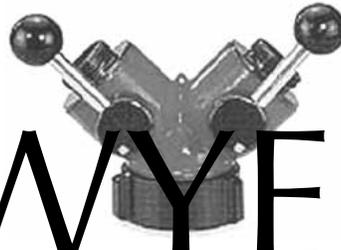


# GATED WYE



April 2013 · Oregon Office of State Fire Marshal · 4760 Portland Road NE · Salem Oregon 97305-1760 · No. 351

## Oregon ends 2012 with no child fire fatalities

Statistics released from the Oregon Office of State Fire Marshal indicate in 2012 there were no children (ages 0-19) who died in a fire. This is the first year the OSFM has recorded that no child died as a result of fire.

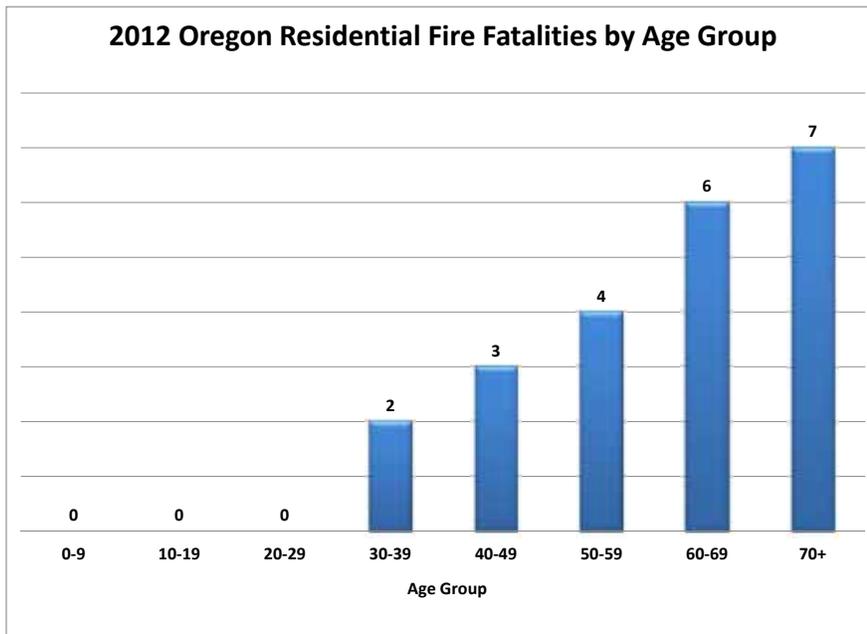
“However, a single death is still one too many,” Wallace declared. “We will continue our efforts to improve fire safety education campaigns, as well as fire safety codes, designed to protect all Oregonians.”

and more than \$107 million in property loss.

Over the past five years, Oregon has averaged 6.8 fire deaths per million population.

Older adults (age 60 and above) accounted for 62% of the residential fire deaths in 2012.

To help reduce the incidence of older adult fire deaths and injuries, the OSFM has developed an [Older Adult Fire and Fall Prevention program](#) made available free to any Oregon fire department.



“This is certainly good news,” says State Fire Marshal Mark Wallace. “We take pride in knowing everyone involved in the Oregon fire service, volunteer and career folks alike, have done their part in this positive outcome.”

The most recent report from the OSFM shows 22 adults died in residential fires in 2012.

This equates to 6.5 fire deaths per million in Oregon.

In addition to those deaths, there were 236 civilian injuries



If your agency would like more information on this program, contact the OSFM Fire and Life Safety Education Division at 503-934-8228.

# From the desk of the State Fire Marshal



## Preparation is key to upcoming wildfire season

The 2013 wildland fire season will soon be here. Although there were devastating fires on federal lands in Oregon last year, none met the criteria needed for the governor to declare a Conflagration. Fire defense board chiefs, fire chiefs, deputy state fire marshals, and others closely monitored several of the fires and did a great job keeping us informed of the situations.

