



OREGON OFFICE OF STATE FIRE MARSHAL

2022 ANNUAL REPORT

PREPARED // APRIL 2023





MISSION

To protect people, property, and the environment from fire and hazardous materials.

VISION

Premier Public Safety Services

VALUES

INTEGRITY

We believe in being honest, fair, and doing the right thing in everything we do.

DEDICATION

We are committed to performing our work the best we can in support of our mission, our customers, our stakeholders, the public, and each other.

LEADERSHIP

We are committed to be a leader in the Oregon fire service, to lead our organization, and lead ourselves as individuals in our day to day work.

PARTNERSHIPS

We believe our success and the success of others depends on collaboration with our stakeholders.

SERVICE TO OTHERS

We believe that serving others is a cornerstone of our mission, our day to day work, and is all inclusive.

STATUTORY AUTHORITY

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





TABLE OF CONTENTS

| | |
|--|-----------|
| YEAR IN REVIEW | 4 |
| AGENCY TRANSITION | 5 |
| OSFM GRANTS | 6 |
| 2022 WILDFIRES | 10 |
| 2022 MOBILIZATIONS | 10 |
| WILDFIRE RESPONSE STATISTICS | 11 |
| OREGON FIRE STATISTICS | 12 |
| OREGON HAZMAT STATISTICS | 13 |
| FIRE & LIFE SAFETY EDUCATION | 14 |
| FIRE PREVENTION EDUCATION | 14 |
| ANALYTICS & INTELLIGENCE | 15 |
| COMMUNITY RISK REDUCTION | 16 |
| EMERGENCY RESPONSE SERVICES | 17 |
| INCIDENT MANAGMENT TEAMS | 17 |
| TRAINING | 18 |
| OREGON SAFETY ASSESSMENT PROGAM | 19 |
| REGIONAL HAZARDOUS MATERIALS EMERGENCY RESPONSE TEAMS | 20 |
| HAZMAT BY RAIL | 21 |
| LOCAL EMERGENCY PLANNING COMMITTEE | 21 |
| REGULATORY SERVICES | 22 |
| COMMUNITY RIGHT TO KNOW | 22 |
| FIREWORKS | 22 |
| CARDLOCK | 23 |
| LIQUEFIED PETROLEUM GAS | 23 |
| FIRE & LIFE SAFETY SERVICES | 25 |
| DEFENSIBLE SPACE PROGAM | 25 |
| DEPUTY STATE FIRE MARSHALS | 26 |
| TECHNICAL SERVICES UNIT | 27 |

2022 ANNUAL REPORT

YEAR IN REVIEW

Looking back on 2022, the themes for the Oregon Office of State Fire Marshal (OSFM) was building a new beginning and continually improving on the many successes the office saw in 2021. The OSFM worked to strengthen partnerships, collaborate with stakeholders, and make life for Oregonians safer.

The OSFM remained focused on its key wildfire initiatives, Fire Adapted Oregon and Response Ready Oregon, in 2022. Staff continued to build the community risk reduction program to help Oregon communities reduce their wildfire risk. The OSFM built a robust grant program focused on community risk, response to wildfire, and increasing staffing at the local level. In 2022 the OSFM launched a new engine program to give the Oregon fire service more tools to keep fires small and away from communities.

The OSFM was tasked with creating a defensible space code to prepare Oregonians for wildfire. Significant work went into developing the code, including a robust input process. The code adoption process was paused in August because the wildfire risk map was withdrawn; however, work continued to develop draft code language and the overall defensible space program.

In 2022, Oregon adopted an updated version of the Oregon Fire Code. The Oregon Fire Code is the Oregon fire service's manual to protect the public from fire hazards, explosions, or dangerous conditions in buildings and other facilities. The 2022 Oregon Fire Code went through a rigorous process with many stakeholder and public inputs. As part of the new code, Oregon is the first state in the country with a code to make operating a mobile food unit (food cart) safer. Requirements include food cart spacing, portable generator placement and operation, use of hoods for solid fuel cooking, cooking oil storage and venting, fuel storage, and use of fire extinguishers and carbon monoxide alarms.

Throughout 2022, the OSFM continued to work towards July 1, 2023, when the office will become the Department of the Oregon State Fire Marshal, an independent state agency. To meet this deadline, the OSFM hired key staff, creating a Business Services Division, information technology, and others. As part of the transition, the OSFM will move into a new home. Throughout 2022, staff worked diligently to narrow a new location expected to be announced in 2023.

The OSFM's work in 2022 was not exclusive to wildfire and agency transition. This report details the great work each program and unit within the OSFM accomplished. The OSFM remains steadfast in its mission to make the lives of Oregonians, and those who visit, safer and better protected from fire and hazardous materials.

2022 ANNUAL REPORT

AGENCY TRANSITION

A great deal of work was accomplished over the last year as the OSFM continues to transition to an independent state agency, the Department of the State Fire Marshal. To help navigate the path forward, the OSFM hired a change manager, and an employee board was formed to help guide the transition.

