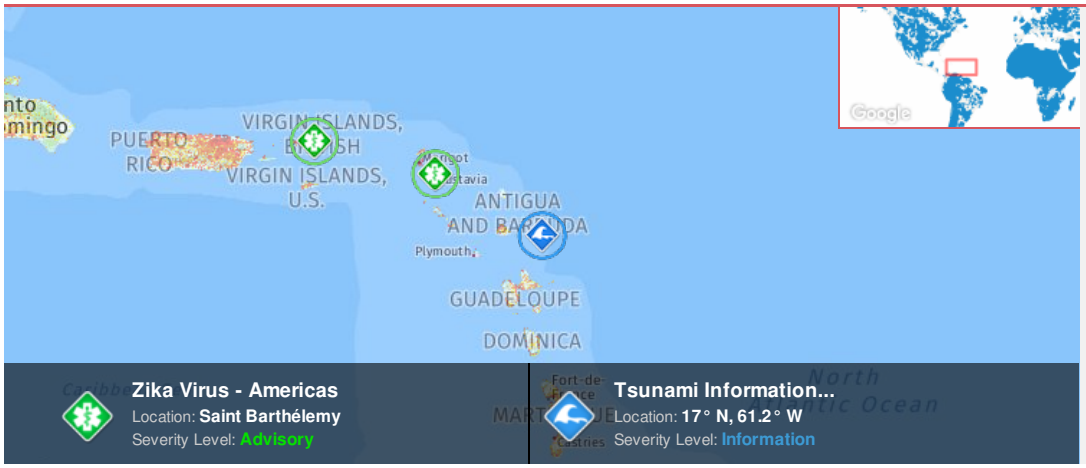
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 22:54:21 26 May 2017	WASH.D.C. 04:54:21 27 May 2017	ANTIGUA 04:54:21 27 May 2017	ZULU 08:54:21 27 May 2017	NAIROBI 11:54:21 27 May 2017	BANGKOK 15:54:21 27 May 2017

Region Selected » Lower Left Latitude/Longitude: 14.0 N˚ , -64.2 E˚
Upper Right Latitude/Longitude: 20.0 N˚ , -58.2 E˚



Legend

Population Density (person/sqkm)

0 — 170,000

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 Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		27-May-2017 08:53:50	Tsunami Information (Caribbean Sea) - Leeward Islands - 4.0	17° N / 61.2° W

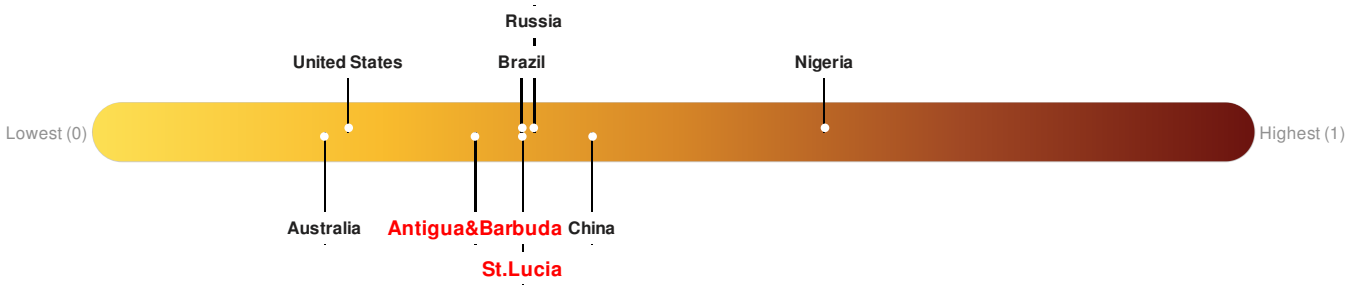
Active Bio Medical

Event	Severity	Date (UTC)	Name	Lat/Long
		27-Nov-2015 23:28:34	Zika Virus - Americas	17.9° N / 62.83° 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. **Antigua & Barbuda** ranks **117** out of **165** on the Lack of Resilience index with a score of 0.33. There was insufficient data to determine the Lack of Resilience Index score for **Dominica**. There was insufficient data to determine the Lack of Resilience Index score for **Anguilla**. There was insufficient data to determine the Lack of Resilience Index score for **Montserrat**. There was insufficient data to determine the Lack of Resilience Index score for **St. Kitts & Nevis**. **St. Lucia** ranks **105** out of **165** on the Lack of Resilience index with a score of 0.37. There was insufficient data to determine the Lack of Resilience Index score for **Martinique**. There was insufficient data to determine the Lack of Resilience Index score for **Guadeloupe**.



