



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 Floods

Event	Severity	Date (UTC)	Name	Lat/Long
		18-May-2017 18:51:13	Flood - Haiti/Dominican Republic	19.04° N / 71.76° W

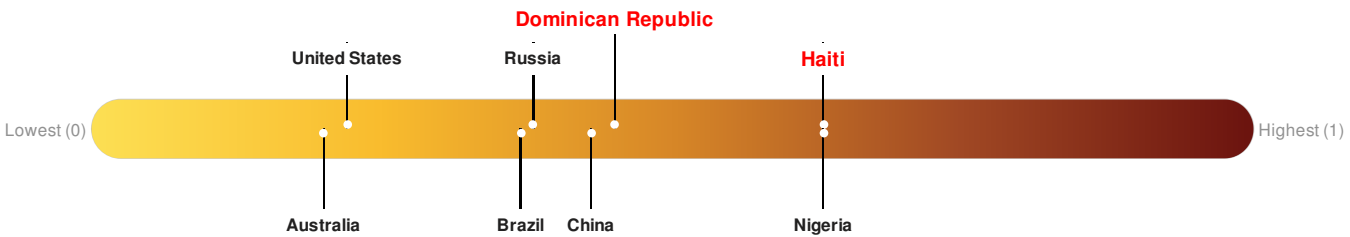
Active Bio Medical

Event	Severity	Date (UTC)	Name	Lat/Long
		05-Oct-2016 19:26:53	Cholera - Haiti	18.65° N / 72.17° 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. There was insufficient data to determine the Lack of Resilience Index score for **Cuba**. **Dominican Republic** ranks **71** out of **165** on the Lack of Resilience index with a score of 0.45. **Haiti** ranks **12** out of **165** on the Lack of Resilience index with a score of 0.63. There was insufficient data to determine the Lack of Resilience Index score for **Turks & Caicos Is.**. There was insufficient data to determine the Lack of Resilience Index score for **The Bahamas**.



There was insufficient data to determine the Lack of Resilience Index score for **Cuba**.

Dominican Republic ranks **71** 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 Marginalization, Infrastructure and Governance.

Haiti ranks **12** 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, Clean Water Vulnerability and Info Access Vulnerability.

There was insufficient data to determine the Lack of Resilience Index score for **Turks & Caicos Is.**

There was insufficient data to determine the Lack of Resilience Index score for **The Bahamas.**

Source: [PDC](#)

Regional Overview

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Population Data:

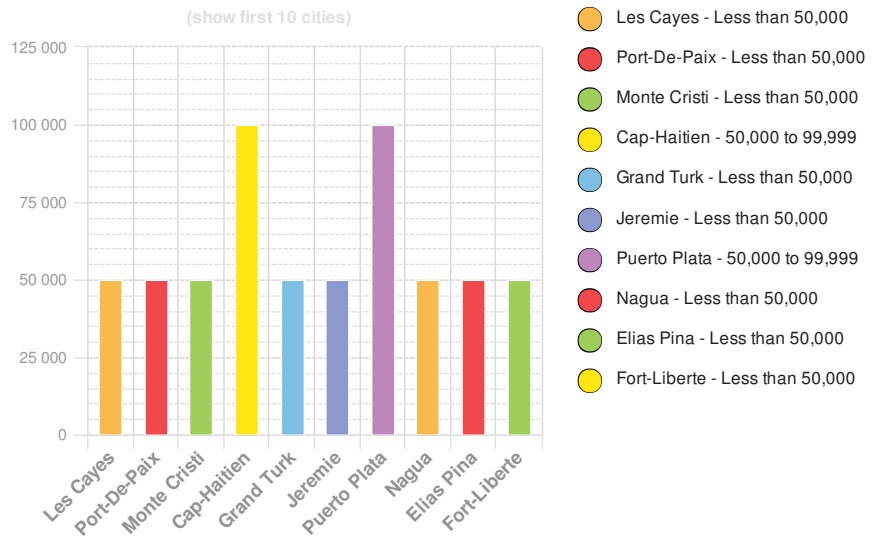
2011

Total: 18,085,892

Max Density: 82,030(ppl/km²)