Federal incident management teams and some ODF IMTs were busy in Oregon, as well as the entire NW. Forecasted lightning storms created a relatively minor number of “dry lightning” strikes (those most likely to start a fire) in Oregon, but that wasn’t the case elsewhere. The largest lightning outbreak missed Oregon by about 200 miles and started over 300 fires in Washington in one night.

Official fire season forecasts are anticipated to be completed and distributed this month. Preliminary indications are the 2013 fire season will be about the same as the 2012 fire season, maybe a little worse. We’ll only know the answer as the calls come in, or in November when we look back at what happened.

However, now is the time to get “tuned-up” for the demands of the fire season. With no mobilizations in 2012, and limited overhead team mobilizations in 2011, the question is how to remain current. The fact is, the best way to keep our IMTs current is to mobilize them often. The reality is, the fire circumstances, balanced with the fiscal responsibilities entrusted to us, will result in close scrutiny of every fire during the 2013 season, and future seasons. So, we face at least two challenges in this arena.

In early April, our IMT Training Conference will be held in preparation for the season. On May 6, the State Fire Defense Board will meet at Eagle Crest Resort in central Oregon to review the work of the off-season committees, discuss the 2013 edition of the Mobilization Plan, and hold the

... now is the time to get “tuned-up” for the demands of the fire season.

– SFM Mark Wallace



**State Fire Marshal  
Mark Wallace**

**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**

Administration  
ext. 205

Codes & Technical  
Services  
ext. 269

Fire & Life Safety Education  
ext. 236

Community  
Right-to-Know  
ext. 238

Data Collection & Research  
ext. 273

Emergency Planning and  
Response  
ext. 238

Fire & Life Safety  
ext. 256

License & Permits  
ext. 264

Youth Prevention  
& Intervention  
ext. 240



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](mailto:richard.hoover@state.or.us). In compliance with the Americans with Disabilities Act, alternative formats of this publication are available.

see *SFM Wallace* page 3

annual State Fire Defense Board meeting. This is the second year we are offering our Mobilization 101 class, the same day as our annual meeting. This year, we coordinated these meetings with the OFCA Conference schedule of events. We will discuss proposed changes to the Mobilization Plan.

Soon after, the approved 2013 Mobilization Plan will be available in hard copy and online.

The second challenge is for everyone that may be called on to protect fellow citizens or their structures threatened by an advancing wildland fire, must be trained, exercised, prepared, and ready to go.

Maintaining current skills, practicing the business of managing large-scale and complex incidents, and large wildland fire experience are challenges we face and must consider each year. At the same time, a significant success challenge is that we can't send out more personnel than are justified to any one incident.

The old military adage (cleaned up a little), "proper planning prevents poor performance" is always true. The OSFM can help, but the responsibility to be prepared is up to you.

## LEPC conference in May 2013

The OSFM and the State Emergency Response Commission are hosting a Local Emergency Planning Committee (LEPC) Conference, May 21-23, 2013, in Seaside, Oregon.

The conference is designed for current LEPC members, hazmat emergency response team members, and other public-sector first responders interested in learning about Oregon's LEPC's. Topics include LEPC 101, Regional HazMat Team Overview, HazMat Response to Transportation Incidents, Global Harmonization System, HMEP Grant Workshop, and How to Plan and Host a Full-scale Hazmat Exercise.

The conference is funded by the U.S. Department of Transportation, HMEP grant program. Attendance is limited to 100. You can [access the registration form on the OSFM website.](#)

## OSFM joins Parkdale Fire in honoring young hero

The Parkdale Fire Department (Hood River County) handed out its first ever Hero Award to 8-year-old Julisa Ramirez at a special assembly at Parkdale school on March 22nd.

Julisa awoke the morning of March 17 to the smell of smoke in her house. She quickly woke her family and reminded them to "get out and meet at our safe place," and to call 911.

When firefighters arrived Chief McCafferty asked Julisa, "How did you know what to do?" Julisa replied, "You taught me."

As it turns out, Chief McCafferty and other firefighters had given Parkdale Elementary students a class on fire safety, at the start of the school year.

When presenting the Hero Award, McCafferty said, "This junior firefighter learned what she was taught and put it into action and saved her family."

