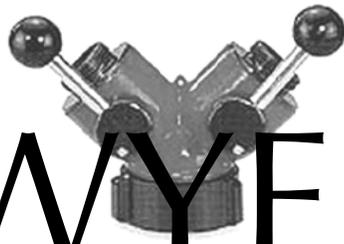


# GATED WYE



December 2015 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem, Oregon 97305-1760 · No. 384

## 2015 Fire Prevention Month survey results

For Fire Prevention Month (FPM) 2015, the OSFM provided a variety of materials to be distributed by Oregon fire agencies and other community partners. This year, 97 organizations requested materials to use in sharing fire safety education and the national message “Hear the Beep Where You Sleep. Every Bedroom Needs a Working Smoke Alarm!”

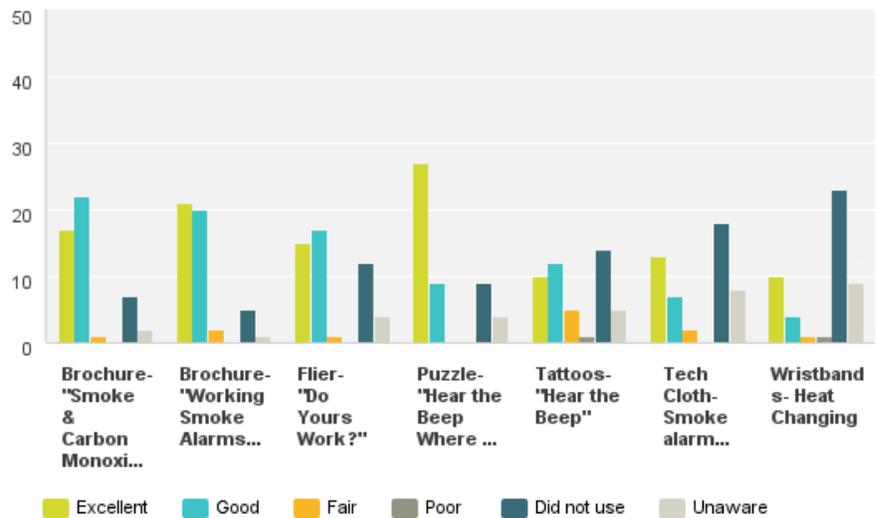
At the conclusion of Fire Prevention Month, the OSFM distributed an online survey in an effort to continue to improve on future education efforts.

There were 71 responses to the survey, providing good feedback and direction for next year’s campaign planning efforts.

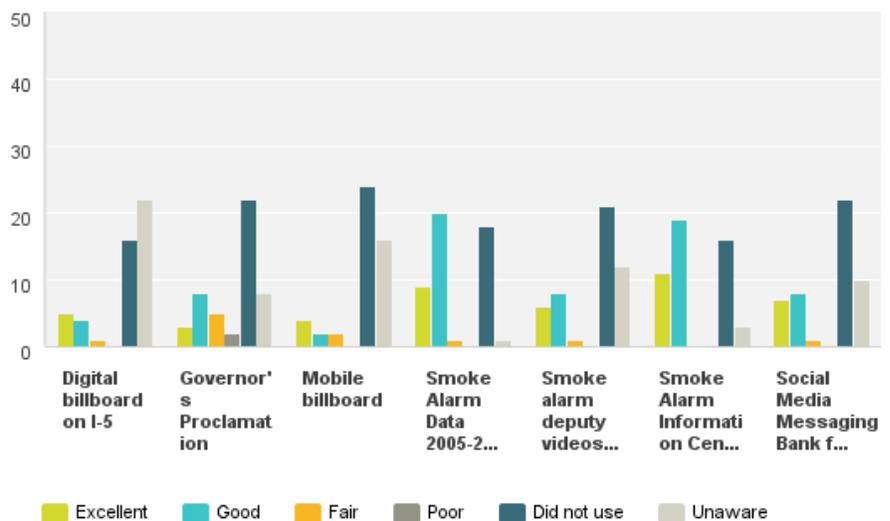
The overall opinion of OSFM’s materials and resources were rated “Good” or “Excellent” by a majority (92% or 47 of 51) of respondents who used them; however, 32% (22 of 69) of respondents indicated they did not use them. This suggests that marketing to fire agencies remains important.

