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The authority on fire, electrical, and building safety

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FIREWORKS

Report: NFPA's "["Fireworks"](#)
Author: John R. Hall, Jr.
Issued: June 2013

Injury patterns and trends, including shares by type of fireworks, and fire patterns and trends, based on reports to hospital emergency rooms, and trends in fireworks-related fires. Also includes published incidents.

Executive Summary

In 2011, an estimated 17,800 reported fires were started by fireworks. These fires resulted in an estimated 40 civilian injuries and \$32 million in direct property damage, with no reported fire deaths.

During 2007-2011, 91% of the average of 19,700 fires associated with fireworks per year occurred outside any structure or vehicle. The largest numbers of these outdoor fires associated with fireworks involved grass fires (6,800 per year), brush fires (4,500), dumpster fires (1,700), unclassified or unknown-type natural or vegetation fires (1,300) and other outside trash, rubbish, or waste fires (1,200).

In 2007-2011, four people per year were killed in fires started by fireworks, while data from death certificates show that five people per year were killed directly by fireworks. These estimates may overlap, because fireworks can directly kill someone while also starting a fatal fire.

Using 2000-2010 data, the risk of fire death relative to hours of usage is higher for fireworks than for cigarettes. On Independence Day in a typical year, fireworks account for two out of five of all reported fires, more than any other cause of fire.

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More information

["Fireworks" report](#) (PDF, 1 MB)

Fact sheet
["Fireworks" fact sheet](#) (PDF, 135 KB)

Safety tips
[Read NFPA's safety tips on fireworks.](#)



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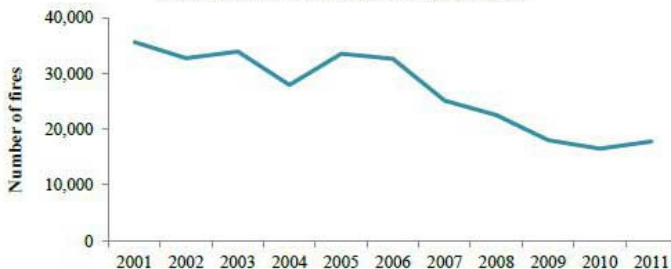


[2014 NFPA 1123: Code for Fireworks Display](#)
2014 NFPA 1123: Code for Fireworks Display

Item #: NFPA_1123
List: **\$44.50**
Member: **\$40.05**

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Reported Fires Related to Fireworks, 2001-2011



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