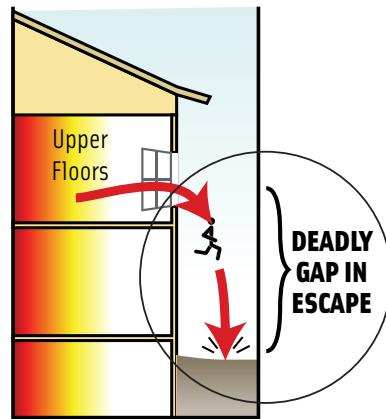


## Don't Get Trapped



## The Problem.

Thousands of people die because they are trapped in residential fires.

## The Solution.

Install permanent escape ladders in upstairs bedrooms.

### Investigation of Fatal Residential Structure Fires with Operational Smoke Alarms • USFA • August 2006

- 50% of fatal residential fires occurred between 10 p.m. and 6 a.m.
- 37% of victims were sleeping at the time of their fatal injury.
- 29% of victims were trying to ESCAPE at the time of their fatal injury.
- 56% of victims were found in a bedroom at the time of their fatal injury.
- Exit problems contributed to the fatality in 36% of the fatalities where a factor contributing to injury was noted
- Approximately 55% of the child fatalities had egress or exit problems.

# Will it be too late for rescue?

UNTENABLE CONDITIONS

**3 Minutes**

FIRE DEPARTMENT ARRIVAL

**6 Minutes**

"In residential fires, the average time to untenable conditions for flaming tests was 3 minutes."

National Institute of Standards and Technology, Technical Note 1455

For 90% of all incidents, the first-due unit shall arrive within 6 minutes total reflex time.

Commission on Fire Accreditation, Inc. (CFAI)

### Fire Loss In The United States During 2005 Michael J. Karter, Jr. • NFPA • July 2006

- 396,000 residential fires, accounting for 77.5% of all structure fires.
- Of the residential structure fires, 287,000 occurred in one- and two-family dwellings, accounting for 56.2% of all structure fires.
- 2,570 civilian fire deaths, accounting for about 70% of all fire deaths, occurred in one- and two-family dwelling fires.