

Table 2-1 County Hazard Analysis Matrix

Hazard	Rating Criteria with Weight Factors				Total Score
	History ¹ (WF=2)	Vulnerability ² (WF=5)	Max Threat ³ (WF=10)	Probability ⁴ (WF=7)	
<i>Score for each rating criteria = Rating Factor (High = 10 points; Moderate = 5 points; Low = 1 point) X Weight Factor (WF)</i>					
Earthquake	10	10	10	10	240
Flood	10	5	10	10	215
Severe Weather	10	10	10	10	240
Civil Disorder/ Terrorism	1	10	10	5	187
Dam Failure	1	10	10	1	159
Transportation Accident Hazmat	1	5	5	10	147
Wildland Interface Fire	1	5	5	5	112
Volcanic Eruption	1	5	5	1	84
Notes:					
1. History addresses the record of previous major emergencies or disasters. Weight Factor is 2. Rating factors: high = 4 or more events in last 100 years; moderate = 3 events in last 100 years; low = 1 or 0 events in last 100 years.					
2. Vulnerability addresses the percentage of population or property likely to be affected by a major emergency or disaster. Weight Factor is 5. Rating factors: high = more than 10% affected; moderate = 1%-10% affected; low = less than 1% affected.					
3. Maximum Threat addresses the percentage of population or property that could be affected in a worst case incident. Weight Factor is 10. Rating factors: high = more than 25% could be affected; moderate = 5%-25% could be affected; low = less than 5% could be affected.					
4. Probability addresses the likelihood of a future major emergency or disaster within a specified period of time. Weight Factor is 7. Rating factors: high = one incident within a 10-year period; moderate = one incident within a 50-year period; low = one incident within a 100-year period.					