



Pacific Disaster Center
Area Brief: General Executive Summary

HONOLULU
 20:14:03
 23 Jan 2018

ANCHORAGE
 21:14:03
 23 Jan 2018

WASH.D.C.
 01:14:03
 24 Jan 2018

ZULU
 06:14:03
 24 Jan 2018

NAIROBI
 09:14:03
 24 Jan 2018

BANGKOK
 13:14:03
 24 Jan 2018

Region Selected » Lower Left Latitude/Longitude: 53.5333 N° , -151.5141 E°
 Upper Right Latitude/Longitude: 59.5333 N° , -145.5141 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
		24-Jan-2018 00:09:42	5.5	10	273km ESE of Kodiak, Alaska	56.53° N / 148.51° W
		23-Jan-2018 23:27:06	5.3	12	290km ESE of Kodiak, Alaska	56.59° N / 148.15° W
		23-Jan-2018 12:09:04	5	5.5	240km SE of Kodiak, Alaska	56.59° N / 149.14° W
		23-Jan-2018 09:37:22	7.9	25	280km SE of Kodiak, Alaska	56.05° N / 149.07° W

Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		24-Jan-2018 00:10:27	Tsunami (AK/BC/US West Coast) - 170 miles SE of Kodiak City, Alaska - 5.4	56.51° N / 148.52° W
		23-Jan-2018 23:28:39	Tsunami (AK/BC/US West Coast) - 180 miles SE of Kodiak City, Alaska - 5.2	56.55° N / 148.16° W
		23-Jan-2018 19:20:28	Tsunami (AK/BC/US West Coast) - 185 miles SE of Kodiak City, Alaska - 4.7	55.79° N / 149.27° W

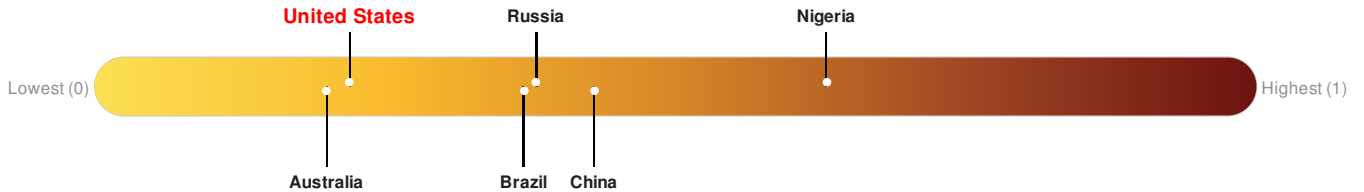
Event	Severity	Date (UTC)	Name	Lat/Long
		23-Jan-2018 09:44:40	Tsunami Advisory (Pacific Ocean) - Gulf Of Alaska - 7.9	56° N / 149.2° W
		23-Jan-2018 09:38:59	Tsunami Cancellation (AK/BC/US West Coast) - 175 miles SE of Kodiak City, Alaska - 7.9	56° N / 149.1° W

Source: [PDC](#)

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: 14
Max Density: 11 (ppl/km²)

Populated Areas:

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

Source: [iSciences](#)

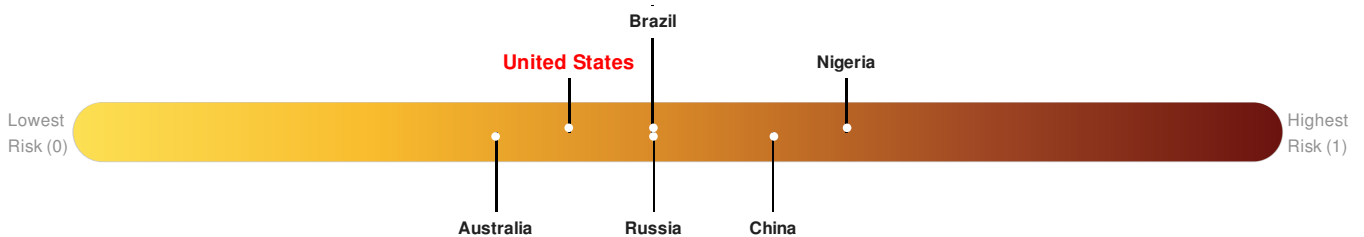
Risk & Vulnerability

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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 tsunamis), socioeconomic vulnerability, and coping capacity

