#### North Region Integrated Preparedness Planning Workshop

Districts 1,2, 3, and 4

## Hazard Vulnerability Assessment Results

#### **Data Elements Key:**

**Probability Score** = The perceived probability of a hazard occurring.

**Impact score** = The impact a hazard is rated to have on healthcare service delivery.

**Risk Factor (RF) Rate** = Final risk factor of hazard calculated by combining all risk related data elements.

**Protective factor (PF) rate** = Final protective factor of hazard calculated by combining all protective factor data elements.

Final HVA score = Final hazard vulnerability rate calculated by combining the final risk and protective factors scores

Coalition capability (CC) score = Rate given to the HCCs capability to respond to a hazard.

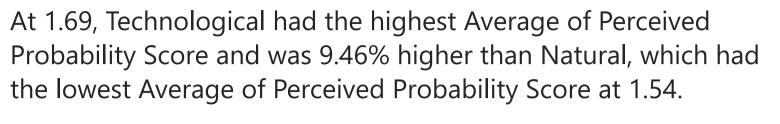
**External capability (EC) score** = Rate given to a jurisdiction's response partners outside of the HCC capability to respond to a hazard.

Integration factor = Result of an assessment of the HCC's efforts to integrate various considerations for vulnerable populations into their response and recovery efforts.



