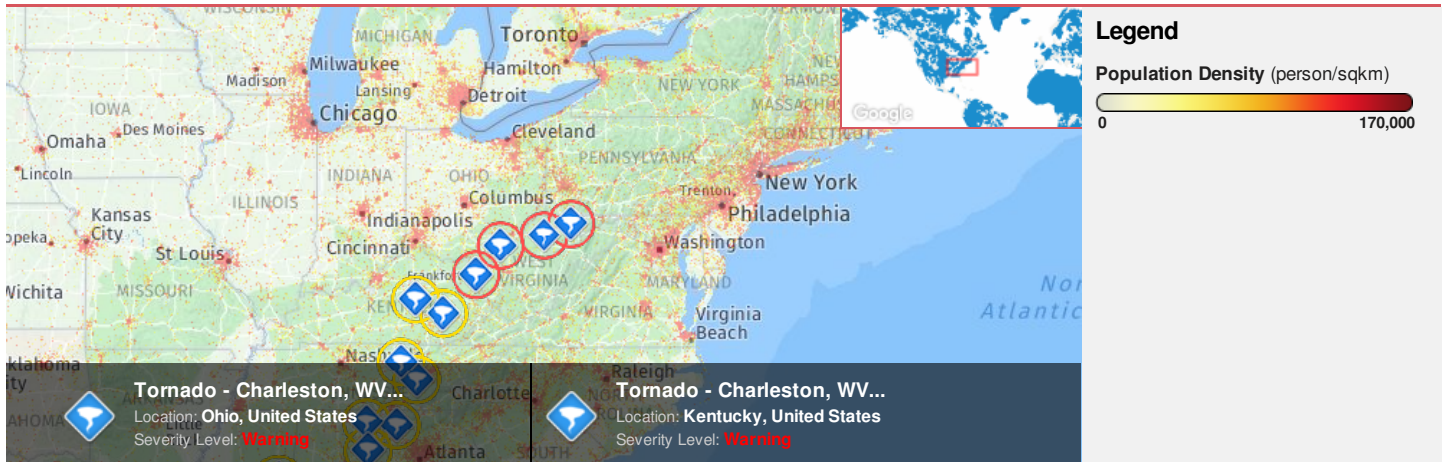




Region Selected » Lower Left Latitude/Longitude: 36.248 N° , -83.605 E°
 Upper Right Latitude/Longitude: 42.248 N° , -77.605 E°



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.

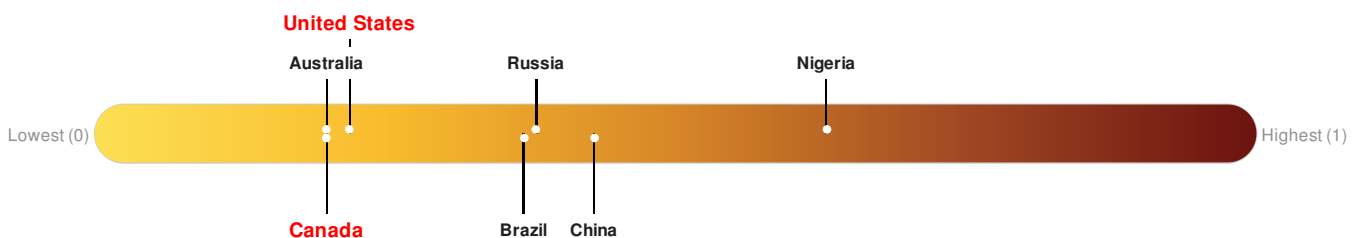
Current Hazards:

Active Tornado				
Event	Severity	Date (UTC)	Name	Lat/Long
		23-Jun-2017 23:35:20	Tornado - Charleston, WV WFO Region, US	39.25° N / 80.61° W
		23-Jun-2017 23:23:14	Tornado - Pittsburgh, PA WFO Region, US	39.52° N / 79.78° W
		23-Jun-2017 22:59:16	Tornado - Charleston, WV WFO Region, US	38.32° N / 82.69° W
		23-Jun-2017 22:23:16	Tornado - Charleston, WV WFO Region, US	39.01° N / 81.93° 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. **Canada** ranks **154** out of **165** on the Lack of Resilience index with a score of 0.2. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



Canada ranks **154** 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 Environmental Capacity, Population Pressures and Economic Constraints.