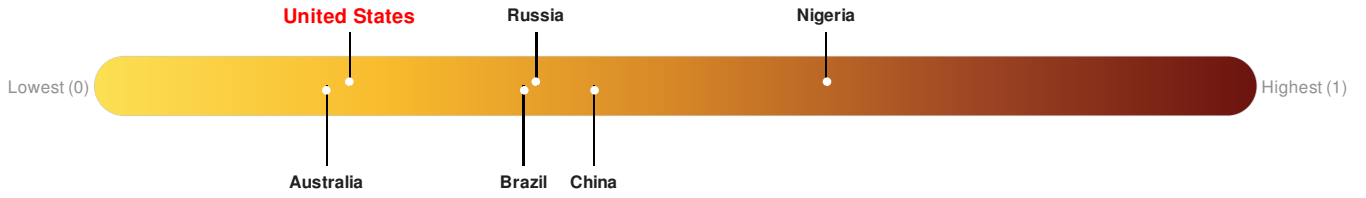
Multi-Hazard Exposure **United States** ranks **121** out of **165** countries assessed for Multi Hazard Risk. United States has a Multi Hazard Risk higher than 27% of countries assessed. This indicates that United States has less likelihood of loss and/or disruption to normal function if exposed to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

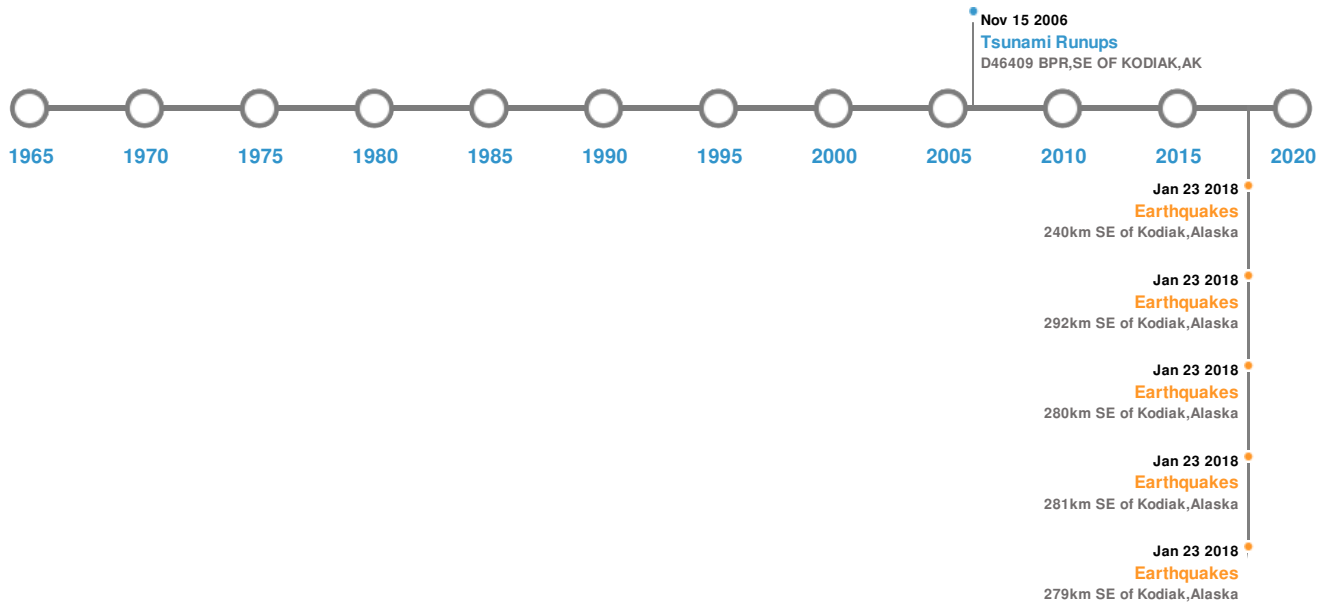
United States ranks **149** out of **165** countries assessed for Lack of Resilience. United States is less resilient than 10% of countries assessed. This indicates that United States has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Historical Hazards






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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
	23-Jan-2018 09:31:41	8.00	20	281km SE of Kodiak, Alaska	55.95° N / 149.23° W
	23-Jan-2018 09:31:40	8.00	19	279km SE of Kodiak, Alaska	56° N / 149.2° W
	23-Jan-2018 09:31:42	7.90	25	280km SE of Kodiak, Alaska	56.05° N / 149.07° W
	23-Jan-2018 09:31:43	7.00	10.4	292km SE of Kodiak, Alaska	55.91° N / 149.05° W
	23-Jan-2018 11:47:00	5.60	23.95	240km SE of Kodiak, Alaska	56.54° N / 149.17° W

Source: [Earthquakes](#)

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	28-Mar-1964 04:06:00	USA	3.35	-	ROCKY BAY, KENAI, AK	59.25° N / 151.42° W
	15-Nov-2006 16:23:00	USA	-	-	D46409 BPR, SE OF KODIAK, AK	55.3° N / 148.5° W

 Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	28-Mar-1964 00:00:00	USA	-	-	MIDDLETON ISLAND, AK	59.44° N / 146.33° W

Source: [Tsunamis](#)

Disclosures

* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude = $\text{LOG}(\text{Duration} \times \text{Severity} \times \text{Affected Area})$. Severity classes are based on estimated recurrence intervals and other criteria.

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