

GATED WYE



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OSFM partnering with Oregon Food Bank, American Red Cross, and Bi-Mart during Fire Prevention Month

During Fire Prevention Month (FPM) this October, the OSFM and partners will work together to educate Oregonians.

In Oregon over the last five years, most residential fire deaths in homes without working smoke alarms occurred between the hours of 11:00 p.m. and 8:00 a.m., when most people are asleep. This emphasizes the importance of this year's FPM theme *Hear the Beep Where You Sleep: Every Bedroom Needs a Working Smoke Alarm*.

The OSFM is partnering with the Oregon Food Bank to distribute 10,000 smoke alarm fliers in food boxes throughout Oregon's 36 counties. The flier provides smoke alarm tips and outlines landlord responsibility for providing smoke alarms.

The American Red Cross has partnered with the OSFM to ensure that anyone in Oregon without working smoke alarms has a resource to call. The flier directs residents to contact the American Red Cross if they do not have working smoke alarms.

The OSFM has also partnered with Bi-Mart for Fire Prevention Month. In October, Bi-Mart will distribute 6,000 smoke alarm fliers to customers of their 60 Oregon stores. Additionally, Bi-Mart in-store ad center screens and social media will share OSFM smoke alarm messaging. These partnerships will help get the word out that every bedroom needs a working smoke alarm!

The free resources shown below are still available to order from the OSFM for your fire prevention and safety education efforts



Smoke alarm flier (8.5 x 11)



Temporary tattoo (2 x 2)



Youth puzzle (5 x 7)

From the desk of the state fire marshal



Fire Prevention Month in Oregon

Governor Kate Brown has proclaimed October as Fire Prevention Month in Oregon. This is a perfect transition from September, National Preparedness Month.

During October, we not only attempt to raise awareness about how to prevent home fires but also what citizens should do to prepare themselves to survive a home fire.

While most fire agencies designate and focus their fire prevention education efforts during the second week of October, I encourage Oregon fire agencies to spend the entire month intensively delivering the home fire safety and preparedness message.

This year's theme - *Hear the Beep Where You Sleep: Every Bedroom Needs a Working Smoke Alarm* – is an effort to educate our citizens on the importance of having smoke alarms in every bedroom.

Data submitted to our office by Oregon fire agencies shows that 59% of residential fatalities in homes without working smoke alarms occur between 11 p.m. and 8 a.m., when most people are in bed asleep.

Be sure to read our front page article on our prevention education promotion activities and all of the great materials we have developed and made available free to any Oregon fire agency or organization to use in their fire prevention and safety education efforts.

There is also a great Data Connection article on page five with important data on residential smoke alarms, failure causes, and more.

I know budgets are tight and staff time is at a premium, and that's why our agency does as much as it can to help your education efforts at minimal cost. I hope you take advantage of all our office has to offer.

I appreciate your focused education efforts during this month and throughout the year on keeping Oregonians fire safe.



**State Fire Marshal
Jim Walker**

**Office of
State Fire Marshal**

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Salem Oregon
97305-1760**

**www.oregon.gov/OSP/SFM
503-934-8200**

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503-934-8205

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503-934-8214

Analytics & Intelligence
503-934-8273

Emergency Response
503-934-8238

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License & Permits
503-934-8264

Youth Prevention
& Intervention
503-934-8240



The Gated Wye is published monthly by the Oregon Office of State Fire Marshal. For submissions or suggestions contact Rich Hoover at 503-934-8217 or email richard.hoover@state.or.us. In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

“... 59% of residential fatalities in homes without working smoke alarms occur between 11 p.m. and 8 a.m.”

- Jim Walker

OSU, U of O, and OSFM enter promotional partnership

The OSFM is excited to announce a first-ever promotional partnership with Oregon State University and the University of Oregon sports programs to build OSFM brand awareness throughout the state and promote fire prevention and smoke alarms.

The two-year agreement with each university includes prevention and safety messaging through different media and sports seasons. The OSFM will be able to use each school's logos and mascot in campaign messages. The goal is to establish a connection between the OSFM and the Beaver and Duck fan bases across the state.

The OSU agreement includes radio announcements broadcast on the statewide Beaver radio network during each football game and a live in-game mention during each broadcast. There will also be co-branded messaging on the OSU Beavers website. It includes a social media contest with a Fan Game-Day Experience prize.



