

# HAZARD VULNERABILITY ANALYSIS

## INSTRUCTIONS:

Evaluate every potential event in each of the three categories of probability, risk, and preparedness. Add additional events as necessary.

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 risk include, but are not limited to:

1. Threat to life and/or health
2. Disruption of services
3. Damage/failure possibilities
4. Loss of community trust
5. Financial impact
6. Legal issues

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

Multiply the ratings for each event in the area of probability, risk and preparedness. The total values, in descending order, will represent the events most in need of organization focus and resources for emergency planning. Determine a value below which no action is necessary. Acceptance of risk is at the discretion of the organization.

EVENT	PROBABILITY				RISK					PREPAREDNESS			TOTAL
	HIGH	MED	LOW	NONE	LIFE THREAT	HEALTH/ SAFETY	HIGH DISRUP-TION	MOD DISRUP-TION	LOW DISRUP-TION	POOR	FAIR	GOOD	
SCORE	3	2	1	0	5	4	3	2	1	3	2	1	
<b>NATURAL EVENTS</b>													
Hurricane													
Tornado													
Severe Thunderstorm													
Snow fall													
Ice Storm													
Earthquake													
Storm Surge													
Temperature Extremes													
Drought													
Flood, External													
Wild Fire													
Epidemic/Pandemic													



EVENT	PROBABILITY				RISK					PREPAREDNESS			TOTAL
	HIGH	MED	LOW	NONE	LIFE THREAT	HEALTH/SAFETY	HIGH DISRUPTION	MOD DISRUPTION	LOW DISRUPTION	POOR	FAIR	GOOD	
SCORE	3	2	1	0	5	4	3	2	1	3	2	1	
<b>TECHNOLOGICAL EVENTS</b>													
Electrical Failure													
Generator Failure													
Transportation Failure													
Fuel Shortage													
Natural Gas Failure													
Water Failure													
Sewer Failure													
Steam Failure													
Fire Alarm Failure													
Communications Failure													
Medical Gas Failure													
Medical Vacuum Failure													
HVAC Failure													
Information Systems Failure													
Fire, Internal													
Flood, Internal													
Hazmat Exposure, Internal													
Unavailability of Supplies													
Structural Damage													
Other													



EVENT	PROBABILITY				RISK					PREPAREDNESS			TOTAL
	HIGH	MED	LOW	NONE	LIFE THREAT	HEALTH/ SAFETY	HIGH DISRUP-TION	MOD DISRUP-TION	LOW DISRUP-TION	POOR	FAIR	GOOD	
SCORE	3	2	1	0	5	4	3	2	1	3	2	1	
<b>HUMAN EVENTS</b>													
Mass Casualty Incident (trauma)													
Mass Casualty Incident (medical)													
Mass Casualty incident (hazmat)													
Hazmat Exposure, External													
Terrorism, Chemical													
Terrorism, Biological													
VIP Situation													
Infant Abduction													
Hostage Situation													
Civil Disturbance													
Labor Action													
Forensic Admission													
Bomb Threat													
Other													

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