

NFPA Standards



Responding to The Threat
of Terrorism

Our Mission

*The mission of NFPA, established in 1896, is to reduce the worldwide burden of fire and **other hazards** on the quality of life by providing and advocating consensus codes and **standards, research, training, and education.***



Our Focus

- Emergency Responders
 - Planning, Management, Equipment, Operations, Personnel Protection, Professional Qualifications
 - Occupational Safety and Health
- General Public
 - Life Safety, Egress, Human Behavior, Injury Prevention
- Infrastructure / Private Sector
 - Fire Safety, Property Protection, Structural Integrity, Security
 - Business Continuity/Preparedness



Utilization of Standards

- Preparedness, Response, Resiliency:
 - Hazardous Materials
 - Haz Mat Incident Operations
 - Personal Protective Equipment & Clothing
 - Professional Qualification Standards
 - Fire & Life Safety in the Built Environment
 - Building Egress & Human Behavior
 - Building Construction & Safety



Legacy of Partnerships

- Actively involved since early 1990's
- Terrorism incident investigations:
 - World Trade Center Bombing -1993 & 2001
 - Participated in human behavior studies after both World Trade Center attacks
 - FEMA/BPAT "World Trade Center Building Performance Study" team member
 - Oklahoma City Bombing -1995



Legacy of Partnerships

- Active member and SME on IAB since 1999
- IAB for Equipment Standardization
- InterOperability Section of IAB as member organization and SME



Post 9/11

- Influenced by needs identified through our work with IAB.
- Formed new relationship with DHS; offered to assist with first responder and infrastructure protection related standards
- NFPA 1600 recognized in 9/11 Commission's report; Homeland Security Act, 2004 and 2007 Amendments to the Homeland Security Act



DHS/ANSI Partnership

- DHS adopted 5 NFPA Standards in 2004:
- Today 27 adopted
- 15 received designation and certification by the DHS SAFETY Act Office
- Co-chair ANSI Homeland Security Standards Panel (HSSP)



Today

- NFPA 1561 *Emergency Services Incident Management System*
 - Coordinated with National Incident Management System (NIMS)
- NFPA Signaling Systems Technical Committee
 - Worked with the Air Force to address mass notification systems in NFPA 72 *National Fire Alarm Code*



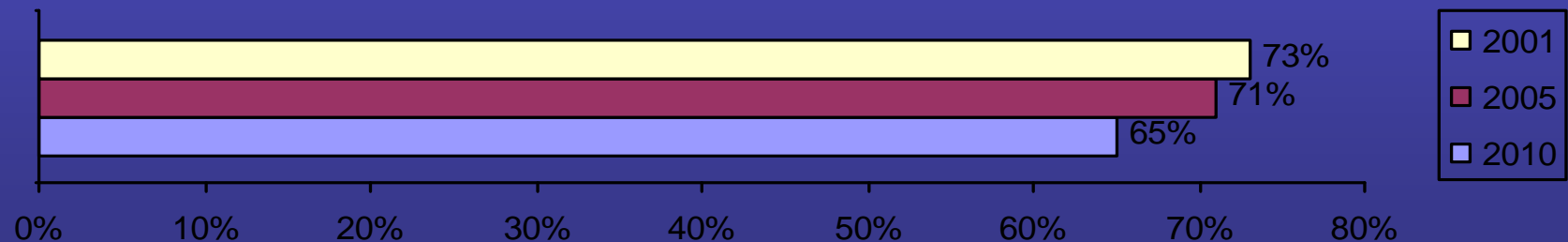
Protecting Responders



Assessing Hazardous Material Response

- 65% of all departments responsible for hazardous material response have *not* formally trained all involved personnel.
- This is down from 73% in 2001 and 71% in 2005.
- The need is decreasing but still substantial.

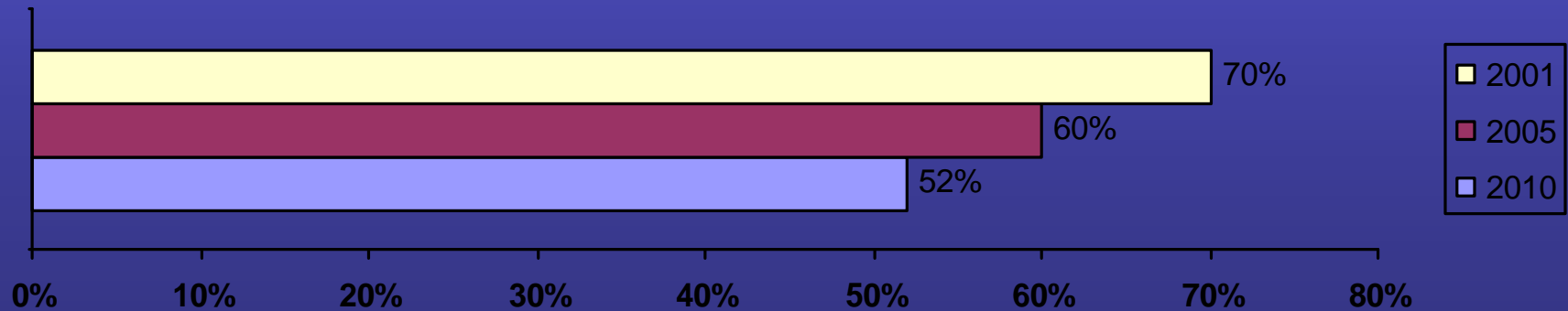
Percent of Departments Performing Hazardous Material Response
for Which Not All Involved Personnel Are Formally Trained



Assessing Respiratory Protection

- 52% of departments do *not* have enough self-contained breathing apparatus (SCBA) to equip all firefighters.
- This is down from 70% in 2001 and 60% in 2005.
- 55% of departments have some SCBA that is at least 10 years old.

