Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 10:03:20 18 Aug 2018	PANAMA 15:03:20 18 Aug 2018	WASH.D.C. 16:03:20 18 Aug 2018	ZULU 20:03:20 18 Aug 2018	NAIROBI 23:03:20 18 Aug 2018	BANGKOK 03:03:20 19 Aug 2018

Region Selected » Lower Left Latitude/Longitude: 5.8309999999999995 N˚ , -80.2936 E˚
Upper Right Latitude/Longitude: 11.831 N˚ , -74.2936 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:

Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		18-Aug-2018 20:01:01	5.6	10	35km N of Acandi, Colombia	8.83° N / 77.29° W

Active Incident

Event	Severity	Date (UTC)	Name	Lat/Long
		18-May-2018 13:52:33	Ituango Dam Failure - Hidroituango, Colombia	7.08° N / 75.69° W

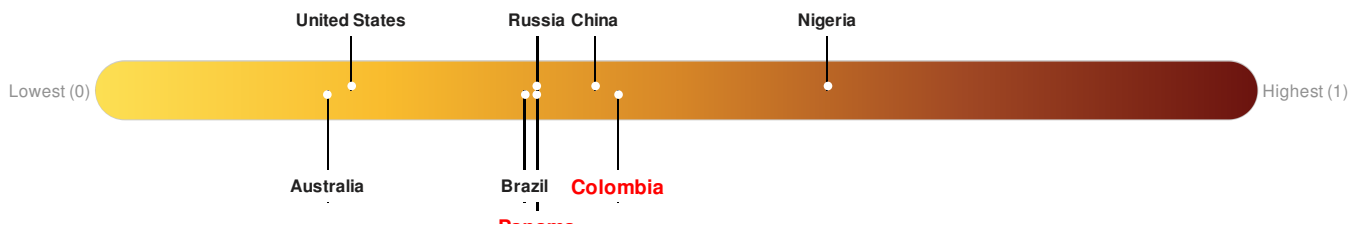
Source: PDC

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.

Colombia ranks **71** out of **165** countries assessed for Lack of Resilience. Colombia is less resilient than 57% of countries assessed. This indicates that Colombia has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Panama ranks **99** out of **165** countries assessed for Lack of Resilience. Panama is less resilient than 40% of countries assessed. This indicates that Panama has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Panama

Source: PDC

Regional Overview

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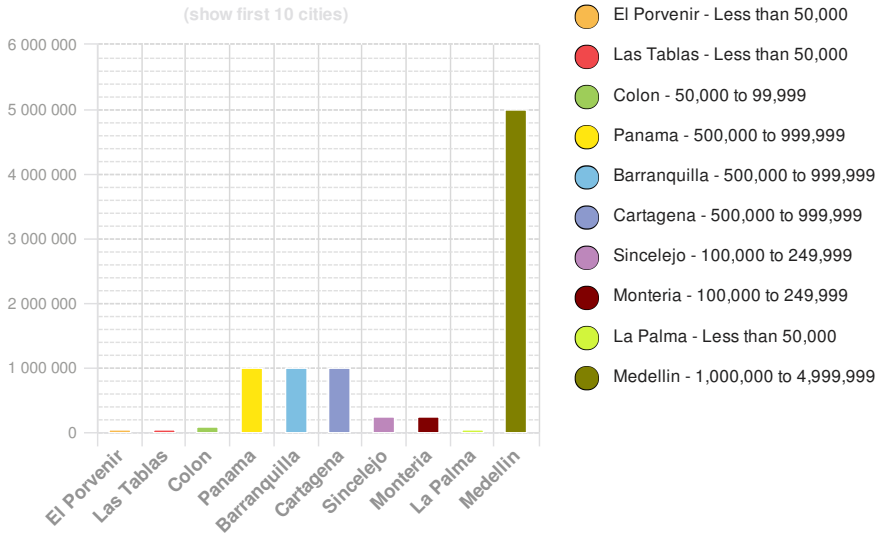
Population Data:

2011

Total: 14, 550, 749
Max Density: 76, 491 (ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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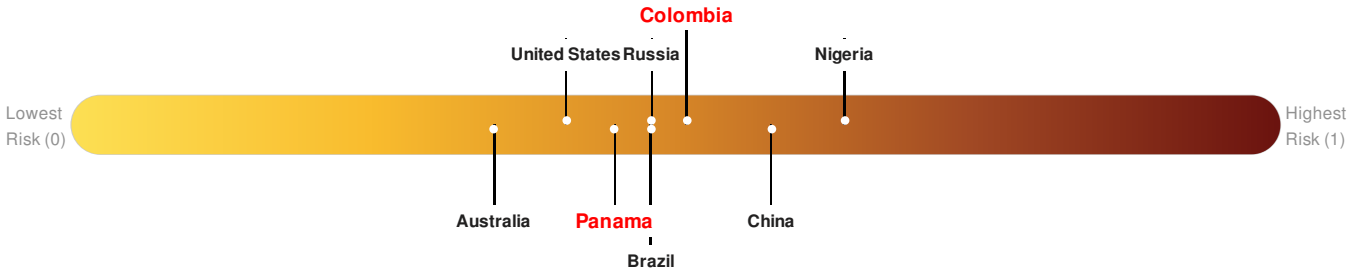
Multi Hazard Risk Index:

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

Multi-Hazard Exposure **Colombia** ranks **73** out of **165** countries assessed for Multi Hazard Risk. Colombia has a Multi Hazard Risk higher than 56% of countries assessed. This indicates that Colombia has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Panama** ranks **108** out of **165** countries assessed for Multi Hazard Risk. Panama has a Multi Hazard Risk higher than 35% of countries assessed. This indicates that Panama has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



