

How Vulnerable are You?: Risk Assessment and Disaster Preparedness

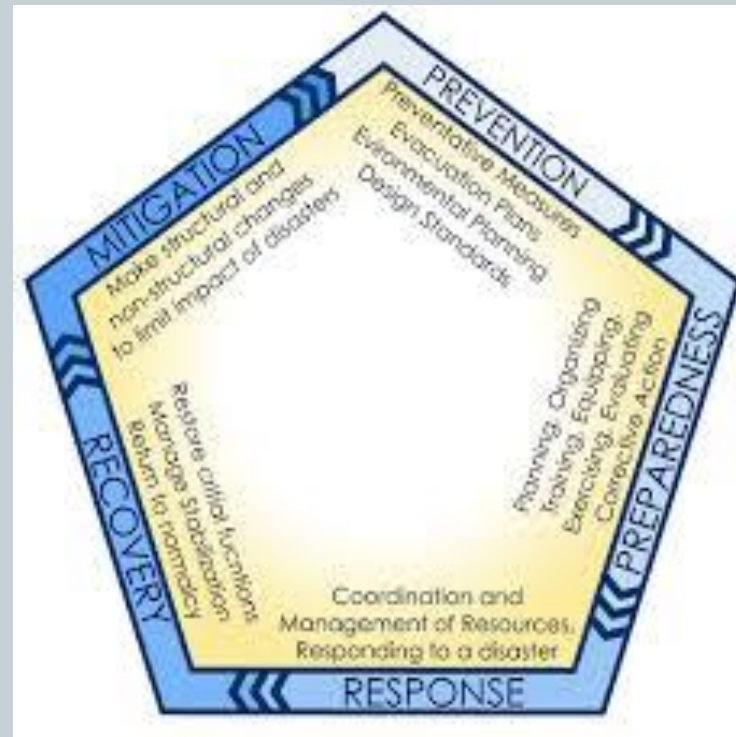


**NEW HAMPSHIRE ARCHIVES GROUP
HISTORICAL SOCIETY OF CHESHIRE COUNTY
KEENE, NH
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A Comprehensive Emergency Management Program

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- Mitigation
- Prevention
- Preparedness
- Response
- Recovery



Risk Assessment

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- Identify the hazards
- Assess the risks
- Implement appropriate measures
- Monitor and reassess the risks

Identify the Hazards: The Site Survey

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- The setting – where are you and who are your neighbors?
- The building – inside and out
- The collections – what do you have and where is it stored?

Identify the Hazards: The Setting

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- Where are you?
 - Geography
 - Urban or rural
- Who shares your building?
- Who are your neighbors?
 - Immediate?
 - 1 block radius?
 - 3 block radius?
 - Further
- What is your infrastructure?
- What is your area's crime rate/statistics?

