



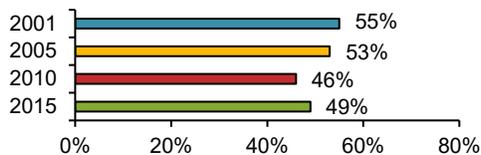
FACT SHEET » RESEARCH *(continued)*

Training

In many fire departments, not all involved personnel have been formally trained in their emergency response duties. Size of need among all departments: percent that perform structural firefighting and EMS need for training was:

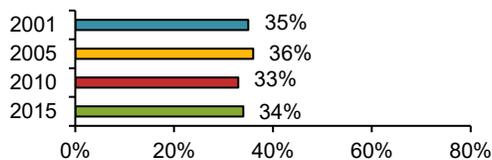
- ▶ 49% for structural firefighting compared to 55% in 2001 and 46% in 2010.

**Size of Need Among All Departments:
Percent That Provide Structural Firefighting**



- ▶ 34% for emergency medical service (EMS) compared to 35% in 2001 and 33% in 2010.

**Size of Need Among All Departments:
Percent That Provide EMS**



Community Risk Reduction

Three-quarters of all departments, or more than half the U.S. population, do not have a hazard mitigation planning risk assessment.

The top three programs or prevention activities ranked in order of need according to population protected are:

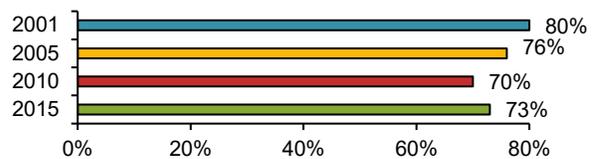
| Program | U.S. Population without a Program |
|----------------------------------|-----------------------------------|
| 1. Wildfire Safety Program | 84% |
| 2. Home Fire Sprinkler Education | 74% |
| 3. Car Seat Installation | 70% |

Fitness and Health

Many fire departments offer no programs to maintain basic firefighter fitness and health. In 2015 the percentage of departments with no such program was:

- ▶ 73% compared to 80% in 2001 and 70% in 2010.
- ▶ 80% of departments do not have a behavioral health program.

**Departments Without a Program
to Maintain Basic Firefighter
Fitness and Health**



Stations and Apparatus

Some stations lack specific features that are required by current standards but were not required when stations were constructed.

- ▶ 35% of fire stations do not have backup power for their fire stations.
- ▶ 59% of fire stations do not have exhaust emission control for their fire stations.
- ▶ 43% of the fire stations are over 40 years old.
- ▶ 76% of departments have too few fire stations.

Cautions on Interpretation

Source: Fourth Needs Assessment of the U.S. Fire Service, NFPA, Research Group, Quincy, MA, November 2016.

Response Rate: Overall, the response rate was 19% with a range of 11% response for fire departments protecting populations less than 2500 to 82% response rate for fire departments protecting populations greater than 500,000.

Trends: Some fire departments that responded in 2015 had not responded in previous years, while some that did not respond had responded in an earlier survey. Consequently, this fact sheet estimates overall fire department needs, but not the needs of an identical group over time because the survey responses did not come from exactly the same fire departments for prior surveys.

Overall Statistic: Due to the high number of fire departments protecting small communities, the overall projected statistic reported in this fact sheet is weighted heavily to data reported by smaller fire departments.

Source: NFPA Research: www.nfpa.org/research
Contact information: 617-984-7451 or research@nfpa.org



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