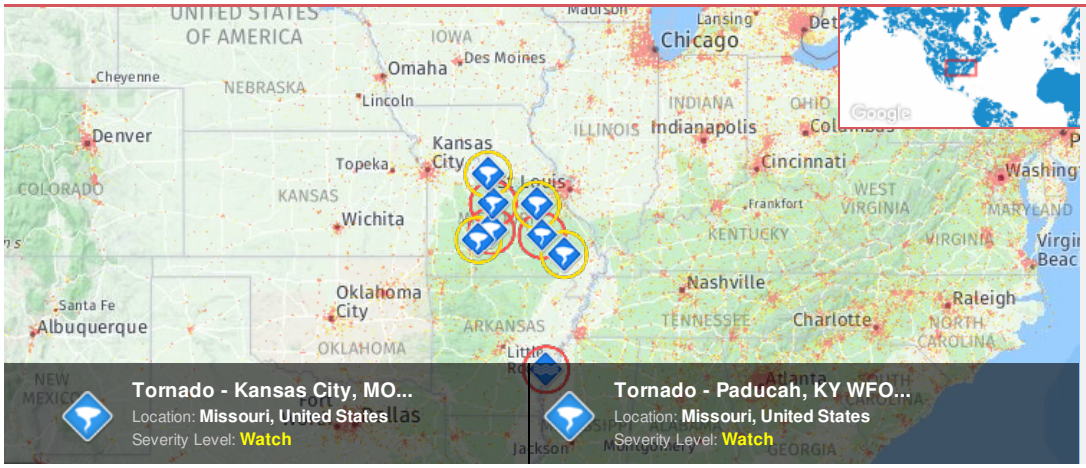
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 10:20:22 27 May 2017	WASH.D.C. 16:20:22 27 May 2017	INDIANA/VINCENNES 16:20:22 27 May 2017	ZULU 20:20:22 27 May 2017	NAIROBI 23:20:22 27 May 2017	BANGKOK 03:20:22 28 May 2017

Region Selected » Lower Left Latitude/Longitude: 34.5117 N˚ , -94.1055 E˚
Upper Right Latitude/Longitude: 40.5117 N˚ , -88.1055 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:

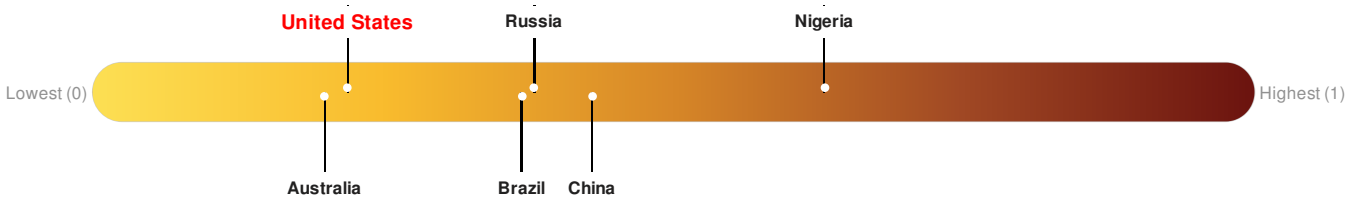
Active Tornado

Event	Severity	Date (UTC)	Name	Lat/Long
		27-May-2017 19:47:15	Tornado - Springfield, MO WFO Region, US	37.64° N / 92.69° W
		27-May-2017 19:25:19	Tornado - Springfield, MO WFO Region, US	38.28° N / 92.6° W
		27-May-2017 18:55:32	Tornado - St. Louis, MO WFO Region, US	37.51° N / 91.11° W
		27-May-2017 17:23:23	Tornado - St. Louis, MO WFO Region, US	38.25° N / 91.27° W
		27-May-2017 17:19:38	Tornado - Springfield, MO WFO Region, US	37.4° N / 93.05° W
		27-May-2017 17:17:20	Tornado - Paducah, KY WFO Region, US	37.05° N / 90.43° W
		27-May-2017 17:15:33	Tornado - Kansas City, MO WFO Region, US	38.98° N / 92.76° W

Source: PDC

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



United States ranks **149** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: PDC

Regional Overview

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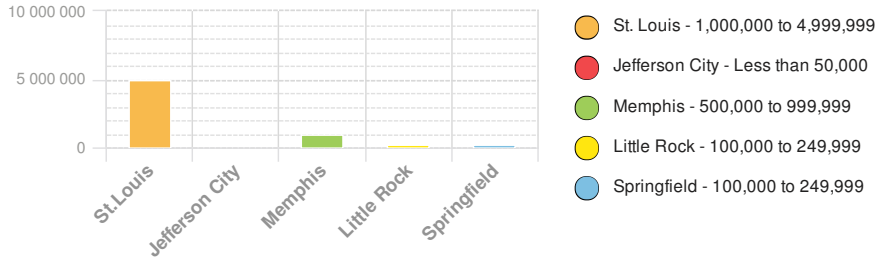
Population Data:

