

Midlands Regional HVA 2021 (7/9/21)

EVENT	Probability	Severity = Magnitude + Mitigation						SEVERITY	RISK ((Severity x Probability)/54)	
		Magnitude (negative consequences of event)			Mitigation					
	Human Impact	Property Impact	Business Impact	Regional Preparedness	Internal Resources	Regional Resources	Relative Impact if this event occurs	Relative Threat		
	Likelihood this will occur	Possibility of Patient Surge	Response Costs and Damages	Interruption of Services	Pre-planning	Type, Volume and Availability of Resources			Type, Volume and Availability of Resources	
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 Events	Earthquake likely to cause structural damage	2	2	2	2	2	2	2	12	44%
	Flood with potential for disruption/harm	3	1	3	3	1	2	2	12	67%
	Heat Wave	3	1	1	1	2	3	2	10	56%
	Hurricane/Tropical Storm	3	3	2	2	2	2	2	13	72%
	Ice Storm	2	1	2	2	2	2	2	11	41%
	Infectious Disease Pandemic	3	3	2	3	1	3	3	15	83%
	Large Fire	1	2	2	1	2	2	1	10	19%
	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	3	1	1	2	2	2	1	9	50%
	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)	3	1	1	1	1	2	1	7	39%
	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%
	Increased need for Mental Health Treatment/Care	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	2	2	2	10	56%	
Facility & Technological Events	Cyber Terrorism	3	1	3	3	2	2	2	13	72%
	Fuel Shortage	3	0	2	3	2	2	2	11	61%
	Massive Transportation Disruption / Failure	3	1	1	2	2	2	2	10	56%
	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%