Pacific Disaster Center Area Brief: General	HONOLULU 06:18:46 12 Aug 2018	DAWSON 09:18:46 12 Aug 2018	WASH.D.C. 12:18:46 12 Aug 2018	ZULU 16:18:46 12 Aug 2018	NAIROBI 19:18:46 12 Aug 2018	BANGKOK 23:18:46 12 Aug 2018
 Executive Summary	12 Aug 2018	12 Aug 2018	12 Aug 2018	12 Aug 2018	12 Aug 2018	12 Aug 2018

Region Selected » Lower Left Latitude/Longitude: 66.786 N°, -147.77 E° Upper Right Latitude/Longitude: 72.786 N°, -141.77 E°



Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
	!	12-Aug-2018 16:07:37	5.6	5.3	66km SW of Kaktovik, Alaska	69.76° N / 144.98° W
	1	12-Aug-2018 15:05:20	6.1	9.9	64km SW of Kaktovik, Alaska	69.62° N / 145.25° W

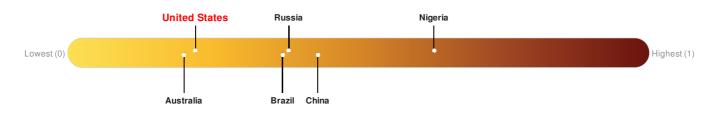
Active	Recent	Tsunamis		
Event	Severity	Date (UTC)	Name	Lat/Long
	1	12-Aug-2018 16:17:33	Tsunami (AK/BC/US West Coast) - 35 miles SW of Barter I., Alaska - 4.1	69.79° N / 144.77° W
	0	12-Aug-2018 16:06:43	Tsunami (AK/BC/US West Coast) - 40 miles SW of Barter I., Alaska - 5.6	69.7° N / 144.89° W
	1	12-Aug-2018 15:51:05	Tsunami (AK/BC/US West Coast) - 40 miles SW of Barter I., Alaska - 4.7	69.69° N / 144.8° W
	1	12-Aug-2018 15:40:54	Tsunami (AK/BC/US West Coast) - 40 miles SW of Barter I., Alaska - 4.5	69.64° N / 144.75° W
	0	12-Aug-2018 15:23:33	Tsunami (AK/BC/US West Coast) - 40 miles SW of Barter I., Alaska - 4.8	69.72° N / 144.83° W
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Event	Severity	12-Aug-2018 15:19:19 Date (UTC)	Tsunami (AK/BC/US West Coast) - 45 miles SW of Barter I., Alaska - 5.0 Name	69.61° N / 144.79° W Lat/Long
	1	12-Aug-2018 15:03:26	Tsunami (AK/BC/US West Coast) - 45 miles SW of Barter I., Alaska - 6.4	69.72° N / 145.14° W
Source: <u>PDC</u>				

Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

United States ranks 149 out of 165 countries assessed for Lack of Resilience. United States is less resilient than 10% of countries assessed. This indicates that United States has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC

Regional Overview

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Population Data:

2011

Total: 348 Max Density: 346(ppl/km²)

Populated Areas:

No significant land or population areas exist within the current map extent. Please use <u>http://atlas.pdc.org/atlas/</u> for dynamic mapping capabilities.

Source: iSciences

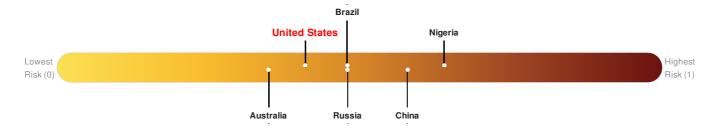
Risk & Vulnerability

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Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

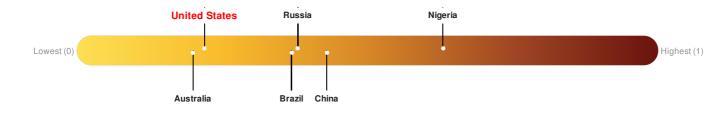
Multi-Hazard Exposure **United States** ranks **121** out of **165** countries assessed for Multi Hazard Risk. United States has a Multi Hazard Risk higher than 27% of countries assessed. This indicates that United States has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

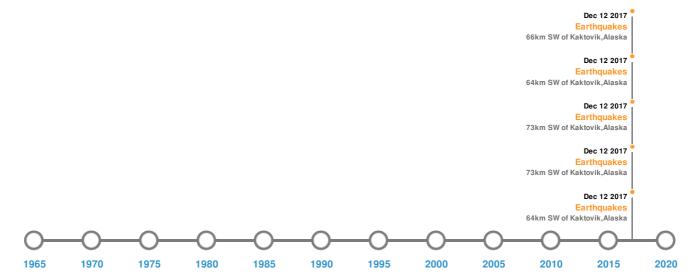
United States ranks 149 out of 165 countries assessed for Lack of Resilience. United States is less resilient than 10% of countries assessed. This indicates that United States has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: <u>PDC</u>

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Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)						
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long	
	12-Aug-2018 14:58:54	6.10	9.9	64km SW of Kaktovik, Alaska	69.62° N / 145.25° W	
	12-Aug-2018 16:02:08	5.60	5.3	66km SW of Kaktovik, Alaska	69.76° N / 144.98° W	
	12-Aug-2018 15:14:23	5.00	20	73km SW of Kaktovik, Alaska	69.61° N / 144.79° W	
	12-Aug-2018 15:14:21	4.90	7.9	73km SW of Kaktovik, Alaska	69.59° N / 144.66° W	
	12-Aug-2018 15:18:40	4.80	20	64km SW of Kaktovik, Alaska	69.72° N / 144.83° W	

Source: Earthquakes

Disclosures

* As defined by the source (<u>Dartmouth Flood Observatory</u>, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

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