

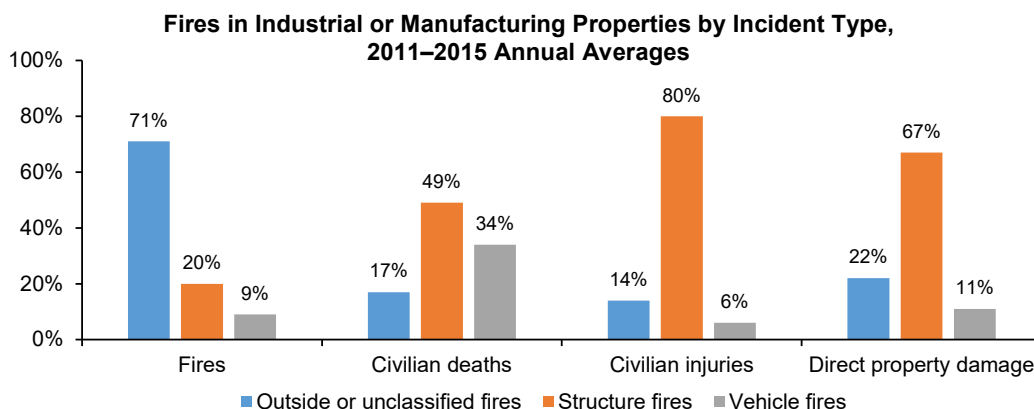


FACT SHEET » RESEARCH

Industrial and Manufacturing Property Fires

During 2011–2015, an estimated **37,910** fires in industrial and manufacturing properties were reported to U.S. fire departments per year. These included:

- ▶ **26,730** outside or unclassified fires
- ▶ **7,770** structure fires
- ▶ **3,410** vehicle fires
- ▶ An estimated \$1.2 billion in property damage per year



- ▶ Structure fires are more common in manufacturing or processing properties, while vehicle fires are more common in agricultural properties.
- ▶ Electrical distribution and lighting equipment was involved in 24% of structure fires, and heating equipment was involved in another 16% of these fires.
- ▶ Hot ember or ash was the leading heat source in 15% of outside non-trash fires in industrial properties.
- ▶ Vehicle fires are more common in the fall months, particularly in October, likely due to harvesting activities.

Codes & Standards Related to Industrial and Manufacturing Properties

NFPA 30, *Flammable and Combustible Liquids Code* – www.nfpa.org/30

NFPA 61, *Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities* – www.nfpa.org/61

NFPA 101®, *Life Safety Code*® – www.nfpa.org/101

NFPA 654, *Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids* – www.nfpa.org/654

NFPA 664, *Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities* – www.nfpa.org/664

NFPA 5000®, *Building Construction and Safety Code*® – www.nfpa.org/5000

Source: NFPA Research: www.nfpa.org/research

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