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OSFM Stresses Fireworks Safety During 4th of July

126 people were injured, and one killed by fireworks between June 23 and July 20, 2019 in Illinois

Springfield, Ill- The 4th of July is usually celebrated with cookouts, outdoor activities and fireworks shows. Due to the COVID-19 pandemic, many communities have canceled their displays. This is raising concerns about an increase in use of novelty fireworks and illegal fireworks in Illinois.

Illinois State Fire Marshal Matt Perez says, "Due to numerous community fireworks displays being canceled, we are concerned that people will resort to lighting fireworks in their backyards or public spaces. It is important to remember fireworks are dangerous and should only be used by someone who has a permit and the proper training. We still want people to remember our safety message; Fireworks: Leave them to the Professionals!"

According to the National Fire Protection Association, fireworks started an estimated 19,500 fires in 2018, including 1,900 structure fires, 500 vehicle fires, and 17,100 outside and other fires. These fires caused five deaths, 46 civilian injuries, and \$105 million in direct property damage in the United States. These fires are not only caused by commercial/consumer fireworks, but also by unregulated novelty fireworks that are sometimes purchased at local supermarkets.

"In addition to fireworks, novelties such as sparklers, snappers, and poppers are very dangerous. Sparklers account for the greatest number of fireworks injuries, and often to the youngest victims. Sparklers burn in excess of 1200 degrees – hot enough to melt many metals and hot enough to turn steel glowing red. An instantaneous touch of this will cause a burn and may result in permanent damage or scarring," said Bob Wetzel OSFM Fire Safety Compliance Manager.

Healthcare facilities reported 126 persons having been injured and one person killed by fireworks during the 2019 seasonal reporting period in Illinois, which is between June 23 and July 20. Approximately half of all injured persons suffered multiple injuries. Males accounted for around 71% compared to just 27% females of all reported fireworks injuries. Almost half of all injuries (48%) occurred to persons over 22 years of age. Children under 6 years of age and 7-10 years old accounted for 22% of all injuries.



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

OSFM is aware of additional injuries that are not part of the statistics since they were reported outside of the reporting period, and they were not reported to OSFM by a healthcare provider.

There were 56 participating healthcare providers who voluntarily provided data to OSFM on fireworks injuries in 2019, compared to 44 in 2018. OSFM encourages healthcare providers to participate in reporting this information. Reports can be submitted in paper format or by visiting:

<https://www2.illinois.gov/sites/sfm/SFMDocuments/Documents/PyrotechnicHospitalFireworksSurvey.pdf>

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