The OSFM established a Business Services Division dedicated to employee services, information technology, payroll, DEI, risk management, fleet, and facilities. Staff was hired to fill critical roles within the division. A Fiscal Division was also established, and key positions were filled to help with grant rollout, finance, and procurement. With most of these key positions filled in 2022, the OSFM has built a firm transition footing.

To help with the growing staff and meet their needs, the OSFM established an overflow workspace at 4040 Industrial Way in Salem. Concurrently, the office searched for a new headquarters, which was nearly complete by the end of the year.

While significant work was completed, there is more to come in 2023. The OSFM is set to become the Oregon Department of the State Fire Marshal on July 1, 2023.



July 1, 2023

OSFM BECOMES AN INDEPENDENT STATE AGENCY

2022 ANNUAL REPORT

GRANT PROGRAM

OSFM ENGINE PROGRAM

The OSFM launched a \$25 million Engine Program as part of the Response Ready Oregon Initiative to add capacity and resources to respond to wildfire. With funds from Senate Bill 762, the OSFM began purchasing new type III & VI engines and tenders to be strategically placed across the state. A committee of OSFM and fire service members completed the specifications for the new apparatus.

In 2023, a selection committee will review the applications and announce awards. The OSFM anticipates engines to begin arriving in late 2023 and early 2024.

DEFENSIBLE SPACE INCENTIVE (DSI) GRANT

To help prepare Oregonians for wildfire, the OSFM launched a Defensible Space Incentive (DSI) Grant in early 2022. The funding was allocated to schools and hospitals to create defensible space for added wildfire protection.

The DSI grant, a one-time \$1,000 grant available to any Oregon public or private school, university, or hospital, encouraged applicants to improve their vegetative landscaping and maintain defensible space. The OSFM allocated \$271,000 in DSI grants.



"We were really excited to get this project done. Although it's a small project, we were able to remove shrubs that were up against the building and replace them with hardscape rock and stone as well as some small softscaping items that were planted 5' or further from the building and will stay small in stature."

Grande Ronde Academy

2022 WILDFIRE SEASON STAFFING GRANT

In June 2022, the OSFM launched the \$6 million Wildfire Season Staffing Grant. Local fire agencies were able to apply for up to \$35,000 in one-time funding to hire extra staff and increase staff hours during the 2022 wildfire season.

The goal was to keep fires small and prevent them from impacting communities. This investment proved successful during the wildfire season for the 180 agencies who received a grant. Many agencies across the state shared stories of how these funds positively impacted their community and the Oregon Fire Mutual Aid System.



"Our county up-staffed three task forces for Friday and Saturday ahead of time. All three task forces were sent to this, and I know it had a positive impact! I just want to highlight the great work our fire districts did with the concept of up-staffing three task forces ahead of time. Something we could not have done without the up-staffing grants! Huge thanks to OSFM!"

- Jim Trierweiler
Marion County Fire Defense Board Chief

“

We would like to thank the Oregon Office of State Fire Marshal for providing our local fire departments with summer staffing grants.

These grants were just introduced this summer to provide a quicker response to wildland conflagrations and incidents like this one. Gearhart Fire Department, Seaside Fire Department, and Lewis and Clark Fire Department all had personnel on today's incident funded by this grant.

- Gearhart Fire Dept.



2022 ANNUAL REPORT

GRANT PROGRAM

OREGON FIRE SERVICE CAPACITY PROGRAM

The \$13.5-million Oregon Fire Service Capacity Program was a competitive grant opportunity for small- to medium-sized fire agencies that needed more funding for permanent positions for firefighters and fire prevention.

Oregon's local fire districts and departments could apply for funding to support up to two firefighters and two fire prevention personnel or a combination of both.

COMMUNITY WILDFIRE RISK REDUCTION PROGRAM

The Community Wildfire Risk Reduction Grant was a competitive \$18-million opportunity open to local governments, special districts, structural fire service agencies, and non-governmental organizations.

This was the largest grant fund the OSFM made available for community preparedness activities in the agency's history. Entities could apply for wildfire risk reduction projects, equipment, and program staff to support local efforts.

The projects funded by this grant will help protect people, property, and communities from wildfire through risk reduction programs. These efforts will better prepare communities for wildfire impacts and create a more fire-adapted Oregon. The grant closed in January 2023.

OSFM/DPSST TRAINING GRANT

In summer 2022, \$250,000 in grant funds were transferred to the Department of Public Safety Standards & Training (DPSST) to address local training needs of the fire service.

Funds were used for training opportunities and equipment, and personal protective equipment.





2022 ANNUAL REPORT

WILDFIRE RESPONSE

The 2022 wildfire season outlook was bleak across Oregon. A dry, late winter and early spring had many worried about a potentially severe fire season. Thankfully, a wetter-than-average spring delayed the start of any large wildfires until late July and early August.

The first conflagration of the year was the Miller Road Fire in Wasco County. The OSFM mobilized resources to five emergency conflagration declarations (Miller Road, Rum Creek, Double Creek, Sturgill, and Cedar Creek).

