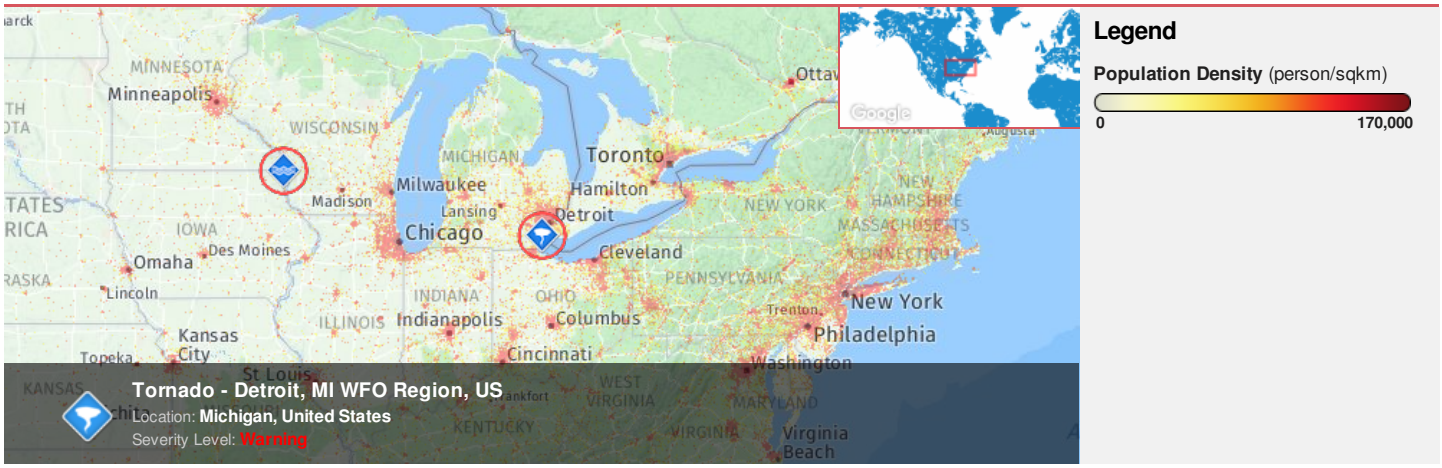
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 15:10:10 25 Sep 2018	WASH.D.C. 21:10:10 25 Sep 2018	DETROIT 21:10:10 25 Sep 2018	ZULU 01:10:10 26 Sep 2018	NAIROBI 04:10:10 26 Sep 2018	BANGKOK 08:10:10 26 Sep 2018

Region Selected » Lower Left Latitude/Longitude: 39.041 N˚ , -86.3152 E˚
Upper Right Latitude/Longitude: 45.041 N˚ , -80.3152 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
		26-Sep-2018 00:21:20	Tornado - Detroit, MI WFO Region, US	42.04° N / 83.32° W

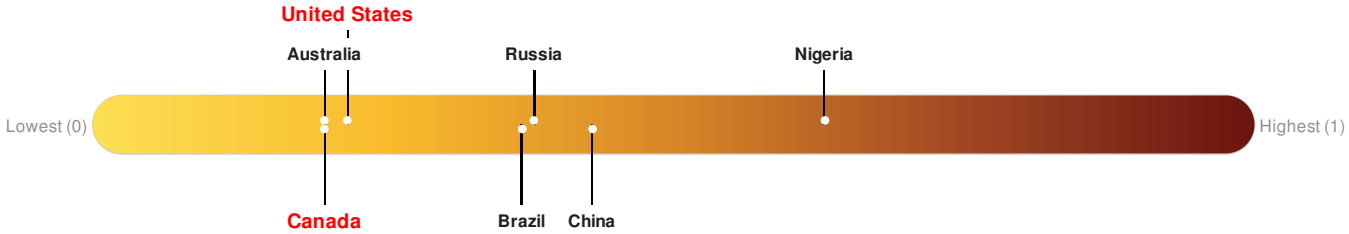
Source: PDC

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.

Canada ranks **154** out of **164** countries assessed for Lack of Resilience. Canada is less resilient than 7% of countries assessed. This indicates that Canada has very low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.

United States ranks **149** out of **164** 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 better able to respond to and recover from a disruption to normal function.



