2024 Jurisdictional risk assessment

San Juan Health Department

Method and purpose

Public health preparedness planners and partners assessed 52 hazards to determine jurisdictional public health priority hazards. The following formula was used to calculate risk:

Risk score = probability X health severity X community/infrastructure impacts X mitigation.

Results identify existing preparedness gaps and determine priority hazard-specific planning, training, and exercise activities to conduct with partners.

San Juan's top 5 hazards

1. Supply shortage
2. Cyber attack
3. Wildfire
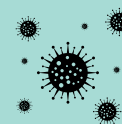4. Flood
5. Electrical failure

Statewide top 5 hazards

1. Wildfire
2. Earthquake
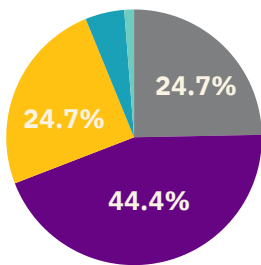3. Emergent disease
4. Pandemic influenza
5. Mass casualty hazmat incident

San Juan Public Health

Utah Department of Health & Human Services

Community disaster resiliency survey
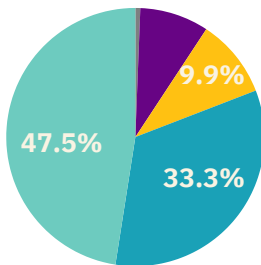
Utah statewide

How will our community fare if a disaster hits? Researchers have determined key factors found in communities prior to a disaster that correlate with how well that community recovers after a disaster. These resiliency factors include: opportunity, safety, connectedness, and community involvement. Community members in Utah were asked questions about these factors in an anonymous survey. The aggregated results for one question for each resiliency factor are shown below. As we gain a better understanding of what resiliency factors are present and need improvement, we can share these results with policy and decision makers to help shape the outcome of future disasters in our state.

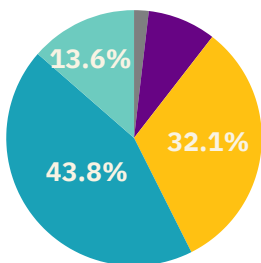**■ Strongly disagree ■ Disagree ■ Neutral ■ Agree ■ Strongly agree**

Opportunity

24.7% 44.4% 24.7%

In a community with high scores for opportunity, all community members have access to equitable opportunities, choices, and resources. Is there high-quality, safe, and affordable housing accessible for residents with mixed income levels?
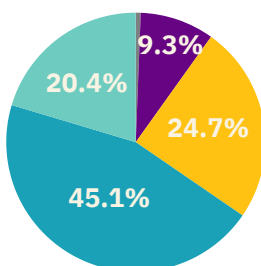
Safety

9.9% 33.3% 47.5%

In a community with high safety ratings, community members have low exposure to risk, and are prepared for and have options to respond to emergencies.
There are first responders who are readily available and in close proximity to respond to emergencies within the community?

Connectedness

13.6% 32.1% 43.8%

Community members feel high levels of connectedness when they have many social networks through which they can offer or receive help.
The community values and strengthens existing relationships, and fosters the formation of new connections?

Community involvement

9.3% 24.7% 45.1% 20.4%

A community with high levels of community involvement has a vibrant life outside of work and home.
Do community members have the capacity, desire, and ability to participate, communicate, and work to improve the community?
This is evident in volunteerism, involvement in community, religious and/or social organizations, and participation in the political process.