<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	INDIANA/VINCENNE	S ZULU	NAIROBI	BANGKOK
	Area Brief: General	<b>16:19:57</b>	22:19:57	22:19:57	<b>02:19:57</b>	05:19:57	<b>09:19:57</b>
	Executive Summary	19 Aug 2018	19 Aug 2018	19 Aug 2018	20 Aug 2018	20 Aug 2018	20 Aug 2018

Region Selected » Lower Left Latitude/Longitude: 34.2345 N°, -95.219 E° Upper Right Latitude/Longitude: 40.2345 N°, -89.219 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.

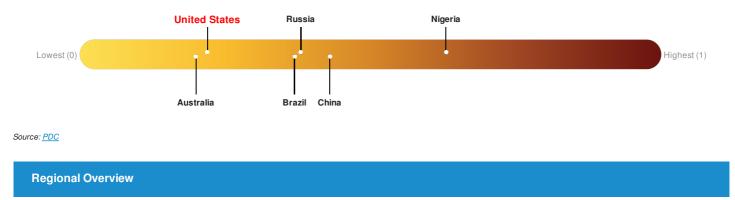
## **Current Hazards:**

Active Tornado								
Event	Severity	Date (UTC)	Name	Lat/Long				
	!	19-Aug-2018 21:15:58	Tornado - Springfield, MO WFO Region, US	37.23° N / 92.22° W				
	1	19-Aug-2018 21:11:25	Tornado - Little Rock, AR WFO Region, US	35.87° N / 91.81° 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.

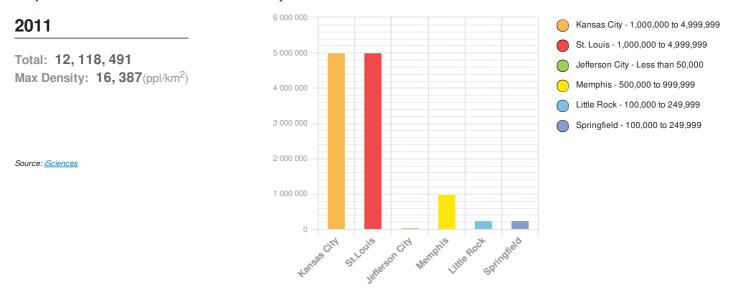
United States ranks 149 out of 165 countries assessed for Lack of Resilience. United States is less resilient than 10% of countries assessed. This indicates that United States has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



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### **Population Data:**

#### **Populated Areas:**



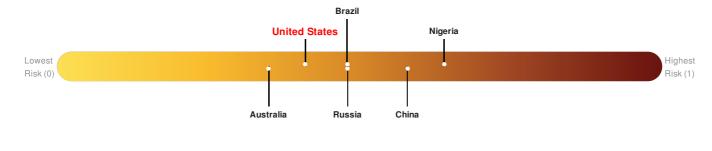
#### **Risk & Vulnerability**

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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.

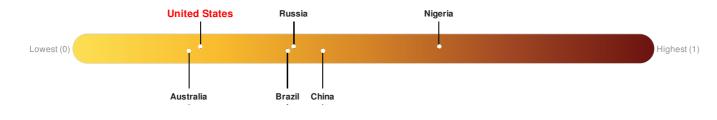


Source: PDC

### Lack of Resilience Index:

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### **Historical Hazards:**



## Earthquakes:

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
<b></b>	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
	11-Jun-2017 12:40:25	4.00	12.59	15km NNE of Harrison, Arkansas	36.36° N / 93.06° 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	
٥	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	GILBERT Name	00:00:00 Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Atlantic Location	27.24° N / 78.85° W Lat/Long
Ó	RITA	18-Sep-2005 06:00:00 - 26-Sep-2005 06:00:00	178	897	Atlantic	29.91° N/82° W
٢	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° W
٢	UNNAMED	31-Jul-1947 12:00:00 - 22-Oct-1947 06:00:00	161	No Data	Atlantic	26.08° N / 59.8° W

Source: Tropical Cyclones

**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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