Parkdale firefighters presented Julisa with six teddy bears to replace the one she lost in the fire and Hood River 911 Dispatch Representative Michelle Renault gave her a stuffed "Cellphone Sally" doll (teaches kids to call 911 using a cell phone).



*DSFM Ted Megert leans over to congratulate Julisa on her life-saving actions.*

OSFM Deputy State Fire Marshal Ted Megert presented a certificate of commendation to Julisa, from State Fire Marshal Mark Wallace, "in recognition of your initiative, bravery, and action on March 17, when you bravely remembered your life-saving training."

The family's rental home and belongings were destroyed. Secure Storage in Parkdale donated a unit for the family to store donated furniture and clothing. Donations may be delivered Monday through Saturday, 10 a.m. to 6 p.m. Clothing size information is available on the [Hood River News website.](#)

*Thank you to Hood River News Editor Kirby Neumann-Rea for contributing to this story and for the use of his photo.*

## OSFM looking for life safety team members

The Office of State Fire Marshal is inviting members of the Oregon fire service and any other safety organization to participate on the [OSFM's Oregon Life Safety Team \(OLST\)](#).

The main purpose of the OLST is to coordinate and implement consistent statewide fire prevention and life safety education. Current members of the OLST include representatives from fire service agencies and associations, government and private agencies, and citizens.

Representatives are especially needed from the following counties: Baker, Coos, Crook, Douglas, Gilliam, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Umatilla, Wallowa, and Wheeler.

The OLST generally meets monthly in Salem, however teleconferencing is available for members unable to attend in person. Everyone is welcome to attend the next meeting, April 18, 2013, 1:30 p.m. to 3:30 p.m. to help you determine your interest in becoming part of the team. The OSFM is located at 4760 Portland Rd., NE, Salem, Oregon.

If interested in attending via conference call or in person, please contact Stephanie Stafford at 503-934-8219 or [stephanie.stafford@state.or.us](mailto:stephanie.stafford@state.or.us); or contact Joe Saltarello at 503-934-8366 or [joe.saltarello@state.or.us](mailto:joe.saltarello@state.or.us).

## Fire Defense Board meeting

The 2013 Oregon Fire Defense Board Chief training is Monday, May 6, at Eagle Crest Resort in Redmond, Oregon.

- 9-11:30 a.m. Mobilization Plan training
- 12-1:30 p.m. Lunch/Panel conversation on mobilizations
- 2-3:30 p.m. Fire Defense Board Chiefs formal meeting

[Registration is available online.](#)

## Free Leadership Development Program, Train-the-Trainer

The Department of Public Safety Standards and Training is extending an invitation to attend a five-day IPSLEI Leadership Development Program facilitator course.

The International Public Safety Leadership & Ethics Institute (IPSLEI) Leadership Development Program is an innovative and leading edge program on professional development combining classical humanities-based study of leadership, with the complexities of leading in a modern public safety organization.

The program's curriculum has been developed by and for industry professionals from law enforcement, fire, and corrections. The vision of the program is to prepare public safety professionals, early in their careers, to contribute at higher levels of leadership roles and responsibilities in their personal lives, their communities, and their careers.

The course is May 6-10, 2013, 8:00 a.m. to 5:00 p.m. daily. All tuition, educational supplies, meals, and lodging are provided. Participants must make their own travel arrangements.

Enrollment will consist of individuals from a variety of public safety organizations to include fire, law enforcement, corrections, and 911 telecommunications.

Roxanne McDaris and Monika Byrd will instruct the class. McDaris is a lieutenant with the Las Vegas Metro Police Department and Byrd is director of the Phi Theta Kappa Leadership Development program. Additional information concerning the program is available at the [IPSLEI website](#).

To attend, complete the [online Regional Training Registration Application](#), and fax or send it to Thelma Denney (for Fire Service personnel) or Jennifer Otterlee (for Criminal Justice personnel) at 503-378-3345. Requested registration information includes name, address, phone number, fax number, and email address. Applications must be received no later than 8:00 a.m. April 29, 2013.