For the second summer, the OSFM saw success with pre-positioning resources and immediate response. Resources were pre-positioned six times and mobilized 12 times under immediate response.

In 2022, three task forces were mobilized to California through the Emergency Management Assistance Compact to support efforts on the McKinney Fire and other nearby fires.

The OSFM would not be able to accomplish much of this work without the employees staffing the OSFM Agency Operations Center (AOC). The AOC is activated when resources are mobilized and remains open 24 hours a day until all resources have returned home. In 2022, the OSFM staff worked a combined 152 shifts in the AOC.

2022 ANNUAL REPORT

CONFLAGRATIONS

AUGUST

MILLER ROAD FIRE (WASCO COUNTY)

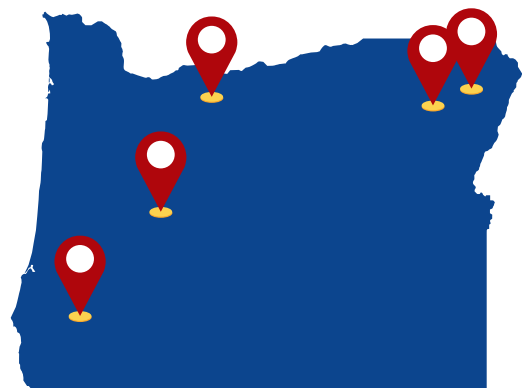
RUM CREEK FIRE (JOSEPHINE COUNTY)

SEPTEMBER

DOUBLE CREEK FIRE (WALLOWA COUNTY)

STURGILL FIRE (WALLOWA COUNTY)

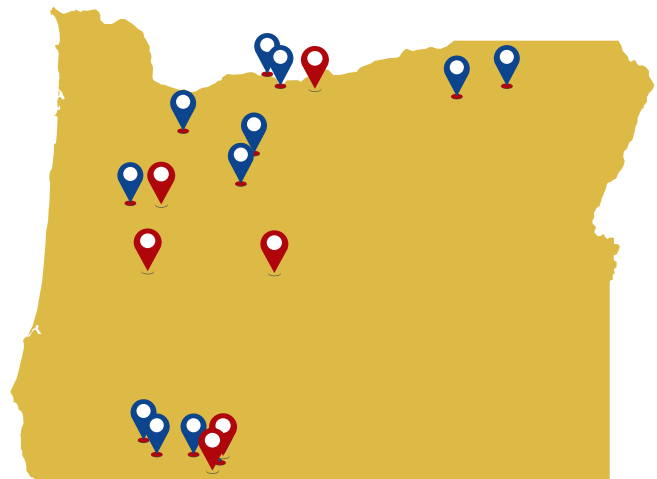
CEDAR CREEK FIRE (LANE COUNTY)



MOBILIZATION BY THE NUMBERS

- **42** Oregon Task Forces
- **4** Oregon Strike Teams
- **3** Oregon Strike Teams sent to California
- **103** Individual Fire Agencies Involved
- **3** Washington Task Forces
- **3** California Strike Teams

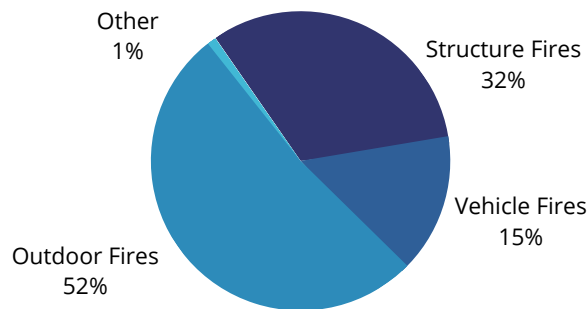
2022 ANNUAL REPORT

WILDFIRE RESPONSE STATS**IMMEDIATE RESPONSE** 📍**JULY****CROSS ROAD** (KLAMATH COUNTY)**COREY ROAD** (JACKSON COUNTY)**AUGUST****THE DALLES MARINA** (WASCO COUNTY)**MILLER ROAD** (WASCO COUNTY)**MP-87** (WASCO COUNTY)**PENDLETON FLOUR MILL** (UMATILLA COUNTY)**BIG CANYON** (JEFFERSON COUNTY)**EXIT 35** (JACKSON COUNTY)**SEPTEMBER****VANMETER FIRE** (KLAMATH COUNTY)**VITAE SPRINGS** (MARION COUNTY)**MCIVER FIRE** (CLACKAMAS COUNTY)**HWY 730** (UMATILLA COUNTY)**PRE-POSITION** 📍**JULY****KLAMATH COUNTY****AUGUST****DESCHUTES COUNTY****KLAMATH COUNTY****SEPTEMBER****WASCO COUNTY****MARION COUNTY****LANE COUNTY**

