HONOLULU 16:50:32 18 May 2017 MATAMOROS 21:50:32 18 May 2017 WASH.D.C. 22:50:32 18 May 2017 ZULU 02:50:32 19 May 2017 NAIROBI 05:50:32 19 May 2017 BANGKOK 09:50:32 19 May 2017

Region Selected » Lower Left Latitude/Longitude: 28.8025 N°, -101.6007 E° Upper Right Latitude/Longitude: 34.80249999999995 N°, -95.6007 E°



Situational Awareness

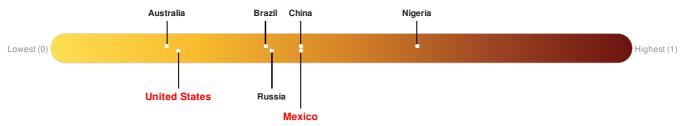
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Active Tornado						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	19-May-2017 02:47:16	Tornado - Dallas/Fort Worth, TX WFO Region, US	31.8° N / 98.6° W		
	0	19-May-2017 02:13:15	Tornado - Norman, OK WFO Region, US	33.72° N / 98.19° W		
	0	19-May-2017 01:11:21	Tornado - Norman, OK WFO Region, US	33.69° N / 98.74° W		
	0	19-May-2017 01:07:19	Tornado - Dallas/Fort Worth, TX WFO Region, US	32.11° N / 99.03° W		
	0	19-May-2017 00:23:45	Tornado - San Angelo, TX WFO Region, US	32.02° N / 99.08° W		
	1	18-May-2017 19:05:23	Tornado - Lubbock, TX WFO Region, US	33.18° N / 100.25° W		
	!	18-May-2017 19:03:27	Tornado - Dallas/Fort Worth, TX WFO Region, US	32.54° N / 97.73° W		
•	1	18-May-2017 18:59:23	Tornado - San Angelo, TX WFO Region, US	32° N/99.88° W		

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. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



Mexico ranks 82 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 Governance, Marginalization and Infrastructure.

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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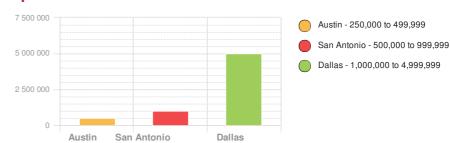
Population Data:

2011

Total: 14, 137, 100

Max Density: 27, 218(ppl/km²)

Populated Areas:



Source: iSciences

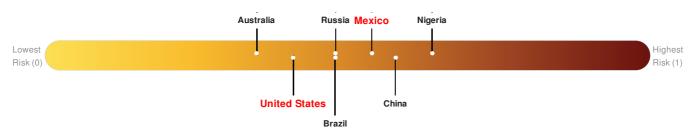
Risk & Vulnerability

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Multi Hazard Risk Index:

Mexico ranks 53 out of 165 on the Multi-Hazard Risk Index with a score of 0.54. Mexico is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

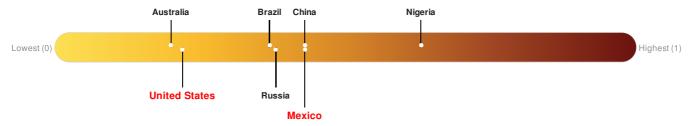
United States ranks 121 out of 165 on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: PDC

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. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



Mexico ranks 82 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 Governance, Marginalization and Infrastructure.

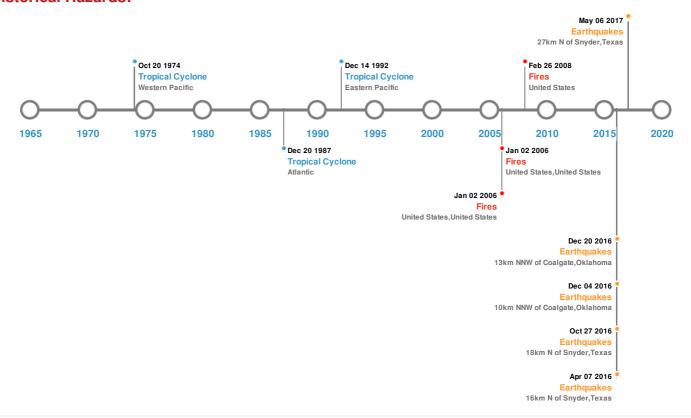
United States ranks 149 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: PDC

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	
*	20-Dec-2016 09:32:20	3.30	7.95	13km NNW of Coalgate, Oklahoma	34.66° N / 96.26° W	
*	27-Oct-2016 08:02:21	2.90	4.07	18km N of Snyder, Texas	32.89° N / 100.9° W	
*	06-May-2017 01:51:33	2.70	5	27km N of Snyder, Texas	32.96° N / 100.88° W	
*	04-Dec-2016 03:14:10	2.70	5	10km NNW of Coalgate, Oklahoma	34.63° N / 96.25° W	
*	07-Apr-2016 10:12:17	2.70	3.26	16km N of Snyder, Texas	32.86° N / 100.9° W	

Source: Earthquakes

Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
*	01-Jan-2006 00:00:00 - 02-Jan-2006 00:00:00	14.90	United States, United States	31.68° N / 100.91° W		

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	26-Feb-2008 04:55:00 - 26-Feb-2008 04:55:00	14.80	United States	31.56° N / 101.2° W
*	02-Jan-2006 00:00:00 - 02-Jan-2006 00:00:00	10.80	United States, United States	32.28° N / 98.7° W

Source: Wildfires

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	GILBERT	09-Sep-1988 00:00:00 - 20-Sep-1988 00:00:00	184	888	Atlantic	27.24° N / 78.85° W
	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° W
	UNNAMED	31-Jul-1947 12:00:00 - 22-Oct-1947 06:00:00	161	No Data	Atlantic	26.08° N / 59.8° W
	LIDIA	08-Sep-1993 18:00:00 - 14-Sep-1993 06:00:00	150	930	Eastern Pacific	20.08° N / 102.3° W
	CARMEN	29-Aug-1974 12:00:00 - 20-Oct-1974 12:00:00	150	No Data	Western Pacific	21.12° N / 18.1° E

Source: Tropical Cyclones

Disclosures

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^{*} 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.