

Note: This is the 508 compliant PDF of the tool. Please contact ASPR TRACIE for the [Excel file](#) by email (askasprtracie@hhs.gov) or telephone (1-844-5-TRACIE; 1-844-587-2243).

Midlands Regional HVA 2017 (6/2/17)

EVENT	Probability	Severity = Magnitude + Mitigation						SEVERITY	RISK (Severity x Probability)/54	
		Magnitude (negative consequences of event)			Mitigation					
	Likelihood this will occur	Human Impact	Property Impact	Business Impact	Regional Preparedness	Internal Resources	Regional Resources	Relative Impact if this event occurs	Relative Threat	
SCORE	0 = None 5 = Minimal 1 = Low 2 = Moderate 3 = High	0 = None 5 = Low 1 = Minimal 2 = Moderate 3 = High	0 = \$0 1 = Low 2 = Moderate 3 = High	0 = None 1 = Low 2 = Moderate 3 = High	0 = n/a 1 = High 2 = Moderate 3 = Low	0 = n/a 1 = High 2 = Moderate 3 = Low	0 = n/a 1 = High 2 = Moderate 3 = Low	6 to 18	0 - 100% (Natural, Facility & Technological); 0 - 54 (MCI & Manmade)	
Natural Events	Earthquake likely to cause structural damage	1	2	2	2	2	2	2	12	22%
	Flood with potential for disruption/harm	3	1	3	3	1	2	2	12	67%
	Heat Wave	2	1	1	1	2	3	2	10	37%
	Hurricane/Tropical Storm	3	1	2	2	2	2	2	11	61%
	Ice Storm	2	1	2	2	2	2	2	11	41%
	Infectious Disease Pandemic	2	2	1	2	2	2	1	10	37%
	Large Wild Fire	1	2	1	1	2	2	1	9	17%
	Severe Thunderstorm	3	1	1	1	1	2	1	7	39%
	Tornado or Microburst	3	1	2	1	2	2	2	10	56%
	Winter Weather Event	2	1	1	2	2	2	2	10	37%
Air Quality/Pollution	3	0.5	1	1	3	2	2	9.5	53%	
MCI & Man-Made Events	Armed Individual/Active Shooter incident	2	1	1	2	1	2	1	8	30%
	Attack biological weapons	0.5	2	1	2	2	2	2	11	10%
	Attack with chemical weapons	0.5	2	2	2	2	2	2	12	11%
	Incident General Injuries / Trauma (MCI)	2	1	1	1	1	2	1	7	26%
	Major HazMat Incident	2	2	3	3	2	2	2	14	52%
	MCI from explosives involving radiological materials	0.5	1	2	2	2	2	2	11	10%
	Mental Health Type Incident	3	2	2	2	2	2	2	12	67%
	Nuclear Event	0.5	2	2	2	2	2	2	12	11%
VBIED or IED	3	1	1	2	1	2	2	9	50%	
Facility & Technological Events	Cyber Terrorism	3	0	2	2	2	2	2	10	56%
	Fuel Shortage	1	0	2	2	2	2	2	10	19%
	Massive Transportation Disruption / Failure	2	1	1	2	2	2	2	10	37%
	Regional Communications Disruption	3	0	1	2	1	2	2	8	44%
	Regional Electrical Failure (i.e. blackout)	1	1	2	2	2	2	2	11	20%
	Regional Natural Gas Disruption	1	0.5	1	2	2	2	2	9.5	18%
	Regional Sewer / Water Treatment Failure	2	1	3	3	2	2	2	13	48%
	Regional Water Disruption / Interruption	2	1	3	3	2	2	2	13	48%

Regionally agreed on KEY

Probability for Naturally Occurring or Facility/Technological:

- 0 = Event has never occurred in the region
- .5= Event has occurred at some point in the region
- 1 = Event has occurred in the region within the last 10 years
- 2 = Event has occurred in the region within the last 5 years
- 3 = Event has occurred in the region within 12 months

Probability for Manmade or MCI

- .5= Event has occurred somewhere on globe
- 1 = Event has occurred in the region or a similar region within 5 - 10 years
- 2 = Event has occurred in the region or similar region within the last 5 years
- 3 = Event has occurred in the region or similar region within 12 months

Magnitude

Human Impact:

- 0 = Event is likely to produce no patient surge
- .5 = Event is likely to produce patient surge less than 20
- 1 = Event is likely to produce patient surge between 20 - 50
- 2 = Event is likely to produce patient surge between 50 - 100
- 3 = Event is likely to produce patient surge greater than 100

Property Impact:

- 0 = Event is likely to produce no negligible response costs.
- 1 = Event is likely to produce damages or additional response costs between \$1 and \$100k.
- 2 = Event is likely to produce damages or additional response costs between \$100k and \$500k.
- 3 = Event is likely to produce damages or additional response in excess of \$500k.

Business Impact:

- 0 = Event is not likely to create any disruption of normal operations at facilities within region.
- 1 = Event is likely to disrupt normal operations at facilities within region for up to 24 hrs.
- 2 = Event is likely to disrupt normal operations at facilities within region for 2 to 3 days.
- 3 = Event is likely to disrupt normal operations at facilities within region for more than 3 days.

Mitigation

Regional Preparedness:

- 0 = not applicable
- 3 = Event is covered by regional all-hazards plan but has no functional annex and has not been exercised
- 2 = Event is covered by regional all-hazards plan and has been exercised at least once.
- 1 = Event has a functional annex or has been exercised in the last 12 months.

Internal Resources:

- 0 = N/A
- 3 = Minimal resources exist at the facility level to respond to this event.
- 2 = Moderate resources exist at the facility level to respond to this event.
- 1 = Sufficient resources exist at the facility level to respond to this event.

External Resources:

- 0 = N/A
- 3 = Minimal resources exist at the regional level to respond to this event.
- 2 = Moderate resources exist at the regional level to respond to this event.
- 1 = Sufficient resources exist at the regional level to respond to this event.