

Hazard Vulnerability Analysis (HVA)

Description: Conduct an HVA of [assigned community] with a team as determined using the [Kaiser Permanente Tool](#), then prepare a related briefing document in the form of a summary.

Objective: To be able to evaluate a hazard mitigation plan (HMP) through a critical-thinking lens by identifying gaps and making appropriate disaster risk reduction recommendations for the community. The latter will be fleshed out in the second activity (HMP Analysis).

Read-ahead and reference materials:

- [Local Government Self-Assessment Tool](#)
- [Local Mitigation Planning Handbook](#)

Tool/Assignment Tip: Keep in mind that although this tool was created for a hospital, for this assignment it will be used for the purpose of evaluating a community. Therefore, while conducting the HVA, imagine yourself as a member of a local planning team.

Instructions:

- (1) Before starting the HVA tool, be sure to read the instruction tab (found at the bottom of the Excel spreadsheet).
- (2) For this assignment, complete only the rows/columns of the Natural Hazards tab.
- (3) If it has been determined that a hazard does not exist in the assigned community, this should be reflected on the HVA with the following score: 0=N/A.
- (4) After scoring each event of any row, be sure to click on the pre-populated score in the Risk field, column I. By doing so, that number will increase.
- (5) Each team will be required to identify the most current HMP of their respective community to ascertain the hazards, historical occurrences, frequency, and other critical variables that will influence the scoring of each category.
- (6) Using the HMP as a research starting point, your team will then have to assess the community's vulnerability of risk in relation to the respective hazards indicated in the HMP.
- (7) Finally, write a one- to two-page summary using the HVA matrix as a foundation. Explain to the reader that an HVA of (name) jurisdiction was conducted using tool (name) and explain what was covered. Describe hazard categories, findings (percentages), observations, and gaps. In sum, as a "planning team", you are responsible for presenting this information to policymakers. What should you highlight in terms of strengths and weaknesses? Which hazards pose the biggest risks to the community's residents? Where is the level of preparedness already strong? Where should the community divert more resources?

Grading Assessment

1=not present 2=needs extensive revision 3=satisfactory 4=strong 5=outstanding

Identification of hazards germane to the community	1	2	3	4	5
Understanding of the community	1	2	3	4	5
Choices and use of evidence reflected in scoring levels	1	2	3	4	5
Integration of read-ahead/reference materials	1	2	3	4	5
Organization and use of assignment format	1	2	3	4	5
Comments:					
Final Grade _____					