

Risk Assessment

Jurisdiction: Yakima County Unincorporated
 Date Completed: October, 2014
 Completed by: Technical Advisory Group (TAG)

Type of Hazard	Historical Occurrence	Prob. of Occurrence	Human Impact	Property Impact	Business Impact	Mitigation Activities	Internal Resources	External Resources	Total
Natural/Technological									
Earthquake	3	1	1	1	1	1	1	1	1.4
Flood	4	4	3	3	4	4	3	3	3.8
Hazardous Materials	2	2	2	2	3	2	3	4	1.9
Landslide	2	2	3	3	3	1	3	4	2.4
Severe Winter Storm	4	4	2	1	2	1	1	1	3.4
Severe Wind Storm	2	2	1	1	1	1	1	1	1.7
Volcanic Eruption	1	1	2	2	2	1	4	5	0.9
Wildland Fire	4	4	2	2	2	2	4	5	2.8
Dam break	0	1	5	5	5	1	5	3	2.8

Summary: This tool looks at an organization's or a community's vulnerability to the effects of various hazards. Using a scale of 1 to 5, the

Instructions:

Score each hazard based on a scale of 0 to 5 with 5 being the highest.

Add or delete hazards as required based on your analysis.

Historical Occurrence: Based on number of occurrence in the last 20 years. Maximum is 5; if a new hazard use 0.

Probability: Score 1 if less than 1%, 2 if less than 5%, 3 if less than 10%, 4 if less than 20%, and 5 if greater than 20%.

Impact: Based on "worst-case scenario" - greatest possible impact should worst-case event occur.

Final Step: Sort the Total Column in descending order once scoring is completed.

Analysis Results:

High Risk: Greater than 3.5

Medium Risk: 2.0 to 3.5

Low Risk: Less than 2