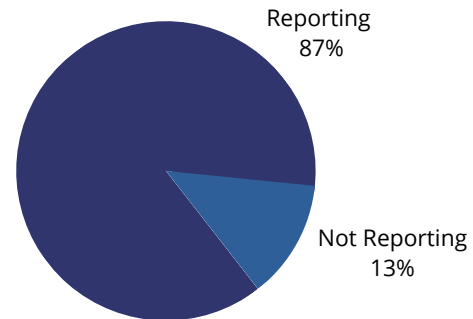
2022 ANNUAL REPORT

OREGON FIRE STATISTICS

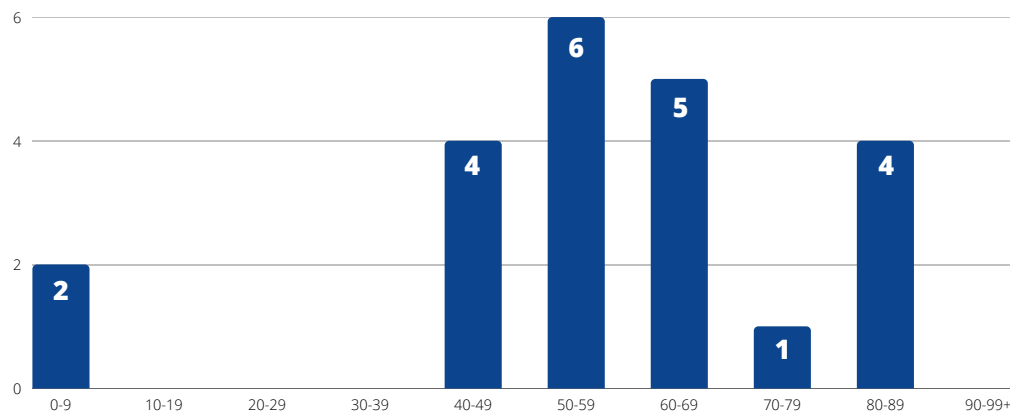
TYPES OF FIRES



FIRE AGENCIES REPORTING

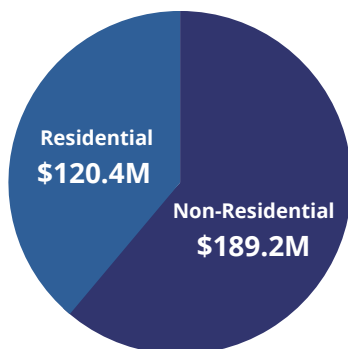


2022 TOTAL FIRE FATALITIES



There were 23 fire fatalities in Oregon in 2021.
One of the victim's ages could not be determined.

2022 ESTIMATED FIRE LOSS IN MILLIONS



Largest Non-Residential
Fire Loss

\$100M

Shears Foods
78035 Highway 207
Hermiston
on February 22, 2022

Largest Residential
Fire Loss

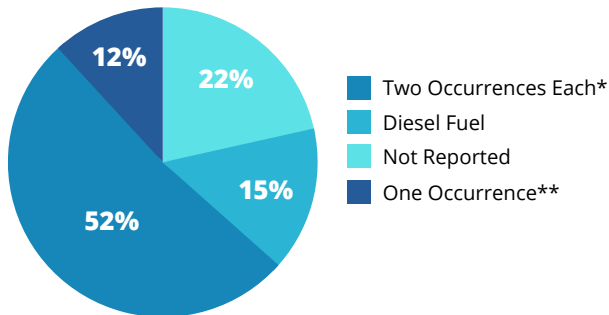
\$3M

Apartments
212 Blue Water Ln
Grants Pass
on June 27, 2022

2022 ANNUAL REPORT

OREGON HAZMAT STATISTICS

SUBSTANCES HANDLED BY STATE HAZMAT TEAMS

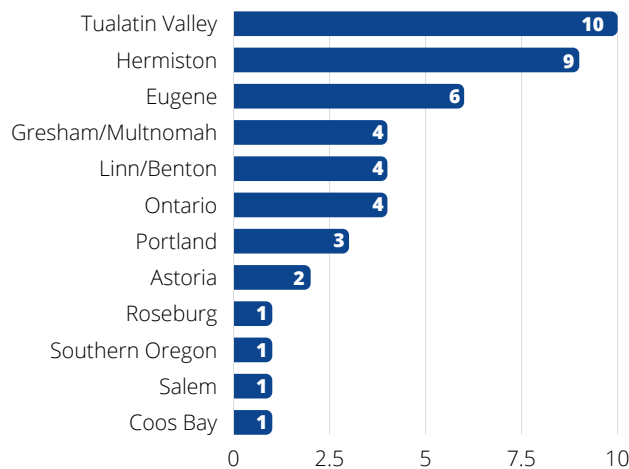


There were 24 substances involved two times each and 11 substances involved one time each.

*Acetic anhydride, Acetone, Acetonitrile, Acrylic acid, Ammonia solution, Ammonia, anhydrous, Ammonium hydroxide, Benzene, Chloroform, Diethyl ether, Ethyl acetate Formic acid, Gasoline, Heptane, Hexanon, Isopropanol, Methanol, Other, Paint thinner, Pentane, Petroleum ether, Phosphoric acid, Toluene, Triethylamine.

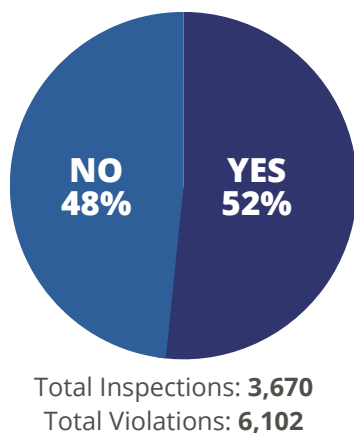
**Carbon dioxide, Carbon monoxide, Crude oil, Hydrofluoric acid, Hydrogen peroxide (35% solution), Mercury, Mineral oil Nitric acid(non-fuming, >40%), Nitrogen(compressed gas) Petroleum, Tetrachloroethylene 10

2022 STATE HAZMAT RESPONSES BY TEAM

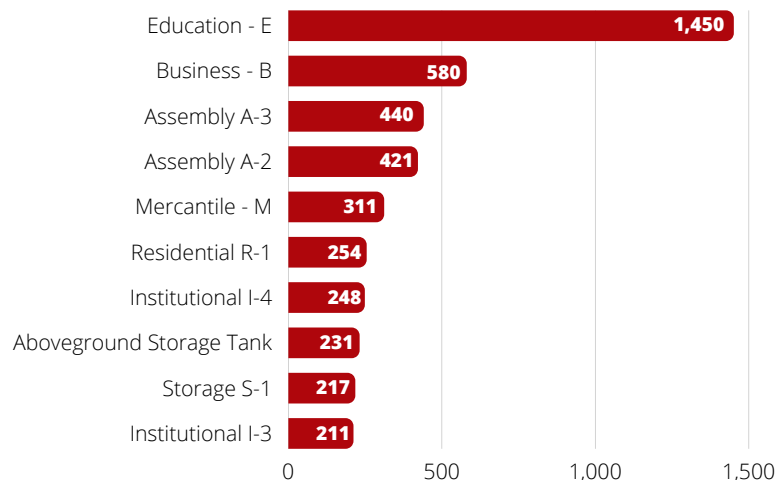


2022 FIRE & LIFE SAFETY INSPECTIONS

VIOLATIONS DURING INITIAL INSPECTIONS



TOP 10 OCCUPANCIES INSPECTED



FIRE & LIFE SAFETY EDUCATION DIVISION

FIRE PREVENTION EDUCATION

The OSFM's Fire Prevention Education Unit (FPEU) continued to build on the success it saw in 2021. Within the unit, events, trainings, and community outreach remained a high priority. The unit's goal is to provide education and training to lower the fire risk based on data reported by the Oregon fire service.

The OSFM continued strong partnerships with the Oregon Life Safety Team (OLST), with representation from fire agencies around the state. To better align messaging statewide about fire safety and fire prevention awareness, the OSFM worked with the OLST to develop a publication called FireSafe. The document is a month-by-month messaging guide aimed at providing consistent messaging and graphics for social media.

With distribution to more than 700 partners in fire prevention, this tool provided a statewide approach to increase messaging relevant to seasonal hazards and the top fire causes.

The OSFM's smoke alarm installation program also saw success. The education unit worked with nearly a dozen agencies and installed more than 440 smoke alarms.

FIRE PREVENTION EDUCATION OUTREACH STATS

- Supported 48 tabling events in 2022
- Attended 38 events
- Partnered with 44 fire agencies in 23 counties

FIRE PREVENTION EDUCATION OUTREACH STATS

- 22 webinars
- Smoke Alarm Installation Program
 - 10 classes, 20 participants, from 13 agencies
 - 11 agencies, 23 projects installing 443 alarms
- 23 real estate law classes, training 195 real-estate agents, 46 property managers, and 10 others
- 4 NFPA 1035 trainings: 2 virtually, 2 in person
 - 39 participants representing 23 agencies



FIRE & LIFE SAFETY EDUCATION DIVISION

ANALYTICS & INTELLIGENCE

The OSFM Analytics and Intelligence Unit's mission is to collect and provide our office and the Oregon fire service with sound data. This unit analyzes reported data to find trends to guide educational outreach, develop program goals and focuses, and identify areas of need.

To boost reporting and give Oregon fire agencies the tools and technology to improve data reporting, the OSFM Analytics and Intelligence Unit provided **57** Oregon fire agencies with **262** iPads. The effort was part of a larger grant program in partnership with the Oregon Health Authority and the Oregon Department of Transportation to improve patient data reporting in rural areas.

Local fire service staff and engine operators were shown how to use the devices. The ImageTrend Elite application was downloaded onto each iPad for easy data entry in the field. In addition to initial on-scene patient reporting, agencies will be able to integrate the iPads into fire incident response, training, and communication processes.

The unit also completed 28 NFIRS & Elite training sessions that provided more than **46** hours to **179** attendees. These trainings are important to offer the Oregon fire service to support their incident reporting.

The unit continues to identify ways to use technology to further data collection and adapt to the needs of the agency and the Oregon fire service.



