0	0	-	-	-	-
114	7	0	-	Yes	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
48	46	6	Yes	Yes	Yes	-
NR	NR	NR	-	-	-	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Lane				
Coburg RFPD	District	Combination	No	3
Dexter RFPD	District	Combination	No	7
Eugene Springfield Fire	Municipal	Career	Yes	14
Junction City RFPD	District	Combination	No	4
Lake Creek RFPD	NR	NR	NR	NR
Lane Fire Authority	District	Combination	Yes	NR
Lorane RFPD	NR	NR	NR	NR
Lowell RFPD	District	Combination	No	9
Mapleton FD	NR	NR	NR	NR
McKenzie F&R	District	Combination	No	7
Mohawk Valley RFD	District	Combination	No	6
Oakridge FD	Municipal	Combination	Yes	NR
Pleasant Hill Goshen F&R	District	Combination	No	18
Siuslaw Valley F&R	District	Combination	Yes	4
Swisshome-Deadwood RFPD	NR	NR	NR	NR
Upper Mckenzie RFPD	District	Combination	No	6
Lincoln				
Central Oregon Coast F&R	District	Combination	Yes	5
Depoe Bay RFPD	District	Combination	Yes	0
Newport FD	NR	NR	NR	NR
North Lincoln F&R Dist #1	NR	NR	NR	NR
Siletz RFPD	NR	NR	NR	NR
Toledo FD	Municipal	Combination	Yes	6
Yachats RFPD	District	Combination	No	3
Linn				
Albany FD	Municipal	Career	Yes	6
Brownsville RFD	District	Combination	No	1
Halsey-Shedd RFPD	District	Combination	NR	3
Harrisburg F&R	District	Combination	No	4
Lebanon FD	District	Combination	Yes	NR
Lyons RFPD	District	Combination	No	1
Mill City RFPD	District	Combination	No	1
Scio RFPD	District	Combination	No	7
Sweet Home Fire & Amb Dist	NR	NR	NR	NR
Tangent RFPD	District	Volunteer	No	0

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
25	26	2	-	Yes	Yes	-
10	9	2	-	-	Yes	-
244	349	0	Yes	-	Yes	-
31	8	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	0	0	Yes	Yes	Yes	-
NR	NR	NR	-	-	-	-
25	9	3	-	-	Yes	-
NR	NR	NR	-	-	-	-
28	13	2	-	-	Yes	-
21	6	2	-	Yes	Yes	-
NR	0	0	Yes	-	-	Yes
26	5	1	-	Yes	Yes	-
35	12	0	-	-	Yes	Yes
NR	NR	NR	-	-	-	-
10	2	2	-	-	Yes	-
12	6	3	-	-	Yes	Yes
12	16	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
18	4	12	-	-	Yes	Yes
10	12	0	-	Yes	-	-
66	89	0	Yes	-	Yes	-
21	1	0	-	-	Yes	-
29	2	2	-	Yes	Yes	-
17	6	0	-	-	Yes	-
NR	78	0	Yes	Yes	Yes	-
19	33	11	Yes	-	Yes	-
17	4	1	-	-	Yes	-
25	1	0	-	-	-	Yes
NR	NR	NR	-	-	-	-
23	4	0	-	Yes	Yes	Yes

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Malheur				
Adrian RFPD	District	Volunteer	No	0
Nyssa FD	Municipal	Volunteer	No	2
Ontario F&R	Municipal	Combination	Yes	1
Ontario RFPD #7-302	District	NR	No	0
Payette RFPD-Oregon	Subscr - Non Profit	Volunteer	No	1
Vale FD	Municipal	Combination	No	2
Weiser RFPD Annex-Oregon	District	Combination	No	1
Marion				
Aumsville RFPD	District	Combination	No	3
Aurora RFPD	District	Combination	No	6
Drakes Crossing RFPD	District	Volunteer	No	0
Gates RFPD	District	Volunteer	No	2
Hubbard RFPD	District	Combination	No	6
Idanha-Detroit RFPD	District	Volunteer	No	3
Jefferson RFPD	District	Combination	No	9
Keizer Fire Dist	District	Combination	Yes	8
Marion CO Fire Dist #1	District	Combination	Yes	5
Monitor RFPD #58	NR	NR	NR	NR
Mt Angel Fire Dist	District	Combination	No	8
Salem FD	NR	NR	NR	NR
Silverton RFPD	District	Combination	Yes	10
St Paul Fire Dist	District	Combination	No	1
Stayton Fire Dist	District	Combination	No	10
Sublimity Fire Dist	District	Combination	No	8
Turner Fire Dist	District	Combination	No	8
Woodburn Fire Dist	District	Combination	Yes	4
Morrow				
Boardman FRD	NR	NR	NR	NR
Heppner FD	Other	Volunteer	No	2
Ione FD	District	Volunteer	No	0
Irrigon RFPD	NR	NR	NR	NR
Lexington FD	NR	NR	NR	NR