Source: PDC

Regional Overview

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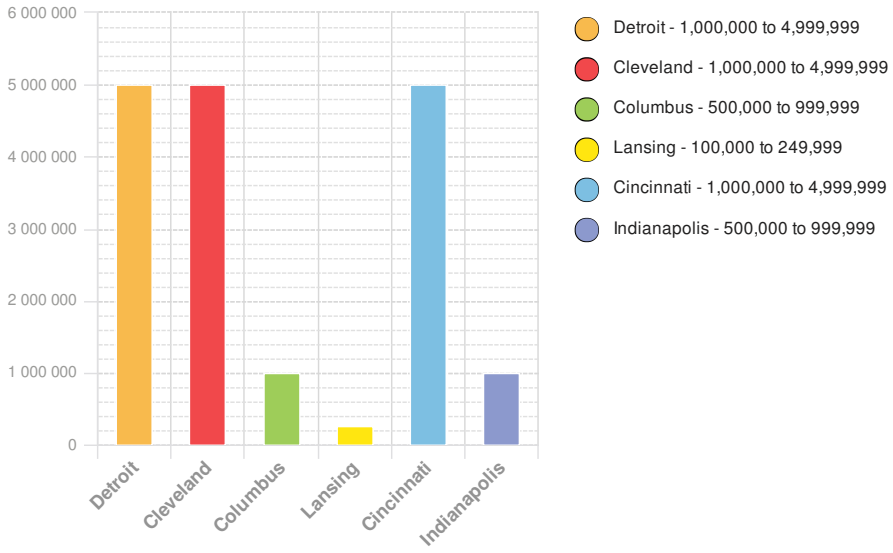
Population Data:

2011

Total: 27, 110, 942
Max Density: 40, 934(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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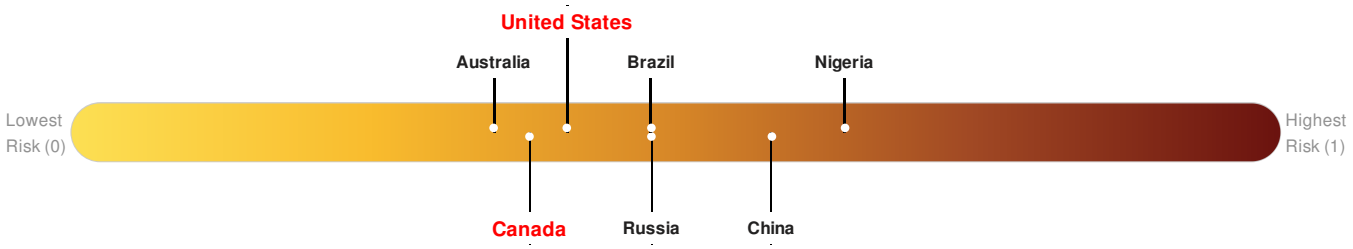
Multi Hazard Risk Index:

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

Canada ranks **80** out of **164** countries assessed for Multi Hazard Risk. Canada has a Multi Hazard Risk higher than 20% of countries assessed. This indicates that Canada has a low likelihood of loss and/or disruption to normal function if exposed to a hazard.

United States ranks **73** out of **164** 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 a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

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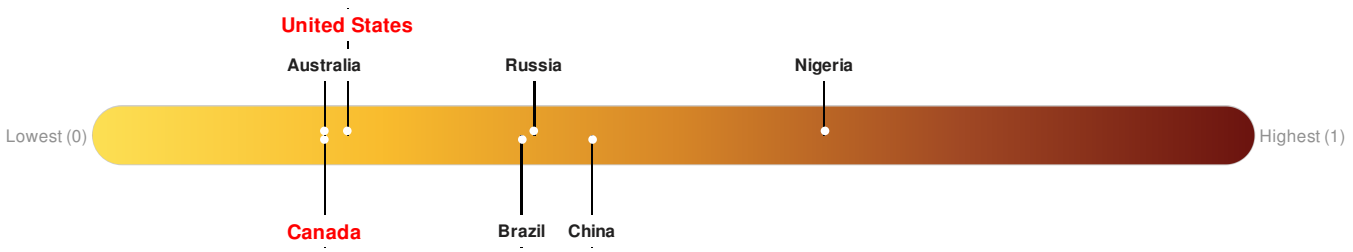

