

**The Legacy 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%
Terrorism, Chemical	1	3	3	3	2	1	2	26%
Terrorism, Radiologic	1	2	2	2	1	2	2	20%
Mass Casualty Hazmat chemical Incident <i>(From historic events at your MC with >= 5 victims)</i>	1	2	2	3	1	1	1	19%
Small Casualty Hazmat chemical Incident <i>(From historic events at your MC with < 5 victims)</i>	1	2	1	2	1	1	1	15%
Large Internal Spill	1	1	2	2	1	1	1	15%
Small-Medium Sized Internal Spill <i>(minimal human impact)</i>	1	1	1	1	1	1	1	11%
Radiologic Exposure, Internal	1	1	1	0	1	1	1	9%
Radiologic Exposure, External	0	0	0	0	0	0	1	0%
AVERAGE	0.78	1.33	1.33	1.44	0.89	0.89	1.11	10%

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY		
0.10	0.26	0.39