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
14	0	0	Yes	-	Yes	-
13	2	0	-	-	-	-
34	18	0	-	-	Yes	Yes
0	0	0	-	-	-	-
16	0	0	-	-	-	Yes
14	4	5	Yes	-	-	Yes
30	3	0	-	-	-	Yes
22	17	21	-	-	Yes	-
20	8	0	-	-	Yes	Yes
19	0	6	-	-	Yes	-
7	0	0	-	-	Yes	-
33	4	0	-	-	Yes	-
16	0	13	-	-	Yes	-
20	14	4	Yes	-	Yes	Yes
47	36	10	Yes	Yes	Yes	-
85	40	14	Yes	-	Yes	-
NR	NR	NR	-	-	-	-
32	4	5	-	-	Yes	-
NR	NR	NR	-	-	-	-
56	12	5	-	Yes	Yes	Yes
30	15	0	Yes	-	Yes	-
40	7	17	-	-	Yes	-
25	3	6	-	-	Yes	Yes
24	11	15	Yes	Yes	Yes	Yes
26	28	0	-	-	Yes	Yes
NR	NR	NR	-	-	-	-
18	0	0	-	-	-	Yes
13	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Multnomah				
Corbett Fire Dist #14	District	Volunteer	No	5
Gresham Fire & Emerg Svcs	Municipal	Career	Yes	7
Port Of Portland Airport F&R	NR	NR	NR	NR
Portland F&R	Municipal	Career	Yes	34
Sauvie Island Vol FD	District	Volunteer	No	9
Polk				
Dallas FD	Municipal	Combination	Yes	7
Falls City FD	Municipal	Volunteer	NR	10
Grand Ronde Tribal	Tribal	Combination	No	5
Polk CO Fire Dist #1	District	Combination	Yes	9
Spring Valley RFPD	NR	NR	NR	NR
SW Polk CO RFPD	District	Combination	No	3
Sherman				
Moro FD	NR	NR	NR	NR
Moro RFPD	Municipal	Volunteer	No	0
North Sherman CO RFPD	NR	NR	NR	NR
South Sherman RFPD	NR	NR	NR	NR
Tillamook				
Bay City FD	Municipal	Volunteer	No	2
Garibaldi FD	Municipal	Combination	No	2
Nehalem Bay F&R	District	Combination	No	2
Nestucca RFPD	District	Combination	Yes	10
Netarts-Oceanside RFPD	District	Combination	No	6
Rockaway FD	Municipal	Combination	No	5
Tillamook Fire Dist	District	Combination	No	2
Umatilla				
East Umatilla F&R	NR	NR	NR	NR
Echo RFPD	District	Volunteer	No	2
Milton-Freewater FD	Municipal	Combination	No	2
Milton-Freewater RFD	Private - For Profit	Combination	No	3
Pendleton Fire & Amb	Municipal	Combination	Yes	1 ft
Pilot Rock RFPD	District	Volunteer	No	1
Ukiah FD	NR	NR	NR	NR
Umatilla CO Fire Dist #1	District	Combination	Yes	2
Umatilla RFPD	District	Combination	No	2
Umatilla Tribal FD	NR	NR	NR	NR

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
26	2	0	-	Yes	Yes	-
93	110	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
548	730	0	-	-	Yes	-
19	0	6	-	Yes	Yes	Yes
31	35	0	-	-	Yes	-
16	0	3	-	Yes	-	-
5	7	0	-	-	Yes	-
63	18	12	Yes	Yes	Yes	-
NR	NR	NR	-	-	-	-
15	8	0	-	Yes	Yes	-
NR	0	0	-	-	-	Yes
7	0	0	-	-	-	Yes
NR	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
12	1	0	-	-	Yes	-
10	2	1	-	-	-	Yes
25	7	4	-	-	Yes	Yes
30	24	0	-	-	Yes	-
16	5	2	-	Yes	Yes	-
13	1	0	-	-	Yes	-
38	4	4	-	-	Yes	Yes
NR	NR	NR	-	-	-	-
20	0	0	-	-	-	-
17	2	0	-	-	-	Yes
24	25	2	Yes	-	Yes	Yes
20 ft 4 pt	40	0	Yes	-	Yes	Yes
10	0	0	-	-	Yes	Yes
NR	NR	NR	-	-	-	-
67	34	32	Yes	-	Yes	Yes
10	6	0	-	-	-	Yes
NR	NR	NR	-	-	-	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Union				
Cove RFPD	NR	NR	NR	NR
Elgin RFPD	District	Volunteer	No	3
Imbler RFPD	NR	NR	NR	NR
La Grande FD	Municipal	Combination	Yes	1
La Grande RFPD	District	Combination	No	4
Powder RFPD	District	Volunteer	No	3
Union RFPD	NR	NR	NR	NR
Union Emerg Svcs	Municipal	Volunteer	No	0
Wallowa				
Enterprise FD	NR	NR	NR	NR
Joseph FD	Municipal	Volunteer	No	1
Lostine FD	NR	NR	NR	NR
Wallowa FD	NR	NR	NR	NR
Wasco				
Dufur Vol FD	NR	NR	NR	NR
Juniper Flat RFPD	NR	NR	NR	NR
Maupin FD	Municipal	Volunteer	No	2
Mid-Columbia F&R	District	Combination	Yes	1
Mosier Fire Dist	District	Combination	No	5
Shaniko Vol FD	Municipal	Volunteer	No	2
Tygh Valley Vol FD	District	Volunteer	No	0
Wamic RFPD	NR	NR	NR	NR
Washington				
Banks Fire Dist #13	NR	NR	NR	NR
Cornelius FD	Municipal	Combination	Yes	1
Forest Grove F&R	NR	NR	NR	NR
Gaston RFPD	District	Combination	Yes	1
Hillsboro F&R	Municipal	Career	Yes	4
Tualatin Valley F&R	District	Combination	Yes	25
Wheeler				
Fossil Vol FD	Municipal	Volunteer	No	2
Mitchell Vol FD	NR	NR	NR	NR
Spray Vol FD	Municipal	Volunteer	No	1
Wheeler CO F&R	NR	NR	NR	NR

