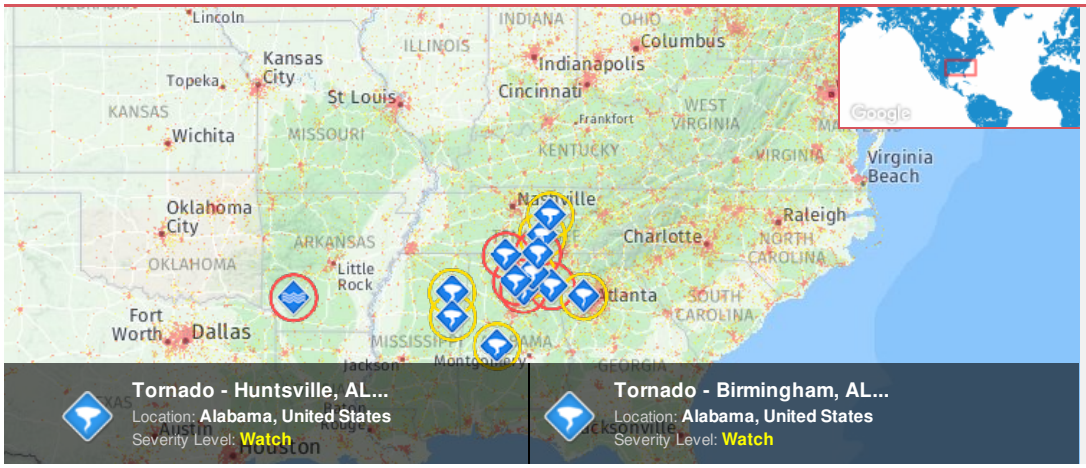
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 15:26:48 19 Mar 2018	WASH.D.C. 21:26:48 19 Mar 2018	KENTUCKY/MONTICELLO 21:26:48 19 Mar 2018	ZULU 01:26:48 20 Mar 2018	NAIROBI 04:26:48 20 Mar 2018	BANGKOK 08:26:48 20 Mar 2018

Region Selected » Lower Left Latitude/Longitude: 32.4442 N˚ , -88.9151 E˚
Upper Right Latitude/Longitude: 38.4442 N˚ , -82.9151 E˚



Legend

Population Density (person/sqkm)

0 — 170,000

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:

Active Tornado

Event	Severity	Date (UTC)	Name	Lat/Long
		20-Mar-2018 01:16:23	Tornado - Atlanta, GA WFO Region, US	33.91° N / 84.64° W
		20-Mar-2018 01:05:38	Tornado - Birmingham, AL WFO Region, US	34.18° N / 85.62° W
		20-Mar-2018 00:33:41	Tornado - Huntsville, AL WFO Region, US	34.98° N / 86.04° W
		20-Mar-2018 00:23:31	Tornado - Birmingham, AL WFO Region, US	34.09° N / 86.48° W
		19-Mar-2018 23:51:56	Tornado - Huntsville, AL WFO Region, US	34.29° N / 86.71° W
		19-Mar-2018 23:07:38	Tornado - Huntsville, AL WFO Region, US	34.94° N / 87.02° W
		19-Mar-2018 20:48:53	Tornado - Nashville, TN WFO Region, US	35.94° N / 85.67° W
		19-Mar-2018 20:42:55	Tornado - Nashville, TN WFO Region, US	35.44° N / 85.92° W

