

# NW Oregon Health Preparedness Organization

## 2018 Hazard Vulnerability Analysis

### Executive Summary



Annually, the NW Oregon Health Preparedness Organization (HPO) assesses the various threats and hazards to health and medical operations within our six- county region. This is done to both inform our preparedness planning, and satisfy federal grant requirements.

The HPO Steering Committee conducted this analysis in 2018. While the current version is an urban perspective, it will be adjusted to reflect threats and hazards for our two coastal counties. Additionally, the scoring indicators will be revised during its next annual review.

The Hazard Vulnerability Analysis (HVA) reflects a **regional healthcare** perspective, which differs from a jurisdictional HVA. The analysis utilizes indicators for both the **magnitude** of impacts on healthcare operations, and regional and organizational **mitigation** factors to score each hazard.

The 30 listed hazards are divided into three categories:

1. Natural Events
2. Mass Casualty Incident & Human-Made Events
3. Facility and Technical Events

Our Region's top ten risks are:

1. Medical/Pharmaceutical Supply Shortage – 89%
2. Wildfire – 72%
3. Mass Casualty Incident – 67%
4. Water Disruption/Interruption – 67%
5. Staffing Shortage/Labor Action – 67%
6. Inclement Weather Event – 64%
7. Communications Disruption (data/internet) – 58%
8. Major Hazardous Material Incident/Release - 56%
9. Communications Disruption (voice/fax) – 53%
10. Cyber Terrorism – 53%

It is important to note that even though we may hear a lot about a certain risk/hazard (e.g. the Cascadia Subduction Zone Earthquake), our top ten hazards (Relative Threat Score of 53% or higher) are in the forefront of our preparedness planning. We recognize that large-scale catastrophic events are likely in our future, but the probability creates a bigger planning challenge. Our intent is that by planning for smaller, less catastrophic events, our resilience for a catastrophic event will increase.