The Annual report for the Washington State Alert and Warning Center (AWC) comprises the statistics for the year and documents the volume and type of incidents that the AWC handled throughout the year. The data for this report has been structured within categories by type and depicted in graph form.

Terms used in this report:

<table>
<thead>
<tr>
<th>Incident Type</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fire--Total number</strong></td>
<td>Total number of fire related incidents</td>
</tr>
<tr>
<td>Fire-Other</td>
<td>These are incidents reported to Department of Natural Resources per a contract agreement, but have nothing to do with an actual fire, for example individuals locked behind a DNR gate after hours would get referred to us for calling a DNR representative</td>
</tr>
<tr>
<td>Wildfire</td>
<td>These are calls on the DNR fire line of reports of wildfires. Many of these calls (though not all) are made by dispatch centers looking for assistance from DNR</td>
</tr>
<tr>
<td><strong>Fixed Nuclear Facility--Total Number</strong></td>
<td>This is the total number of incidents occurring at the nuclear facilities within the state</td>
</tr>
<tr>
<td>DOE-RL</td>
<td>Department of Energy Hanford Site</td>
</tr>
<tr>
<td>CGS-RL</td>
<td>Energy Northwest</td>
</tr>
<tr>
<td>Areva</td>
<td>Company that produces nuclear fuel for the Columbia Generating Station. Areva changed its name back to Framatome effective February 2018.</td>
</tr>
<tr>
<td>NAVY</td>
<td>These are Naval facilities mostly located at Bangor Bremerton</td>
</tr>
<tr>
<td><strong>HAZMAT--Total Number</strong></td>
<td>Total number of spill calls received on behalf of department of Ecology</td>
</tr>
<tr>
<td>Hazmat-Other</td>
<td>All spill calls received for the department of Ecology except those involving railroads</td>
</tr>
<tr>
<td>Railroad-Hazmat</td>
<td>All Dept of Ecology spill calls involving rail lines and trains. Generally involving BNSF and UPRR</td>
</tr>
<tr>
<td><strong>Other-total number</strong></td>
<td>This is a catch all type that encompasses many different categories of incidents</td>
</tr>
<tr>
<td>CISM</td>
<td>Critical incident stress management—these are volunteers dispatched to assist local jurisdictions in their help of citizens involved in tragedy such as suicide, auto accidents, CPR in progress etc.</td>
</tr>
<tr>
<td>Earthquake</td>
<td>Any earthquakes meeting the threshold of 2.8 M + occurring in the state.</td>
</tr>
<tr>
<td>Other incidents not categorized</td>
<td>All incidents that do not have a category. This includes events such as warming shelter openings, use of volunteers for communications during demonstrations and local EOC activations not related to an already issued state incident number.</td>
</tr>
<tr>
<td><strong>Railroad--Other</strong></td>
<td>These are non hazmat related incidents that occur in or near rail yards or trains such as trespasser on tracks or train derailments. NOTE: these events are confirmed to have no hazmat spill involved in them. Any rail road issues that involve hazmat will be categorized under Railroad—Hazmat.</td>
</tr>
<tr>
<td><strong>Suspicious Act-Sec Breach</strong></td>
<td>Suspicious Activity/Security Breach—reports received from the National Response Center documenting various suspicious activities at key infrastructure facilities</td>
</tr>
<tr>
