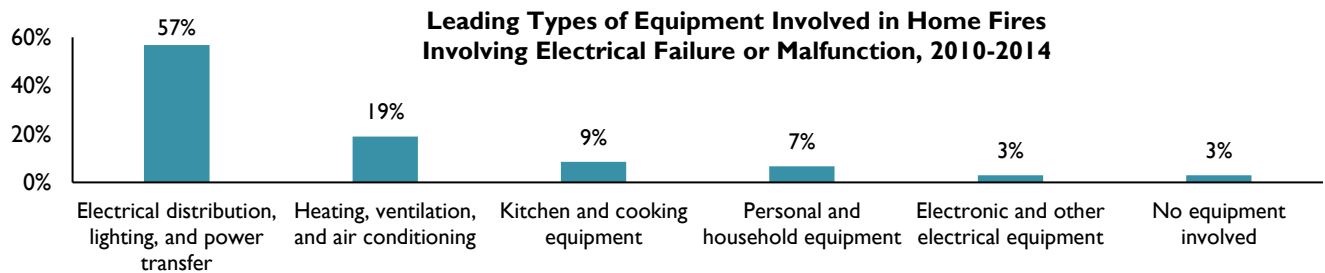




ELECTRICAL FIRES FACT SHEET

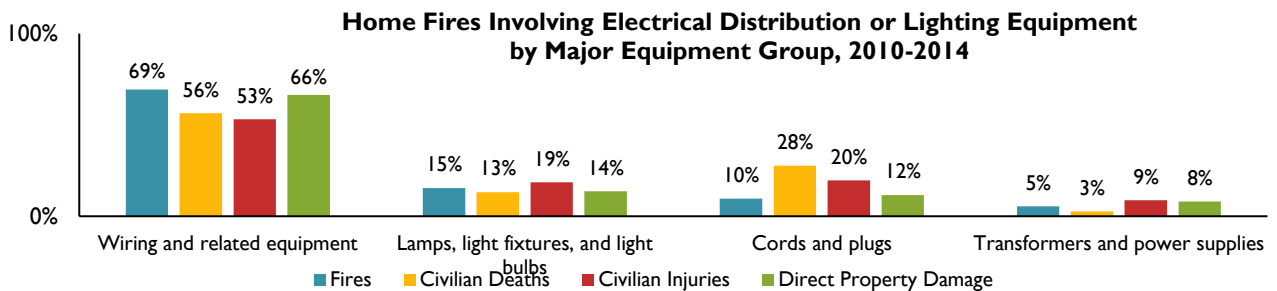
U.S. fire departments responded to an estimated annual average of 45,210 reported U.S. home structure fires involving electrical failure or malfunction in 2010-2014. These fires resulted in 420 civilian deaths, 1,370 civilian injuries and \$1.4 billion in direct property damage each year. Some type of electrical failure or malfunction also contributed to the ignition of 16,070 *non-home* structure fires during this period, resulting in an estimated annual average of 12 civilian deaths, 210 civilian injuries, and \$614 million in direct property damage.



Electrical distribution or lighting equipment was involved in 57% of the home fires involving electrical failure or malfunction. One-fifth (19%) of fires involved heating, ventilation and air conditioning equipment, 9% involved kitchen and cooking equipment, and 7% involved personal and household equipment.

Fires Involving Electrical Distribution or Lighting Equipment

U.S. fire departments responded to an estimated annual average of 31,960 reported non-confined home structure fires involving electrical distribution or lighting equipment in 2010-2014. These fires resulted in 400 civilian fire deaths, 1,180 civilian fire injuries, and \$1.2 billion in direct damage. An estimated annual average of 14,760 non-confined *non-home* fires resulted in 20 civilian deaths, 190 civilian injuries, and \$659 million in direct property damage each year over this period.



Wiring and related equipment accounted for the great majority of home fires and losses involving electrical distribution and lighting equipment (69% of fires, 56% of civilian deaths, 53% of civilian injuries, and 66% of direct property damage). Cords and plugs accounted for 10% of fires, but 28% of civilian deaths and 20% of civilian injuries, as well as 12% of direct property damage.

Source: NFPA, Research, Data & Analytics

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