Although the U of O contract is being finalized, it will include radio announcements and live in-game mentions on the statewide Duck Radio Network during each basketball game. It also includes OSFM placement on the goducks.com website and a social media engagement campaign.

Like the OSFM on Facebook and follow us on Twitter to keep track of our fire prevention education progress with our university partners. We also encourage you to share our social media messages.

If you have any questions or would like to offer suggestions, contact Stephanie Stafford at 503-934-8219, email stephanie.stafford@state.or.us; or Rich Hoover at 503-934-8217, email richard.hoover@state.or.us.

Central Oregon Juvenile Firesetter Intervention Specialist I training

The Central Oregon Fire Prevention & Intervention Network and the Oregon Office of State Fire Marshal Youth Fire Prevention and Intervention Unit is sponsoring a free two-day Juvenile Firesetter Intervention Specialist I training, October 16-17, 2015 at the Oregon State Police, Bend Area Command, 911 Center Upstairs Conference Room at 20355 Poe Sholes Drive, Bend, Oregon. Training is from 8:00 a.m. to 5:00 p.m. each day. Note: This training takes place on Friday and Saturday.

Training and materials are provided free. Registration is required for all attendees. All travel, meals, or other expenses are the sole responsibility of the attendee.

The 16-hour course provides an overview of Oregon's juvenile firesetter intervention program. Topics include: Oregon policies, procedures, and laws; child development and communication; practice using the Oregon Juvenile with Fire Screening Tool; and intervention options including educational strategies, referral procedures, networking steps, and data collection.

The class will help to prepare fire agency personnel to complete the task book as required by the Department of Public Safety Standards and Training for the National Fire Protection Association 1035 certification as a Juvenile Firesetter Intervention Specialist I in Oregon.

Class size is limited and will be filled on a first come, first serve basis. The [online registration form and flier](#) are located on the [OSFM website](#).

Free webinar on home fire sprinklers

The National Fire Protection Association's Fire Sprinkler Initiative is hosting a free webinar *Don't Go It Alone: How NFPA Can Support Your Sprinkler Advocacy Efforts* on October 20th, from 8–8:30 a.m. (PDT). [Register for the webinar online.](#)

play safe! be safe!® free workshop in Bend

In partnership with Fireproof Children, Bend Fire Department, Central Oregon Network, Oregon Fire Marshals Association, and Safe Kids Oregon, the OSFM Youth Fire Prevention & Intervention Unit is sponsoring a *play safe! be safe!* workshop October 15th in Bend, Oregon.

October 15, 2015 workshop: 8:30 a.m.–noon at the Oregon State Police Bend Area Command Office, 20355 Poe Sholes Drive, Bend, Oregon. [Register online.](#)

Participants receive:

- Three hours of training.
- A *play safe! be safe!*® multimedia classroom kit available in English / Spanish, including DVD, activity boards, *Keep Away!* card game, resource book.
- Strategies to involve parents in home fire safety and how to work with local fire service to promote fire education and prevention.

More information on *play safe! be safe!*® is available on our [online flier](#).

For questions, contact Krista Fischer at 503-934-8240 or email krista.fischer@state.or.us.

Annual report on Oregon youth with fire available

The Oregon Office of State Fire Marshal has released its *2014 Youth with Fire Annual Report*, prepared by the OSFM Analytics & Intelligence Unit. The data is based on information reported by Oregon fire agencies to the OSFM.

Fifty-five (55) of Oregon's 320 fire agencies reported incidents involving youth in 2014. Eighteen fire agencies reported youth with fire interventions.

The first part of the report reflects actual incidents reported with youth or possible youth involvement. Youth are defined as persons under age 18. Information relating to youth-involved fire incidents is based on the National Fire Incident Reporting System's (NFIRS) incident data submitted by local fire agencies in Oregon.

The second part of the report reflects youth interventions (as a result of an incident, referral, or walk-in). It is important to note not every fire involving a youth results in an intervention. However, interventions may also occur without a response from a local fire agency.