Source: PDC

Historical Hazards

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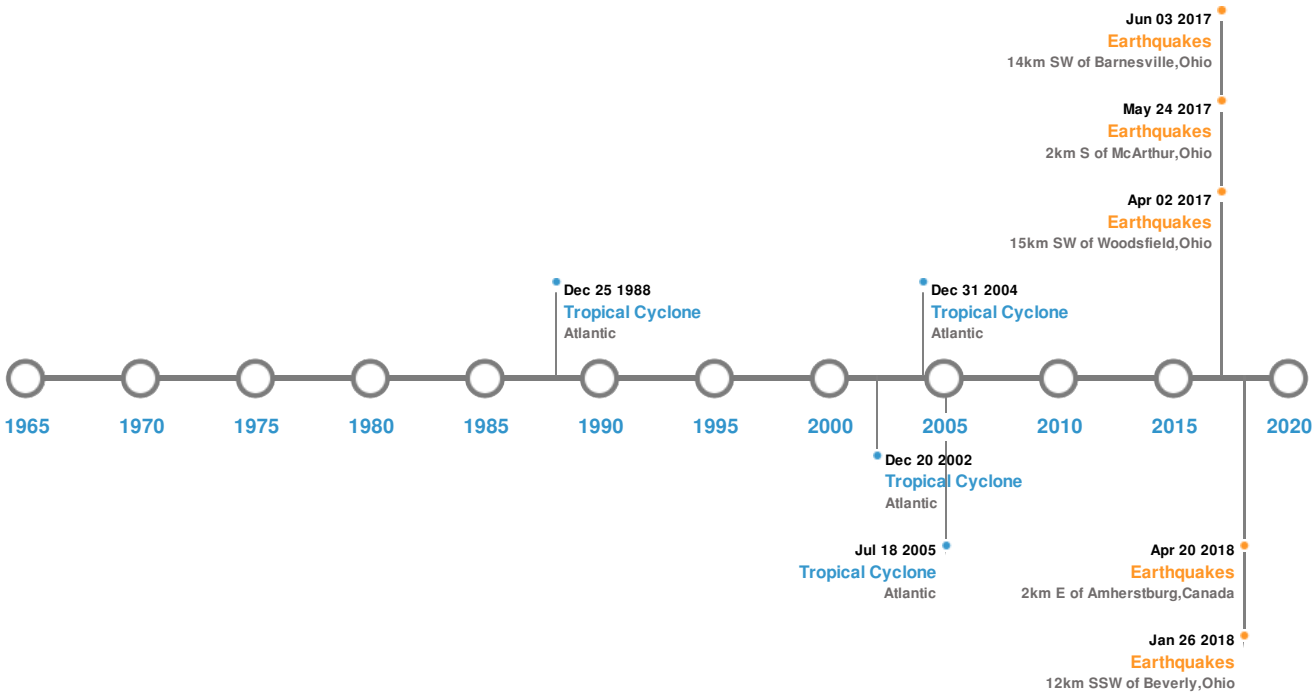
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	20-Apr-2018 00:01:35	3.40	3.28	2km E of Amherstburg, Canada	42.12° N / 83.02° 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
	02-Apr-2017 11:58:12	3.00	5.58	15km SW of Woodsfield, Ohio	39.66° N / 81.24° W
	26-Jan-2018 08:20:47	2.62	11.77	12km SSW of Beverly, Ohio	39.45° N / 81.71° W

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	06-May-1952 00:00:00	USA	1.5	-	LEXINGTON, MI	43.27° N / 82.52° W
	06-May-1952 00:00:00	USA	0.3	-	PORT HURON, MI	42.97° N / 82.42° W

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	06-May-1952 00:00:00	USA	-	-	HARBOR BEACH, MI	43.83° N / 82.65° W
	13-Apr-1912 00:00:00	USA	-	-	PAINESVILLE, OH	41.72° N / 81.23° W
	19-Sep-1884 00:00:00	USA	-	-	IN THE DETROIT RIVER, MI	42.35° N / 82.95° 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
	KATRINA	24-Aug-2005 00:00:00 - 31-Aug-2005 06:00:00	173	902	Atlantic	31.11° N / 82.35° W
	CARLA	03-Sep-1961 18:00:00 - 16-Sep-1961 00:00:00	173	No Data	Atlantic	35.84° N / 81.2° W
	ISABEL	06-Sep-2003 06:00:00 - 20-Sep-2003 00:00:00	167	915	Atlantic	30.24° N / 56.2° W
	HUGO	10-Sep-1989 18:00:00 - 25-Sep-1989 12:00:00	161	918	Atlantic	34.83° N / 50.9° W
	DENNIS	05-Jul-2005 00:00:00 - 18-Jul-2005 06:00:00	150	930	Atlantic	28.44° N / 75° 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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