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

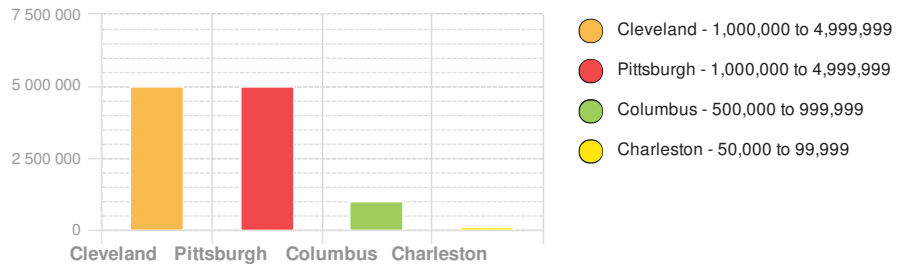
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

Population Data:

2011

Total: 18,837,492
Max Density: 37,151 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

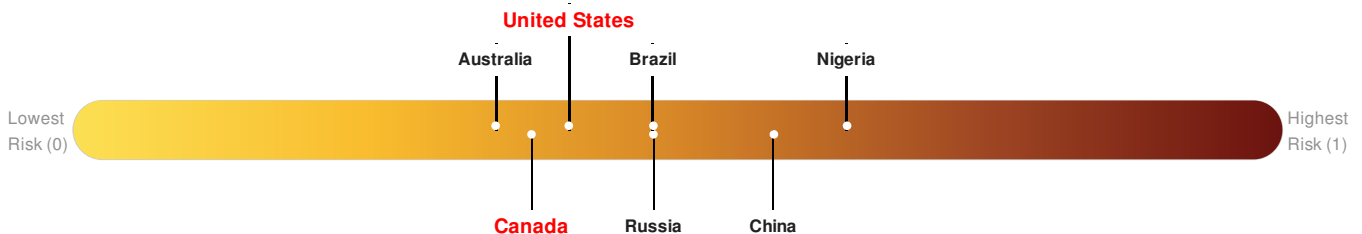
Risk & Vulnerability

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.

Multi Hazard Risk Index:

Canada ranks **132** out of **165** on the Multi-Hazard Risk Index with a score of 0.38. Canada is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.

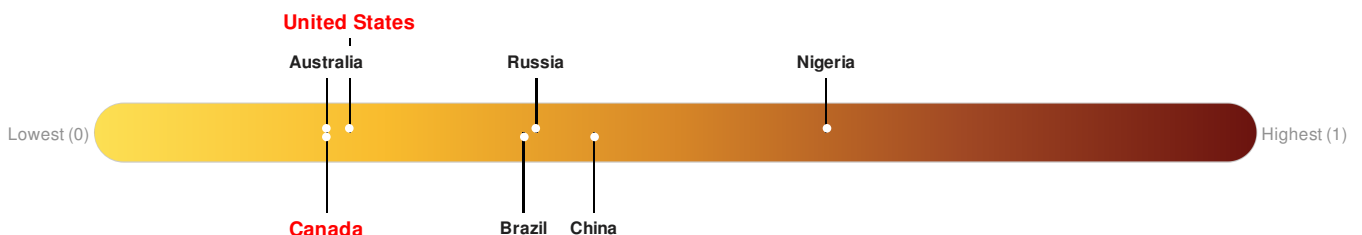
United States ranks **121** out of **165** on the Multi-Hazard Risk Index with a score of 0.41. United States is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



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. **Canada** ranks **154** out of **165** on the Lack of Resilience index with a score of 0.2. **United States** ranks **149** out of **165** on the Lack of Resilience index with a score of 0.22.



Canada ranks **154** 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 Environmental Capacity, Population Pressures and Economic Constraints.