<td><strong>Tsunami Info Statement</strong></td>
<td>All information statements issued by the National Tsunami Warning Center, most often after an earthquake in the Pacific Rim</td>
</tr>
<tr>
<td><strong>Amber Alerts</strong></td>
<td>Any Amber Alerts issued</td>
</tr>
<tr>
<td><strong>Assistance Request</strong></td>
<td>These are requests for state assistance or resources not related to an already existing incident number</td>
</tr>
<tr>
<td><strong>DOH Secures</strong></td>
<td>DOH Secures message</td>
</tr>
<tr>
<td><strong>Tsunami</strong></td>
<td>Any Tsunami watch, Warning or Advisory that is issued for any part of WA Coast.</td>
</tr>
<tr>
<td><strong>Urban Fire</strong></td>
<td>Fire that takes place within an Urban Area that is beyond the capability of the local jurisdiction to manage</td>
</tr>
<tr>
<td><strong>Equipment Outages</strong></td>
<td>Any outages in equipment in the AWC expected or unexpected that last for a significant amount of time or that require a significant amount of resources to manage.</td>
</tr>
<tr>
<td><strong>WNG 10th CST</strong></td>
<td>Deployments of the WNG 10th Civil Support Team (CST) when notified by the JOC</td>
</tr>
<tr>
<td><strong>SAR--total Number</strong></td>
<td>Total number of Search and Rescue missions conducted within the state</td>
</tr>
<tr>
<td><strong>Beacon</strong></td>
<td>ELT/EPIRB activations. ELT's are the Emergency Locator Transmitter on Aircraft and EPIRB are the marine vessel equivalent</td>
</tr>
<tr>
<td><strong>PLB/SPOT</strong></td>
<td>Personal locator beacons that hikers and other individuals wear when out in remote areas that can be activated when needing help in areas without cell coverage or telephones</td>
</tr>
<tr>
<td><strong>AVN SAR</strong></td>
<td>Search and Rescue involving overdue aircraft or crashed aircraft</td>
</tr>
<tr>
<td><strong>National Park</strong></td>
<td>Search and Rescue taking place on National Park Land, these are generated at the request of the National Park Service and generally take place either at Mt Rainier National Park or Olympic National Park</td>
</tr>
<tr>
<td><strong>SAR-Other</strong></td>
<td>All other Search and Rescue activities that do not fall within one of the categories above.</td>
</tr>
<tr>
<td><strong>Tsunami Debris</strong></td>
<td>This category was created in the aftermath of the 2011 Japan earthquake/tsunami. This category was only relevant during the years 2013 and 2014 and has been phased out as of the end of 2016</td>
</tr>
<tr>
<td><strong>Terrorism</strong></td>
<td>Any events requiring a state response in the aftermath of a terrorist event</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>Any phone line outages affecting 911 dispatch centers</td>
</tr>
<tr>
<td><strong>Weather</strong></td>
<td>Weather events throughout the state. The documented weather events are watches and warnings. Only the first event is counted. All subsequent events issued are counted under the first incident number until all have expired.</td>
</tr>
<tr>
<td><strong>Counties</strong></td>
<td>These incidents have already been attributed to the individual County and are captured here as well to illustrate cross county operations, take place solely in Oregon, or is an incident that can be attributed to the entire state such as COVID.</td>
</tr>
</tbody>
</table>
Historical Data % Growth