Types of Hazards

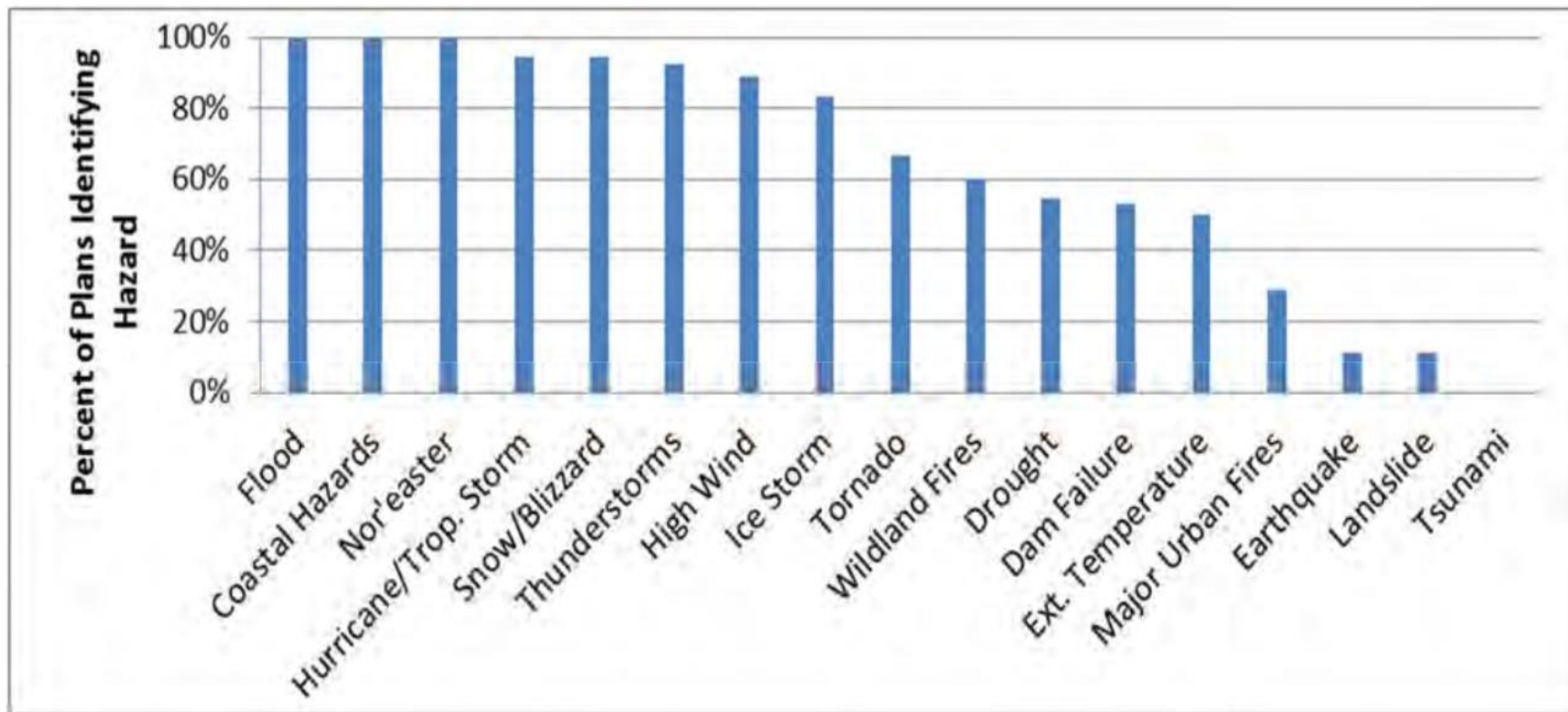
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- Natural
- Industrial/Environmental
- Human
- Technology

Natural Hazards

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Figure 5-2 identifies the most common hazards addressed in the local plans.



Industrial or Environmental Hazards

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- **Local**

- HVAC failure
- Power failure
- Water-main break/Sewer backup
- Industrial accident/fire
- Train derailment/aircraft accident
- Dead batteries in security lighting

- **Statewide**

- Blackout
- Bridge failure
- Commodity shortage
- Dam failure
- Nuclear power station radiological release
- Transportation accidents

Technological Hazards

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- Hacking/cyberterrorism
- Server crash
- Network outage
- Obsolescence

Human Hazards

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- Arson
- Vandalism
- Bomb threat/active shooter
- Theft
- Accident
- Pandemic

Identify the Hazards: The Building

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- **Inside**

- Building hazards, fire protection, maintenance, chemical storage
- Asbestos/lead/PCBs
- Do you have a vault?

- **Outside**

- Landscaping, lighting, maintenance
- Building condition
- Drainage (gutters, downspouts, gravel)
- Knox box – up-to-date?

Identify the Hazards: The Collections

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- What do you have?
- Are any collections hazardous?
- What is the value of your collections?

Probability and Impact

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		Impact				
		Trivial	Minor	Moderate	Major	Extreme
Probability	Rare	Low	Low	Low	Medium	Medium
	Unlikely	Low	Low	Medium	Medium	Medium
	Moderate	Low	Medium	Medium	Medium	High
	Likely	Medium	Medium	Medium	High	High
	Very likely	Medium	Medium	High	High	High

Implement Appropriate Measures

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- Mitigate the risks identified for the building and the setting
- Start with the activities that will be most effective or those related to your most likely risks
 - Some you will be able to eliminate
 - Some you will be able to lessen the potential impact
 - Some you may never be able to address

Building Relationships

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- Make contact
- Build the relationship
- What can you do?
- What should you share?

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