Kaiser Permanente

Emergency Management

Hazards - 2023 NSPA Regional HVA
Hazard Vulnerability Assessment Tool

Alert Type	PROBABILITY	(MAGNITUDE - MITGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
SCORE	0 = N/A 1 = Low 2 = Moderate	0 = N/A 1 = Low 2 = Moderate	0 = N/A 1 = Low 2 = Moderate	0 = N/A 1 = Low 2 = Moderate	0 = N/A 1 = High 2 = Moderate	0 = N/A 1 = High 2 = Moderate	0 = N/A 1 =High 2 = Moderate	0 - 100%
	Likelihood this will occur	Possibility of death or injury	Physical losses and damages	Interuption of services	Preplanning	Time, effectiveness, resources	Community/Mutual Aid staff and supplies	* Relative threat
Epidemic / Pandemic	3	3	1	2	1	1	1	30%
Power Outage	3	1	1	2	1	2	2	30%
Severe Weather Event (i.e., Blizzard, Ice Storm)	3	1	2	2	1	1	1	27%
Tornado / Microburst	2	2	2	3	2	1	2	27%
Cyber Attack (i.e., loss of technology, information systems, etc.)	2	1	1	3	2	2	2	24%
Pharmaceutical Shortage	2	2	1	2	2	2	2	24%
Supply Chain Interruption / Disruption	2	2	1	2	2	2	2	24%
Civil Disturbance / Unrest	2	2	1	1	2	2	2	22%
Communications Failure	2	1	1	2	2	2	2	22%
Heat Wave	2	2	1	1	2	2	2	22%
HVAC Failure	2	1	1	2	2	2	2	22%
Violent Situation (other than active shooter)	2	2	1	1	2	2	2	22%
Water Disruption / Failure	2	1	1	2	2	2	2	22%
Acts of Intent (i.e., Criminal Activity)	2	1	1	1	2	2	2	20%
Electrical Failure	2	1	1	1	2	2	2	20%
Patient Surge / Capacity	2	1	1	2	2	1	2	20%
Suspicious Odor	2	1	1	1	2	2	2	20%
Nuclear Attack	1	3	3	3	3	3	2	19%
Act of Terrorism	1	3	2	3	3	2	2	17%
Biological Weapon Attack	1	3	1	3	3	3	2	17%
Explosion	1	3	3	3	2	2	2	17%
Active Shooter	1	3	1	3	2	2	2	14%
Bomb Threat	1	2	2	2	2	2	2	13%
Drought	1	1	1	1	3	3	3	13%
Earthquake - Moderate (6.5+ on Richter Scale)	1	1	1	3	3	2	2	13%
Mass Casualty Incident	1	3	1	2	2	2	2	13%
Space Weather	1	1	1	1	3	3	3	13%
Chemical Weapon attack	1	1	1	1	3	3	2	12%
Landslide	1	1	1	1	3	3	2	12%
Large Internal Spill	1	1	1	1	3	3	2	12%
Massive Transportation Disruption / Failure	1	1	1	2	3	2	2	12%
Radiological Exposure EXTERNAL	1	1	1	1	3	3	2	12%
Radiological Exposure INTERNAL	1	1	1	1	3	3	2	12%
Evacuation	1	1	1	2	2	2	2	11%
Flooding INTERNAL	1	1	1	2	2	2	2	11%
Fuel Shortage	1	1	1	2	2	2	2	11%
Hurricane / Tropical Storm	1	1	2	1	2	2	2	11%
Sewage Failure	1	1	1	1	3	2	2	11%
Suspicious Package / Substance	1	1	1	2	2	2	2	11%
Wildfire	1	1	2	1	2	2	2	11%
Chemical Exposure EXTERNAL	1	1	1	1	2	2	2	10%
Chemical Exposure INTERNAL	1	1	1	1	2	2	2	10%
Earthquake - Moderate (5 to 6.5 on Richter Scale)	1	1	1	1	2	2	2	10%
Fire EXTERNAL	1	1	1	2	2	2	1	10%
Fire INTERNAL	1	2	2	2	1	1	1	10%
Flooding EXTERNAL	1	1	1	1	2	2	2	10%
Gas . Emissions Leak	1	1	1	1	2	2	2	10%
Generator Failure	1	1	1	2	2	1	2	10%
HazMat Exposure	1	1	1	1	2	2	2	10%
Incident General Injuries / Trauma (i.e., Major Car Pileup)	1	1	1	1	2	2	2	10%
Medical Gas Disruption / Failure	1	1	1	0	3	2	2	10%
Natrual Gas Disruption / Failure	1	1	1	1	2	2	2	10%
Other Utility Failure (i.e., elevator, pneumatic tube system, etc.)	1	1	1	1	2	2	2	10%
Transportation Failure	1	1	1	1	2	2	2	10%
Hostage Situation	1	1	1	1	2	2	1	9%
Infant / Child Abduction	1	1	1	1	2	2	1	9%
Small - Medium Sized Internal Spill	1	1	1	1	2	1	2	9%
Dam Failure / Inundation	1	1	1	1	2	0	2	8%
Fire Alarm Failure	1	1	1	1	1	1	1	7%
Steam Failure	0	0	0	0	0	0	3	0%