2011

Total: 10, 476, 196
Max Density: 16, 387(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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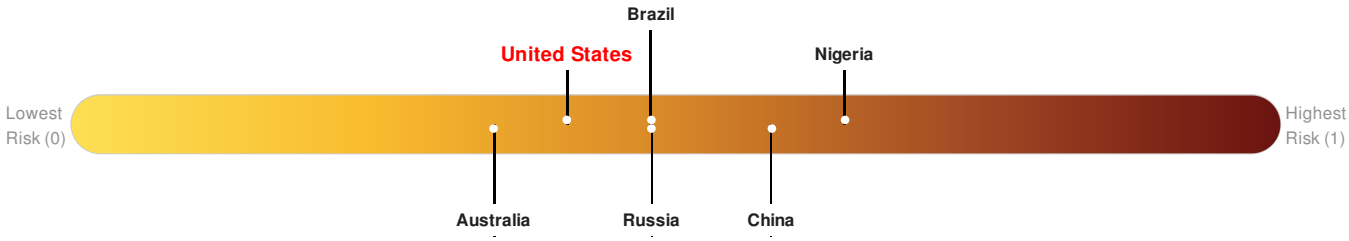
Multi Hazard Risk Index:

United States ranks **121** out of **165** on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: PDC

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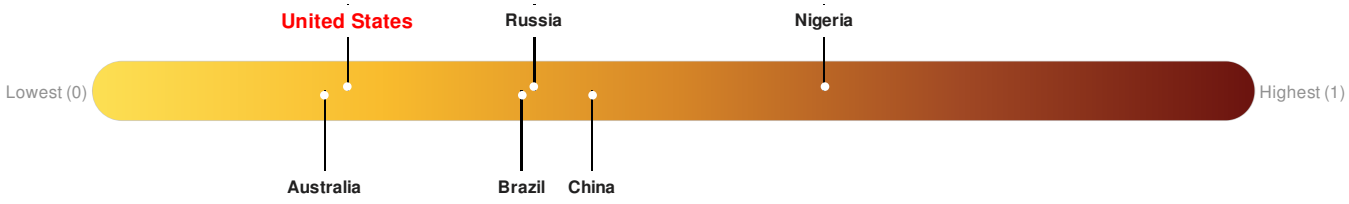

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Source: PDC

Historical Hazards

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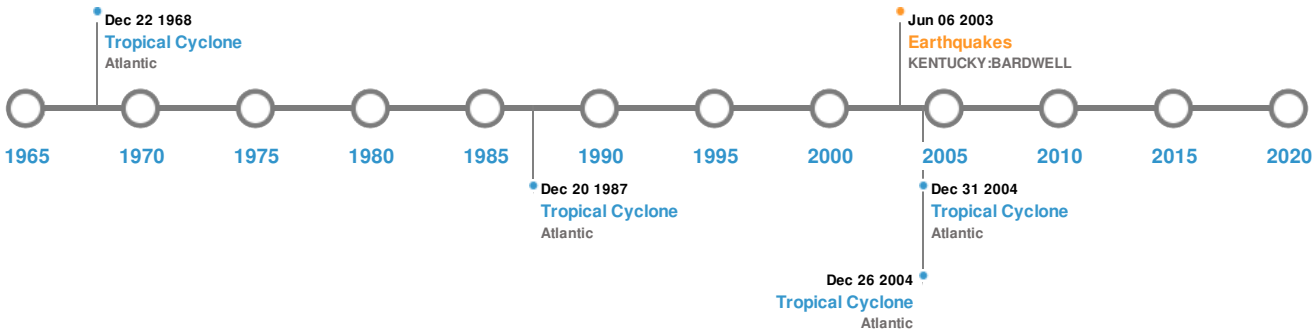
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	07-Feb-1812 00:09:00	8.80	-	MISSOURI: NEW MADRID	36.5° N / 89.6° W
	16-Dec-1811 00:08:00	8.50	-	ARKANSAS: NORTHEAST (NEW MADRID EARTHQUAKES)	35.6° N / 90.4° W
	23-Jan-1812 00:15:00	8.40	-	MISSOURI: NEW MADRID	36.3° N / 89.6° W
	16-Dec-1811 00:14:00	8.00	-	ARKANSAS: NORTHEAST (NEW MADRID EARTHQUAKES)	35.6° N / 90.4° W
	06-Jun-2003 00:12:00	4.00	3	KENTUCKY: BARDWELL	36.87° N / 88.98° 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
		09-Sep-1988 00:00:00 - 20-Sep-1988				

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	GILBERT	00:00:00	184	888	Atlantic	27.24° N / 78.85° W
	RITA	18-Sep-2005 06:00:00 - 26-Sep-2005 06:00:00	178	897	Atlantic	29.91° N / 82° W
	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° W
	KATRINA	24-Aug-2005 00:00:00 - 31-Aug-2005 06:00:00	173	902	Atlantic	31.11° N / 82.35° 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.

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