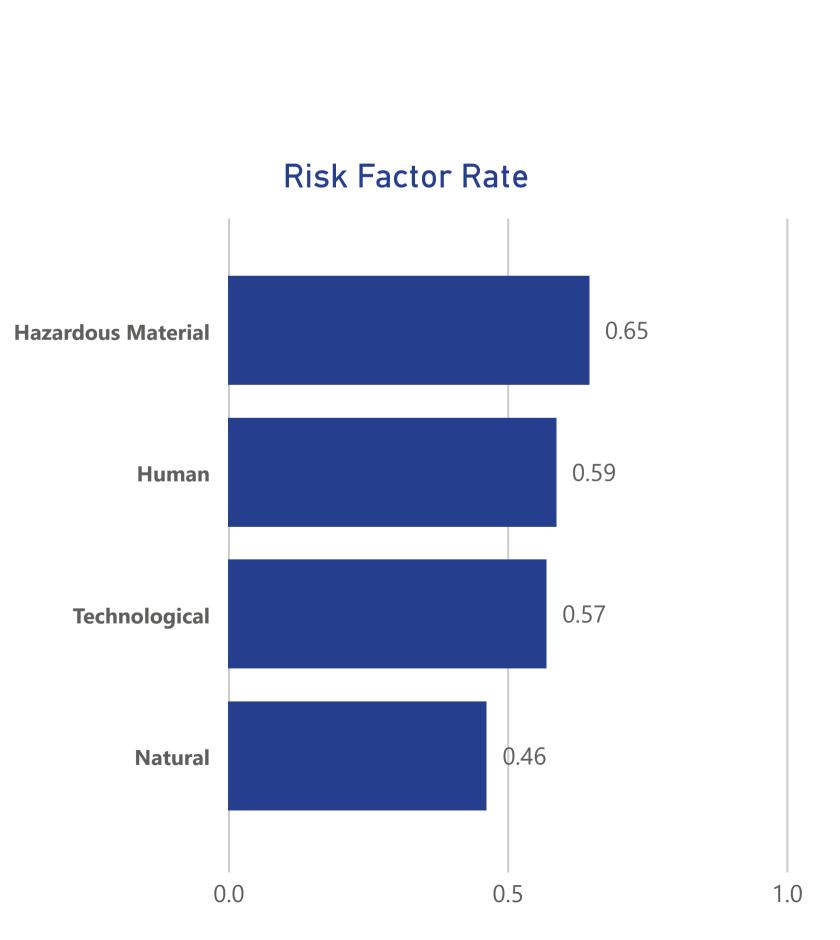
#### **Hazard Type Overview**

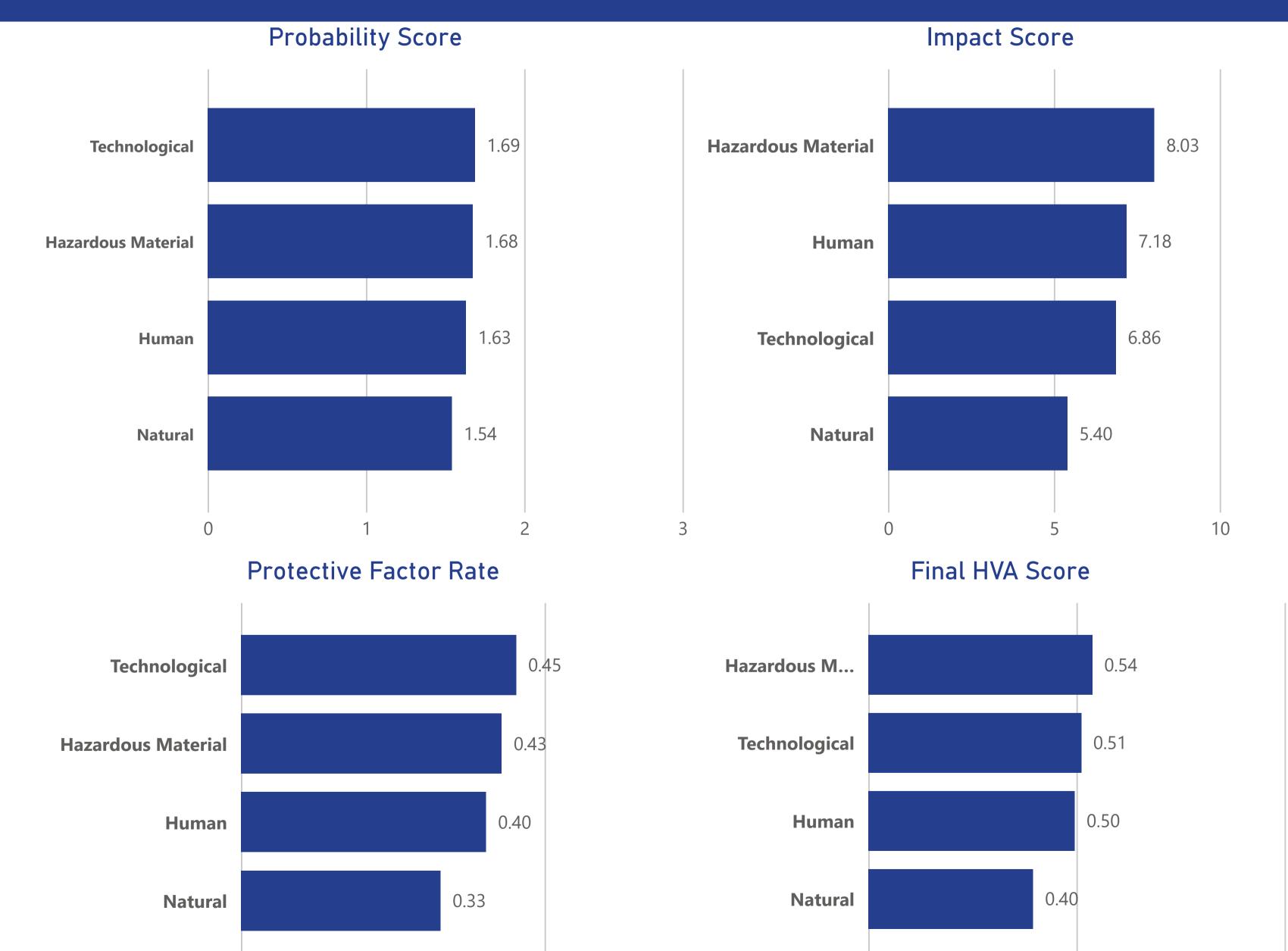
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Technological had the highest Average of Perceived Probability Score at 1.69, followed by Hazardous Material, Human, and Natural.

Across all 4 Hazard Type, Average of Perceived Probability Score ranged from 1.54 to 1.69.





