New Jersey
Healthcare Coalitions

Hazard Vulnerability Assessment
North Region Analysis

Coalition Name: New Jersey North Healthcare Coalition

Budget Period/Year: Budget Period 2 / 2025-2026

Finalized: October 29, 2025

Executive Summary

When comparing last year's (2024-2025) HVAs to this year's (2025-2026), there is a shift in the top ten (10) ranked hazards. Last year's HVAs had the top ten (10) hazards ranked in the following order from highest to lowest:

Explosion, Mass Casualty Incident, Bomb Threat, Active Shooter, Facility/Structure Fire, Hurricane, Flood, Tornado, Earthquake, and Evacuation.

This year's HVAs had the top ten (10) hazards ranked in the following order from highest to lowest:

IT System Outage **(new to top 10)**, Inclement Weather **(new)**, Active Shooter, HVAC Failure **(new)**, Infectious Disease Outbreak **(new)**, Power Outage **(new)**, Mass Casualty Incident, Fire **(new)**, Water Disruption **(new)**, and Bomb Threat.

Data collection for this year's HVA was completed through the utilization of the Juvare eICS system. New Jersey Healthcare Coalition members were able to submit data through this electronic platform, resulting in a streamlined submission process and a broader representation of HCC members. Shifts in this year's data may be attributable to this diversity in participation, in addition to trends within hazard vulnerabilities and risks.

Top Risks

Hazards are ranked according to vulnerability, which is the comparative significance of the threat based on probability, magnitude and mitigation.

Rank	Hazard	Incidents	Vulnerability	Preparedness
1	IT System Outage	2	52%	High: 50 % Medium: 31 % Not Applicable: 12 % Low: 8 %
2	Inclement Weather	8	39%	High: 69 % Medium: 23 % Low: 8 %
3	Active Shooter	2	33%	Medium: 54 % High: 38 % Low: 8 %
4	HVAC Failure	1	30%	High: 69 % Medium: 23 % Low: 8 %
5	Infectious Disease Outbreak	0	30%	High: 54 % Medium: 38 % Low: 8 %
6	Power Outage	3	29%	High: 62 % Medium: 23 % Not Applicable: 8 % Low: 8 %
7	Mass Casualty Incident	2	28%	High: 62 % Low: 31 % Medium: 8 %

8	Fire	1	28%	Medium: 46 % High: 46 % Low: 8 %
9	Water Disruption	1	26%	High: 54 % Medium: 31 % Not Applicable: 8 % Low: 8 %
10	Bomb Threat	0	25%	Medium: 46 % High: 38 % Not Applicable: 8 % Low: 8 %
11	Chemical Exposure, External	0	25%	Medium: 38 % High: 38 % Low: 15 % Not Applicable: 8 %
12	Temperature Extremes	0	24%	Medium: 54 % High: 38 % Not Applicable: 8 %
13	Communication / TelephonyFailure	0	24%	High: 46 % Medium: 38 % Not Applicable: 8 % Low: 8 %
14	Hazmat Incident	1	24%	High: 46 % Medium: 23 % Not Applicable: 15 % Low: 15 %
15	Sewer Failure	0	24%	High: 46 % Medium: 31 % Low: 15 % Not Applicable: 8 %
16	Generator Failure	0	22%	High: 62 % Not Applicable: 15 % Low: 15 % Medium: 8 %
17	Radiation Exposure	0	22%	High: 38 % Low: 31 % Not Applicable: 15 % Medium: 15 %
18	Earthquake	0	22%	Medium: 62 % Low: 23 % Not Applicable: 15 %
19	Flood	0	21%	High: 54 % Medium: 31 % Not Applicable: 15 %
20	Gas / Emissions Leak	0	21%	High: 46 % Medium: 38 % Not Applicable: 8 % Low: 8 %

21	Workplace Violence / Threat	0	20%	Medium: 31 % Not Applicable: 31 % High: 31 % Low: 8 %
22	Wildland Fire	0	20%	Medium: 46 % High: 23 % Not Applicable: 23 % Low: 8 %
23	Supply Chain Shortage / Failure	0	19%	Medium: 54 % Not Applicable: 31 % High: 8 % Low: 8 %
24	Civil Unrest	0	19%	High: 46 % Medium: 23 % Not Applicable: 15 % Low: 15 %
25	Pandemic	1	18%	Not Applicable: 38 % High: 38 % Medium: 15 % Low: 8 %
26	VIP Situation	0	18%	High: 77 % Low: 15 % Not Applicable: 8 %
27	Hurricane	0	18%	High: 38 % Not Applicable: 38 % Low: 15 % Medium: 8 %
28	Evacuation	1	17%	Not Applicable: 46 % High: 23 % Medium: 23 % Low: 8 %
29	Acts of Intent	0	17%	Not Applicable: 38 % Medium: 31 % Low: 15 % High: 15 %
30	Hazmat Incident with Mass Casualties	2	17%	Not Applicable: 46 % Low: 23 % Medium: 15 % High: 15 %
31	Abduction	0	17%	High: 62 % Not Applicable: 23 % Medium: 15 %
32	Strikes / Labor Action / Work Stoppage	0	16%	High: 46 % Medium: 38 % Not Applicable: 15 %
33	Tornado	0	15%	Not Applicable: 46 % Medium: 31 % Low: 23 %

34	Shelter in Place	0	14%	Not Applicable: 46 % Medium: 23 % High: 23 % Low: 8 %
35	Planned Power Outages	1	13%	Not Applicable: 54 % High: 23 % Medium: 15 % Low: 8 %
36	Patient Surge	0	12%	Not Applicable: 54 % Medium: 38 % High: 8 %
37	Dam Failure	0	8%	Not Applicable: 69 % High: 23 % Low: 8 %
38	Elopement (AWOL)	0	8%	Not Applicable: 69 % Medium: 15 % High: 8 % Low: 8 %
39	Tsunami	0	3%	Not Applicable: 92 % Low: 8 %