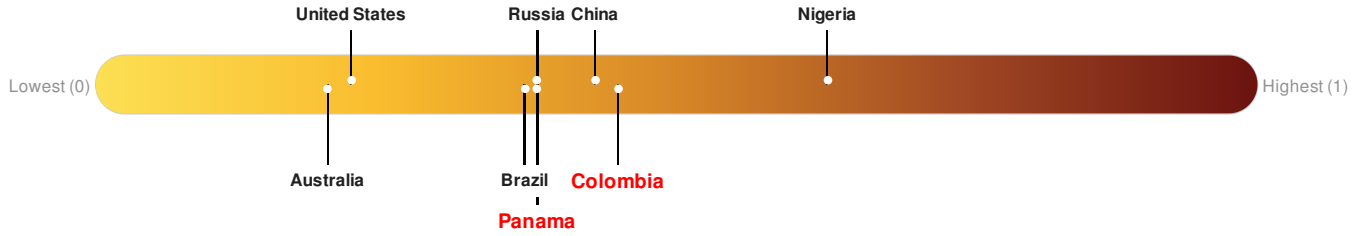
Source: PDC

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.

Colombia ranks **71** out of **165** countries assessed for Lack of Resilience. Colombia is less resilient than 57% of countries assessed. This indicates that Colombia has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Panama ranks **99** out of **165** countries assessed for Lack of Resilience. Panama is less resilient than 40% of countries assessed. This indicates that Panama has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.


United States
Russia
China
Nigeria
Lowest (0)
Highest (1)
Australia
Brazil
Colombia
Panama

Source: PDC

Historical Hazards

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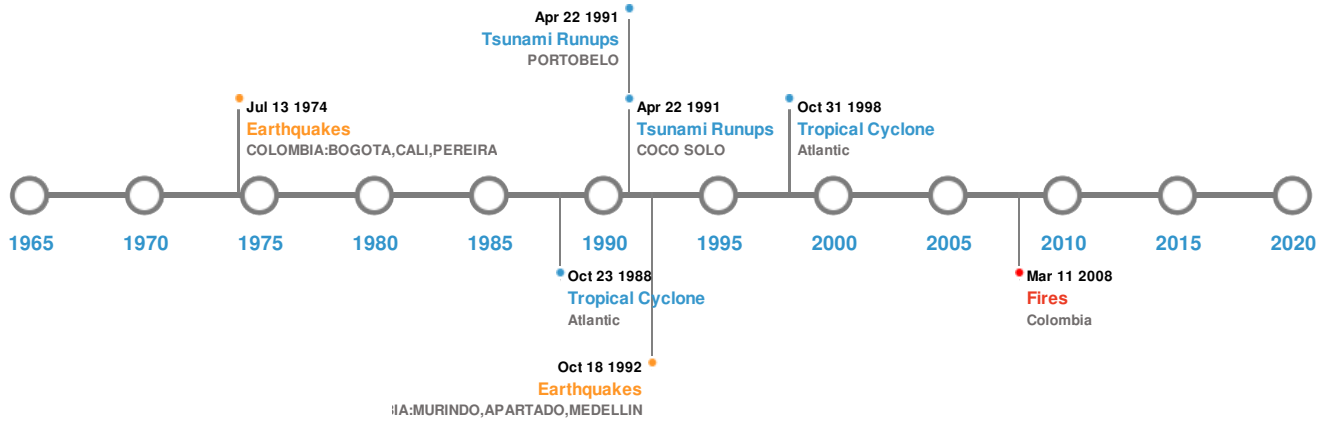
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	07-Sep-1882 00:08:00	8.00	40	COLOMBIA	7.3° N / 77.8° W
	07-Sep-1882 00:07:00	7.90	-	PANAMA: SAN BLAS ARCHIPELAGO	9.5° N / 78.9° W
	20-Jan-1904 00:14:00	7.80	60	COLOMBIA	7° N / 79° W
	18-Oct-1992 00:15:00	7.40	10	COLOMBIA: MURINDO, APARTADO, MEDELLIN	7.07° N / 76.86° W
	13-Jul-1974 00:01:00	7.30	12	COLOMBIA: BOGOTA, CALI, PEREIRA	7.75° N / 77.69° W

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	07-Sep-1882 00:00:00	PANAMA	3	100	SAN BLAS ARCHIPELAGO	9.53° N / 78.92° W
	22-Apr-1991 00:00:00	PANAMA	0.76	-	COCO SOLO	9.37° N / 79.88° W

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	31-Jan-1906 00:00:00	PANAMA	0.7	-	NAOS IS, CANAL ZONE, PACIFIC COAST	8.92° N / 79.53° W
	07-Sep-1882 00:00:00	PANAMA	0.62	-	COLON	9.36° N / 79.9° W
	22-Apr-1991 00:00:00	PANAMA	0.6	-	PORTOBELO	9.55° N / 79.62° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	02-Mar-2008 18:45:00 - 11-Mar-2008 18:40:00	8.40	Colombia	7.19° N / 74.57° 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
	MITCH	22-Oct-1998 06:00:00 - 09-Nov-1998 18:00:00	178	905	Atlantic	37.16° N / 49.35° W
	FOX	20-Oct-1952 18:00:00 - 28-Oct-1952 12:00:00	150	No Data	Atlantic	21.27° N / 75.65° W
	JOAN	11-Oct-1988 00:00:00 - 23-Oct-1988 06:00:00	144	932	Atlantic	10.35° N / 64.5° W
	KATIE	15-Oct-1955 00:00:00 - 20-Oct-1955 06:00:00	115	No Data	Atlantic	26.33° N / 62.5° W
	UNNAMED	19-May-1940 18:00:00 - 26-Oct-1940 06:00:00	98	No Data	Atlantic	30.31° N / 66.2° 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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