



















Region Selected » Lower Left Latitude/Longitude: 12.1338 N° , -96.8726 E°
Upper Right Latitude/Longitude: 18.1338 N° , -90.8726 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:

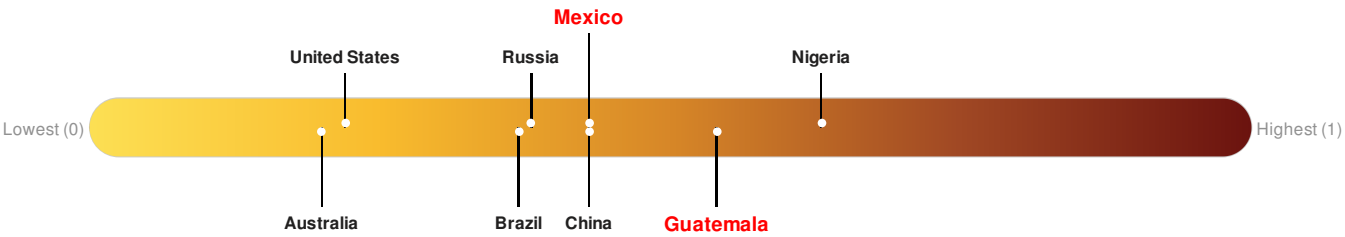
Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		09-Sep-2017 05:12:37	5.4	47.33	88km SSW of Tres Picos, Mexico	15.13° N / 93.87° W
		09-Sep-2017 03:02:16	5.1	50.54	64km SSE of San Mateo del Mar, Mexico	15.64° N / 94.83° W
		08-Sep-2017 22:49:44	5	25.93	68km SSW of Tres Picos, Mexico	15.33° N / 93.86° W
		08-Sep-2017 19:22:43	5.3	50.89	9km WSW of San Dionisio del Mar, Mexico	16.3° N / 94.83° W
		08-Sep-2017 18:51:50	5	35.17	53km SSE of San Mateo del Mar, Mexico	15.74° N / 94.87° W
		08-Sep-2017 16:33:42	5	64.18	75km SSW of Paredon, Mexico	15.37° N / 94.03° W
		08-Sep-2017 15:12:08	5.3	46.53	80km SW of Paredon, Mexico	15.54° N / 94.42° W
		08-Sep-2017 15:12:06	5	60.14	84km SW of Paredon, Mexico	15.44° N / 94.37° W
						

Event	Severity	08-Sep-2017 15:01:44 Date (UTC)	5 Magnitude	66.8 Depth (km)	44km S of Chahuite, Mexico Location	15.9° N / 94.26° W Lat/Long
		08-Sep-2017 12:50:57	5.2	64.61	84km SW of Paredon, Mexico	15.49° N / 94.42° W
		08-Sep-2017 11:50:16	5	32.83	49km SSE of San Mateo del Mar, Mexico	15.8° N / 94.79° W
		08-Sep-2017 08:50:54	5.3	69.63	79km SW of Tres Picos, Mexico	15.28° N / 93.97° W
		08-Sep-2017 05:58:48	5	25.75	64km S of San Francisco del Mar, Mexico	15.66° N / 94.61° W
		08-Sep-2017 05:55:45	5.2	55.11	83km SW of Paredon, Mexico	15.46° N / 94.37° W
		08-Sep-2017 05:51:35	5.3	59.73	72km SSE of San Francisco del Mar, Mexico	15.6° N / 94.49° W
		08-Sep-2017 05:50:27	5.2	64.72	75km SSW of Paredon, Mexico	15.43° N / 94.19° W
		08-Sep-2017 05:34:14	5.7	54.48	11km SSW of Paredon, Mexico	15.94° N / 93.91° W
		08-Sep-2017 04:56:23	8.1	69.65	87km SW of Pijijiapan, Mexico	15.07° N / 93.72° 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. **Guatemala** ranks **44** out of **165** on the Lack of Resilience index with a score of 0.54. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43.



Guatemala ranks **44** 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 Population Pressures, Info Access Vulnerability and Governance.

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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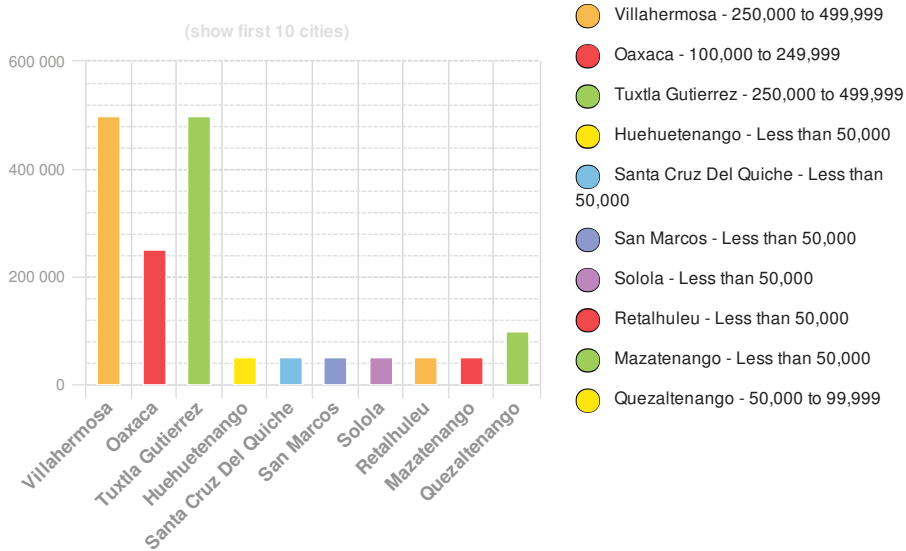
Population Data:

Populated Areas:

2011

Total: 14,766,007
Max Density: 49,251 (ppl/km²)

Source: [iSciences](#)



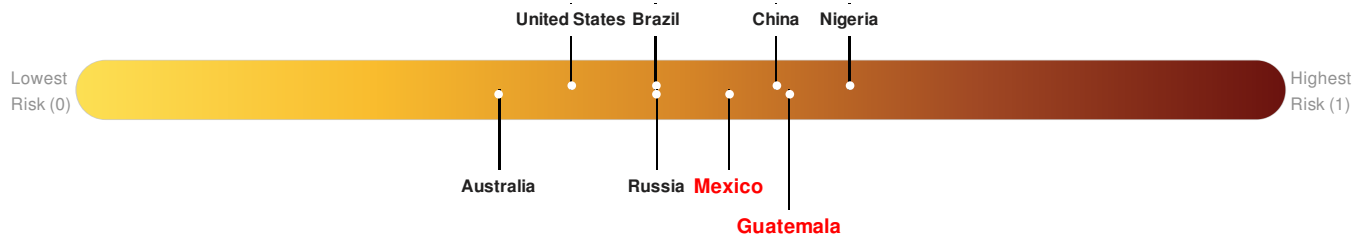
Risk & Vulnerability

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Multi Hazard Risk Index:

Guatemala ranks **28** out of **165** on the Multi-Hazard Risk Index with a score of 0.59. Guatemala is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

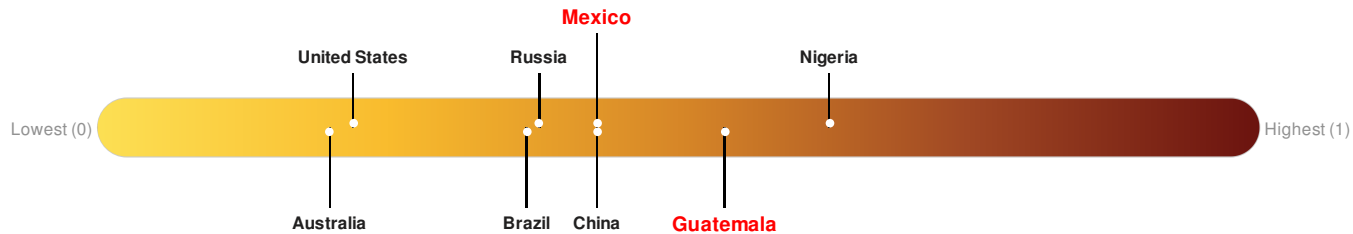
Mexico ranks **53** out of **165** on the Multi-Hazard Risk Index with a score of 0.54. Mexico is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.



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. **Guatemala** ranks **44** out of **165** on the Lack of Resilience index with a score of 0.54. **Mexico** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43.



Guatemala ranks **44** 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 Population Pressures, Info Access Vulnerability and Governance.

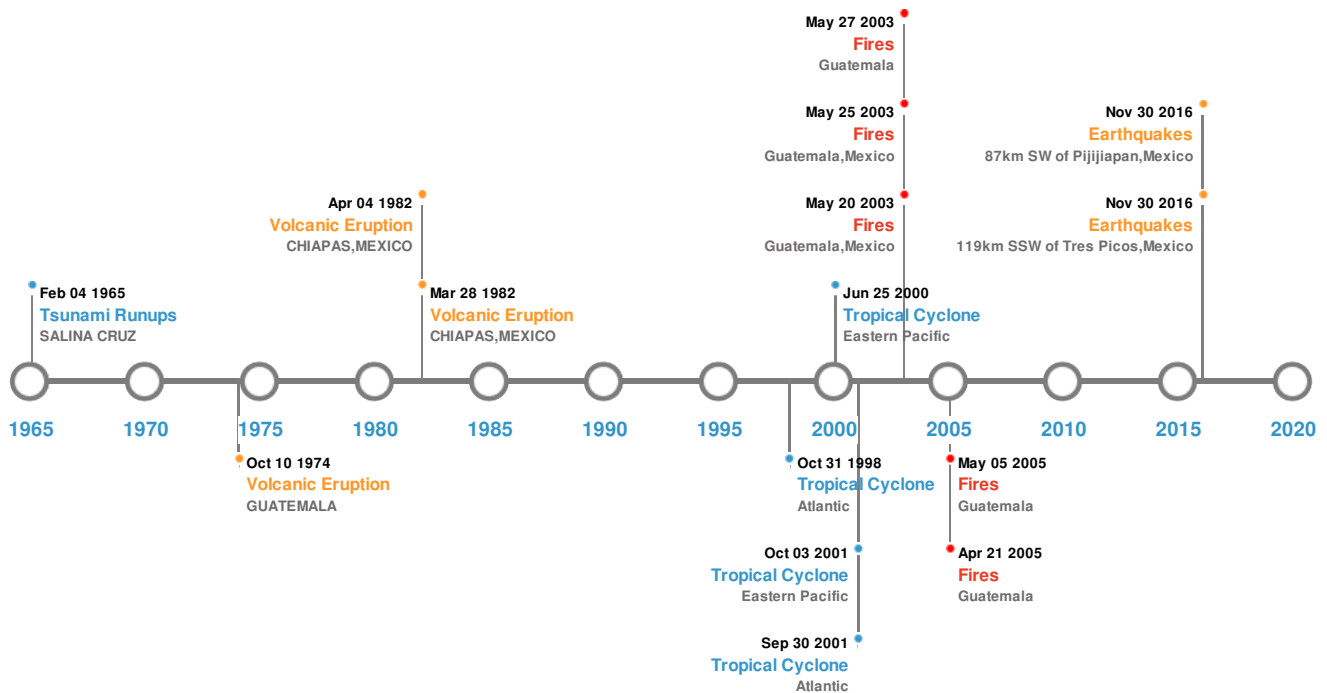
Mexico ranks **82** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Governance, Marginalization and Infrastructure.