Collaboration in developing materials remains a priority moving forward. The OSFM

Rate the following printed materials based on their content and effectiveness in delivering fire safety educational messaging.



Rate the following resources based on their content and effectiveness in delivering fire safety educational messaging.



see *survey* page 4

# From the desk of the state fire marshal



**All year we have been fortunate to have tremendous support from the governor's office and our partners.**

- Jim Walker

## A brief look back

This is the time of the year when I like to stop and reflect on all the things over the past year that I am thankful for.

First and foremost, I am thankful for our dedicated OSFM staff, who strive to provide premier public safety services. Some program highlights over the past year include:

Our Community Right to Know program made great progress in decreasing the dissemination time of hazardous materials data to 30 to 60 days, created a new report system for local emergency planning committees to provide them a breakdown of Extremely Hazardous Substance Facilities by county, and increased their outreach and education to facilities through audits and inspections.

Our Non-Retail Fueling (cardlock) program increased engagement with cardlock operators to give them a more active role and participation in the direction of the program.

Staff in our Liquefied Petroleum Gas program have developed growing relationships with the Oregon Boiler & Pressure Vessels program and the Pacific Propane Gas Association on inspections and training respectively.

License & Permit unit staff worked with stakeholders on a successful legislative concept to expand the list of properties where agricultural fireworks can be used, such as golf courses and estuaries.

Our Fire and Life Safety Education branch began a successful partnership with the American Red Cross NW Oregon chapter on their smoke alarm installation efforts which has seen them install hundreds of smoke alarms in homes all across Oregon. We have also entered into promotion agreements with Oregon State University and the University of Oregon athletic departments to promote smoke alarms and fire prevention.

We also partnered with local Youth Fire Prevention and Intervention Networks to host three NFPA 1035 Juvenile Firesetter Intervention Specialist

see **Walker** page 3



**State Fire Marshal  
Jim Walker**

**Office of  
State Fire Marshal**

**Oregon State Police  
4760 Portland Rd. NE  
Salem Oregon  
97305-1760**

**[www.oregon.gov/OSP/SFM](http://www.oregon.gov/OSP/SFM)  
503-934-8200**

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Community  
Right-to-Know  
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Fire & Life Safety Services  
503-934-8256

License & Permits  
503-934-8214

Youth Prevention  
& Intervention  
503-934-8240



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trainings across the state.

I also want to recognize the hard work and dedication of our many fire service committees and boards and the commitment that those of you in the fire service continue to display toward the safety of Oregonians. All year we have also been fortunate to have tremendous support from the governor's office and other partners.

The holidays are a season of gift giving and I think I've already received my share knowing what we have accomplished and how we are headed into a great 2016.

## Smoke Alarm Selfie winner



**Congratulations to Allen Greve of Woodburn (far right) as the winner of the OSFM Smoke Alarm Selfie contest held during October. Allen received four Oregon State football game tickets and was treated to a fan game-day experience by Beaver staff and OSU mascot Benny Beaver. As part of his prize, Allen also received new smoke alarms for his home.**

**Second place was won by Larry Baker of Corvallis. He received new smoke alarms for his home.**

## Fire prevention workshop registration now open

Online registration is now open for the 2016 Oregon Fire Prevention Workshop. The workshop is February 17–19, 2016, at Kah-Nee-Ta Resort in Warm Springs, Oregon.

The workshop will provide structural and wildland fire prevention and safety education sessions and networking opportunities. There are 17 sessions to choose from, including topics such as hoarding, fire and fall prevention, campus fire safety, and transients and wildland fire risk.

