

# Hazard Vulnerability Assessment Statewide Analysis

**COALITION NAME:** New Jersey 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:

Shelter in Place, Active Shooter, Bomb Threat, Air Quality Issue, Sewage Failure, Wildfire, Information Systems Attach/Breach, Workplace Violence / Threat, and Flood.

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

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

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            | 39        | 54%           | High: 46 %<br>Medium: 35 %<br>Low: 11 %<br>Not Applicable: 8 %  |
| 2    | Workplace Violence / Threat | 395       | 30%           | High: 45 %<br>Medium: 29 %<br>Not Applicable: 14 %<br>Low: 12 % |
| 3    | Infectious Disease Outbreak | 6         | 27%           | High: 65 %<br>Medium: 27 %<br>Low: 8 %                          |
| 4    | Inclement Weather           | 28        | 25%           | Medium: 45 %<br>High: 45 %<br>Low: 10 %                         |
| 5    | Active Shooter              | 3         | 25%           | Medium: 45 %<br>High: 43 %<br>Low: 12 %                         |
| 6    | Fire                        | 16        | 23%           | High: 55 %<br>Medium: 33 %<br>Low: 12 %                         |
| 7    | HVAC Failure                | 14        | 23%           | High: 55 %<br>Medium: 38 %<br>Low: 7 %                          |

## Hazard Vulnerability Assessment

|    |                        |    |     |                                                                |
|----|------------------------|----|-----|----------------------------------------------------------------|
| 8  | Water Disruption       | 21 | 23% | Medium: 52 %<br>High: 36 %<br>Low: 10 %<br>Not Applicable: 2 % |
| 9  | Bomb Threat            | 2  | 23% | Medium: 43 %<br>High: 40 %<br>Low: 14 %<br>Not Applicable: 2 % |
| 10 | Power Outage           | 27 | 22% | High: 60 %<br>Medium: 19 %<br>Low: 19 %<br>Not Applicable: 2 % |
| 11 | Hazmat Incident        | 6  | 22% | High: 38 %<br>Medium: 33 %<br>Low: 24 %<br>Not Applicable: 5 % |
| 12 | Mass Casualty Incident | 8  | 22% | High: 43 %<br>Medium: 31 %<br>Low: 21 %<br>Not Applicable: 5 % |

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|----|-----------------------------------|---|-----|-----------------------------------------------------------------|
| 13 | Communication / Telephony Failure | 8 | 22% | High: 50 %<br>Medium: 36 %<br>Low: 10 %<br>Not Applicable: 5 %  |
| 14 | Sewer Failure                     | 7 | 21% | Medium: 48 %<br>High: 31 %<br>Low: 17 %<br>Not Applicable: 5 %  |
| 15 | Generator Failure                 | 3 | 20% | High: 57 %<br>Low: 19 %<br>Medium: 17 %<br>Not Applicable: 7 %  |
| 16 | Earthquake                        | 6 | 20% | Medium: 55 %<br>Low: 24 %<br>High: 12 %<br>Not Applicable: 10 % |
| 17 | Civil Unrest                      | 5 | 20% | Medium: 33 %<br>High: 29 %<br>Low: 29 %<br>Not Applicable: 10 % |
| 18 | Flood                             | 8 | 20% | High: 40 %<br>Medium: 38 %<br>Not Applicable: 12 %<br>Low: 10 % |
| 19 | Supply Chain Shortage / Failure   | 7 | 20% | Medium: 50 %<br>High: 21 %<br>Not Applicable: 14 %<br>Low: 14 % |
| 20 | Hurricane                         | 2 | 19% | Medium: 40 %<br>High: 29 %<br>Not Applicable: 21 %<br>Low: 10 % |

## Hazard Vulnerability Assessment

|    |                             |     |     |                                                                 |
|----|-----------------------------|-----|-----|-----------------------------------------------------------------|
| 21 | Chemical Exposure, External | 10  | 19% | Medium: 42 %<br>High: 36 %<br>Low: 17 %<br>Not Applicable: 6 %  |
| 22 | Temperature Extremes        | 5   | 18% | High: 53 %<br>Medium: 39 %<br>Low: 6 %<br>Not Applicable: 3 %   |
| 23 | Elopement (AWOL)            | 217 | 18% | Not Applicable: 38 %<br>High: 38 %<br>Medium: 12 %<br>Low: 12 % |
| 24 | Evacuation                  | 4   | 18% | High: 31 %<br>Medium: 31 %<br>Not Applicable: 21 %<br>Low: 17 % |
| 25 | Tornado                     | 1   | 17% | Medium: 43 %<br>Not Applicable: 29 %<br>Low: 19 %<br>High: 10 % |

|    |                                        |    |     |                                                                 |
|----|----------------------------------------|----|-----|-----------------------------------------------------------------|
| 26 | Gas / Emissions Leak                   | 3  | 17% | High: 44 %<br>Medium: 36 %<br>Low: 14 %<br>Not Applicable: 6 %  |
| 27 | Shelter in Place                       | 4  | 17% | High: 33 %<br>Medium: 31 %<br>Not Applicable: 21 %<br>Low: 14 % |
| 28 | Strikes / Labor Action / Work Stoppage | 1  | 17% | Medium: 36 %<br>High: 26 %<br>Low: 21 %<br>Not Applicable: 17 % |
| 29 | Radiation Exposure                     | 1  | 17% | High: 39 %<br>Medium: 25 %<br>Low: 25 %<br>Not Applicable: 11 % |
| 30 | Abduction                              | 0  | 16% | High: 45 %<br>Medium: 26 %<br>Not Applicable: 14 %<br>Low: 14 % |
| 31 | Wildland Fire                          | 9  | 16% | Medium: 33 %<br>Not Applicable: 29 %<br>High: 24 %<br>Low: 14 % |
| 32 | Hazmat Incident with Mass Casualties   | 4  | 15% | Medium: 31 %<br>Not Applicable: 25 %<br>Low: 22 %<br>High: 22 % |
| 33 | Acts of Intent                         | 17 | 15% | Medium: 44 %<br>Not Applicable: 28 %<br>High: 19 %<br>Low: 8 %  |

## Hazard Vulnerability Assessment

|    |                       |   |     |                                                                 |
|----|-----------------------|---|-----|-----------------------------------------------------------------|
| 34 | Pandemic              | 2 | 15% | High: 47 %<br>Not Applicable: 28 %<br>Low: 14 %<br>Medium: 11 % |
| 35 | VIP Situation         | 6 | 13% | High: 47 %<br>Not Applicable: 19 %<br>Low: 17 %<br>Medium: 17 % |
| 36 | Planned Power Outages | 2 | 11% | High: 39 %<br>Not Applicable: 36 %<br>Medium: 14 %<br>Low: 11 % |
| 37 | Patient Surge         | 3 | 11% | Not Applicable: 39 %<br>Medium: 33 %<br>High: 19 %<br>Low: 8 %  |
| 38 | Dam Failure           | 1 | 7%  | Not Applicable: 64 %<br>Low: 17 %<br>High: 11 %<br>Medium: 8 %  |

|    |                        |   |    |                                                |
|----|------------------------|---|----|------------------------------------------------|
| 39 | Tsunami                | 1 | 4% | Not Applicable: 81 %<br>Low: 14 %<br>High: 6 % |
| 40 | Natural Gas Disruption | 0 | 3% | Low: 50 %<br>Medium: 50 %                      |