Source: [iSciences](#)

Populated Areas:



Risk & Vulnerability

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Multi Hazard Risk Index:

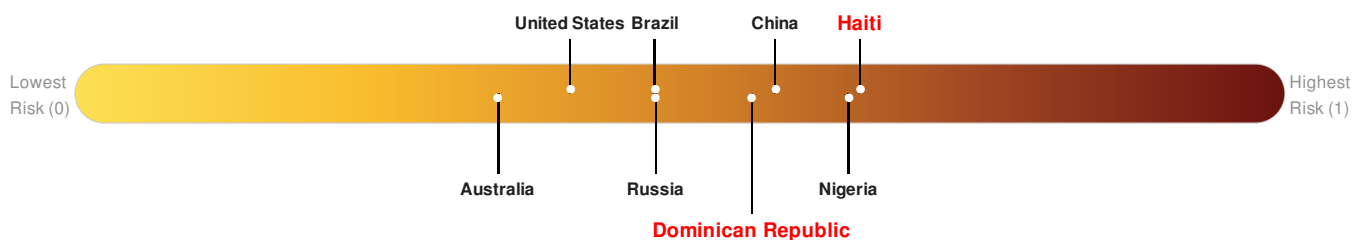
There was insufficient data to determine the Multi Hazard Risk Index score for **Cuba.**

Dominican Republic ranks **40** out of **165** on the Multi-Hazard Risk Index with a score of 0.56. Dominican Republic is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

Haiti ranks **10** out of **165** on the Multi-Hazard Risk Index with a score of 0.65. Haiti is estimated to have relatively high overall exposure, medium vulnerability, and low coping capacity.

There was insufficient data to determine the Multi Hazard Risk Index score for **Turks & Caicos Is.**

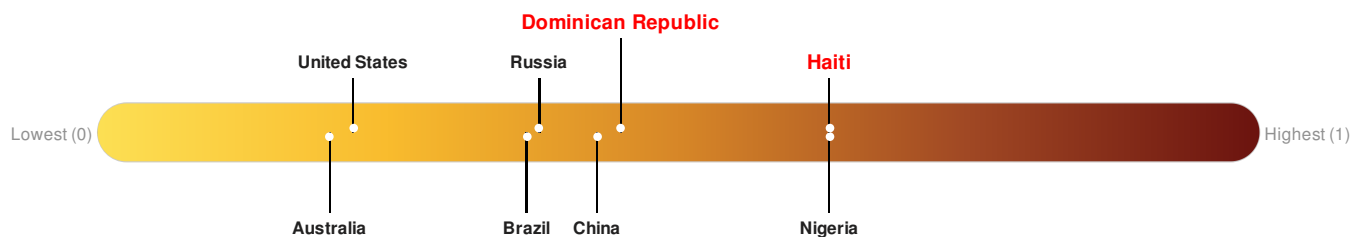
There was insufficient data to determine the Multi Hazard Risk Index score for **The Bahamas.**



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. There was insufficient data to determine the Lack of Resilience Index score for **Cuba**. **Dominican Republic** ranks **71** out of **165** on the Lack of Resilience index with a score of 0.45. **Haiti** ranks **12** out of **165** on the Lack of Resilience index with a score of 0.63. There was insufficient data to determine the Lack of Resilience Index score for **Turks & Caicos Is.**. There was insufficient data to determine the Lack of Resilience Index score for **The Bahamas**.



There was insufficient data to determine the Lack of Resilience Index score for **Cuba**.

Dominican Republic ranks **71** 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 Marginalization, Infrastructure and Governance.

Haiti ranks **12** 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, Clean Water Vulnerability and Info Access Vulnerability.

