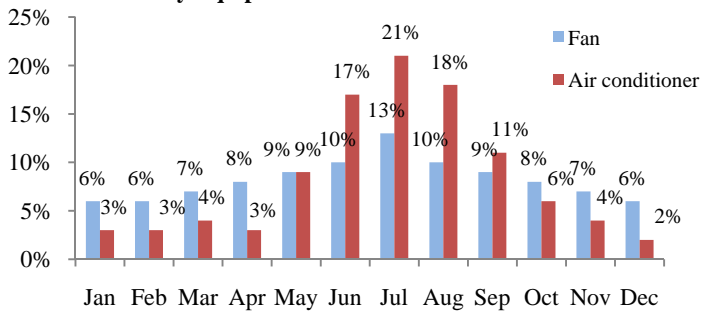




## Home Fires Involving Air Conditioning, Fans or Related Equipment

In 2003-2007, U.S. fire departments responded to an estimated average of **7,200** home<sup>1</sup> structure fires per year that involved air conditioning, fans or related equipment. These fires caused an annual average of 31 civilian fire deaths, 262 civilian fire injuries, and \$153 million in direct property damage.

**Home Fires Involving Air Conditioning, Fans or Related Equipment by Equipment and Month: 2003-2007**



55% of the home air conditioning fires and 33% 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 air conditioning, fan or related equipment fires.

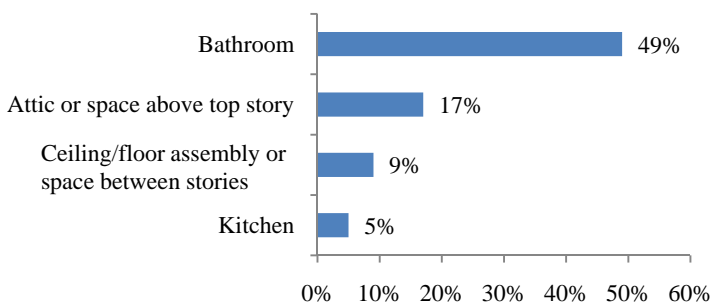
In 2007, air conditioning, fans or related equipment were involved in 2% of reported home structure fires and associated civilian injuries, and in 1% of associated civilian deaths and property damage.

### Fans

Fans in 2003-2007 were involved in an average of 2,810 home fires per year, resulting in an average of

- 15 civilian deaths,
- 135 civilian injuries, and
- \$80 million in direct property damage.

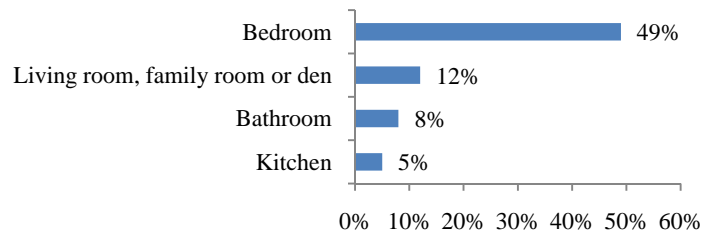
**Home Stationary or Installed Fan Fires by Area of Origin: 2003-2007**



Portable fans were involved in one-quarter (26%) of the fan fires, 87% of the fan deaths, and 65% of the fan injuries.

Half (49%) 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 2003-2007**



### Air Conditioners

Air conditioning was involved in an average of 2,500 home fires per year in 2003-2007, with an average of

- 13 civilian deaths,
- 101 civilian injuries, and
- \$58 million in direct property damage.

27% 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.

<sup>1</sup>Homes are dwellings, duplexes, manufactured homes, apartments, townhouses, rowhouses, and condominiums.