

New Hampshire THIRA/SPR Webinar Series

Part 4: THIRA Step 3 – Establishing Capability Targets



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Resources

- U.S. Department of Homeland Security
- Federal Emergency Management Agency
- National Preparedness Directorate
- National Training and Education Division
- Texas A&M Engineering Extension Service (TEEX)
- National Emergency Response and Recovery Training Center (NERRTC)
- New Hampshire Homeland Security and Emergency Management
- Comprehensive Preparedness Guide, 3rd Ed. (May 2018)



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Target Audience

- Law Enforcement
- Fire Service
- Hazardous Materials (HazMat) Responders
- Emergency Medical Services
- Emergency Management
- Public Works
- Health Care
- Public Health
- Governmental Administration
- Public Safety Communications
- Public Elected Officials
- Private Sector and Non-Government Offices*
- Military*

*As requested by host agency



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Learning Objectives

- Discuss considerations for establishing capability targets
- Develop capability targets utilizing standardized target language



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THIRA Process

- The THIRA is a three-step risk assessment completed every 3 years.



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TEXAS A&M ENGINEERING
TEEX
EXTENSION SERVICE

**HOMELAND SECURITY
EMERGENCY MANAGEMENT**
ENSURING SAFETY. PROTECTING COMMUNITIES.

Step 3 of the THIRA Process



- Establish capability targets for each of the 32 core capabilities
 - Some will have multiple target statements
- Set specific goals for the core capabilities in a standardize target language
 - i.e. Within (#) hours of an incident, provide emergency sheltering for (#) people; maintain sheltering operations for (#) days.
 - Completing the (#) is assisted by the relevant impact estimates determined in Step 2



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Establish Capability Targets

- Communities establish capability targets, which describe the level of capability a community plans to work towards achieving, for each of the 32 Core Capabilities
- Communities should view their capability targets as the level of capability they plan to build to
- Communities fill the in the blanks within the standardized target language to create a capability target
- The intent of standardized target language is to create measurable indicators of preparedness



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Establishing Capability Targets

Examples of Standardized Target Language

Within (#) hours of an incident, provide emergency sheltering for (#) people; maintain sheltering operations for (#) days.

Within (#) hours of an incident, provide security and law enforcement services to protect (#) people affected.

Within (#) hours, extinguish (#) structure fires.

Communities fill in the (#) with community-specific numbers



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Impacts, Objectives, & Timeframe Metrics

- Each capability target describes a critical task that helps communities successfully manage a threat or hazard:
 - Based on the activities that emergency managers plan for
 - Define activities that must be performed for a wide variety of threats and hazards, not only the ones identified in the THIRA

Composition of a Capability Target

Within (#) hour(s) of an incident, identify and recover (#) fatalities.

The diagram illustrates the components of the sentence 'Within (#) hour(s) of an incident, identify and recover (#) fatalities.' Three brackets are used to highlight specific parts: a red bracket under 'Within (#) hour(s)' is labeled 'Timeframe metrics'; a green bracket above 'identify and recover' is labeled 'Critical task'; and a blue bracket under '(#) fatalities.' is labeled 'Impact'.



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Impacts and Objectives

- Consider
 - The impacts of their threats and hazards
 - Estimated resource requirements
 - Expected available resources
 - Other relevant factors
- Need to understand the risk posed by the threats and hazards and use that knowledge to inform the impacts included in the capability targets
- Not all capability targets are impact-based
- Some capability focus on preventing an occurrence of or lessening the vulnerabilities that impact the scale of a threat or hazard



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Timeframe Metrics

- Timeframe metrics describe the timeframe or level of effort needed to successfully deliver core capabilities
- Desired outcome metrics:
 - (#) minutes
 - (#) hours
 - (#) days
 - (#) weeks
 - (#) months
 - (#) years
- The answers to these questions will be unique to the capability target in question
- Do not need to be constrained to current ability to meet timeframes or other conditions for success, just identify timeframe would **LIKE** to achieve



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Developing Capability Targets

- Communities:
 - Create capability targets for the core capabilities listed in the NPG
 - Use standardized language and community-specific metrics to construct these targets
- Capability targets define success for each core capability and describe what the community wants to achieve.

Examples: Types of Capability Targets	
Driven by Quantitative Impacts	Driven by Measurable Objectives
Within (#) months of an incident, reopen (#) businesses closed due to the incident.	Coordinate across state, local, and federal communities and integrate with partners, community-wide, to effectively invest (#) % of all available mitigation funding, within (#) years.
Within (#) hours of an incident, complete triage, begin definitive medical treatment, and transfer to an appropriate facility (#) people requiring medical care.	Every (#) months, (#) % of critical infrastructure facilities conduct a risk assessment and accompanying facility security level (FSL) determination for assessing and addressing changes in threats and vulnerabilities.



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Summary

- Guided through the third step of the THIRA process
- Review threat and hazard context and impacts
- Discussed how to establish capability targets to set specific goals for the core capabilities



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