[The report is available on the OSFM website.](#)



**Oregon State Police
Fallen Trooper Memorial
5th Annual Auction**
Saturday, October 17, 2015
5:00 p.m. - 8:00 p.m.
Milwaukie Elks Lodge
13121 SE McLoughlin Blvd, Portland OR 97222
\$20 per person • \$200 per VIP table of 8
Silent and Live Auctions
Food and Dessert
No Host Bar Available
All proceeds go directly to funding and maintaining the Oregon State Police Fallen Trooper Memorial
For more information, tickets, or VIP tables, please visit www.ospfallmemorial.org or contact ospfallmemorial@gmail.com
Facebook: [FallenTrooperMemorial](#) Twitter: [OSPMemorial](#)



**Oregon State Police Fallen Trooper Memorial
State Police Quilt Raffle**
\$10 per ticket / 6 tickets for \$50
Size: 88" x 88" • Includes 49 state police patches • Over 1,000 hours of time spent on quilt
To purchase tickets, please visit www.ospfallmemorial.org or contact ospfallmemorial@gmail.com
All proceeds go directly to funding and maintaining the Oregon State Police Fallen Trooper Memorial
Facebook: [FallenTrooperMemorial](#) Twitter: [OSPMemorial](#)

DATA Connection

News from the Analytics & Intelligence Unit
by Program Coordinator Dave Gullede

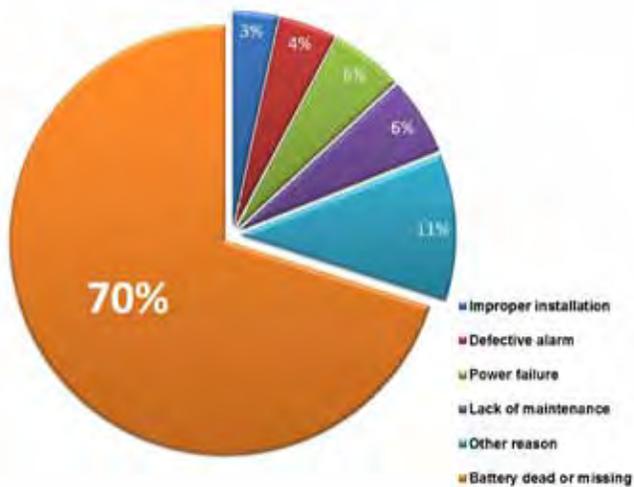
Smoke alarms in Oregon

There have been 13,968 residential fires in Oregon over the last five years, 69% of which occurred in homes that were reported as not having working smoke alarms present. These fires were responsible for 54 fatalities, 243 injuries, and \$132 million in loss. These casualties and losses may have been prevented if the homes had working smoke alarms.

When smoke alarms fail to operate, it is typically because batteries are missing, disconnected, or dead. People are most likely to remove or disconnect batteries because of nuisance activations. Nuisance activations may be due to an alarm installed in an inappropriate location such as too close to a cooking appliance or steamy shower, or it may be the chirping sound warning of a low battery.

As depicted in the graph below, over the past five years in Oregon, 70% of alarm failures were due to missing, disconnected, or dead batteries where the fire was large enough to activate the alarm and the failure cause was determined.

Alarm Failure by Cause

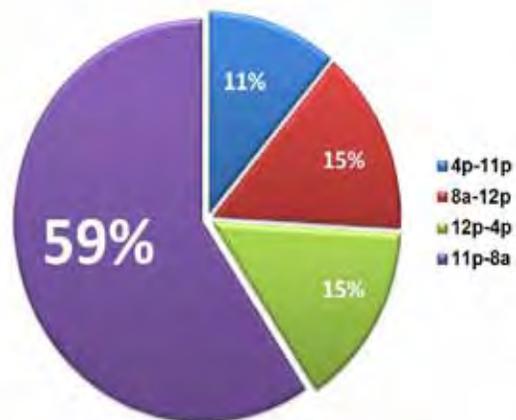


¹All Oregon statistics in this article are based on incident data as reported by local fire agencies to the Office of State Fire Marshal as of 9/23/2015. Dollar amounts are estimates made by on-scene firefighters.

All ionization-only smoke alarms sold in Oregon are required to have a hush feature that allows silencing without removing the battery. If that ionization-only alarm is also solely battery powered, it is required to have a long-life battery designed to last ten years. Hard-wired ionization, photoelectric, or combination smoke alarms are not required to have a ten-year battery.

In Oregon, over the last five years most fire-related residential deaths that occurred in homes without working smoke alarms occurred between 11:00 p.m. and 8:00 a.m., when most people are asleep, as shown in the graph below.

Residential Fatalities by Time of Day



Current research and studies indicate that in the event of a house fire, occupants have as little as three minutes to escape. This is why this year's Fire Prevention Month theme is focusing on having working smoke alarms in every bedroom.