2022 ANNUAL REPORT

COMMUNITY RISK REDUCTION

The Community Risk Reduction Unit is tasked with providing the Oregon fire service and partners with technical, funding, and planning assistance to reduce their fire risk. Supporting the Fire Adapted Oregon Initiative, the unit builds and maintains relationships with partner agencies, stakeholders, and communities to prepare for and adapt to wildfire, while also reducing the risk of loss of lives and property.

The OSFM has seven regional fire risk reduction specialists (FRRSs) who work with local partners to create and promote fire-adapted communities in Oregon. These FRRSs are the regional contact for fire chiefs and local partners for community risk reduction needs.

In 2022, the fire risk reduction specialists engaged in more than 595 community events, fire defense board meetings, partner connections, and local planning efforts. The team also hosted 10 NFPA Assessment of Structure Ignition Potential (ASIP) courses across the state, including \$6,355 in scholarships to promote fire service attendance.

Leading up to and during May's Wildfire Awareness Month, the team hosted a webinar series to better educate Oregonians about wildfire. The topics included everything from how homes really ignite during a wildfire to what type of fire-resistant plants are available. In 2022, the CRR unit will build off the successes and educational opportunities provided in 2021.

A large project completed by the unit was to assess Community Wildfire Protection Plans (CWPP) across Oregon and identify actionable items that the OSFM may be able to fund. This is exciting work not only for the communities involved, but the entire state as it will put Oregon in a better place when it comes to being prepared for wildfire. Work is set to continue into 2023.



2022 ANNUAL REPORT

IMT PROGRAM

The OSFM coordinates three all-hazards incident management teams (IMTs) of more than 100 team members representing 52 local fire service agencies, tribal, state, county, and local governments across Oregon. IMTs train year-round to be prepared to assist in any emergency or disaster.

In 2022, IMTs responded to five conflagrations across Oregon to serve in communities impacted by wildfire: Miller Road Fire, Rum Creek Fire, Double Creek Fire, Sturgill Fire, and Cedar Creek Fire.

In February, members voluntarily gathered to coordinate a memorial service for Firefighter Austin Smith, a hero killed in the line of duty in St. Paul, Oregon on February 3, 2022.

Team members answered the call for a two-week assignment to assist Floridians impacted by severe flooding, power and water loss, and destruction from Hurricane Ian.

In June, the Metro Advanced Wildland School (MAWS) was held in Molalla. More than 125 firefighters from 40 Oregon agencies participated. MAWS is a unique opportunity for everyone involved to work together in a low-stress environment to hone skills necessary for wildfire response. 26 IMT members planned and staffed this event.

In December, eight IMT members attended a weeklong Complex Incident Management Course in San Diego. This nationally recognized course focuses on training staff for the highest level of incident management. Participation allows teams to be prepared for all-hazard emergency response.



EMERGENCY RESPONSE SERVICES DIVISION

OSFM TRAINING



BY THE NUMBERS
630 FIREFIGHTERS TRAINED
FROM 80 AGENCIES



During the 2022 wildland fire training season, staff supported the training of more than 630 firefighters representing more than 80 Oregon fire service agencies.

Although the training events varied in location, they had the same goal in mind: training firefighters to be better prepared to respond to emerging fires, and to keep them small and away from communities.

The trainings provided opportunities for firefighters to work on task books, ranging from advanced wildland firefighter to division/group supervisor. The trainings provided realistic environments for students to practice skills learned in the classroom. The OSFM provided a variety of support, including but not limited to overhead support, facilitation, conflagration and state engagement training, and communications.

The OSFM provided the Department of Public Safety Standards and Training (DPSST) with money to support local training and firefighter behavioral health initiatives. Some of those funds were distributed in 2022 with most funding to be distributed in 2023.

EMERGENCY RESPONSE SERVICES DIVISION

OrSAP

On August 9, 2019, Governor Brown signed House Bill 2206 directing the state fire marshal to develop and administer a statewide program to evaluate building conditions after an emergency and determine whether the buildings may be safely occupied.

The measure directs the OSFM to implement a statewide registry of local program coordinators, certified building evaluators, and approved trainers to conduct these safety assessments.

The bill allows local governments to enter agreements with private contractors to conduct building occupancy safety inspections following an emergency.

- The OSFM adopted by rule the federal standards and procedures for determining whether buildings may be safely occupied after an emergency as required by statute.
- OrSAP held multiple stakeholder meetings for the September 2, 2022 adoption of the OARs.
- Developed credentialing and qualification criteria to be registered as a post-disaster safety evaluator.
- OrSAP created a volunteer registry with 227 trained volunteers in Oregon.



OREGON
SAFETY ASSESSMENT PROGRAM

EMERGENCY RESPONSE SERVICES DIVISION

HAZMAT



BY THE NUMBERS

- 38 outreach events
- 750 first responders trained
- 550 people reached

The OSFM administers Oregon's 13 Regional Hazardous Materials Emergency Response Teams (RHMERT).