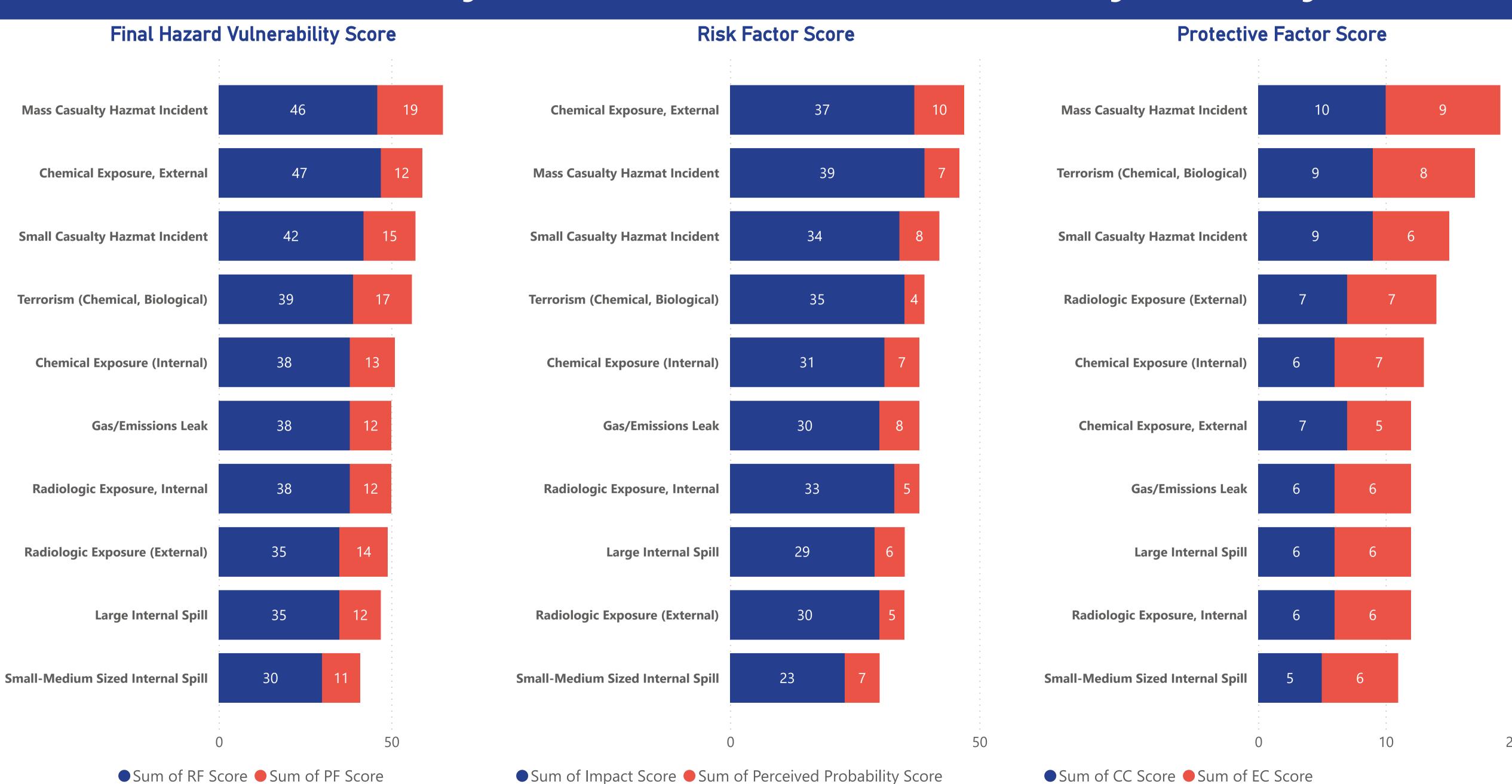
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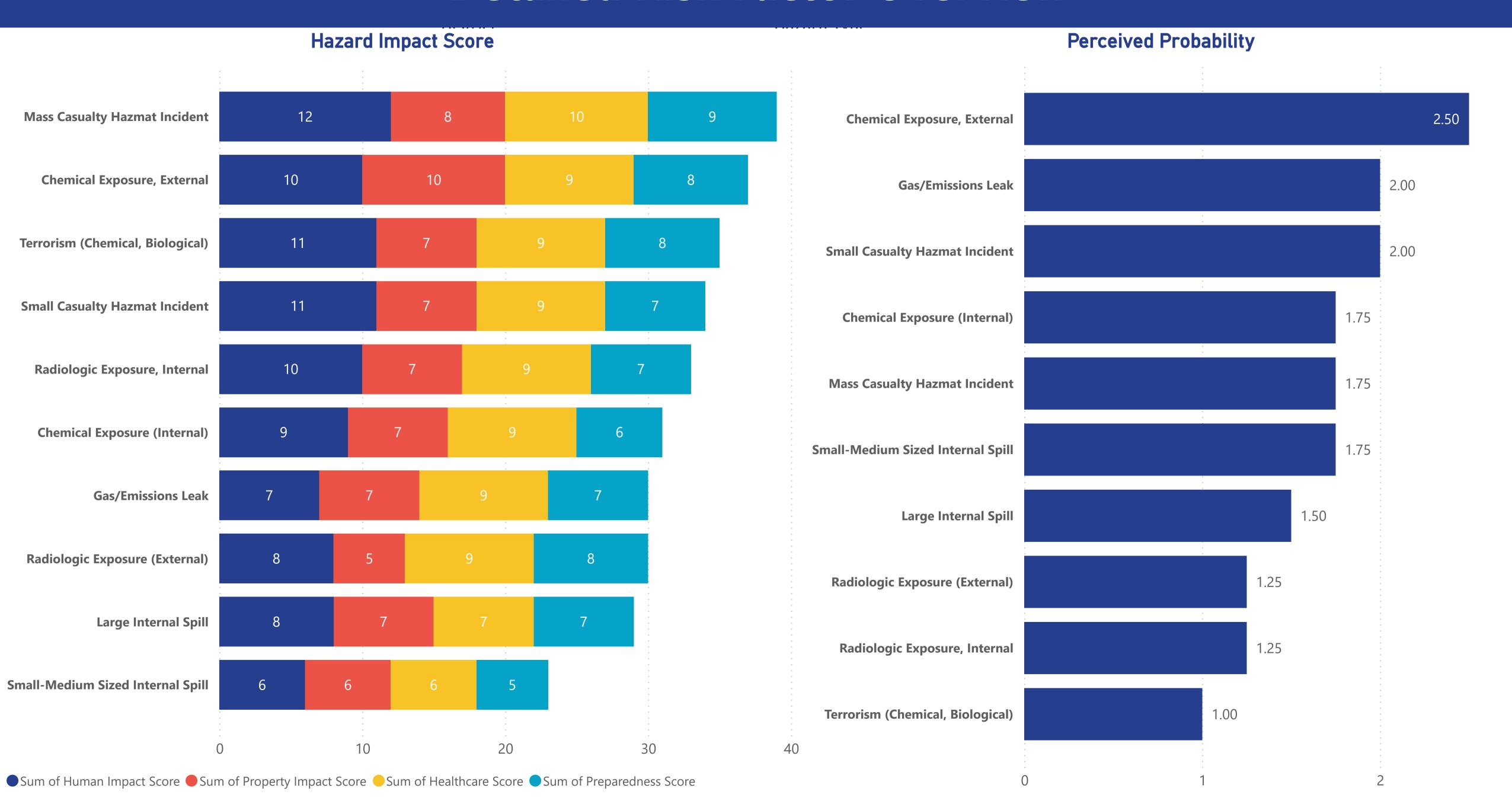
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# Hazard Vulnerability Assessment Final Vulnerability Score by Factor