Note: Some of this change in the number of incidents is a result of how data is collected and reported within the AWC.
Total Hazmats by Year 1995-2021

- 1995: 776
- 1996: 966
- 1997: 1062
- 1998: 1310
- 1999: 1485
- 2000: 1895
- 2001: 1727
- 2002: 1959
- 2003: 2248
- 2004: 2293
- 2005: 2354
- 2006: 2469
- 2007: 2450
- 2008: 2559
- 2009: 2691
- 2010: 2579
- 2011: 2581
- 2012: 2523
- 2013: 2379
- 2014: 2414
- 2015: 2741
- 2016: 2691
- 2017: 2693
- 2018: 2691
- 2019: 2693
- 2020: 2691
- 2021: 2741
Incidents by Type

All 2021 Incidents by Type

- Fire--Total number: 489
- Wildfire: 87
- Urban Fire: 7
- DOE-RL: 20
- CGS-RL: 5
- FRAMATOME: 5
- Navy: 0
- HAZMAT--Total Number: 2741
- Hazmat-Other: 2609
- Railroad: 876
- CISM: 510
- Earthquake: 14
- Other: 97
- Rail: 103
- Rail Other: 4
- Other: 110
- Total Incident: 25
- Equipment Outages: 1
- Urban Fire: 20
- Urban Fire: 1
- Ammunition: 1
- Fire Mobilization: 97
- Tsunami Info Statement: 103
- Amber Alerts: 9
- Assistance Request: 25
- TS-DOH Seque: 1
- Hawaii Sch: 1
- Terror: 77
- ECB: 146
- SAR: 716
- SAR-Other: 10
- Other: 21
- Other-Total Number: 55
- DOH: 0
- NWS 10th CST: 0
- ELT/EPIRB: 0
- PLB/SPOT/inReach: 0
- National Park: 0
- SAR Debris: 0
- Terrorism: 0
- Phone: 0
- Weather: 0
All 2021 SAR by Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAR--total Number</td>
<td>970</td>
</tr>
<tr>
<td>ELT/EPIRB</td>
<td>77</td>
</tr>
<tr>
<td>PLB/SPOT/inReach</td>
<td>146</td>
</tr>
<tr>
<td>AVN SAR</td>
<td>10</td>
</tr>
<tr>
<td>National Park</td>
<td>21</td>
</tr>
<tr>
<td>SAR-Other</td>
<td>716</td>
</tr>
</tbody>
</table>
2021 Hazmat Incidents

HAZMAT--Total Number: 2741
Hazmat-Other: 2609
Railroad: 132
Other Incidents by Other Types

Other 2021 Incidents

- Total number: 876
- CSIM: 510
- Earthquake: 14
- Other: 97
- Railroad: 103
- Suspicious Act/Sec Breach: 4
- Tsunami info Statement: 110
- Amber Alerts: 9
- Assistance Request: 2
- DOH Secures: 25
- Tsunami: 1
- Urban Fire: 0
- Fire Mobilization: 1
2021 Fire Incidents

- Fire--Total number: 489
- Fire-Other: 87
- Wildfire: 375
- Urban Fire: 7
- Fire Mobilization: 20
All 2Q 2021 Incidents by Type

- April
- May
- June

- Fire-Other
- Wildfire
- Urban Fire
- DOE-RL
- CGS-RL
- FRAMATOME
- NAVY
- Hazmat-Other
- Railroad
- CISM
- Earthquake
- Other
- Railroad
- Suspicious Act/Sec Breach
- Tsunami Info Statement
- Amber Alerts
- Assistance Request
- DOH Secures
- Tsunami
- Equipment Outages
- WNG 10th CST
- ELT/EPIRB
- PLB/SPOT/inReach
- AVN SAR
- National Park
- SAR-Other
- Tsunami Debris
- Terrorism
- Phone
- Weather
2021 Fire Incidents by County

Other  Wildfire  Urban Fire  Fire Mobilization

Adams  Asotin  Benton  Chelan  Clallam  Clark  Coast  Columbia  Cowlitz  Ferry  Franklin  Garfield  Grant  Grays Harbor  Island  Jefferson  King  Kitsap  Klickitat  Lewis  Lincoln  Mason  Multi/All  Okanogan  Pacific  Pend Oreille  Pierce  San Juan  Skagit  Skamania  Snohomish  Spokane  Stevens  Thurston  Walla Walla  Whatcom  Whitman  Yakima
2021 General SAR Incidents by County

- Adams: 4
- Asotin: 19
- Benton: 28
- Chelan: 7
- Clallam: 10
- Clark: 1
- Coast: 0
- Columbia: 1
- Cowlitz: 27
- Douglas: 1
- Ferry: 5
- Franklin: 12
- Garfield: 4
- Grant: 10
- Grays Harbor: 1
- Island: 16
- Jefferson: 143
- King: 17
- Kittitas: 38
- Kittitas: 18
- Lewis: 11
- Lincoln: 14
- Mason: 13
- Multi/All: 18
- Okanogan: 7
- Pacific: 34
- Pend Oreille: 8
- Pierce: 52
- San Juan: 56
- Skamania: 75
- Skagit: 2
- Snohomish: 3
- Spokane: 7
- Stevens: 3
- Thurston: 0
- Wahkiakum: 0
- Walla Walla: 26
- Whatcom: 38
- Whitman: 0
- Yakima: 0