HYBRID TECHNICIAN ACADEMY COURSE

To modernize courses and use funds wisely, our HM09 Tualatin Valley Hazmat Team created and introduced a new hybrid model to offer the 160-hour technician academy course, created because of the need for technician training since 2020 when classes couldn't be conducted.

UPDATED HAZMAT EQUIPMENT

Using federal HMEP grant funds, RHMERT purchased 80 training suits for 10 teams to increase training ability. These suits are essential for team readiness in training scenario simulations, which include donning and doffing, practical application, and integration with other personal protective equipment. The program purchased training props for five hazmat teams throughout Oregon.

OUTREACH

When not training or responding, our regional hazmat teams connect with local responders, community officials, and the public through outreach activities. While these numbers are only those reported to the OSFM, several of our hazmat teams conducted extra training, assist additional fire departments, and attend full-scale hazmat exercises and Local Emergency Planning Committees (LEPC) meetings in their regions.

HAZMAT SUMMIT AND CHIEF MEETING

The OSFM met with RHMERT teams and their fire chiefs to discuss the program and ways to continually improve service. The OSFM is committed to continue a successful hazmat program, ensuring Oregon remains protected from hazardous materials incidents in the most efficient way possible.

EMERGENCY RESPONSE SERVICES DIVISION **HAZMAT BY RAIL**

Throughout 2022, the OSFM worked directly with partner agencies and industry representatives from Class 1 railroad companies. The partnership was displayed throughout the year in training opportunities.

In June, Klamath County Emergency Management, the Oregon Department of Environmental Quality, the Oregon Department of Transportation, the OSFM, Union Pacific Railroad, and clean-up contractors participated in an oil spill functional exercise. This event was an opportunity to test emergency plans and response tactics.

In addition to specialist training offered to members of the Regional Hazardous Materials Emergency Response Teams (RHMER), the OSFM began to offer the hazmat incident commander course across Oregon. This course is critical for the local fire department to respond to and take command of a rail incident. There were 10 regional offerings in 2022, spanning the state from Applegate to Pendleton.



EMERGENCY RESPONSE SERVICES DIVISION **LEPC**

Local Emergency Planning Committees (LEPC) continued coordinating projects focused on enhanced response to hazardous materials releases. Using the federal Hazardous Materials Emergency Preparedness (HMEP) Grant, these committees generated updated emergency response plans for Multnomah and Jackson counties.

Three exercises were conducted, including a tabletop exercise to test the response to an anhydrous ammonia release in Umatilla County, a functional exercise for response to a chlorine leak in a rail incident in Clackamas County, and a full-scale exercise in Linn County for another rail incident involving anhydrous ammonia. The Marion County LEPC also conducted two hazardous waste operations and emergency response trainings with **14** participants.

Leveraging HMEP funds, the OSFM sponsored and coordinated four specialized training series statewide about risk-based response to battery emergencies. More than **100** emergency responders attended these trainings.

REGULATORY SERVICES DIVISION

COMMUNITY RIGHT TO KNOW

The Oregon Community Right to Know and Protection Act (ORS 453.307-414) requires Oregon employers to report hazardous substances to the OSFM, including where they are stored and the associated hazards.

The OSFM's Community Right to Know (CR2K) program tracks and maintains these records. Information is provided to emergency planners, first responders, health professionals, and the public so measures can be taken to protect Oregonians, their property, and the environment from the risks associated with these substances.

In 2022, the team worked with the reporting software vendor to create and implement program enhancements to aid in fee administration. For the first full year since the pandemic, the team returned to normal field operations.

- Visited **472** facilities in 2022 resulting in **199** facilities beginning to report to CR2K.
- Verified **99** closed facilities not required to report.
- Conducted **32** audits.
- **729** substances were reported for the first time by a facility and **115** new substances were added to the substance database.

REGULATORY SERVICES DIVISION

FIREWORKS

One of the state fire marshal's authorities is to oversee the permitting process for several aspects of fireworks. The OSFM issues:

- Permits to sell retail and wholesale fireworks.
- Permits for use of general, limited, special effects, and pest control or agriculture-related issues.
- Certifications for operators to conduct a display.

In conjunction with issuing permits, the OSFM created a robust messaging campaign about using legal fireworks safely and the threat of wildfire if fireworks are not used properly.

BY THE NUMBERS

- **179** general display permits
- **55** limited display permits
- **50** special effects permits
- **603** retail permits



REGULATORY SERVICES DIVISION **CARDLOCK**

After resuming field operations in October 2021, the OSFM cardlock staff continued in-person facility inspections and operator audits in 2022.

Staff conducted **315 inspections** and **60 audits**. The team also processed seven operator acquisitions and/or closures and inspected and licensed three new cardlock facilities.

The team responded to a record **44** self-service gasoline complaints.



REGULATORY SERVICES DIVISION **LIQUEFIED PETROLEUM GAS**

A heavy lift for the OSFM's Liquefied Petroleum (LPG) Program was moving the different licensing exams into the new Workday Learn platform. The OSFM worked in partnership with LPG industry associations and stakeholders to make this happen.

