



# FIRES IN STRUCTURES UNDER CONSTRUCTION OR UNDERGOING MAJOR RENOVATION

Local fire departments responded to an estimated average of 3,840 fires in structures under construction and 2,580 fires in structures under major renovation per year from 2013 through 2017.

Fires in structures **under construction** caused an average of:

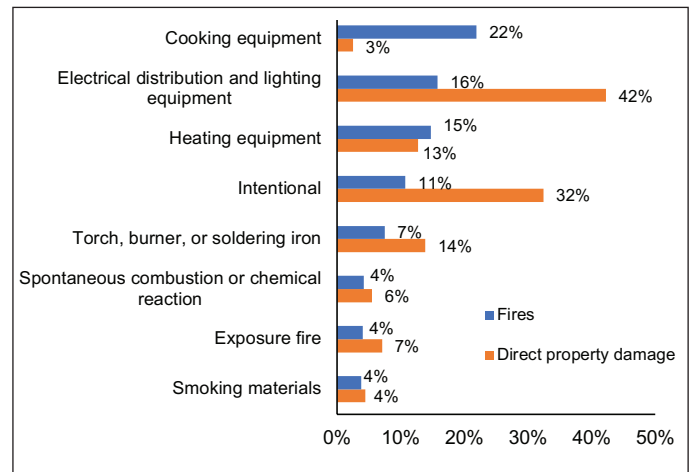
- ▶ 4 civilian deaths,
- ▶ 49 civilian injuries, and
- ▶ \$304 million in direct property damage annually.

Fires in structures **under major renovation** caused an average of:

- ▶ 8 civilian deaths,
- ▶ 52 civilian injuries, and
- ▶ \$104 million in direct property damage annually.

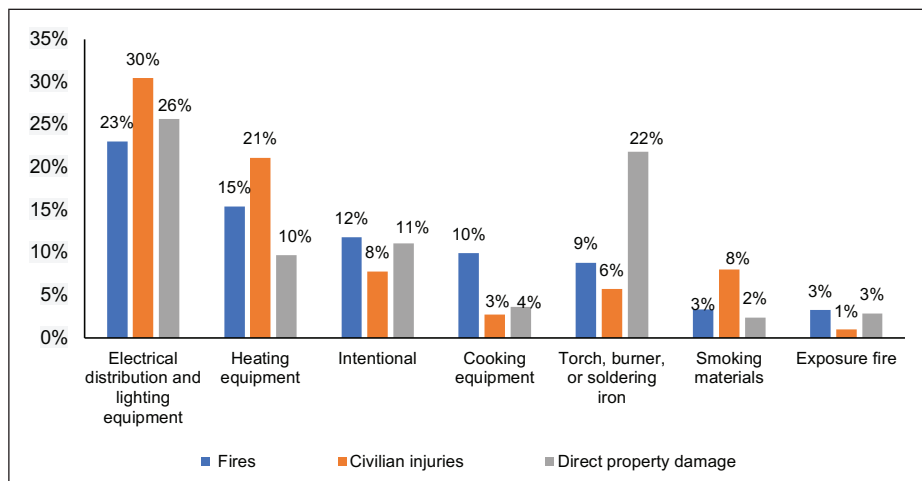
This and more information is found in the 2020 report, "Fires in Structures Under Construction or Renovation," from NFPA's Applied Research Department. Additionally, guidance for preventing fires at these structures is available in NFPA 241, *Standard for Safeguarding Construction, Alteration, and Demolition Operations*.

## Fires in Structures Under Construction by Leading Cause, 2013–2017 Annual Averages



Source: Figure 3, "Fires in Structures Under Construction or Renovation," NFPA Applied Research, Quincy, MA, 2020.

## Fires in Structures Under Major Renovation by Leading Cause, 2013–2017 Annual Averages



Source: Figure 11, "Fires in Structures Under Construction or Renovation," NFPA Applied Research, Quincy, MA, 2020.

### Learn More

- ▶ Free digital access to NFPA 241 is available at: [nfpa.org/241](https://nfpa.org/241).
- ▶ Visit [nfpa.org](https://nfpa.org) to access the full NFPA report, *Fires in Structures Under Construction or Renovation*, on which this information is based.
- ▶ Review NFPA training programs at: [nfpa.org/buildingsafetyfundamentals](https://nfpa.org/buildingsafetyfundamentals).



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