Dakota County Public Health

JURISDICTIONAL RISK **ASSESSMENT**

2024 - 2029



OVERVIEW

A Jurisdictional Risk Assessment (JRA) is the evaluation of the past, current and future risks to the health, safety, and property of the people within a jurisdiction. Dakota County Public Health is required to conduct a JRA every 5 years to determine what the highest frequency/highest impact risks are.

METHODS

Dakota County Public Health selected an adapted version of the Kaiser Permanente Hazard Vulnerability Analysis tool. This tool assesses the potential impact of various emergencies by considering factors such as the likelihood of occurrence, historical event data, community and infrastructure vulnerability, preparedness efforts, and available internal and external resources. It's important to note that the scoring system used within the tool is subjective.

RESULTS

The TOP FIVE hazards for Dakota County are:



Biological Infectious Disease



Housing Displacement



Extreme Cold



Tornado/Thunderstorm/ Straightline Winds



Pandemic Influenza

HAZARDS

(Probability + Number of recent Activations x Severity) = Hazard Percentage Risk

	Biological Infectious Disease
34%	Housing Displacement
26%	Extreme Cold
25%	Tornado/Thunderstorm/SL Winds
23%	Pandemic Influenza
23%	Flood/Flash Flood
22%	Extreme Heat
21%	Cyber Attack/IT Outage
19%	Air Quality
18%	Foodborne/Waterborne Illness
18%	Mass Casualty Incident
18%	Winter Storm
17%	Major Power Outage
16%	Biological Non-Infectious Disease
15%	Civil Unrest
15%	Transportation Incident
14%	Hazardous Materials Release
13%	Substance Misuse
12%	Wildfire
9%	•

NEXT STEPS AND FEEDBACK

The results of the JRA will be used to develop a mitigation plan for the top hazards that will be implemented over the next five years. Additionally, these results will guide the development of Dakota County Public Health's five-year training and exercise plan.

To provide feedback on the Dakota County Public Health Jurisdicational Risk Assessment, please email PublicHealthresponse@co.dakota.mn.us. For more preparedness resources, visit www.dakotacounty.us (search Emergency Preparedness).

