



RESEARCH

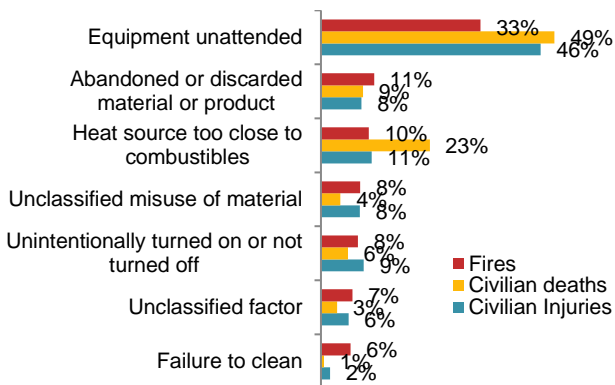
HOME FIRES INVOLVING COOKING EQUIPMENT FACT SHEET

In 2010-2014, U.S. fire departments responded to an average of 166,100 home* structure fires that involved cooking equipment per year. These fires caused an average of 480 civilian fire deaths, 5,540 civilian fire injuries, and \$1.1 billion in direct property damage.

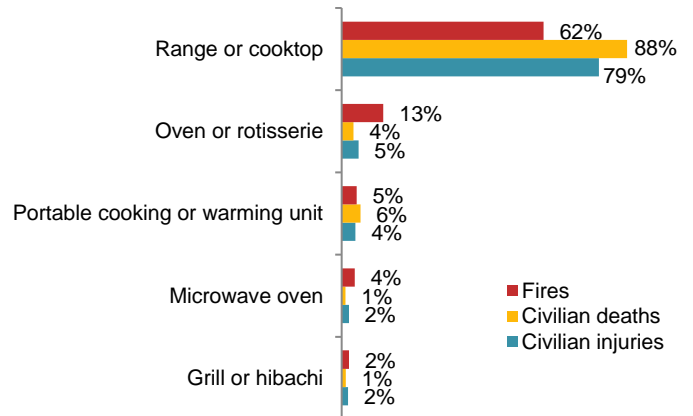
U.S. fire departments responded to an average of 455 home cooking fires per day in 2010-2014.

- Cooking equipment was the leading cause of home structure fires and civilian fire injuries and tied with heating equipment for the second leading cause of home fire deaths.
- Cooking equipment was involved in
 - Almost half (46%) of all reported home fires,
 - One of every five (19%) home fire deaths,
 - More than two of every five (44%) of reported home fire injuries, and
 - 17% of the direct property damage resulting from home fires.
- Unattended cooking was by far the leading contributing factor in these fires and fire deaths.
- Clothing was the item first ignited in less than 1% of these fires, but these incidents accounted for 18% of the cooking fire deaths.
- More than half (55%) of reported non-fatal home cooking fire injuries occurred when the victims tried to fight the fire themselves.
- Households that use electric ranges have a higher risk of fires and associated losses than those using gas ranges.
- Ranges or cooktops, with or without ovens, accounted for the majority (62%) of home cooking fire incidents and even larger shares of civilian deaths (88%).
- Thanksgiving is the peak day for home cooking fires, followed by Christmas Day and Christmas Eve.
- In a 1999 study of range fires by the U.S. Consumer Product Safety Commission, 83% of frying fires began in the first 15 minutes of cooking.

Home cooking equipment fires by factor contributing to ignition: 2010-2014



Home cooking equipment fires by equipment involved in ignition: 2010-2014



To protect yourself from these fires, [see NFPA's Cooking Safety Tips.](#)

* Homes include one- or two-family homes, and apartments or other multi-family housing.

Source: NFPA, Fire Analysis & Research Division, www.nfpa.org

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