

Risk Priority Index Exercise

Please assign each of the following three categories (Hazard Frequency, Impacts on Life & Health and Impacts on Property & Infrastructure) a point value of 1, 2, 3 or 4 based on the factors found in the attached Risk Priority Index Scoring System. The higher the point value, the greater the risk associated with that hazard. ***If you feel the hazard is not applicable to your jurisdiction, please assign a value of "NA" to each of the three categories associated with that hazard.***

Jurisdiction/Organization Represented: _____

Hazard	Category		
	Hazard Frequency	Impacts on Life & Health	Impacts on Property & Infrastructure
Natural Hazards			
Dam Failures			
Drought			
Earthquakes			
Excessive Heat			
Extreme Cold			
Floods			
Hail			
Heavy Rain			
Landslides			
Levee Failures			
Lightning			
Mine Subsidence			
Thunderstorms with Damaging Winds			
Tornadoes			
Wildfires			
Winter Storms (snow, ice, sleet)			
Man-Made Hazards			
Hazardous Materials Incidents: Transportation (highway, rail, etc.)			
Hazardous Materials Incidents: Fixed Facilities (Storage/Generation)			
Terrorism			

Risk Priority Index Scoring System

Category	Factors	Point Value
Hazard Frequency	An event is anticipated to occur within the next year. Based on previous history, at least one event is expected to occur in any given year.	4
	An event is likely to occur in the next 1 to 3 years. Based on previous history, an event has at least a 33% chance of occurring in any given year.	3
	An event is possible in the next 3 to 10 years. Based on previous history, an event has a 10% to 33% chance of occurring in any given year.	2
	An event is unlikely to occur within the next 10 years. These events occur infrequently and based on previous history have a less than 10% chance of occurring in any given year.	1
Impacts on Life & Health	Fatalities are expected to occur during the event.	4
	While fatalities are unlikely, injuries, some requiring hospitalization, may occur during the event.	3
	Minor injuries not requiring hospitalization may occur during the event.	2
	Injuries or fatalities are unlikely to occur during the event.	1
Impacts on Property & Infrastructure	- Substantial property damage is likely to occur including damage to infrastructure and critical facilities. AND/OR - Loss of access/operations at multiple infrastructure and critical facilities (i.e., road & school closures, loss of power to drinking water/wastewater treatment facilities, municipal buildings, etc.) is anticipated for an extended period of time (i.e., a day or more).	4
	- Property damage is expected to occur including superficial damage to infrastructure and critical facilities. AND/OR - Loss of access/operations at multiple infrastructure and critical facilities is anticipated for a period of time (i.e., a day or less).	3
	- Some minor property damage is anticipated (i.e., shingles & siding torn off homes, windows broken, etc.) but no damage to infrastructure or critical facilities is anticipated. AND/OR - Loss of access/operations to infrastructure and critical facilities is anticipated but only for a short period of time (i.e. up to a couple hours).	2
	Property damage is likely to be negligible and no loss of access/operations is anticipated at any infrastructure/critical facilities during the event.	1