The LPG Program continued to support the industry by issuing the various required licenses to companies and individuals.

Like other Regulatory Service Division programs, the LPG Program completed its first full year of conducting inspections following the COVID-19 pandemic.

TANK INSPECTIONS

- Conducted **406** LPG tank inspections
- **78%** were in compliance





FIRE AND LIFE SAFETY DIVISION

DEFENSIBLE SPACE PROGRAM

A big focus for the OSFM in 2022 was creating a statewide defensible space code. Under Senate Bill 762, the office was directed to adopt defensible space standards by December 2022. The OSFM hired a defensible space program coordinator to lead these efforts.

As part of the development process, the OSFM brought together stakeholders, partners, and Oregonians. This group was tasked with creating recommendations for the final code development.

To allow for as much feedback as possible, the OSFM held 17 town hall meetings across Oregon, and three virtual meetings. The office used these meetings to hear public input and to answer questions about defensible space and the code development process. Roughly 2,100 people attended these meetings to provide feedback.

A final draft of the code language was completed in December 2022 in accordance with Senate Bill 762. Code adoption and implementation was paused because of the withdrawal of Oregon's wildfire risk map, which would have determined where the standards would apply.

Staff created educational and outreach materials to guide Oregonians on simple actions they can take to create defensible space to better protect their homes and properties against wildfire.

The OSFM also worked with stakeholders and the Governor's Fire Service Policy Council to develop a defensible space assessment tool. This tool offers guidance for homeowners to better protect against wildfire. Work on the assessment tool was set to be completed in 2023.

**TOWN HALL LOCATIONS**

FIRE AND LIFE SAFETY DIVISION

DEPUTY STATE FIRE MARSHALS

With the passing of Senate Bill 762, the OSFM increased capacity from 13 districts to 22 deputy state fire marshal districts statewide. Under the direction of the assistant chief deputy and three supervising deputy state fire marshals, the deputy state fire marshals (DSFM) worked to reduce the frequency and severity of fires and other life safety incidents through a multi-disciplinary approach including education, inspection, enforcement, and investigation.

The DFSMs performed plan reviews for access and water supply where construction and development plans were evaluated for fire and life safety code compliance. Deputies provided fire code inspections to identify and abate fire hazards in commercial buildings and institutional occupancies such as schools, multi-family housing of three or more units, and high-hazard operations.

Deputies help save lives and property by determining fire origin and cause and identifying whether the cause is a result of carelessness or design. Fire investigations aim to identify the fire's origin and cause and leverage lessons learned to build program messaging and outreach to further prevent similar types of fires before they start.

BY THE NUMBERS

- **2,630** plan reviews & inspections
- **265** fire investigations



FIRE AND LIFE SAFETY DIVISION

TECHNICAL SERVICES UNIT

Technical service coverage for Oregon is comprised of one supervising deputy state fire marshal, three deputy state fire marshals, and three healthcare compliance surveyors.

HEALTHCARE PROGRAM

The Centers for Medicare & Medicaid Services has a condition of participation for healthcare facilities to receive federal monies. To comply, the OSFM's three life safety code compliance surveyors complete unannounced federal recertification surveys to federal standards at hospitals, ambulatory surgery centers, hospice, end-stage renal facilities, and skilled nursing facilities/long-term care facilities statewide. The CMS surveyors provided guidance to healthcare facilities by reviewing emergency preparedness plans and erecting temporary barriers, creating isolation rooms or areas, which reduced or eliminated illness spread from the healthcare facilities. The surveyors provided life safety code plan review through Oregon Health Authority and Oregon Department Human Services for new and remodeled healthcare facilities statewide. Surveyors also presented fire and life safety education to healthcare administrators, maintenance directors, and staff.

BY THE NUMBERS**HEALTHCARE****133** LLSC Plan Reviews**29** Temporary Barrier (COVID) Waivers**163** CMS Surveys**3** LSC Presentations**CODES & STATE PROPERTIES****258** Inspections**51** Plans Reviews**850** Code Desk Questions**CODES & STATE PROPERTIES PROGRAM**

In 2022, the OSFM finalized a three-year Oregon Fire Code adoption cycle with the adoption of the 2022 Oregon Fire Code in October. With the help of 42 stakeholders from industry, partner agencies, fire service, and the public, the nine subcommittees attended more than 77 two-hour sessions to research and review partner agency-referenced code, historical code notes, laws, and statutes.

The codes and technical service desk continues to grow with more than 850 questions and requests in 2022. The top topics included defensible space, occupancy change of use, and smoke alarm installations.

MOBILE FOOD UNIT CODE

Oregon became the first state in the country with a code in place to make operating a mobile food unit safer. Requirements include food cart spacing, portable generator placement and operation, use of hoods for solid fuel cooking, storage and venting of cooking oil, fuel storage, and use of fire extinguishers and carbon monoxide alarms. These requirements will be phased in over a 24-month period.



This report was prepared by:

OFFICE OF STATE FIRE MARSHAL

www.oregon.gov/osp/sfm