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
NR	NR	NR	-	-	-	-
7	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
20	23	0	Yes	-	-	-
20	2	0	-	-	Yes	-
19	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
9	1	0	Yes	-	Yes	Yes
NR	NR	NR	-	-	-	-
17	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
NR	0	0	-	-	-	-
NR	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
10	1	0	-	-	-	-
30	51	8	Yes	Yes	Yes	Yes
16	1	0	-	-	Yes	-
8	0	0	-	-	Yes	-
14	0	6	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
5	13	5	-	-	Yes	Yes
NR	NR	NR	-	-	-	-
11	3	2	-	-	Yes	Yes
92	168	0	-	-	Yes	-
399	580	29	Yes	Yes	Yes	-
6	0	0	-	-	-	-
NR	NR	NR	-	-	-	-
9	0	0	-	-	-	-
NR	NR	NR	-	-	-	-

APPENDIX 3 - Fire Agency Demographics

County/Agency	Agency Type	Employment Type	Union Affiliation	Female Firefighters
Yamhill				
Amity Fire Dist	District	Volunteer	No	5
Dayton Fire District	NR	NR	NR	NR
Dundee FD	Municipal	Combination	Yes	3
Lafayette FD	NR	NR	NR	NR
McMinnville FD	NR	NR	NR	NR
New Carlton Fire District	NR	NR	NR	NR
Sheridan FD	District	Combination	Yes	3
West Valley Fire Dist	District	Combination	Yes	4
Yamhill FPD	District	Combination	No	17

The information in Appendix 3 was compiled from Fire Service Profiles submitted to the Office of State Fire Marshal by Oregon fire agencies, as reported by the respective fire agency. Not all agencies provided information and will be omitted. Some agencies only provided limited information, missing information will be listed as Not Reported (NR).

Male Firefighters	Paid Staff	Volunteer Staff	Ambulance Service	Volunteer Retirement	Emergency Medical Services	Volunteer Pay
43	0	0	-	-	Yes	-
NR	NR	NR	-	-	-	-
20	3	0	-	-	Yes	Yes
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
NR	NR	NR	-	-	-	-
26	28	6	Yes	Yes	Yes	-
11	24	1	Yes	-	Yes	-
35	2	2	-	-	Yes	-

APPENDIX 4

Fire Agencies Not Reporting

APPENDIX 4

Below is a list of Oregon fire agencies that did not report fires, or report they had no fires for the period.

2020 Fire Agencies Not Reporting	2020 Fire Agencies Not Reporting
Adrian RFPD	Langlois RFPD #4-107
Alsea RFPD	Mapleton FD
Azalea Vols	Mitchell Vol FD
Blodgett-Summit RFPD	Monroe RFPD
Bonanza RFPD	Mt Vernon FD
Bridge RFPD	Ophir RFPD
Butte Falls Vol FD	Parkdale RFPD
Canyonville South Umpqua FD	Port of Portland Airport F&R
Cedar Valley-N Bank RFPD	Seneca Vol FD
Charleston RFPD	Silver Lake RFPD
Days Creek RFD	Spring Valley RFPD
Fair Oaks RFPD	Tiller RFD
Granite City FD	Ukiah FD
Greensprings F&R	West Side RFPD
Hoskins-Kings Vly RFPD	Wheeler Co F&R
Keating RFPD	Winchester Bay RFPD
Klamath Co FD #4	Wy'East Fire Dist
Lake Creek RFPD	

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This publication contains information about the activities and resources of Oregon's structural fire protection agencies in 2020. While this information is published primarily as a service to fire protection agencies, the hope is that any agency or individual seeking information on Oregon's fire service, will find it useful.





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