New Jersey
Healthcare Coalitions

Hazard Vulnerability Assessment
Central Region Analysis

Coalition Name: New Jersey Central Region 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:

Workplace Violence / Threat, Evacuation, Explosion, Water Intrusion Event, Wildfire, Gas / Emissions Leak, Earthquake, Radiological Event, Seasonal Respiratory Illness, and Facility / Structure Fire.

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)**, Workplace Violence / Threat, Infectious Disease Outbreak **(new)**, Fire **(new)**, Inclement Weather **(new)**, Active Shooter **(new)**, HVAC Failure **(new)**, Mass Casualty Incident **(new)**, Hazmat Incident **(new)**, and Earthquake.

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	7	52%	High: 41 % Medium: 31 % Not Applicable: 14 % Low: 14 %
2	Workplace Violence / Threat	66	25%	High: 40 % Medium: 40 % Not Applicable: 20 %
3	Infectious Disease Outbreak	0	24%	High: 77 % Medium: 15 % Low: 8 %
4	Fire	11	22%	High: 40 % Medium: 40 % Low: 20 %
5	Inclement Weather	0	21%	Medium: 50 % High: 40 % Low: 10 %
6	Active Shooter	0	20%	Medium: 50 % High: 40 % Low: 10 %
7	HVAC Failure	5	20%	Medium: 60 % High: 30 % Low: 10 %
8	Mass Casualty Incident	2	19%	Medium: 50 % High: 30 % Low: 20 %

9	Hazmat Incident	1	18%	Medium: 40 % High: 30 % Low: 20 % Not Applicable: 10 %
10	Earthquake	2	18%	Medium: 50 % High: 30 % Not Applicable: 10 % Low: 10 %
11	Communication / TelephonyFailure	4	17%	High: 60 % Medium: 20 % Low: 10 % Not Applicable: 10 %
12	Water Disruption	3	17%	Medium: 50 % High: 40 % Not Applicable: 10 %
13	Sewer Failure	4	17%	Medium: 40 % High: 30 % Low: 20 % Not Applicable: 10 %

14	Bomb Threat	1	17%	High: 40 % Medium: 40 % Not Applicable: 10 % Low: 10 %
15	Civil Unrest	1	16%	High: 30 % Medium: 30 % Low: 30 % Not Applicable: 10 %
16	Supply Chain Shortage / Failure	3	15%	Medium: 50 % High: 30 % Not Applicable: 20 %
17	Power Outage	4	15%	High: 60 % Medium: 20 % Low: 10 % Not Applicable: 10 %
18	Generator Failure	0	15%	High: 50 % Medium: 20 % Low: 20 % Not Applicable: 10 %
19	Abduction	0	14%	Medium: 40 % High: 30 % Low: 20 % Not Applicable: 10 %
20	Flood	7	14%	High: 30 % Not Applicable: 30 % Medium: 20 % Low: 20 %
21	Evacuation	2	13%	Low: 30 % Not Applicable: 30 % High: 20 % Medium: 20 %

22	Shelter in Place	2	13%	Not Applicable: 30 % Low: 30 % Medium: 20 % High: 20 %
23	Hurricane	0	12%	Medium: 60 % Not Applicable: 30 % Low: 10 %
24	Radiation Exposure	0	12%	Medium: 43 % High: 29 % Not Applicable: 14 % Low: 14 %
25	Strikes / Labor Action / Work Stoppage	0	11%	High: 30 % Not Applicable: 30 % Medium: 20 % Low: 20 %
26	Tornado	0	11%	Medium: 60 % Not Applicable: 40 %
27	Chemical Exposure, External	0	11%	High: 43 % Low: 29 % Not Applicable: 14 % Medium: 14 %
28	Temperature Extremes	0	10%	High: 57 % Medium: 29 % Not Applicable: 14 %
29	Elopement (AWOL)	1	9%	High: 50 % Not Applicable: 40 % Low: 10 %
30	VIP Situation	0	9%	High: 57 % Medium: 14 % Low: 14 % Not Applicable: 14 %
31	Hazmat Incident with Mass Casualties	0	8%	Not Applicable: 43 % Medium: 29 % Low: 29 %
32	Patient Surge	0	8%	Medium: 29 % High: 29 % Not Applicable: 29 % Low: 14 %
33	Wildland Fire	0	8%	Not Applicable: 50 % High: 40 % Medium: 10 %
34	Gas / Emissions Leak	0	7%	High: 43 % Medium: 29 % Not Applicable: 29 %
35	Natural Gas Disruption	0	5%	Medium: 67 % Low: 33 %
36	Acts of Intent	0	4%	Not Applicable: 71 % Medium: 14 % Low: 14 %
37	Pandemic	0	4%	Not Applicable: 71 % High: 14 % Low: 14 %

38	Planned Power Outages	0	4%	Not Applicable: 71 % Medium: 14 % Low: 14 %
39	Tsunami	0	3%	Not Applicable: 86 % Low: 14 %
40	Dam Failure	0	2%	Not Applicable: 86 % Low: 14 %