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

## DATA Connection

.....  
News from the Data Collection & Research Unit  
by Program Coordinator Dave Gulledge

### 2012 Incident Data

The comprehensive analysis of 2012 incident data is underway and will be released in the Supplement to the Annual Report later this year. Although some data continues to trickle in as incident reports for 2012 are still being submitted and or modified/corrected, there are some successes for 2012 that we would like to share - a sneak peek at the 2012 annual data.

The number of incidents reported to the OSFM each year has steadily increased from 244,736 in 2010, to 261,945 in 2012<sup>1</sup>. The annual call volume for some agencies in Oregon is up, for others it's down. The overall seven percent increase of statewide incidents reported from 2010 to 2012 appears to be due to an increase in reporting by local agencies, as opposed to an increase in responses.

In any event, from the local to the federal level, the more data that is available the more well-equipped we are to provide better education to the public, guide budget and funding decisions, and ensure the effective use of appropriate resources. We would like to thank all of our local partners that have taken the time and effort to submit their incident data to us. It can certainly be a tedious task, but well worth the effort!

Here's a look at more successes from 2012:

Every year, Oregon experiences citizen deaths due to fire. Over the past five years, Oregon has averaged 33 fire fatalities annually. What is important to note is that the OSFM began recording fire deaths by age group in 1965. Since that time, 2012 was the first year in which there were no recorded fire deaths involving children (age 0-18).

In a recent press release regarding this statistic, State Fire Marshal Mark Wallace commented, "This is certainly good news. We take pride in knowing everyone involved in the Oregon fire service, volunteer and career folks alike have done their part in this positive outcome."

"However, a single death is still one too many," Wallace declared. "We will continue efforts to improve our fire safety education campaigns as well as fire safety codes designed to protect all Oregonians." \_\_\_\_\_

As of the time of this article, 256 of Oregon's 316 fire agencies have reported incidents to the OSFM for 2012. This equals 81% of all fire agencies in the state. The 19% that have not reported incident data for 2012 are mostly jurisdictions with smaller populations.

Based on data from the U.S. Census Bureau and information provided by local agencies, the combined population of jurisdictions that have reported in 2012, account for approximately 98% of the state's population. \_\_\_\_\_

On January 1, 2010 the OSFM adopted the National Fire Incident Reporting System (NFIRS) 5.0 as the statewide reporting standard, and launched a new internet based reporting system called Fire Bridge.™ This system has allowed us to easily identify when the required fields of an incident report are missing. Not entering information in the required fields causes a report to be considered as incomplete or 'invalid' under the NFIRS standard. Since switching to the new system and standards, report completeness (or validity) has steadily improved. In 2010, the overall validity rate was 91%, and in 2012 it rose to 98%. \_\_\_\_\_

### Monthly NFIRS Training

Just a reminder that we are conducting ongoing monthly NFIRS classes. These classes are held on the last Tuesday of every month from 1-3 p. m. at the OSFM headquarters in Salem. Attendance via webinar is also available.

For questions, or to register to attend the next class, contact the OSFM Data Collection & Research Unit at 503-934-8250 or 877-588-8787 (toll free), or by email at [osfm.data@state.or.us](mailto:osfm.data@state.or.us).

---

<sup>1</sup> Data listed for 2012 is incomplete and is based on information reported to OSFM as of March 22, 2013. Final tallies for 2012 may be different.

## NASFM residential sprinkler training available online

The National Association of State Fire Marshals (NASFM) has announced that an updated version of the program “Bridging the Gap, Implementing a Residential Sprinkler Requirement” is now available as an [online course](#).

The new online training takes just one or two hours to complete and certificates will be issued at the end. Also available as a free download is the new second edition manual to implementing a residential sprinkler requirement.

The NASFM has also created a [virtual help desk](#) for residential fire sprinklers. Because of help from many fire service organizations and individuals, NASFM has gathered all the resources it could find on residential sprinkler systems and placed them at your fingertips, through one website.