### Cost

- Early Bird Registration - \$125 (which includes Wednesday dinner, Thursday breakfast, lunch, and dinner, Friday breakfast)
- Full Registration - \$150 (which includes Wednesday dinner, Thursday breakfast, lunch, and dinner, Friday breakfast)
- One-Day Registration (Thursday only) - \$75 (which includes Thursday breakfast, lunch, and dinner)
- Half-Day Registration (Wednesday or Friday) - \$50 (which includes Wednesday dinner or Friday breakfast)

### Important Dates

January 15, 2016 – Early Bird Registration Ends

February 1, 2016 – Registration Closes

### Online Registration

Visit our [online registration site](#). Please note that though you register online, payments must be processed by phone. To pay for your registration, please call OSFM Program Assistant Bethany Emmert at 503-934-8366. Visa and Mastercard payments only. An invoice will be provided for your records, and you will receive a confirmation email.

### Lodging

Please contact the resort directly to make your reservations and ask for the workshop rate of \$79 (\$15 resort fee waived). Call 1-800-554-4786 or [visit their Web page](#). For online bookings, use the discount code 25N9HZ.

## survey

continued from page 1

would like to thank Tualatin Valley Fire & Rescue Public Education Chief Joanne Hatch for leading a child focus group to test the “Hear the Beep Where You Sleep/Get Out Stay Out” Puzzle, which received the most positive feedback of all materials distributed.

The OSFM’s materials shipping system was streamlined this year in anticipation of the October campaign. Furthermore, 96% (48 of 50) of survey respondents rated both ordering and packaging as “Excellent.”

Respondents rated both OSFM materials and resources, and results suggested that a continued variety of materials, marketing, and collaborative planning remain an important part of the annual FPM campaign.

The OSFM recognizes and appreciates survey results that indicate that fire service personnel were unaware of some of the media tools available; increased marketing regarding social media, video, and other digital resources will continue to be an OSFM focus.

Finally, the range of suggestions, comments, and feedback provided to the OSFM, such as describing the types of events at which materials are distributed (Trunk or Treat, safety fairs, farmers markets), resources needed, and suggestions for future campaigns, were appreciatively received and will figure in next year’s campaign planning.

The OSFM thanks the 2015 FPM Committee members from the Oregon fire service, American Red Cross, and Consumer Product Safety Commission, and welcomes those who volunteered to participate in the planning for next year.

If you would like to provide feedback or help with next year’s campaign, email [osfm.ce@state.or.us](mailto:osfm.ce@state.or.us) or call 503-934-8228.

Full survey results [can be viewed on the OSFM FPM web page](#).

## IPSLEI Leadership Development Program available February 2016

The Oregon Department of Public Safety Standards and Training, the Oregon Association Chiefs of Police, and the Oregon State Sheriffs’ Association will be hosting the ninth Oregon cohort of the International Public Safety Leadership and Ethics Institute (IPSLEI) Leadership Development Program at the Oregon Public Safety Academy in 2016.

The program is designed to develop leadership in the supervisors and managers who will become the future leaders of public safety entities in Oregon.

The IPSLEI Leadership Development Program consists of 160 hours of classroom activities. The class will meet Wednesday and Thursday every other week starting February 3, 2016. The cohort will graduate June 9, 2016.

The program consists of four modules:

- Developing a Personal Philosophy of Leadership
- Leading Others Ethically
- Organizational Leadership
- Ethics and the Challenge of Leadership

Students have the option of either college credit or DPSST training hours for program completion.

Costs to the student and/or employing agency are limited to student materials (approximately \$350) and transportation to and from the academy. Daily lunch is provided, and lodging at the academy will be provided at no cost to students who travel more than 75 miles for the training.

Applications must be received by DPSST no later than 5:00 p.m., Thursday, December 31, 2015. Applicants will be notified of acceptance by January 15, 2016.

