

INSTRUCTIONS:

Evaluate potential for event and response among the following categories using the hazard specific scale.

Issues to consider for **probability** include, but are not limited to:

- 1 Known risk
- 2 Historical data
- 3 Manufacturer/vendor statistics

Issues to consider for **response** include, but are not limited to:

- 1 Time to marshal an on-scene response
- 2 Scope of response capability
- 3 Historical evaluation of response success

Issues to consider for **human impact** include, but are not limited to:

- 1 Potential for staff death or injury
- 2 Potential for patient death or injury

Issues to consider for **property impact** include, but are not limited to:

- 1 Cost to replace
- 2 Cost to set up temporary replacement
- 3 Cost to repair

Issues to consider for **business impact** include, but are not limited to:

- 1 Business interruption
- 2 Employees unable to report to work
- 3 Customers unable to reach facility
- 4 Company in violation of contractual agreements
- 5 Imposition of fines and penalties or legal costs
- 6 Interruption of critical supplies
- 7 Interruption of product distribution

Issues to consider for **preparedness** include, but are not limited to:

- 1 Status of current plans
- 2 Training status
- 3 Insurance
- 4 Availability of back-up systems
- 5 Community resources

Issues to consider for **internal resources** include, but are not limited to:

- 1 Types of supplies on hand
- 2 Volume of supplies on hand
- 3 Staff availability
- 4 Coordination with MOB's

Issues to consider for **external resources** include, but are not limited to:

- 1 Types of agreements with community agencies
- 2 Coordination with local and state agencies
- 3 Coordination with proximal health care facilities
- 4 Coordination with treatment specific facilities

Complete all worksheets including Natural, Technological, Human and Hazmat. The summary section will automatically provide your specific and overall relative threat.

APPENDIX 1 - 2026 HAZARD AND VULNERABILITY ASSESSMENT TOOL
NATURALLY OCCURRING EVENTS

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Tornado	2	1	2	2	2	2	2	41%
Severe Thunderstorm	2	1	2	2	1	2	2	37%
Snow Fall	2	1	1	1	1	1	1	22%
Blizzard	1	1	1	1	1	1	1	11%
Ice Storm	2	2	1	1	1	1	1	26%
Earthquake	1	1	1	1	3	3	3	22%
Temperature Extremes	3	2	1	1	2	2	2	56%
Drought	3	1	1	1	2	2	2	50%
Flood, External	0	0	0	0	0	0	0	0%
Wild Fire	2	1	2	2	2	2	2	41%
Landslide	0	0	0	0	0	0	0	0%
Dam Inundation	1	0	0	0	0	0	0	0%
Epidemic	1	2	1	1	2	2	2	19%
AVERAGE SCORE	1.25	0.81	0.81	0.81	1.06	1.13	1.13	13%

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY		
0.13	0.42	0.32

APPENDIX 1 - 2026 HAZARD AND VULNERABILITY ASSESSMENT TOOL

TECHNOLOGIC EVENTS

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Electrical Failure	1	1	2	2	2	1	1	17%
Generator Failure	1	2	2	3	2	2	1	22%
Transportation Failure	0	0	0	0	0	0	0	0%
Fuel Shortage	1	1	1	3	2	2	2	20%
Natural Gas Failure	1	1	2	3	3	3	3	28%
Water Failure	1	1	1	3	1	1	1	15%
Sewer Failure	1	1	1	3	3	3	3	26%
Steam Failure	0	0	0	0	0	0	0	0%
Fire Alarm Failure	1	1	1	2	2	2	2	19%
Communications Failure	2	2	2	2	2	2	2	44%
Medical Gas Failure	1	2	1	3	3	2	2	24%
Medical Vacuum Failure	1	1	2	3	2	2	2	22%
HVAC Failure	1	2	2	2	2	2	2	22%
Information Systems Failure	2	1	2	2	2	1	2	37%
Fire, Internal	1	2	1	2	1	1	1	15%
Flood, Internal	1	1	1	2	2	2	2	19%
Hazmat Exposure, Internal	1	1	0	2	2	2	2	17%
Supply Shortage	2	2	1	3	2	2	2	44%
Structural Damage	1	1	1	2	2	2	2	19%
AVERAGE SCORE	1.05	1.21	1.21	2.21	1.84	1.68	1.68	19%