The course and the virtual help desk were made possible by a grant from the Department of Homeland Security, Federal Emergency Management Agency’s, Fire Prevention and Safety program.

## NVFC inviting submissions to its public education exchange

The National Volunteer Fire Council (NVFC) is working with the United States Fire Administration (USFA) to expand its Prevention and Public Education Exchange.

The Exchange is an online repository of fire prevention and life safety resources that have been successful in communities across the United States. As part of FEMA’s Learning Research Center, the Exchange allows for the sharing of ideas and resources so that others may adopt and implement critical prevention and safety programs.

The Exchange currently houses over 550 items, but is looking to expand. Fire Corps programs or departments with successful and/or innovative prevention and life safety materials are encouraged to contribute to the Exchange.

The NVFC has created an [online form to collect submissions](#) through April 26, 2013. Find out more on the [USFA website](#).

## Fire grant update

by Hines Lieutenant/Grant Writer Jonathan Manski

Tears or cheers is pretty much the best way to describe March to those of us directly involved with the 2012 Assistance to Fire-fighter’s Grant (AFG) program.

First round denial letters, for those whose applications did not pass the computer scoring, were sent out March 12 and March 21. This likely put an end to the uncertainty of many. If your department was lucky enough not to have received that notice and you still don’t have an award or a 1199a, there should be some comfort in knowing your grant application at least went on to Peer Review. Now, success or failure will depend on how long the money lasts.

The highest scoring applications are funded first, then it continues until the dollars are used up. The good news about receiving an early denial notice is knowing it’s over, so you can focus on the 2013 program, which really is not that far out.

The 2009 AFG closeout modules should be available on the grants website. Check your 2009 award, if it is available, you will see a closeout link. Good luck with remembering all the project details required to submit and closeout your award. Some errors persist in the closeout process, so check with your regional grant specialist if you have lingering concerns. 2010 closeouts should follow soon, so keep an eye out.

A grant opportunity exists for awards up to \$5k from the National Firefighter Endowment. For those folks with video skills, this one is for you.

Lastly, the Oregon Department of Forestry administered Volunteer Assistance Grant (VFA), is open until April 12, 2013. This U.S. Forest Service grant targets volunteer departments serving areas with city populations under 10,000. This year’s grant limit for the Oregon program is \$10k. Some of the program rules have changed. Be sure to visit the ODF website for program specifics.

Now, a reality check. As of the writing of this column, and at least until some form of federal budget is signed, the US Forest Service has not allocated any 2013 funding to this program.

[Visit the FEMA fire grants webpage](#) for more information.



## Acetone (CH<sub>3</sub>)<sub>2</sub>CO

### Description:

- Synonyms: Propanone, 2-propanone, dimethyl ketone
- Clear colorless liquid with sweetish odor
- CAS No.: 67-64-1
- EPA Section 302 EHS: Not listed
- EPA Section 112<sub>R</sub>: Not listed
- EPA Section 304 EHS: Not listed

### NFPA 704 Information:

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

### Uses and Occurrences:

- Normally present in blood and urine
- Laboratory solvent
- Used in paint thinner and nail polish remover
- Acetylene is dissolved in acetone
- Acetone is reacted with hydrogen peroxide to form the explosive, acetone peroxide

### Reactivity and Fire Risk:

- Stable
- Highly flammable
- Flash point: -4 – 1.4° F
- LEL: 2%; UEL: 13%
- Autoignition temperature: 869° F
- Vapor density (air = 1): 2
- Specific gravity (water = 1): 0.788-0.791
- Boiling point: 133° F
- Reacts violently with nitric acid
- Exothermic reaction in contact with aldehydes
- Incompatibles include strong oxidizing and reducing agents, strong bases and nitric acid

### Health Hazards:

- OSHA PEL: 1,000 ppm (TWA)
- IDLH: 2,500 ppm
- Eye and skin irritant
- Can be absorbed through the skin
- May cause central nervous system depression
- Acts as an anesthetic by inhalation in very high concentrations
- In very high concentrations may cause collapse, unconsciousness, coma, and death