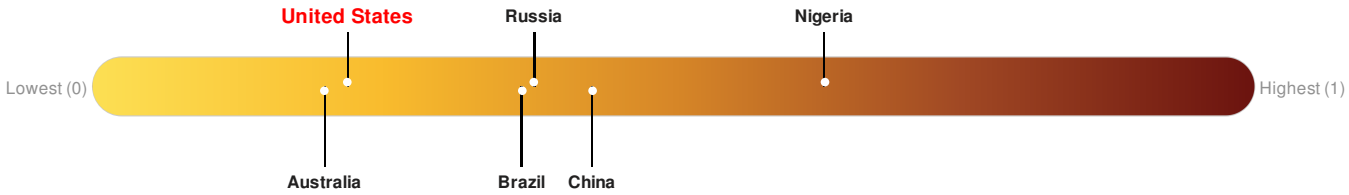
Event	Severity	Date (UTC)	Name	Lat/Long
		19-Mar-2018 20:38:26	Tornado - Memphis, TN WFO Region, US	34.01° N / 88.67° W
		19-Mar-2018 20:38:25	Tornado - Jackson, MS WFO Region, US	33.38° N / 88.65° W
		19-Mar-2018 20:38:22	Tornado - Birmingham, AL WFO Region, US	32.64° N / 87.29° W
		19-Mar-2018 20:33:40	Tornado - Huntsville, AL WFO Region, US	34.48° N / 86.21° 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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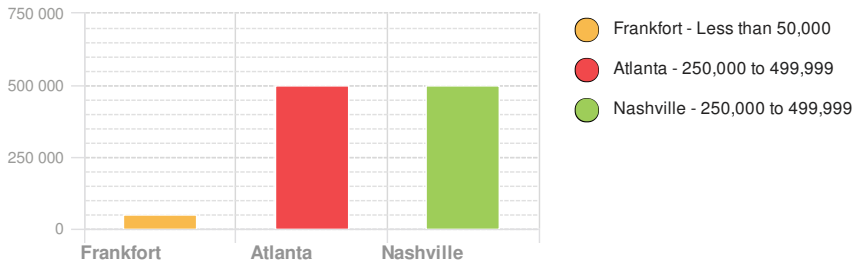
Population Data:

2011

Total: 19, 902, 802
Max Density: 40, 038(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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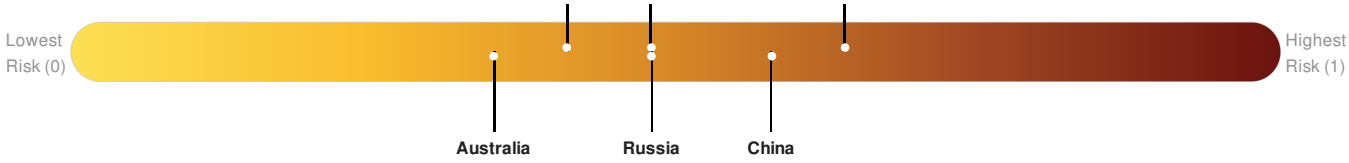
Multi Hazard Risk Index:

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.



Source: PDC

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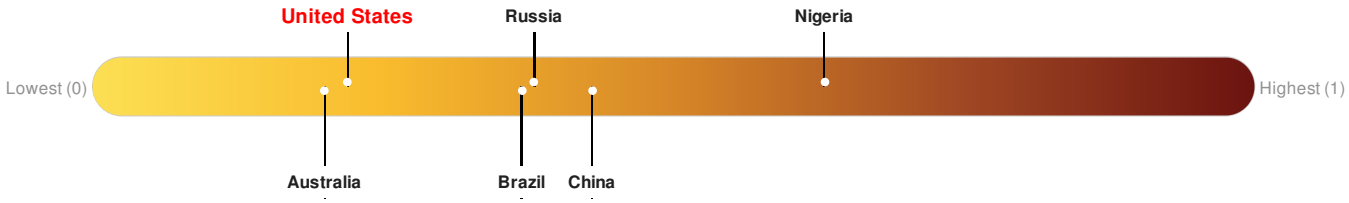