Information provided in this article demonstrating the importance of smoke alarms is only possible through complete incident reports submitted by Oregon's local fire agencies. Everyone in the fire service knows smoke alarms save lives. It's the data submitted to us that will prove this fact to everyone else. Capturing smoke alarm data in incident reports is a critical element that works toward saving lives.

More information about smoke alarms and home fire safety is available on the [Office of State Fire Marshal website](#).

Questions? Please contact the Analytics & Intelligence unit at 503-934-8250, toll free at 877-588-8787, or email osfm.data@state.or.us.

OSFM new employees

Chad Hawkins

Emergency Readiness Coordinator
Emergency Response Unit

Chad was born in Redwood City, California and grew up east of Sacramento in Murphys. His immediate family still reside in California. Chad's father recently retired after 35 years with the Sheriff's office as Captain of the Bomb Squad and Hazmat team. Needless to say, Chad has public safety in his blood. He brings more than 12 years of full-time fire and emergency response experience to the Office of State Fire Marshal. His wife of six years is a native Oregonian and has deep family roots throughout the state.



Chad began his full-time fire career at 18. He has worked for state and local government agencies, holding the ranks of firefighter, engineer, lieutenant, captain, assistant chief, and leaving his last assignment as Chief of the Dunnigan Fire Department. He has certifications in firefighting, hazardous materials, mass casualty, and incident command operations. Chad has been involved in many types of incidents throughout his career, including fires, floods, earthquakes, and other disasters.

Lebanon Fire District awarded FEMA grants

The Federal Emergency Management Agency has awarded Lebanon Fire District two grants totaling \$1,282,751 to improve response to emergency incidents.

The first award is from FEMA's Assistance to Firefighters Grant for the purchase of a new ambulance. This \$159,091 grant requires 10% matching funds by the district for a total amount of \$175,000. The district intends to replace a 1998 ambulance with the grant funds. The new ambulance should be in service by June 2016.

The second award is from FEMA's Staffing for Adequate Fire and Emergency Response grant for volunteer firefighter recruitment and retention. This grant will provide \$1,123,660 over four years to assist Lebanon FD with the recruitment and retention of volunteer firefighters that are involved with, or trained in, the operations of firefighting and emergency response. The goal of this grant is to create a net increase in the number of trained, certified, and competent firefighters capable of safely responding to emergencies likely to occur within the fire department's geographic response area. The grant will pay for items such as personal protective equipment, uniforms, training, recruitment activities, and stipends for volunteer firefighters.

Billboard focuses on Fire Prevention Month theme

Part of the OSFM's Fire Prevention Month education efforts include the use of an electronic billboard located along I-5 near Portland Road (exit 258) in Salem.

The billboard message is expected to reach upwards of 400,000 people traveling through this area over the course of the month. Be sure to check it out if you are traveling through the area and let us know if you saw the billboard by posting a comment on our [Facebook page](#).





Methanol (Methyl Alcohol) CH_3OH

Description:

- Synonyms: Wood alcohol; methyl hydroxide
- Colorless liquid with an alcohol-like odor
- CAS No.: 67-56-1
- EPA Section 302 EHS: Not listed
- EPA Section 112R : Not listed
- EPA Section 304 EHS: Not listed

NFPA 704 Information:

- Health: 1-2
- Flammability: 3
- Reactivity: 0
- Special: None

Uses and Occurrences:

- Uses include solvent for paints and plastics, remove water from auto and aviation fuels, and is an ingredient in many products

Reactivity and Fire Risk:

- Stable under recommended storage conditions
- Highly flammable
- Flash point: 49.5 - 53.6° F
- LEL: 6%; UEL: 36.5%
- Autoignition temperature: 725 - 867° F
- Vapor density (air = 1): 1.11
- Specific gravity (water = 1): 0.79
- Boiling point: 148° F
- Soluble in water
- Can react explosively with isocyanates under basic conditions
- Mixtures with concentrated sulfuric acid and concentrated hydrogen peroxide can cause explosions
- Incompatibles include oxidizing agents, reducing agents, acids, acid anhydrides, halogens, lead and lead alloys
- May react with cellulose based absorbents

Health Hazards:

- IDLH: 6000 ppm
- May be absorbed through skin
- May damage the optic nerve causing blindness
- May be fatal if swallowed
- Symptoms may be delayed up to 48 hours

Fire Fighting Measures:

- Extinguishing media: Appropriate foam, dry chemical, carbon dioxide, water fog

- Vapors may travel to a source of ignition and flash back
- Burns with an almost invisible flame
- No part of a container should be subjected to temperatures greater than 125.6°
- Use water spray to cool containers