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
	23-Sep-1902 00:20:00	8.40	100	MEXICO: VENUSTIANO CARRANZA, CHIAPAS, CHIS, TABASCO	16.6° N / 92.6° W
	08-Sep-2017 04:49:21	8.10	69.65	87km SW of Pijijiapan, Mexico	15.07° N / 93.72° W
	08-Sep-2017 04:49:17	8.00	33	119km SSW of Tres Picos, Mexico	14.9° N / 94.03° W
	06-Aug-1942 00:23:00	7.90	50	GUATEMALA: NEAR S COAST	14° N / 91° W
	15-Jan-1931 00:01:00	7.90	50	MEXICO: OAXACA	16.1° N / 96.8° W

Source: [Earthquakes](#)

Volcanic Eruptions:





5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SANTA MARIA	24-Oct-1902 00:00:00	6.00	GUATEMALA	14.76° N / 91.55° W
	EL CHICHON	04-Apr-1982 00:00:00	4.00	CHIAPAS, MEXICO	17.3° N / 93.22° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	EL CHICHON	28-Mar-1982 00:00:00	4.00	CHIAPAS, MEXICO	17.3° N / 93.22° W
	FUEGO	10-Oct-1974 00:00:00	4.00	GUATEMALA	14.47° N / 90.88° W
	FUEGO	21-Jan-1932 00:00:00	4.00	GUATEMALA	14.47° N / 90.88° W






Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	03-Apr-1787 00:00:00	MEXICO	4	-	POCHUTLA	15.73° N / 96.47° W
	03-Apr-1787 00:00:00	MEXICO	4	-	OAXACA COAST	15.8° N / 96.8° W
	22-May-1960 04:56:00	MEXICO	0.79	-	SALINA CRUZ	16.17° N / 95.2° W
	04-Nov-1952 06:40:00	MEXICO	0.6	-	SALINA CRUZ	16.17° N / 95.2° W
	04-Feb-1965 00:00:00	MEXICO	0.5	-	SALINA CRUZ	16.17° N / 95.2° W

Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	11-Feb-2003 00:00:00 - 27-May-2003 00:00:00	188.60	Guatemala	16.82° N / 90.5° W
	04-Mar-2003 00:00:00 - 20-May-2003 00:00:00	118.80	Guatemala,Mexico	17.13° N / 90.77° W
	06-Mar-2003 00:00:00 - 25-May-2003 00:00:00	118.10	Guatemala,Mexico	17.84° N / 90.56° W
	18-Feb-2005 00:00:00 - 05-May-2005 00:00:00	53.70	Guatemala	16.93° N / 90.75° W
	31-Jan-2005 00:00:00 - 21-Apr-2005 00:00:00	47.30	Guatemala	17.51° N / 90.76° 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

Event	Name	Start/End Date (UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
		22-Oct-1998 06:00:00 - 09-Nov-1998 18:00:00				37.16° N / 105.65° W
	CARLOTTA	19-Jun-2000 00:00:00 - 25-Jun-2000 06:00:00	155	932	Eastern Pacific	17.77° N / 105.65° W
	UNNAMED	21-Aug-1949 12:00:00 - 05-Nov-1949 00:00:00	150	No Data	Atlantic	35.8° N / 61.95° W
	IRIS	04-Oct-2001 18:00:00 - 09-Oct-2001 12:00:00	144	948	Atlantic	14.38° N / 75.05° W
	JULIETTE	21-Sep-2001 21:00:00 - 03-Oct-2001 03:00:00	144	No Data	Eastern Pacific	21.57° N / 104.4° 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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