Source: PDC

Historical Hazards

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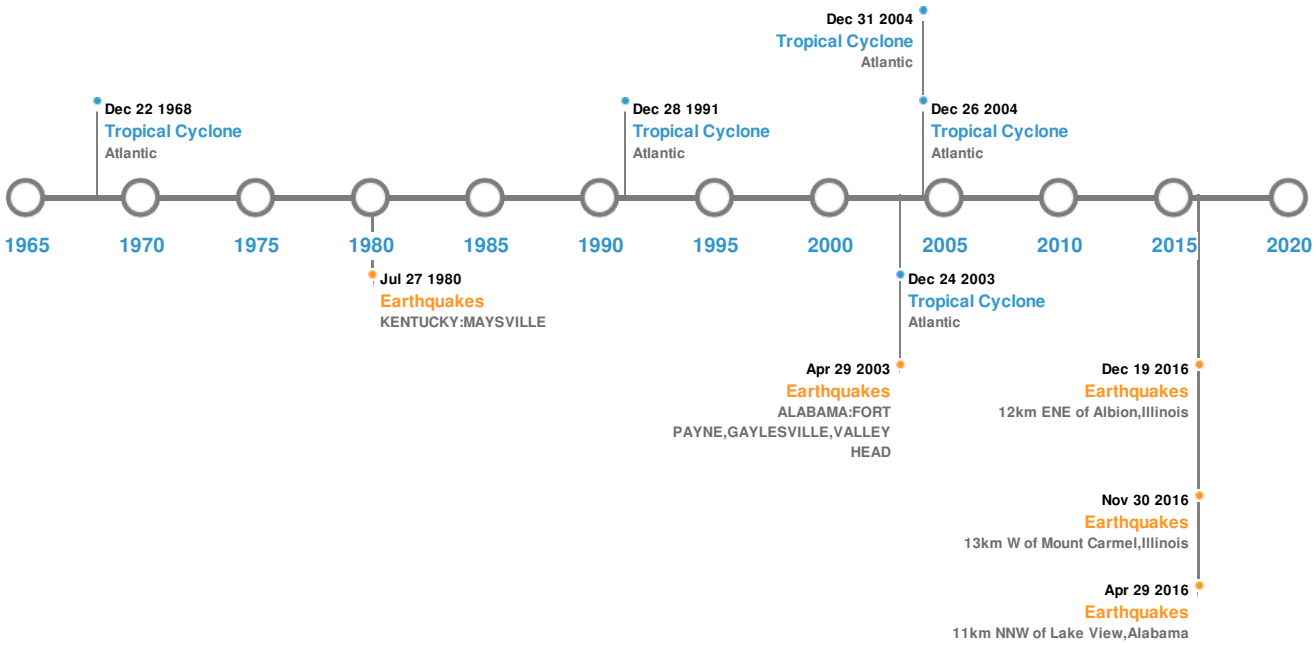
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	27-Jul-1980 00:18:00	5.10	8	KENTUCKY: MAYSVILLE	38.17° N / 83.91° W
	29-Apr-2003 00:08:00	4.60	20	ALABAMA: FORT PAYNE,GAYLESVILLE,VALLEY HEAD	34.49° N / 85.63° W
	19-Sep-2017 11:47:28	3.80	11.68	12km ENE of Albion, Illinois	38.42° N / 87.91° W
	09-Sep-2017 04:15:29	3.06	11.76	13km W of Mount Carmel, Illinois	38.42° N / 87.91° W
	29-Apr-2016 08:58:13	3.00	1.24	11km NNW of Lake View, Alabama	33.37° N / 87.2° W

Source: Earthquakes

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	CAMILLE	15-Aug-1969 00:00:00 - 22-Aug-1969 12:00:00	190	No Data	Atlantic	30.72° N / 72.05° W
		18-Sep-2005 06:00:00 - 26-Sep-2005				

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	RITA	06:00:00	178	897	Atlantic	29.91° N / 82° W
	ANDREW	17-Aug-1992 00:00:00 - 28-Aug-1992 06:00:00	173	922	Atlantic	22.63° N / 63.6° W
	KATRINA	24-Aug-2005 00:00:00 - 31-Aug-2005 06:00:00	173	902	Atlantic	31.11° N / 82.35° W
	IVAN	03-Sep-2004 00:00:00 - 24-Sep-2004 06:00:00	167	910	Atlantic	23.19° N / 60.9° W

Source: Tropical Cyclones

Disclosures

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