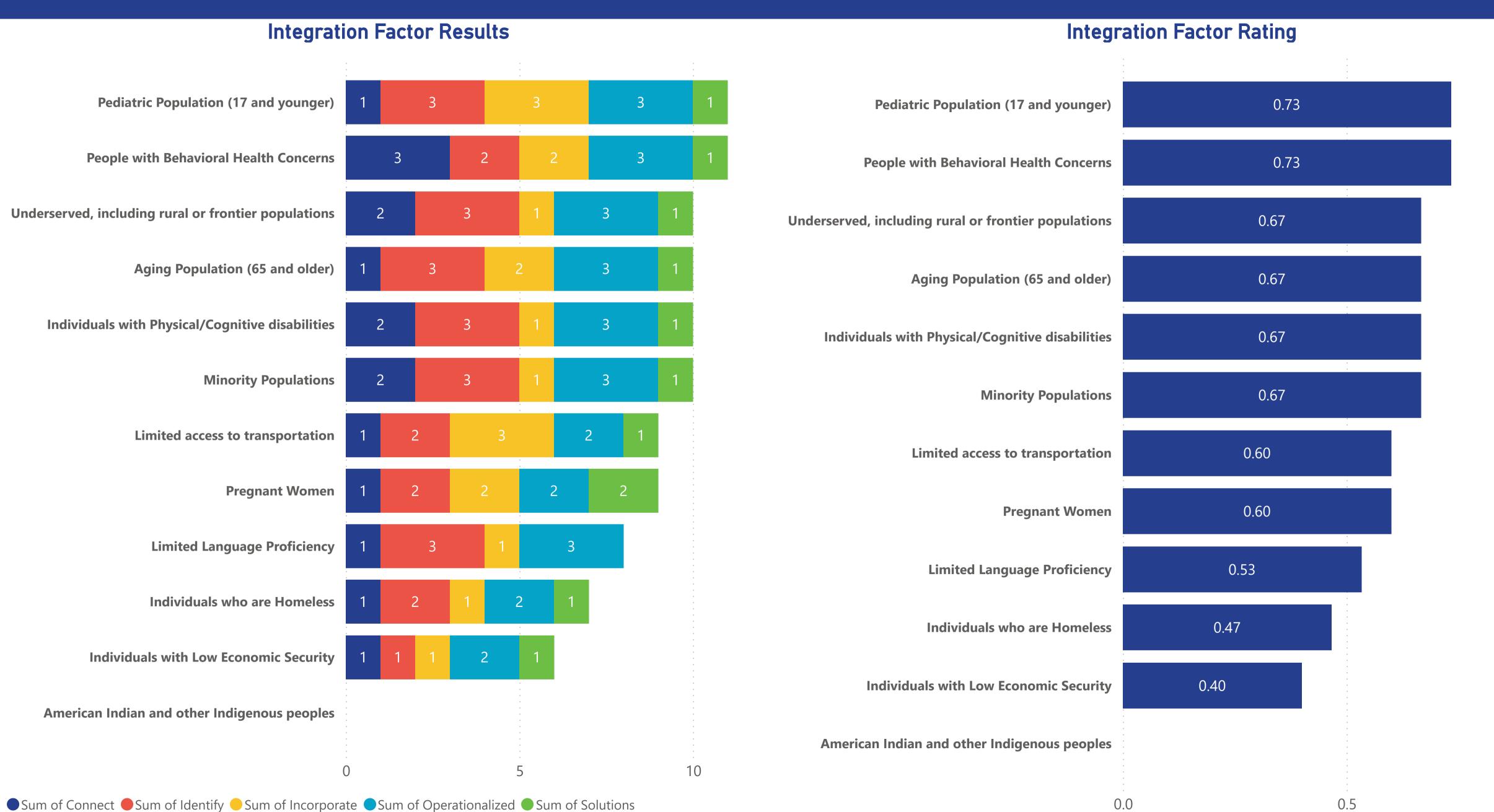
#### **Detailed Risk Factor Overview**



### **Detailed Protective Factors Overview**



## Detailed Integration Factor Overview



# Hazard Ranking Comparison by District

Hazard	1	2	3	4	Total
Fire Internal	0.65	0.63	0.60	0.70	0.65
Chemical Exposure, External	0.57	0.58	0.68	0.73	0.64
Tornado	0.77	0.43	0.60	0.77	0.64
Active Shooter	0.60	0.65	0.68	0.52	0.61
Sewer Failure	0.53	0.57	0.63	0.70	0.61
Bomb Detonation	0.40	0.50	0.77	0.73	0.60
Flood Internal	0.50	0.67	0.53	0.70	0.60
Generator Failure	0.53	0.67	0.52	0.60	0.58
Epidemic/Infectious Disease	0.53	0.50	0.63	0.63	0.58
Blizzard	0.57	0.53	0.58	0.60	0.57
HVAC Failure	0.50	0.50	0.62	0.67	0.57
Patient Surge	0.40	0.52	0.63	0.73	0.57
Severe Storms	0.53	0.53	0.62	0.60	0.57
Snowfall	0.53	0.53	0.62	0.60	0.57
Water Failure	0.50	0.60	0.65	0.53	0.57
Aviation Crash/Aero Medical Crash	0.47	0.53	0.70	0.57	0.57
Flood External	0.60	0.40	0.57	0.70	0.57
Gas/Emissions Leak	0.50	0.50	0.57	0.70	0.57
Mass Casualty Incident (trauma)	0.43	0.60	0.50	0.73	0.57
Radiologic Exposure, Internal	0.43	0.63	0.57	0.63	0.57
Civil Disturbance	0.55	0.53	0.50	0.67	0.56
Mass Casualty Incident (Infectious)	0.42	0.60	0.50	0.73	0.56
Electrical Failure	0.53	0.60	0.43	0.67	0.56
Information Systems Failure	0.52	0.47	0.57	0.68	0.56
Utility Failure	0.50	0.60	0.47	0.67	0.56
Natural Gas Failure	0.50	0.60	0.57	0.53	0.55
Chemical Exposure (Internal)	0.50	0.60	0.65	0.43	0.55
Communications Failure	0.53	0.60	0.47	0.58	0.55
Large Internal Spill	0.48	0.60	0.53	0.55	0.54
Power Outage	0.53	0.60	0.43	0.60	0.54