

HONOLULU 17:53:25 29 Apr 2017 MEXICO CITY 22:53:25 29 Apr 2017 WASH.D.C. 23:53:25 29 Apr 2017 ZULU 03:53:25 30 Apr 2017 NAIROBI 06:53:25 30 Apr 2017 BANGKOK 10:53:25 30 Apr 2017

Region Selected » Lower Left Latitude/Longitude: 15.307835552 N°, -104.636773337 E° Upper Right Latitude/Longitude: 21.307835552 N°, -98.636773337 E°



Situational Awareness

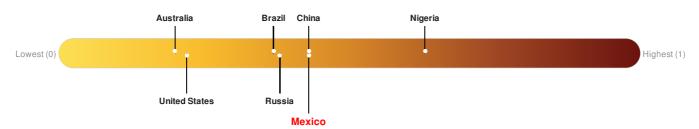
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Active Wild Fire							
Event S	Severity	Date (UTC)	Name	Lat/Long			
	1	30-Apr-2017 03:52:29	Wildfire - NE of Lazaro Cardenas, Michoacán - Mexico	18.31° N / 101.64° 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.



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.

Source: PDC

Regional Overview

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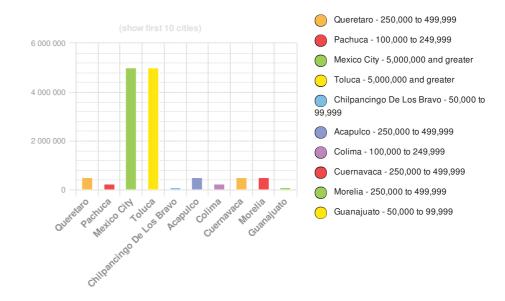
Population Data:

2011

Total: 48, 940, 528

Max Density: 67, 084(ppl/km²)

Source: iSciences

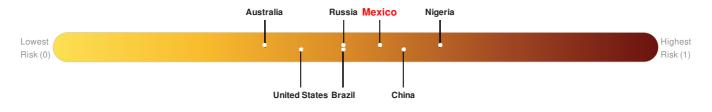


Risk & Vulnerability

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Multi Hazard Risk Index:

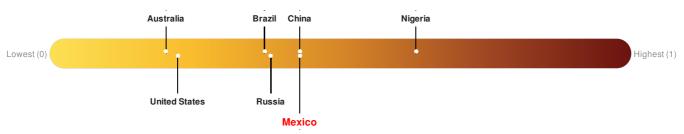
Mexico ranks 53 out of 165 on the Multi-Hazard Risk Index with a score of 0.54. Mexico is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.



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.



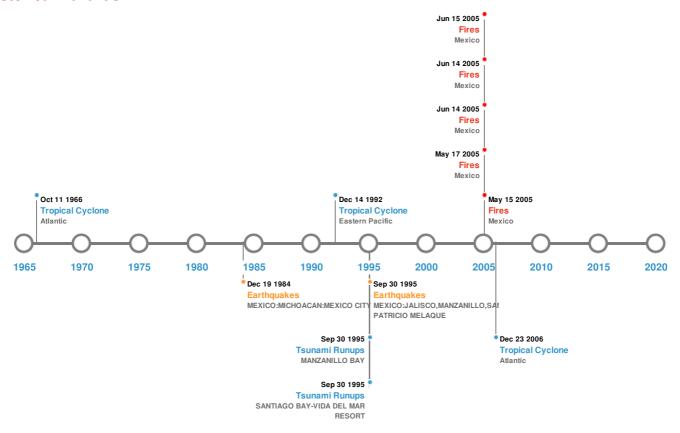
Mexico ranks 82 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Governance, Marginalization and Infrastructure.

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		
	15-Apr-1907 00:06:00	8.30	60	MEXICO: GUERRERO	17° N / 100° W		
*	19-Sep-1985 00:13:00	8.10	28	MEXICO: MICHOACAN: MEXICO CITY	18.19° N / 102.53° W		
*	03-Jun-1932 00:10:00	8.10	60	MEXICO: NEAR COAST OF JALISCO	19.5° N / 104.25° W		
*	26-Mar-1908 00:23:00	8.10	80	MEXICO: GUERRERO	18° N / 99° W		
*	09-Oct-1995 00:15:00	8.00	33	MEXICO: JALISCO, MANZANILLO, SAN PATRICIO MELAQUE	19.05° N / 104.2° W		

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Event Name Date (UTC) Volcanic Explosivity Index Location Lat/Long						
	COLIMA VOLCANIC COMP	20-Jan-1913 00:00:00	4.00	MEXICO	19.51° N / 103.62° W		

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	COLIMA VOLCANIC COMP	05-Feb-1818 00:00:00	4.00	MEXICO	19.51° N / 103.62° W
♦	MICHOACAN-GUANAJUATO	29-Sep-1759 00:00:00	4.00	MEXICO	19.48° N / 102.25° W
	PARICUTIN FIELDS	20-Feb-1943 00:00:00	3.00	MEXICO	19.48° N / 102.25° W
♦	COLIMA VOLCANIC COMP	15-Apr-1941 00:00:00	3.00	MEXICO	19.51° N / 103.62° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
♦	09-Oct-1995 00:00:00	MEXICO	11	-	SANTIAGO BAY - VIDA DEL MAR RESORT	19.1° N / 104.4° W	
♦	16-Nov-1925 00:00:00	MEXICO	11	-	ZIHUATANEJO	17.67° N / 101.64° W	
\$	22-Jun-1932 13:04:00	MEXICO	10	75	CUYUTLAN	18.92° N / 104.07° W	
\$	30-Jul-1909 00:00:00	MEXICO	9	-	ACAPULCO	16.83° N / 99.92° W	
\$	09-Oct-1995 00:00:00	MEXICO	4.7	-	MANZANILLO BAY	19.05° N / 104.33° W	

Source: <u>Tsunamis</u>

Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
*	20-Apr-2005 00:00:00 - 15-May-2005 00:00:00	23.20	Mexico	20.93° N / 104.23° W		
*	13-May-2005 00:00:00 - 14-Jun-2005 00:00:00	20.20	Mexico	20.47° N / 104.21° W		
*	20-Apr-2005 00:00:00 - 17-May-2005 00:00:00	19.30	Mexico	20.79° N / 103.84° W		
⋄	02-May-2005 00:00:00 - 15-Jun-2005 00:00:00	17.90	Mexico	20.8° N/103.85° W		
*	09-May-2005 00:00:00 - 14-Jun-2005 00:00:00	13.90	Mexico	21.19° N / 104.4° 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
	JANET	22-Sep-1955 00:00:00 - 30-Sep-1955 06:00:00	173	No Data	Atlantic	15.83° N / 76.55° W
	DEAN	13-Aug-2007 21:00:00 - 23-Aug-2007 03:00:00	167	906	Atlantic	15.63° N / 65.8° W
	1959-10- 23	23-Oct-1959 12:00:00 - 29-Oct-1959 12:00:00	161	No Data	Eastern Pacific	17.87° N / 101.7° W
	INEZ	21-Sep-1966 18:00:00 - 11-Oct-1966 12:00:00	150	No Data	Atlantic	17.28° N / 67.85° W
	LIDIA	08-Sep-1993 18:00:00 - 14-Sep-1993 06:00:00	150	930	Eastern Pacific	20.08° N / 102.3° 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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