There was insufficient data to determine the Lack of Resilience Index score for **Turks & Caicos Is.**

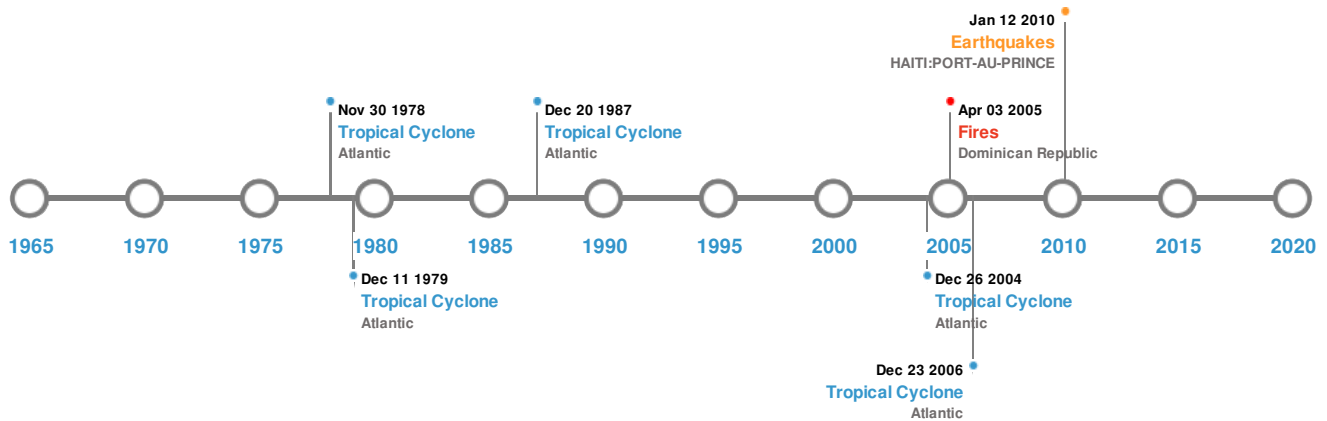
There was insufficient data to determine the Lack of Resilience Index score for **The Bahamas**.

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
	07-May-1842 00:21:00	8.10	-	HAITI: CAP-HAITIEN	19.75° N / 72.2° W
	04-Aug-1946 00:17:00	7.80	60	DOMINICAN REPUBLIC: NORTHEASTERN COAST	19.3° N / 68.9° W
	08-Aug-1946 00:13:00	7.40	50	DOMINICAN REPUBLIC: NORTHEASTERN COAST	19.71° N / 69.51° W
	31-May-1953 00:19:00	7.20	33	DOMINICAN REPUBLIC: PUERTO PLATA	19.8° N / 70.7° W
	12-Jan-2010 00:21:00	7.00	13	HAITI: PORT-AU-PRINCE	18.46° N / 72.53° W

Source: [Earthquakes](#)

Tsunami Runups:

5 Largest Tsunami Runups


Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	04-Aug-1946 00:00:00	DOMINICAN REPUBLIC	5	-	NAGUA	19.42° N / 69.82° W
	04-Aug-1946 00:00:00	DOMINICAN REPUBLIC	5	-	RIO BOBA	19.47° N / 69.87° W

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	07-May-1842 00:00:00	HAITI	4.6	300	PORT-DE-PAIX	19.93° N / 72.87° W
	01-Nov-1755 00:00:00	DOMINICAN REPUBLIC	3.7	-	SAMANA BAY	19.22° N / 69.32° W
	04-Aug-1946 00:00:00	DOMINICAN REPUBLIC	2.5	1790	MATANZAS	18.23° N / 70.42° W

Source: [Tsunamis](#)

Wildfires:





5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	01-Mar-2005 00:00:00 - 03-Apr-2005 00:00:00	12.40	Dominican Republic	19.01° N / 71.06° 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
	ALLEN	31-Jul-1980 18:00:00 - 11-Aug-1980 18:00:00	190	No Data	Atlantic	19.33° N / 66.45° W
	GILBERT	09-Sep-1988 00:00:00 - 20-Sep-1988 00:00:00	184	888	Atlantic	27.24° N / 78.85° W
	RITA	18-Sep-2005 06:00:00 - 26-Sep-2005 06:00:00	178	897	Atlantic	29.91° N / 82° W
	DAVID	25-Aug-1979 18:00:00 - 08-Sep-1979 00:00:00	173	924	Atlantic	31.61° N / 58.65° W
	DEAN	13-Aug-2007 21:00:00 - 23-Aug-2007 03:00:00	167	906	Atlantic	15.63° N / 65.8° 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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