Those interested must submit an Applicant Letter of Interest, Agency Nomination Letter, and a [Regional Training Registration Form](#).

For questions, contact Steve Winegar at 503-378-8469 or [steve.winegar@state.or.us](mailto:steve.winegar@state.or.us).

## DATA Connection

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

### A look back

It will be six years ago on January 1, 2016, since the Office of State Fire Marshal launched the Oregon Fire & EMS Bridge™. One of the goals of moving to this new system was



to improve the collection and quality of incident reports by not only serving as the state's repository of fire, hazmat, and youth intervention reports, but by also providing local fire agencies with free and easy access to electronic incident reporting. This move was accompanied by the adoption of the National Fire Incident Reporting System (NFIRS) version 5.0 as the standard for incident reporting.

Looking back, the move has proved to be successful. In the years before switching to Oregon Fire & EMS Bridge™, an annual average of 74% of all fire agencies reported their incidents to the OSFM. Since then, this annual average has increased to 81%. As of the end of October 2015, that number reached 85%.

The data shows that more fire agencies are not only reporting their incident data, but are reporting it sooner than ever before. This timely reporting of incident data allows for earlier identification of dangerous trends that place our citizens at risk.

A total of 14,438 reports had been received by February 15, 2010. In contrast, between January 1 and February 15, 2015, there were a total of 25,107 reports received, a 74% increase over 2010. As of the end of October 2015, we have realized an average increase of 48% in the number of incidents received per month since 2010. On average over the last five years, we have received a total of 182,222 incidents by the end of October. In 2015, we received 239,454 incidents over the same period.

Another indicator of success is an increase of the statewide incident validity rate. The statewide incident validity rate is a year-to-date measure of incident reports that have data entered in all of the required fields necessary for effective analysis. The statewide incident validity rate in 2010 was 85.4%.

In 2014, the statewide validity rate was 96.7%. At the end of October 2015, the statewide incident validity rate was at 98.0%.

More agencies reporting, timelier reporting, and better quality data are key factors that indicate progress is being made. We can always do better and we will strive to do just that, but as a state, we are clearly moving in the right direction!

The Oregon Fire & EMS Bridge™ is widely used across the state. The majority of Oregon's 315 structural fire agencies currently use the system for incident reporting. Only 19% (62 agencies) purchase and maintain their own reporting software.

### Training is available

We recognize there are agencies that struggle with incident reporting, it is a complex system with many rules and codes. Doing it is one thing, but doing it correctly is something that generally involves some degree of training. We can help you with that.

There are also agencies that would like to use the Oregon Fire & EMS Bridge™ to either report incidents or access its many other functions. Some quick and simple training can go a long way in making this system work the way you need for your agency. We can help you with that too.

The OSFM Analytics & Intelligence unit offers free on-site training to local fire agencies on NFIRS as well as the Oregon Fire & EMS Bridge™. If your agency and/or others in your area would like to receive training on either of these, simply contact us to set it up.

Questions? Please contact the Analytics & Intelligence Unit at 503-934-8250, toll free at 877-588-8787, or email [osfm.data@state.or.us](mailto:osfm.data@state.or.us).

## OSFM promotion

OSFM Community Right to Know Program Coordinator Mark Johnston has been promoted to manager to oversee the License and Permits unit and the Community Right to Know program.

Mark started in the fire service as a volunteer firefighter with the Cottage Grove fire department. He then worked as an intern firefighter with Turner Fire District for two years while attending Chemeketa Community College, majoring in fire suppression.



After finishing his studies at Chemeketa, he continued as a volunteer with Turner FD for another two years.

Mark began working for the Office of State Fire Marshal in February of 2002 as a compliance specialist

in the Non-Retail Fueling program. Later that year he transferred to the Community Right to Know program where he continued to serve as a compliance specialist for nine years, two of which were as the lead compliance specialist.