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

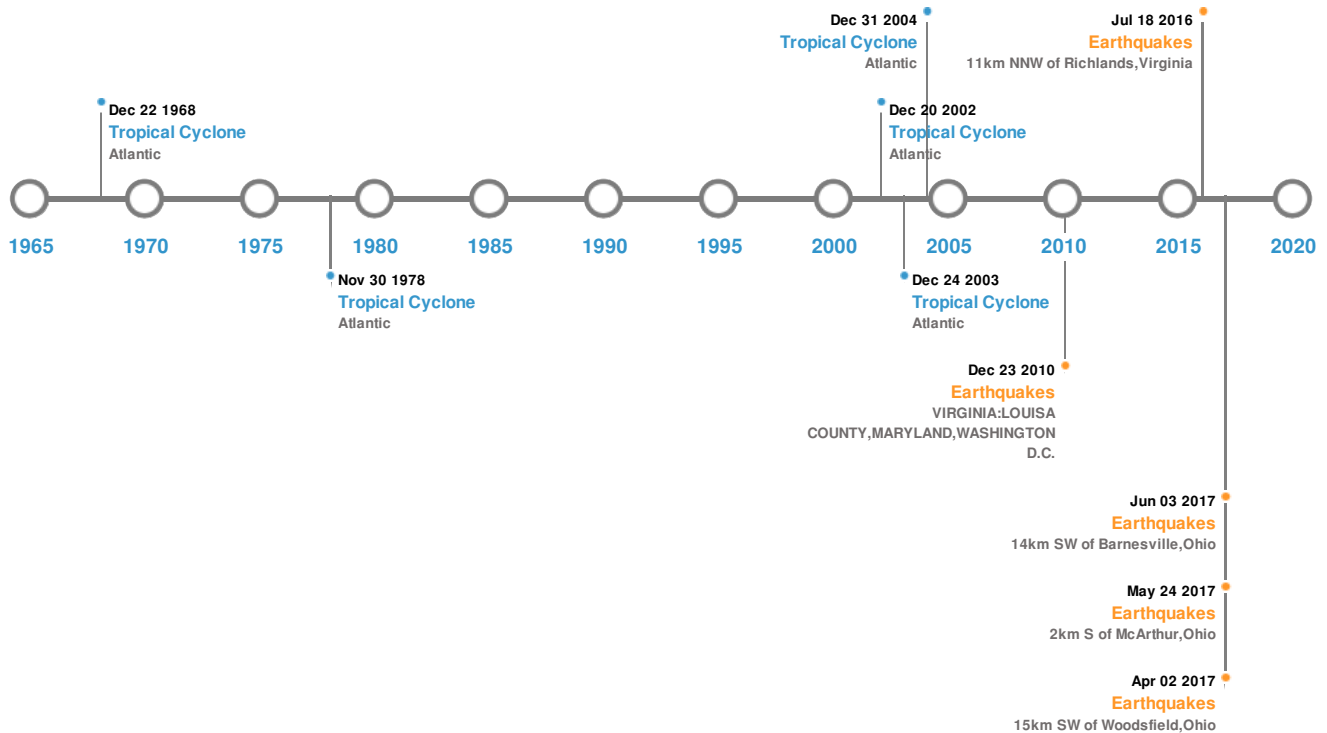
three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: [PDC](#)

Historical Hazards

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.

Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	23-Aug-2011 17:51:04	5.90	6	VIRGINIA: LOUISA COUNTY, MARYLAND, WASHINGTON D.C.	37.94° N / 77.93° W
	03-Jun-2017 03:08:40	3.40	5	14km SW of Barnesville, Ohio	39.91° N / 81.31° W
	24-May-2017 16:24:04	3.40	6.76	2km S of McArthur, Ohio	39.23° N / 82.48° W
	18-Jul-2016 09:53:39	3.40	-	11km NNW of Richlands, Virginia	37.19° N / 81.83° W
	02-Apr-2017 11:58:12	3.00	5.58	15km SW of Woodsfield, Ohio	39.66° N / 81.24° W

Source: [Earthquakes](#)

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	13-Apr-1912 00:00:00	USA	-	-	PAINESVILLE, OH	41.72° N / 81.23° W

Source: [Tsunamis](#)

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
	KATRINA	24-Aug-2005 00:00:00 - 31-Aug-2005 06:00:00	173	902	Atlantic	31.11° N / 82.35° W
	DAVID	25-Aug-1979 18:00:00 - 08-Sep-1979 00:00:00	173	924	Atlantic	31.61° N / 58.65° W
	ISABEL	06-Sep-2003 06:00:00 - 20-Sep-2003 00:00:00	167	915	Atlantic	30.24° N / 56.2° W
	IVAN	03-Sep-2004 00:00:00 - 24-Sep-2004 06:00:00	167	910	Atlantic	23.19° N / 60.9° 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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