



Public Health
Preparedness and Response Program

Jurisdictional Risk Assessment

Speaker: Naomi Orantes
Date: Thursday, December 12, 2024

Jurisdictional Risk Assessment

Speakers: Lizette Acevedo and Angela Ramirez

JURISDICTIONAL RISK ASSESSMENT (JRA)

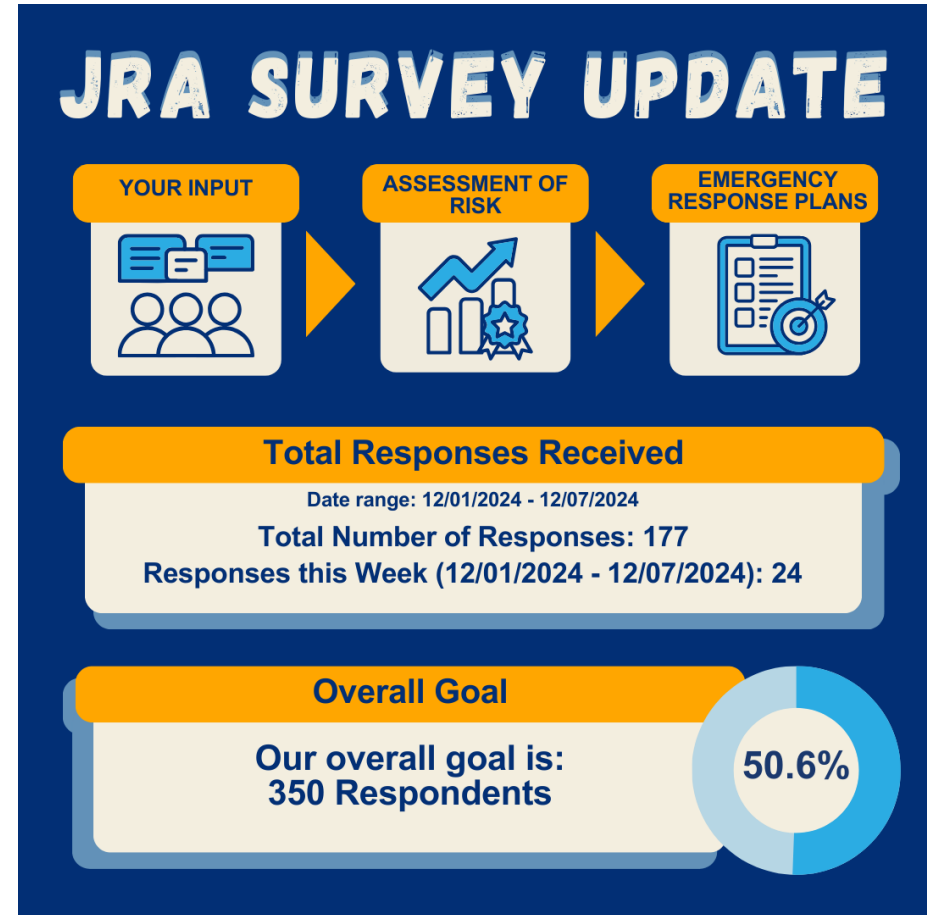
- **Purpose:**

- Identify, evaluate, and prioritize risks that impact San Bernardino County
- Results from this survey will be used to inform emergency response planning efforts.

- **Objectives:**

- Identify specific health risk and hazards prevalent in San Bernardino County, such as infectious diseases, environmental hazards, and natural disasters
- Determine the potential impact of various risks on public health, healthcare infrastructure, and community well-being

- **Deadline:** November 30, 2024



- The JRA is useful to assess the health and medical risk to our county from potential hazards.
- To participate in the survey as we go through it together, please visit bit.ly/PRP-JRA or scan the QR code.



Background Information

Our perspectives are shaped by our jobs, environment, and experience. This survey captures a few pieces of information to better understand and analyze the survey data.

Please enter your full name:

Please enter your email address:

Please enter the name of your organization:

In this section, you will add your first and last name, work email address, and the name of your organization.

JURISDICTIONAL RISK ASSESSMENT GUIDE CONT.

What best describes your type of organization?

- ☐ San Bernardino County Department Public Health
- ☐ County Agency
- ☐ Healthcare - Local EMS
- ☐ Healthcare - Hospital
- ☐ Healthcare - Community Clinic
- ☐ Healthcare - Dialysis
- ☐ Healthcare - Pharmacy
- ☐ Healthcare - Long Term Care
- ☐ Healthcare - SNF
- ☐ Healthcare - Other

Select the organization type that best coincides with the description of your organization.

- ☐ Emergency Management
- ☐ Mental and Behavioral Health
- ☐ Law Enforcement
- ☐ Fire Department
- ☐ Community-based Organization
- ☐ Faith-based Organization
- ☐ School
- ☐ Tribal Organization
- ☐ Private
- ☐ Other (please specify)

JURISDICTIONAL RISK ASSESSMENT GUIDE CONT.

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**MOJAVE DESERT
NEEDLES
TWENTYNINE PALMS**



**SAN BERNARDINO
RANCHO CUCAMONGA
FONTANA
ONTARIO**

Could you specify the region your organization serves?

☒ **Desert Region:** This region includes cities and communities in the eastern part of the county, characterized by desert landscapes such as the Mojave Desert. Cities like Barstow, Needles, and Twentynine Palms are located in this area.

☐ **Mountain Region:** The mountainous region covers the northern and eastern parts of the county, including the San Bernardino Mountains and portions of the San Bernardino National Forest. Communities like Big Bear Lake, Lake Arrowhead, and Crestline are part of this region.

☐ **Inland Valley Region:** This region encompasses the southwestern portion of the county, including the valley areas and suburban communities that are part of the Inland Empire. Cities like Ontario, Rancho Cucamonga, Fontana, and San Bernardino are located here.

