

Residential Structure Fires

The majority of structure fires in Alaska occur in the home. In 2007, there were **871 reported residential structure fires**. These fires caused an estimated direct loss of **\$57 million**. There were **44 civilian injuries**, **21 civilian deaths** and **29 firefighter injuries** caused by these fires. The total number of reported residential structure fires went down 15% from the 998 reported in 2006.

| Occupancy | Count | % | Civ. Deaths | Civ. Injuries | FF Injuries | Total Dollar Loss |
|--------------------|------------|-------------|-------------|---------------|-------------|---------------------|
| Multifamily | 214 | 25% | 0 | 8 | 2 | \$25,280,924 |
| Rooming Houses | 8 | 1% | 0 | 1 | 0 | \$14,000,000 |
| Hotels & Motels | 24 | 3% | 0 | 0 | 1 | \$1,919,250 |
| 1 & 2 Family Homes | 590 | 68% | 21 | 33 | 26 | \$15,452,013 |
| Dormitories | 8 | 1% | 0 | 0 | 0 | \$220 |
| Unclassified | 27 | 3% | 0 | 2 | 0 | \$477,200 |
| Total | 871 | 100% | 21 | 44 | 29 | \$57,129,607 |

Residential Occupancy Sub-Group Definitions

- **Multifamily Dwellings:** This category includes apartments, condominiums, townhouses, rowhouses and tenements.
- **Rooming Houses:** This category includes residential hotels and shelters.
- **Hotels & Motels:** This occupancy group includes commercial hotels, motels or inns.
- **1 & 2 Family Homes:** This category includes one or two family homes, manufactured homes and mobile homes.
- **Dormitories:** This category includes dormitory type residences and sorority or fraternity houses. It also includes barracks; nurses' quarters, military barracks, monastery/convent, dormitories, bunk houses and workers' barracks.
- **Unclassified:** Any type of residential occupancy that is not defined above.

LEADING CAUSES (Top Five)

The top three leading causes of residential structure fires (excluding unknown which was a reported 30% of all residential structure fires) in 2007 were heating, cooking and other open flame, ember or torch.

2007 Residential Structure Fire Causes