Antigua & Barbuda ranks **117** 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, Environmental Stress and Economic Constraints.

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

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St. Lucia ranks **105** 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 Capacity and Environmental Stress.

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Source: PDC

Regional Overview

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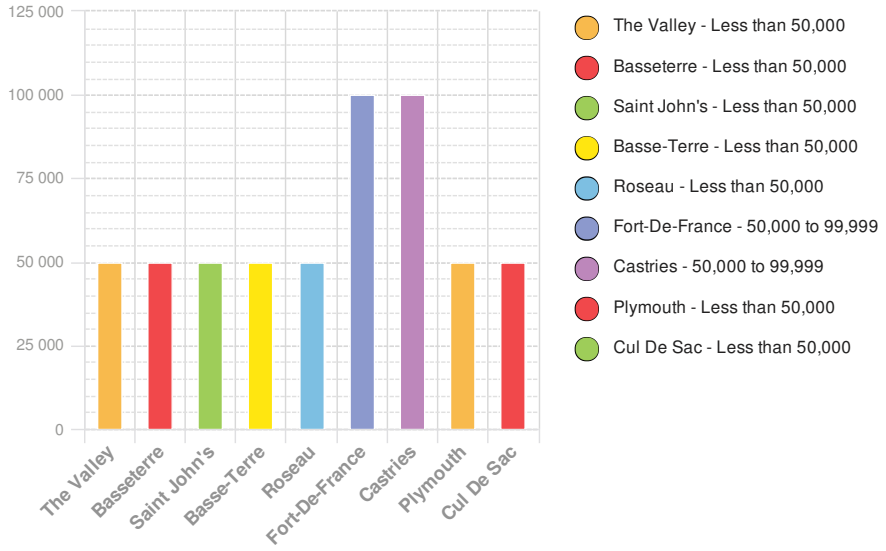
Population Data:

2011

Total: 1, 183, 937
Max Density: 18, 439(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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Multi Hazard Risk Index:

Antigua & Barbuda ranks **89** out of **165** on the Multi-Hazard Risk Index with a score of 0.48. Antigua & Barbuda is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.

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

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

There was insufficient data to determine the Multi Hazard Risk Index score for **St. Kitts & Nevis**.

St. Lucia ranks **97** out of **165** on the Multi-Hazard Risk Index with a score of 0.47. St. Lucia is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.

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

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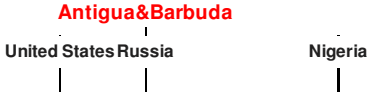