☐ **High Desert Region:** This region includes cities and towns in the northern and central parts of the county at higher elevations. Cities like Victorville, Apple Valley, Hesperia, and Adelanto are part of this region.

☐ **All of San Bernardino County Regions**



**SB NATIONAL FOREST
BIG BEAR LAKE
LAKE ARROWHEAD
CRESTLINE**



**VICTORVILLE
ADELANTO
APPLE VALLEY
HESPERIA**

Part 1: Hazard Impacts

For each question below, please allocate a total of 100 points, between the categories below to indicate their relative importance to you in determining **risk**, based on your experiences preparing for or responding to emergencies.

Step 1a. Human Health and Healthcare Systems

Please allocate a total of 100 points to each of the following based on how important you believe that category is in determining **risk**. The more points you assign, the more important you think that category is, with the total points adding up to 100.

For example: If you assign 60 points to Human Health Impacts, you have 40 points to assign to Healthcare System Impacts.

Human Health	→	Impacts to the community's physical, mental, and social well-being	0
Healthcare Systems	→	Impact to health care infrastructure	0
Total			0

In the case of a disaster or emergency, which category would be most impacted.

Cumulative points for each category should total 100 points.

Step 1b. Human Health Impacts

Please allocate a total of 100 points to the smaller sub-categories within human health impacts, based on how important you believe that sub-category is in determining **risk**. The more points you assign, the more important you think that category is, with the total points adding up to 100.

Please note: If you hover over the impact sub-category, a short definition will appear.

Fatalities	0
Hospitalization	0
Outpatient Injuries	0
Mental Health Injuries	0
Total	0

In this section, distribute points to each sub-categories based on physical, mental, and social well-being impacts.

Hover over the sub-category to see a help text, which will appear showing the definition for that sub-category.

Step 1c: Healthcare System Impacts:

Please allocate a total of 100 points for sub-categories within healthcare system impacts, based on how important you believe that sub-category is in determining **risk**. The more points you assign, the more important you think that category is, with the total points adding up to 100.

Please note: If you hover over the impact sub-category, a short definition will appear.

Hospital Impacts	0
Skilled Nursing Facility (SNF) Impacts	0
Outpatient Impacts	0
Pharmacy Impacts	0
Dialysis Center Impacts	0
Total	0

Please enter any hazard impact categories that you believe are missing in the previous questions. This will help inform future Jurisdictional Risk Assessments:

In this section, allocate points based on the impact on healthcare system infrastructure or functionality across the various sub-categories.

Step 2: Hazard Likelihood

This component of the survey helps us assess the likelihood, or probability, of any given hazard occurring. Think about how likely you believe these hazards are to occur in San Bernardino County over the next five years.

Please group the following 39 hazards into the following groups, based on the likelihood that they would happen over the **next five years** in San Bernardino County:

- MOST likely to happen, LIKELY to happen, and LEAST likely to happen
- *Please note: If you hover over the hazard, a short definition will appear.*

	Most Likely	Likely	Least Likely
Aerosolized Anthrax	☐	☐	☐
Airplane Crash	☐	☐	☐
Avalanche	☐	☐	☐
Bioterrorism Agent	☐	☐	☐
Chemical Attack	☐	☐	☐

This section lists 39 hazards that may occur. In this section, rank each hazard under one of the following: 'Most Likely', 'Likely', or 'Least Likely' to happen.

JURISDICTIONAL RISK ASSESSMENT GUIDE CONT.

1. Aerosolized Anthrax
2. Airplane Crash
3. Avalanche
4. Bioterrorism Agent
5. Chemical Attack
6. Civil Disorder
7. Communication Failure
8. Cyber Attack
9. Dam Failure
10. Drought
11. Earthquake
12. Electrical Failure
13. Emergent Disease
14. Explosive Device
15. Extreme Heat Events
16. Flood (500 Year)
17. Flash Flood
18. Foodborne Illness
19. Hazardous Materials Release
20. Hurricane/Tropical Cyclone
21. Industrial Incident
22. Information Systems Failure
23. Land Subsidence
24. Landslide
25. Mass Shooting
26. Nuclear Attack
27. Pandemic Influenza
28. Severe Winter Storm
29. Sewer Failure
30. Smallpox
31. Supply Shortage
32. Tornado
33. Transportation Failure
34. Urban Fire
35. Volcano
36. Water Contamination
37. Water Supply Disruption
38. Wildland Fire
39. Windstorm

JURISDICTIONAL RISK ASSESSMENT GUIDE CONT.

Please rank the hazards grouped in the Most Likely from most likely to least likely.

In this section, rank each hazard from most to least likely. Drag and drop each hazard to reorder them.

This question will be completed three times based on each likelihood category—'Most Likely,' 'Likely,' and 'Least Likely'—according to the hazards selected within each category.

- 1 Airplane Crash
- 2 Avalanche
- 3 Bioterrorism Agent
- 4 Aerosolized Anthrax
- 5 Chemical Attack
- 6 Civil Disorder
- 7 Communication Failure
- 8 Cyber Attack
- 9 Dam Failure
- 10 Drought
- 11 Earthquake
- 12 Electrical Failure
- 13 Emergent Disease
- 14 Explosives Device
- 15 Extreme Heat Events

JURISDICTIONAL RISK ASSESSMENT SURVEY

- To participate in the survey, please visit bit.ly/PRP-JRA or scan the QR code.
- To gain the best possible results, we would greatly appreciate your partnership in **encouraging your peers to complete the survey!**





Public Health
Preparedness and Response Program

QUESTIONS

THANK YOU!

For being part of San Bernardino County
Department of Public Health's efforts
to be more prepared!!



Public Health
Preparedness and Response Program

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