

RISK ASSESSMENT AND VULNERABILITY ANALYSIS

County Department: _____

Please identify what hazard or situation would cause your department to activate your Continuity of Operations (COOP) Plan?

Below are some examples of naturally occurring events or hazardous incidents

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 & damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, Effectiveness, resources</i>	<i>Community/ Mutual Aid staff & supplies</i>	Relative threat*
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%
Epidemic	1	3	0	3	1	1	2	2
Flood, External	2	1	2	3	2	1	2	2
Hazardous Material	2	1	2	3	1	1	2	4
Hurricane	1	2	3	3	1	2	2	3
Power Outage								0
Structural Fires	1	3	3	3	1	1	1	6
Terrorism								0
Tornado								0
Wild Fire								0
								0
AVERAGE SCORE	7.00	10.00	10.00	15.00	6.00	6.00	9.00	17

examples:

$1 * (6-4) = 2$

$2 * (6-5) = 2$

$2 * (6-4) = 4$

$1 * (8-5) = 3$

$1 * (9-3) = 6$

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY