



Completing the Hazards and Vulnerability Assessment Worksheet

Use the matrix to calculate risk. $Probability \times Severity = Risk$ (Severity = Impact + Resources)

Total each hazard. The *higher* the calculated risk, the higher the priority to mitigate.

1. List hazards in first column.

2. Estimate the probability

based on history and other known facts.

3. Assess the potential *human* impact

by estimating the possibility of death or injury.

4. Assess the potential *property* impact

considering potential losses and damages

- Cost to replace
- Cost to temporarily replace
- Cost to repair

5. Assess the potential *business* impact

- Business functions
- Operations
- Service or supply chain
- Product distribution
- Revenue streams
- Reputation
- Fines, penalties, and legal expenses
- Employees unable to report to work
- Site(s) inaccessible to customers
- Contract violations

6. Assess Internal and External Resources

- Do response and recovery resources exist internally?
- Will external resources respond as quickly and effectively as needed?

The HVA assists to develop various plans, and your training, and exercise efforts