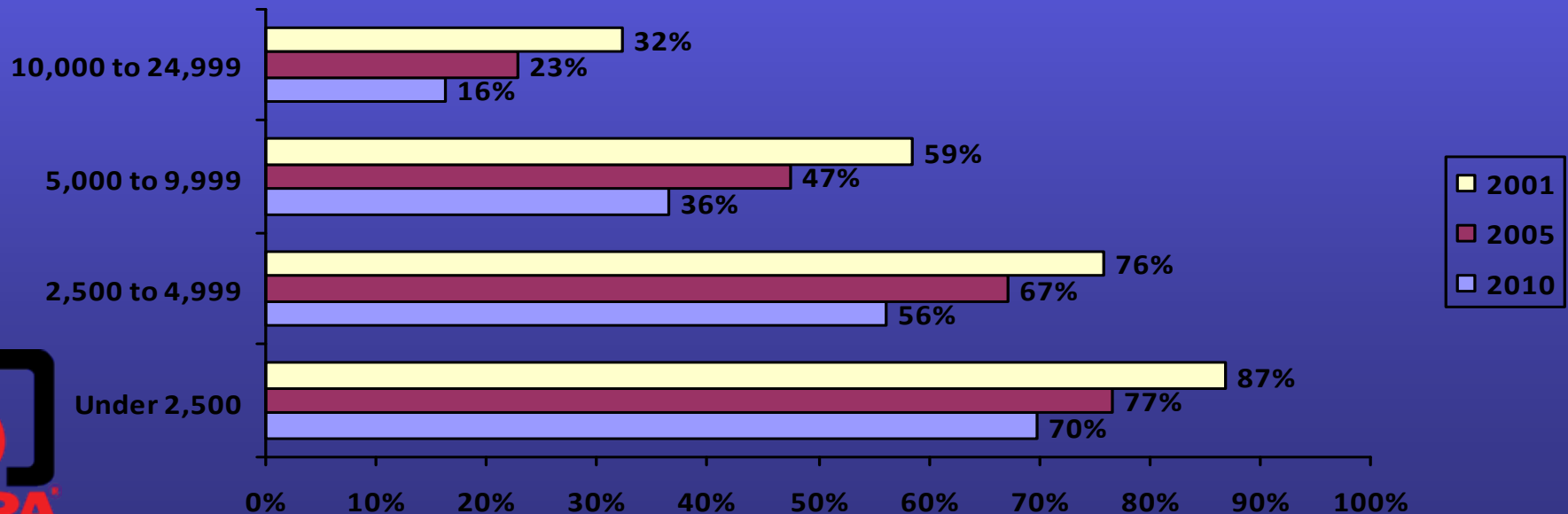
Percent of Departments Where Not All Firefighters
on a Shift Are Equipped With SCBA



Respiratory Protection Gap

- The percent of departments that do *not* have sufficient SCBA rises rapidly for smaller communities.

Percent of Departments Where Not All Firefighters
on a Shift Are Equipped With SCBA



Assessing Chem-Bio Incidents

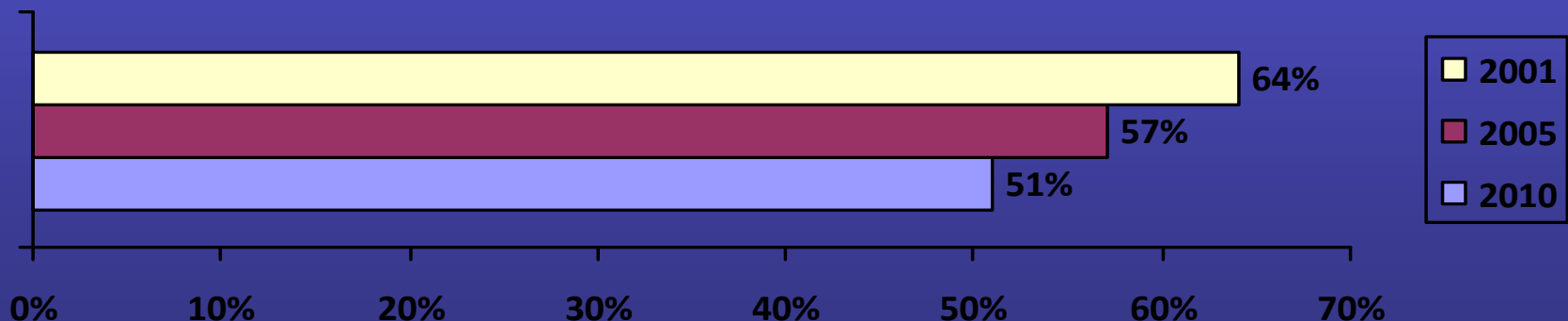
- Chemical/biological agent incident w/ 10 injuries high percentage of departments have responsibility for this challenging incident
- Very few departments can handle this using only local specially trained personnel and local specialized equipment



Assessing Haz Mat/EMS Response

- 51% of departments responsible for hazardous material response and EMS at a chemical/biological agent incident with 10 injuries do *not* have a written agreement for working with others.

Percent of All Departments Responsible for
Chemical/Biological Agent Incident
With 10 Injuries That *Do Not* Have a
Written Agreement for Working With Others



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THANK YOU!

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