2012 Emergency Response Guidebook:

- Shipping name: Methanol or Methyl alcohol
- Hazard Classes: Flammable Liquids (3)
- UN/NA: 1230; Guide # 131 Flammable Liquids - Toxic
- Spill: Initially isolate 150 feet in all directions
- Fire: Tank, rail car, tank truck isolate 1/2 mile

2014 Oregon Fire Code: Table 5003.1.1(1)

- Flammable liquid Class IB
- Maximum Allowable Quantities (MAQ) per control area:
 - Unprotected by sprinklers or approved storage cabinets: 120 gallons
 - In sprinklered building, not within approved storage cabinets: 240 gallons
 - In unsprinklered building, within approved storage cabinets: 240 gallons
 - In sprinklered building, within approved storage cabinets: 480 gallons
- Group when MAQ exceeded: H-2 or H-3
- Note d and e

Incident Reporting and Information:

- Facilities reporting methanol or methyl alcohol on the Hazardous Substance Information Survey: 73
- Hazardous materials incidents reported in Oregon since 1986: 14

References include:

- [Cameo chemicals – Methanol](#)
- [CDC Niosh Pocket Guide – Methyl alcohol](#)
- [Sigma-Aldrich – SDS Methanol](#)
- [Praxair Canada, Inc - SDS Methanol](#)
- [Science Lab.Com - MSDS Methyl alcohol](#)
- [EPA List of Lists, March 2015](#)

For questions or suggestions, contact Aleta Carte at 503-934-8262 or aleta.carte@state.or.us.

Oregon honors its fallen firefighters

Approximately 150 people turned out for what was looking to be a very wet Oregon Fallen Firefighter Memorial Ceremony on September 17th. However, the rain lifted and the sun broke through the clouds to give center stage to the memory of the 168 souls who paid the ultimate sacrifice.

Governor Kate Brown was the guest speaker, followed by the fallen firefighter roll call, which thankfully had no new names on its roster this year.

The annual ceremony is held each September at the Oregon Public Safety Academy in Salem.



After the ceremony, family members and fire service members look for the names of their loved ones and comrades on the Memorial Staff.

OSFM Smoke Alarm Installation Program training

The Oregon Office of State Fire Marshal is offering free one-hour trainings on our Smoke Alarm Installation Program, which is required for agencies who wish to participate in the program. The program provides smoke alarms, educational materials, and funding assistance to Oregon fire agencies who want to conduct a smoke alarm installation project in their jurisdiction.

- Oct. 28, 11:00 a.m. Webinar hosted by OSFM via computer & phone. Registration for this class ends: 10/22/2015 [Register](#)
- Nov. 18, 2:00 p.m. Webinar hosted by OSFM via computer & phone. Registration for this class ends: 11/12/2015 [Register](#)
- Dec. 17, 10:00 a.m. Webinar hosted by OSFM via computer & phone. Registration for this class ends: 12/11/2015 [Register](#)

For questions, call 503-934-8228 or email osfm.ce@state.or.us.

In memoriam

Tracy Fox
1962 - 2015

Born in 1962, Fox graduated from Roseburg's Sutherlin High School in 1981. By 1983 he had graduated from the Chemeketa Community College Fire Science program. He was hired by the Roseburg Fire Department in 1984 and served the department for the next 28 years. He was promoted to lieutenant in 1988, then battalion chief in 2003. He retired in October 2012.



During his years with the Roseburg Fire Department, Fox also served on OSFM Hazmat Response Team 1 for Douglas County. He took his original hazmat training in 1991 and joined the team that same year.

Fox not only served as a hazmat technician and team administrator for Team #1, he also served in many roles for the OSFM hazmat program.

In 2006, he took part in the revision of the hazmat operations packet to streamline the process in preparation for electronic incident reporting into the OSFM Fire & EMS Bridge.® From 2009-2010, Fox was a member of the Hazmat Outreach Committee that developed the OSFM hazmat brochure and DVD. He, along with other committee members, received the Group Award at the 2010 Hazmat Conference in Redmond. Fox also served as a member of the Hazmat Conference Committee from 2007-2012.

Fox made many friends in the hazmat program and with OSFM employees. He will always be remembered as someone with a warm smile and a contagious laugh. He will be missed.



The OSFM sends its condolences to all of those affected by the October 1st shooting tragedy at Umpqua Community College