Mark returned to the Non-Retail fueling program in 2011 until being promoted as the Program Coordinator for the Community Right to Know program in June 2013.

Mark also serves as a finance section chief on an OSFM Incident Management Team and as the chair of the Finance Section working group.

"I'm honored to be part of the OSFM team serving Oregon citizens and the Oregon fire service. I look forward to continuing the great work accomplished by the staff and my predecessors," remarked Johnston.

In his spare time Mark and his wife enjoy spending time with family, golfing, fly fishing, touring on their Harleys, and spending time outdoors exploring Oregon's wilderness.

## Sue Otjen receives OEMA award

OSFM's State Emergency Response Commission Coordinator Sue Otjen was presented with the Oregon Emergency Management Association Presidents Award at their fall conference in Vancouver, Washington.



*OEMA President Nancy Bush (left) presents the Presidents Award to OSFM's Sue Otjen. (photo credit: James Bryant)*

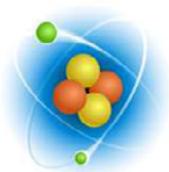
"Sue has dedicated many hours to the success of OEMA," said OEMA President Nancy Bush. "She is actively involved in the OEMA annual conference and is always an advocate for OEMA members to be involved where necessary in projects related to the Fire Marshal's Office. She provides OEMA and emergency managers with a voice within her discipline at the state level and she is very much appreciated."

## AFG application period announced

The FY 2015 AFG application period will open on Monday, December 7, 2015 at 8 a.m. EST and close on January 15, 2016 at 5 p.m. EST. Application assistance tools are available.

It is important to read the [Notice of Funding Opportunity](#) which contains key programmatic updates and application requirements.

More information is available on the [AFG website](#).



## Naphthalene $C_{10}H_8$

### Description:

- Synonyms: Naphthalin; Naphthene; moth balls
- White crystalline solid with an odor of moth balls
- May be transported in molten form at a temperature above its flash point
- CAS No.: 91-20-3
- EPA Section 302 EHS: Not listed
- EPA Section 112R : Not listed
- EPA Section 304 EHS: Not listed

### NFPA 704 Information:

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

### Uses and Occurrences:

- Uses include moth repellent, fumigant, lubricants, and to make other chemicals

### Reactivity and Fire Risk:

- Stable under recommended storage conditions
- Highly flammable
- Flash point: 174-190° F
- LEL: 0.9%; UEL: 5.9%
- Autoignition temperature: 978.8-1052.6° F
- Vapor density (air = 1): 4.4-4.42
- Specific gravity (water = 1): 1.15-1.62
- Boiling point: 424° F
- Insoluble in water
- Powders, shavings, turnings may explode or burn with explosive violence
- Vigorous reactions including explosions can result from the contact between naphthalene and strong oxidizing agents.
- Incompatibles include oxidizing agents, combustible materials, chromic anhydride

### Health Hazards:

- IDLH: 250 ppm
- LD50 oral: 490.0 mg/kg (rat)
- LC50 vapor: 170 ppm 4 hours (rat)
- Irritant
- May cause corneal damage
- Suspected of causing cancer
- Severe over-exposure can result in death

### Fire Fighting Measures:

- Extinguishing media: Appropriate foam, dry chemical, carbon dioxide, water fog, dry sand, earth
- Use water spray to cool unopened containers
- May reignite after fire is extinguished

### 2012 Emergency Response Guidebook:

- UN/NA 1334 Shipping name: Naphthalene, crude; Naphthalene, refined
- UN/NA 2304 Shipping name: Naphthalene, molten
- Hazard Class: Flammable Solids (4.1)
- Guide # 133 Flammable Solids
- Spill: Initially isolate 75 feet in all directions
- Fire: Tank, rail car, tank truck isolate ½ mile

