

CHV General Hazard Vulnerabilities

EVENT	PROBABILITY	CONSEQUENCES- SEVERITY (MAGNITUDE- MITIGATION)							RISK	
		HUMAN HEALTH IMPACT	BUSINESS IMPACT - COOP	COMMUNITY SOCIETAL IMPACT	PROPERTY IMPACT	PREPARED- NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE		
	<i>likelihood this will occur</i>	<i>possibility of death, injury</i>	<i>interruption of services</i>	<i>population behavior</i>	<i>Physical losses, damages</i>	<i>preplanning</i>	<i>time, effectiveness, resources</i>	<i>community, mutual aid, staff, supplies</i>	<i>Relative Threat</i>	
SCORE	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	1= Completed 2= Elements Missing 3= Not Started	1= Completed 2= Elements Missing 3= Not Started	1= Completed 2= Elements Missing 3= Not Started	
NATURAL HAZARDS										
BIOLOGICAL										
Epidemic/ Pandemic	1	3	1	3	NA				9	
Plague	0	1	0	1	0				0	
Foreign Animal Disease	0	0	0	0	0				0	
ATMOSPHERIC										
Extreme Temp- Hot	3	3	1	2	NA				18	
Extreme Temp- Cold	1	1	1	1	NA				1	
Winter Storm/ Blizzard	2	1	2	1	1				4	
Severe Weather Thunderstorm	2	1	1	1	2				4	
Tornado	0								0	
Hurricane	1	1	1	1	1				1	
Severe Wind	1	1	1	1	1				1	
GEOLOGICAL										
Avalanche	0								0	
Landslide/ Mudslide	0								0	
HYDROLOGIC										
Drought	0								0	
Flooding	1	1	1	1	2				2	
Coastal Erosion	0								0	
SEISMIC										
Earthquake	1	1	1	1	2				2	
Tsunami	0								0	
Other										
Wild Fire	0								0	
TECHNOLOGICAL HAZARDS										
Biological										
Food, Water Contaminaton	1	2	1	2	1				4	
Accidental Release of communicable Diseases	0								0	
Chemical										
Chemical Incident	1	2	1	1	1				2	
Nerve agent release	1	2	1	1	1				2	
Choline tank explosion	1	2	1	1	1				2	
Toxic Industrial/ Chemical Spill	1	1	1	1	1				1	
Nuclear										
Nuclear Incident	1	3	3	3	3				81	
Environmental										
Air Pollution/ Air Quality	2	2	1	2	NA				8	
Operational										
Electrical Power Failure	1	2	2	1	1				4	
Comms Failure	1	1	2	2	1				4	
Water Failure	1	2	2	1	1				4	
Cyber Malfunction	1	1	2	2	1				4	
Transportation	3	2	2	1	1				12	
Information System Failure	2	2	1	1	1				4	
Dam/ Leveeee Failure	0								0	
Structural Fire	1	2	2	1	3				12	

CHV Prioritized Hazard Vulnerabilities

EVENT	PROBABILITY	CONSEQUENCES- SEVERITY (MAGNITUDE- MITIGATION)							RISK	
		HUMAN HEALTH IMPACT	BUSINESS IMPACT - COOP	COMMUNITY SOCIETAL IMPACT	PROPERTY IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE		
	<i>likelihood this will occur</i>	<i>possibility of death, injury</i>	<i>interruption of services</i>	<i>population behavior</i>	<i>Physical losses, damages</i>	<i>preplanning</i>	<i>time, effectiveness, resources</i>	<i>community, mutual aid, staff, supplies</i>	<i>Relative Threat</i>	
SCORE	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	0= NA 1= Low 2= Moderate 3=High	NA 1= Completed 2= Elements Missing 3= Not Started	NA 1= Completed 2= Elements Missing 3= Not Started	NA 1= Completed 2= Elements Missing 3= Not Started	

Hazards with very low Probability and High Consequences. Universal preparedness planning includes command and control, communication and notification, viable go- kit, personal plan, evacuation/ shelter in place plan and training. We choose not to focus on these individual hazards but will focus on the resulting impacts.

T-Nuclear Incident	1	3	3	3	3				81
Aircraft as Weapon	1	2	2	3	2				24
I-Improvised Explosive Device (IED)	1	3	2	3	1				18
I-Toxic Chemical Attack	1	3	2	3	1				18
I-Nerve Agent Attack	1	3	2	3	1				18
I-Chlorine Tank Explosion	1	3	2	3	1				18
I-Improvised Nuclear Device (IND)	1	3	2	3	1				18
I-Radiological Dispersal Devices	1	3	2	3	1				18

CHV Prioritized Hazards from the Hazard Vulnerability Analysis (HVA) germane to the CHV Community. .

Extreme Temp-Hot	3	3	1	2	NA				18
Civil Disturbance	1	2	2	2	2				16
O-Transportation	3	2	2	1	1				12
Structural Fire	1	2	2	1	3				12
N-Epidemic/Pandemic	1	3	1	3	NA				9
Air Pollution/ Air Quality	2	2	1	2	NA				8
Winter Storm/ Blizzard	2	1	2	1	1				4
Severe Weather Thunderstorm	2	1	1	1	2				4
O-Electrical Power Failure	1	2	2	1	1				4
O-Comms Failure	1	1	2	2	1				4
O-Water Failure	1	2	2	1	1				4
O-Cyber Malfunction	1	1	2	2	1				4
O-Information System Failure	2	2	1	1	1				4
Active Shooter	1	2	1	2	1				4
Cyber Attack	1	1	2	2	1				4
Terrorist Threat	1	2	1	2	1				4
T-Food, Water Contaminaton	1	2	1	2	1				4
Mass Casualty	1	3	1	1	1				3