### Fire Fighting Measures:

- Extinguishing media: Alcohol resistant foam, dry chemical, carbon dioxide, water fog
- Use of water spray may be inefficient in fire fighting
- Use water spray to cool containers

### 2008 Emergency Response Guidebook:

- Shipping name: Acetone
- Hazard Classes: Flammable Liquids (3)
- UN/NA: 1090; Guide # 127 Flammable Liquids
- Spill: Initially isolate 150 feet in all directions
- Large spill: Consider evacuating 1,000 feet

### Oregon Fire Code: Table 2703.1.1(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

### Incident Reporting and Information:

- Facilities reporting acetone on the Hazardous Substance Information Survey: 235
- Hazardous materials incidents reported in Oregon since 1986: 17

### References include:

- [Cameo chemicals – Acetone](#)
- [Fisher Scientific – MSDS Acetone](#)
- [CDC Niosh Pocket Guide – Acetone](#)
- [EPA List of Lists, October 2012](#)
- [Sigma-Aldrich. – MSDS Acetone](#)

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

## Appendix SR – A move to model code

(Reprinted with permission from the Oregon Building Codes Division Local Building Department Newsletter)

Special Residence occupancies have been in existence for several code cycles as an appendix to the Oregon Structural Specialty Code (OSSC). The appendix was originally created to fill a void that the model code didn't address regarding personal care facilities licensed by the state. These facilities span four different levels of residential care and treatment, which can include adults and children in residential structures with between five to 16 residents under 24-hour supervision. The residents may have varying degrees of functional abilities and may or may not be able to evacuate the structure on their own accord. The Appendix SR provisions in the OSSC comprise a full Oregon amendment to the International Building Code (IBC) and require considerable maintenance in properly assessing and coordinating the needs of contemporary health care with the development of new building codes.

To address the gaps in model code for these occupancies, The International Codes Council (ICC) convened a "Code Technologies Committee (CTC) – Care Study Group," which worked diligently over the past few code cycles to develop a consensus code proposal. As a result of the CTC's efforts, a sweeping code change was approved on the "consent agenda" at the 2015 IBC Final Action Hearings held in Portland this past October. These revisions will be published in the 2015 International Building Code.

In anticipation of the approval of the CTC proposal, BCD began working with various stakeholders throughout the fall of 2012 to consider the benefits of moving to model code language for special occupancies. The proposal was thoroughly vetted through the Office of the State Fire Marshal, Oregon Health Authority, code officials, the design industry, the health care industry, and other constituents.

As a result of the final action hearings and stakeholder outreach, Oregon's 2014 OSSC Code Review Committee recently passed a motion to remove Oregon's existing SR appendix in its entirety and adopt the 2015 IBC provisions with certain

necessary Oregon amendments for inclusion in the 2014 OSSC. The proposal will be forwarded to the Building Codes Structures Board in June for their approval and recommendation to the division for final rulemaking. The anticipated effective date of the 2014 OSSC is April 1, 2014.

For more information, contact Facilities Engineer Steve Judson at 503-378-4635.

## International Fire/EMS Safety and Health Week

The International Association of Fire Chiefs (IAFC) and the National Volunteer Fire Council (NVFC) have announced the 2013 [International Fire/EMS Safety and Health Week](#) will be June 16-22, 2013.

As in past years, Safety and Health Week 2013 will be a collaborative effort of the fire and emergency service involving the major organizations as part of the grass roots effort to promote the event and have a positive impact on all fire/EMS personnel. We invite you to participate again this year, because your involvement is critical to Safety and Health Week's success.

### ***Saving Our Own...An Inside Job***

This year's effort will capture the importance of responders looking out for their own and each other's mental and physical well-being. This year's tag line, *Saving Our Own...An Inside Job*, reflects the focus on the theme of behavioral health and the understanding that the most important factor in improving responder health and safety is other responders.

[Graphics are available from the Safety and Health Week website](#) for organizations to include on their own website to help promote the week and link to the event's website.

The complete [media release from the IAFC and NVFC is available online](#).

