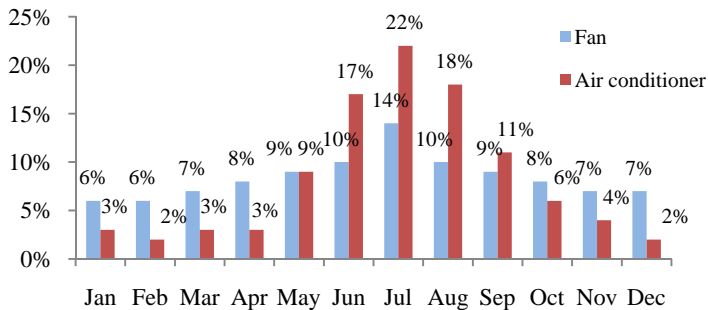




Home Fires Involving Air Conditioning, Fans and Related Equipment

In 2003-2006, U.S. fire departments responded to an estimated average of **7,000** home¹ structure fires per year that involved air conditioning or related equipment. These fires caused an annual average of 32 civilian fire deaths, 252 civilian fire injuries, and \$171 million in direct property damage.

Home Fan and Air Conditioner Fires by Equipment and Month: 2003-2006



54% of the home air conditioning fires and 35% of the fan fires occurred during the summer months of June, July and August. Ventilation fans in the kitchen and bathroom are used all year.

Electrical and mechanical factors were the leading causes of home fan, air conditioning and related equipment fires.

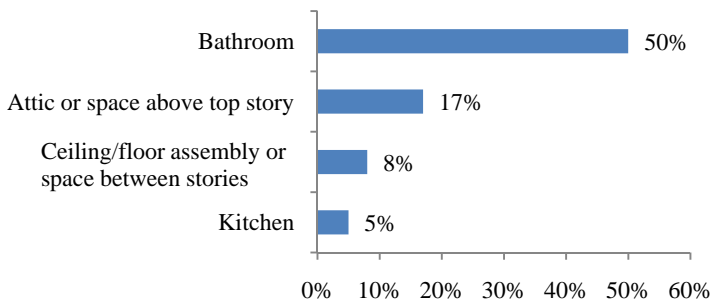
In 2006, fans, air conditioning, and related equipment were involved in 1.9% of reported home structure fires, 1.9% of reported home fire injuries, and 2.9% of associated property damage.

Fans

Fans in 2003-2006 were involved in an average of 3,700 home fires per year, resulting in an average of

- 16 civilian deaths,
- 126 civilian injuries, and
- \$94 million in direct property damage.

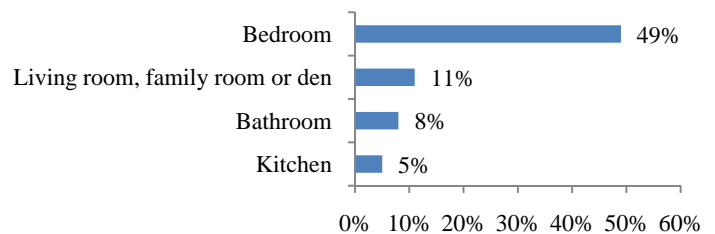
Home Stationary or Installed Fan Fires by Area of Origin: 2003-2006



Portable fans were involved in one-quarter (26%) of the fan fires, all of the fan deaths, and 68% of the fan injuries.

Half (50%) of the stationary fan fires started in the bathroom while half (49%) of the portable fan fires started in the bedroom.

Home Portable Fan Fires by Area of Origin 2003-2006



Air Conditioners

Air conditioning was involved in an average of 2,400 home fires per year in 2003-2006, with an average of

- 13 civilian deaths,
- 100 civilian injuries, and
- \$63 million in direct property damage.

28% of home air conditioning fires started in the bedroom, 12% began in the living room, family room or den, and 11% started in a duct. Central air conditioning cannot be separated from room air conditioning in these statistics.

¹Homes are dwellings, duplexes, manufactured homes, apartments, townhouses, rowhouses, and condominiums.