### 2014 Oregon Fire Code: Table 5003.1.1(1)

- Flammable solid
- Maximum Allowable Quantities (MAQ) per control area:
- Unprotected by sprinklers or approved storage cabinets: 125 pounds
- In sprinklered building, not within approved storage cabinets: 250 pounds
- In unsprinklered building, within approved storage cabinets: 250 pounds
- In sprinklered building, within approved storage cabinets: 500 pounds
- Group when MAQ exceeded: H-3
- Note d and e

### Incident Reporting and Information:

- Facilities reporting naphthalene on the Hazardous Substance Information Survey: two
- Hazardous materials incidents reported in Oregon since 1986: none

### References include:

- [Cameo chemicals – Naphthalene](#)
- [CDC NIOSH Pocket Guide – Naphthalene](#)
- [Sigma-Aldrich – SDS Naphthalene](#)
- [Matheson Tri-Gas - MSDS Naphthalene](#)
- [Science Lab.Com - MSDS Naphthalene](#)
- [EPA List of Lists, March 2015](#)

For questions or suggestions, contact Aleta Carte at 503-934-8262 or [aleta.carte@state.or.us](mailto:aleta.carte@state.or.us).

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## Position opening

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### Division Chief – Fire Marshal

The city of Albany, Oregon is recruiting for a full-time Division Chief – Fire Marshal with the Albany Fire Department. The position oversees the department's Fire and Life Safety division and is responsible for fire prevention and life safety matters throughout the community. The position performs highly skilled professional and technical work in the review of building construction plans for fire department access, water supply, fire alarm and fire sprinkler systems, and other new construction fire and life safety features. The position also supervises the compliance and public education deputy fire marshals and the department's fire investigation group.

Current monthly salary is \$6,832 to \$8,403. The city also offers an attractive benefit package. Visit the city website for [more benefit information](#).

To apply, visit the [city of Albany's website](#). Application deadline is December 27, 2015.

## Nominations being accepted for NFPA educator of the year

The National Fire Prevention Association is looking for nominations for the Fire and Life Safety Educator of the Year Award. Eligible candidates include any fire and life safety educator in the U.S. or Canada working for a local fire department or fire marshal's office, uses NFPA educational programs and materials in a consistent and creative way, and who demonstrates excellence and innovation, reaching out to the community with NFPA materials.

The winner will receive a \$1,000 honorarium, travel and registration at the June 2016 NFPA Conference and Expo in Las Vegas, Nevada.

The local fire department will receive a \$1,000 donation to support public education activities.

Visit the [NFPA website](#) for an application and more information.

Deadline for applications is Friday, February 12, 2016.

## Ready, Set, Go! grants available

The International Association of Fire Chiefs and American International Group are offering direct funding, no cost-share grants of approximately \$1,000 to assist departments and emergency service agencies to provide outreach to their communities on wildland fire public awareness through the Ready, Set, Go! program.

Fire departments and emergency service agencies that may require financial assistance for printing or supplies to create a successful local outreach event or door-to-door effort are encouraged to apply.

Applicants must be members of the Ready, Set, Go! program. Submissions should be sent to the RSG and will be evaluated using a peer review process. Existing use of the Achievement Management System (AMS) by RSG members will be looked upon favorably in the review process.

RSG members who receive a grant are expected to use AMS to record their efforts.

Grant funds cannot support and/or supplant salary or in-kind reimbursements to the fire department or other partners involved. Grant funds must be used within six months of award and are only for events/activities that have not yet occurred.

For questions, contact RSG program staff at 703-273-0911 (Eastern Standard Time, business hours) or via [RSG@iafc.org](mailto:RSG@iafc.org).

## Save the Date

### Oregon Office of State Fire Marshal 2016 Task Force Leader Symposium

February 23 – 24, 2016  
Eugene, Oregon

This training is intended for current task force leaders, assistants, and those expected to fill the role in 2016. A limited number of lodging scholarships are available.

Topics include: structural prep & triage, social media, burnout operations, processes and procedures, tips of the trade, and radio 101.