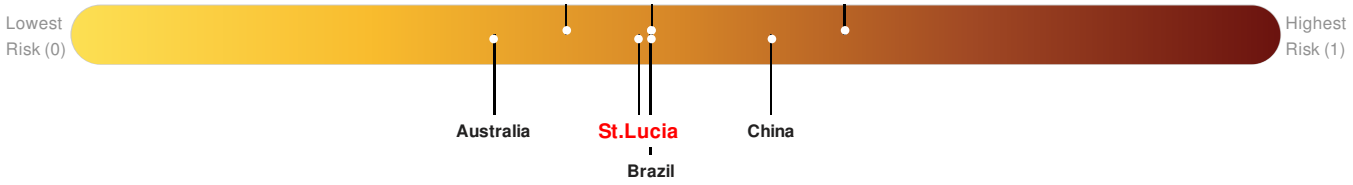

Source: PDC

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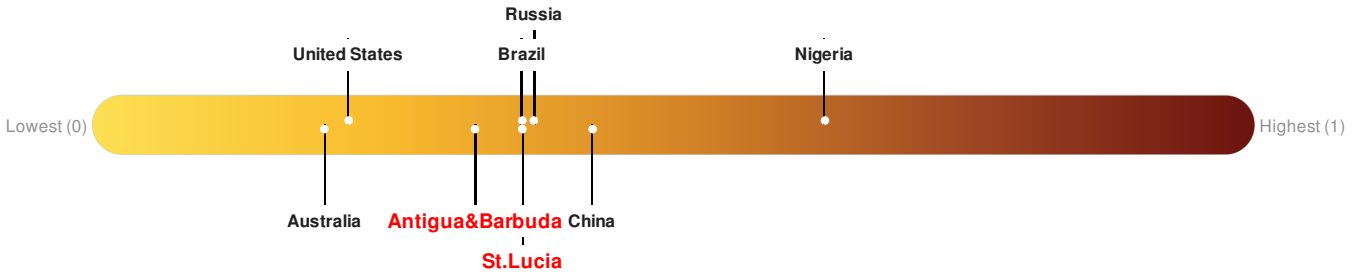

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Source: PDC

Historical Hazards

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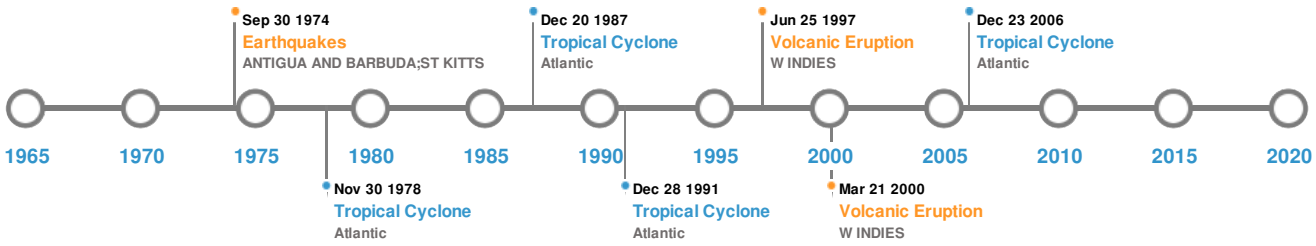

Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	08-Feb-1843 00:14:00	8.30	33	GUADELOUPE: POINTE-A-PITRE	16.5° N / 62.2° W
	06-Apr-1690 00:00:00	8.00	33	ANTIGUA	17.5° N / 61.5° W
	03-Dec-1906 00:22:00	7.90	100	MARTINIQUE	15° N / 61° W
	11-Jan-1839 00:09:00	7.80	33	MARTINIQUE: FORT-DE-FRANCE, ST PIERRE; CASTRIES	14.4° N / 61.1° W
	08-Oct-1974 00:09:00	7.50	47	ANTIGUA AND BARBUDA; ST KITTS	17.3° N / 62° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	PELEE, MONTAGNE	08-May-1902 00:00:00	4.00	W INDIES	14.82° N / 61.17° W
	PELEE, MONTAGNE	02-May-1902 00:00:00	4.00	W INDIES	14.82° N / 61.17° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SOUFRIERE GUADELOUPE	01-Jan-1580 00:00:00	4.00	W INDIES	16.05° N / 61.67° W
	SOUFRIERE HILLS	21-Mar-2000 00:00:00	3.00	W INDIES	16.72° N / 62.18° W
	SOUFRIERE HILLS	25-Jun-1997 00:00:00	3.00	W INDIES	16.72° N / 62.18° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	18-Nov-1867 00:00:00	GUADELOUPE	10	-	DESHAIES	16.32° N / 61.78° W
	18-Nov-1867 00:00:00	GUADELOUPE	10	-	SAINTE-ROSE	16.33° N / 61.7° W
	01-Nov-1755 00:00:00	NETHERLANDS ANTILLES	6.4	-	SABA ISLAND	17.63° N / 63.1° W
	05-May-1902 00:00:00	MARTINIQUE	5	-	ST. PIERRE, MARTINIQUE	14.73° N / 61.18° W
	01-Nov-1755 00:00:00	SAINT MARTIN	4.5	-	SAINT MARTIN HARBOR	18.08° N / 63.08° 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
	GILBERT	09-Sep-1988 00:00:00 - 20-Sep-1988 00:00:00	184	888	Atlantic	27.24° N / 78.85° W
	DOG	31-Aug-1950 00:00:00 - 17-Sep-1950 00:00:00	184	No Data	Atlantic	34.76° N / 40.7° W
	ANDREW	17-Aug-1992 00:00:00 - 28-Aug-1992 06:00:00	173	922	Atlantic	22.63° N / 63.6° 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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