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY
0.19 0.35 0.55

APPENDIX 1 - 2026 HAZARD AND VULNERABILITY ASSESSMENT TOOL
HUMAN RELATED EVENTS

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Mass Casualty Incident (trauma)	1	2	0	1	3	2	2	19%
Mass Casualty Incident (medical/infectious)	1	2	0	2	3	2	2	20%
Terrorism, Biological	1	2	1	3	3	2	2	24%
VIP Situation	1	1	0	0	2	2	2	13%
Infant Abduction	1	1	0	0	1	1	1	7%
Hostage Situation	1	1	0	2	2	2	2	17%
Civil Disturbance	1	1	1	2	2	2	2	19%
Labor Action	0	0	0	0	0	0	0	0%
Forensic Admission	0	0	0	0	0	0	0	0%
Cyber Attack	2	1	1	3	2	2	2	41%
Bomb Threat	1	1	1	2	2	2	2	19%
Workplace Violence	1	1	1	1	2	2	2	17%
AVERAGE	1.00	1.20	0.40	1.50	2.00	1.70	1.70	16%

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY
0.16 0.33 0.47

APPENDIX 1 - 2026 HAZARD AND VULNERABILITY ASSESSMENT TOOL
EVENTS INVOLVING HAZARDOUS MATERIALS

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Mass Casualty Hazmat Incident (From historic events at your MC with >= 5 victims)	1	1	1	2	3	3	3	24%
Small Casualty Hazmat Incident (From historic events at your MC with < 5 victims)	1	1	1	2	2	2	2	19%
Chemical Exposure, External	1	1	1	1	2	2	2	17%
Small-Medium Sized Internal Spill	1	1	1	2	2	2	2	19%
Large Internal Spill	1	1	1	2	3	3	2	22%
Terrorism, Chemical	1	1	1	2	3	3	2	22%
Radiologic Exposure, Internal	1	1	1	2	3	3	2	22%
Radiologic Exposure, External	1	1	1	2	3	3	2	22%
Terrorism, Radiologic	1	1	1	2	3	3	2	22%
AVERAGE	1.00	1.00	1.00	1.89	2.67	2.67	2.11	21%

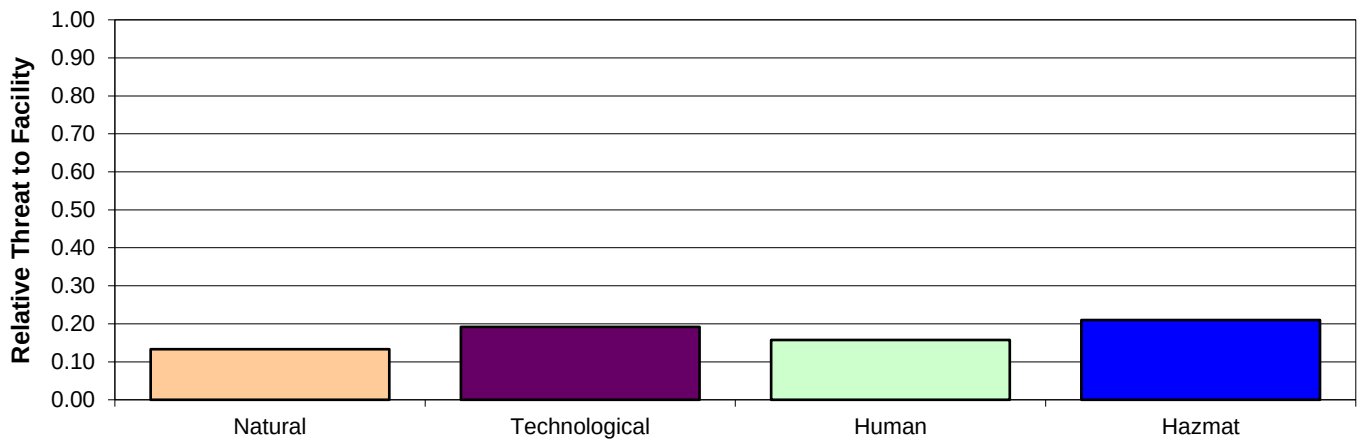
*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY
0.21 0.33 0.63

APPENDIX 1 - 2026 SUMMARY OF MEDICAL FACILITY HAZARDS ANALYSIS

	Natural	Technological	Human	Hazmat	Total for Facility
Probability	0.42	0.35	0.33	0.33	0.36
Severity	0.32	0.55	0.47	0.63	0.48
Hazard Specific Relative Risk:	0.13	0.19	0.16	0.21	0.17

Hazard Specific Relative Risk to Medical Facility



Probability and Severity of Hazards to Medical Center

