



Region Selected » Lower Left Latitude/Longitude: -4.8727 N° , -82.9016 E°
 Upper Right Latitude/Longitude: 1.1273 N° , -76.9016 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:

Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		21-Oct-2018 21:27:50	5.1	70.61	9km NE of El Triunfo, Ecuador	1.87° S / 79.9° W

Active Volcanoes

Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		08-Oct-2009 00:05:32	Volcano - Sangay, Ecuador	-	-	-	-	2° S / 78.34° W
		29-Sep-2009 02:19:50	Volcano - Reventador, Ecuador	-	-	-	-	0.08° S / 77.66° W

Source: [PDC](#)

Lack of Resilience Index:

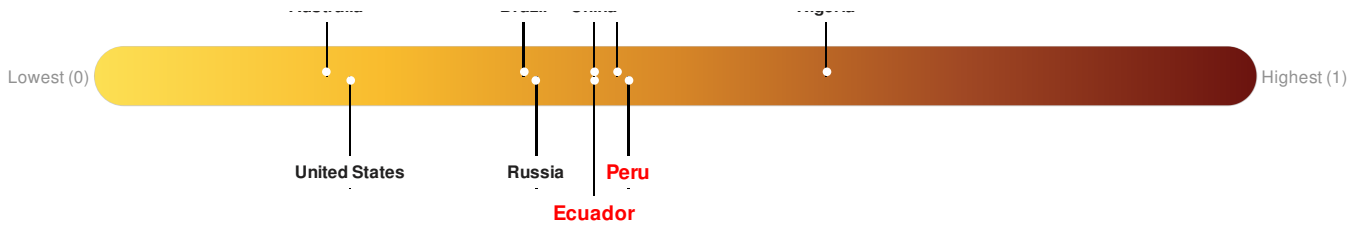
The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Colombia ranks **71** out of **164** 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 less able to respond to and recover from a disruption to normal function.

Ecuador ranks **82** out of **164** countries assessed for Lack of Resilience. Ecuador is less resilient than 50% of countries assessed. This indicates that Ecuador has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Peru ranks **64** out of **164** countries assessed for Lack of Resilience. Peru is less resilient than 61% of countries assessed. This indicates that Peru has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.





Source: [PDC](#)

Regional Overview

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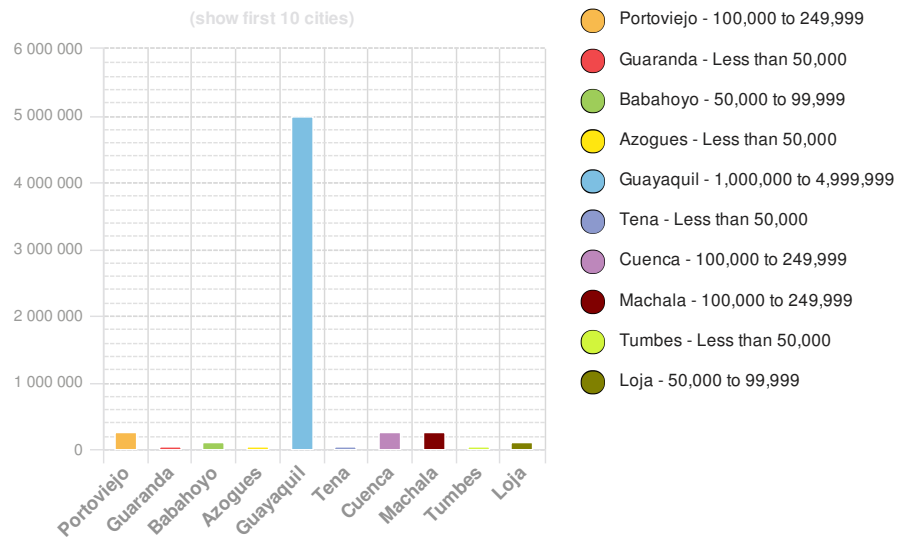
Population Data:

2011

Total: 14,818,761
Max Density: 53,240 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



Risk & Vulnerability

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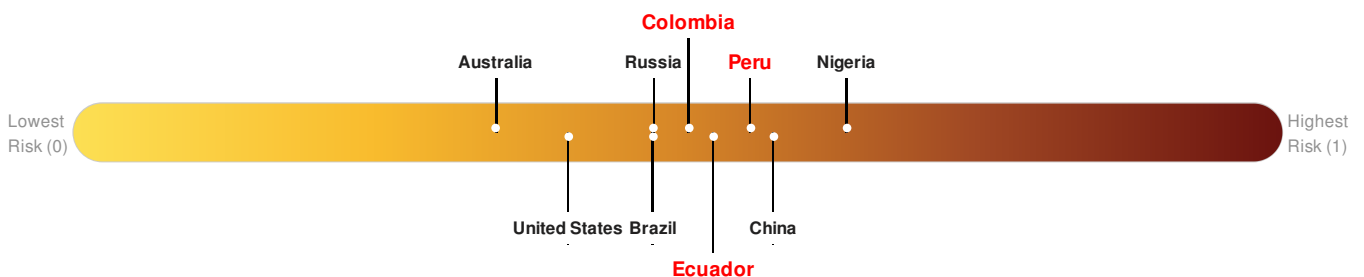
Multi Hazard Risk Index:

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 tsunamis), socioeconomic vulnerability, and coping capacity

Colombia ranks **44** out of **164** countries assessed for Multi Hazard Risk. Colombia has a Multi Hazard Risk higher than 56% of countries assessed. This indicates that Colombia has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

Ecuador ranks **35** out of **164** countries assessed for Multi Hazard Risk. Ecuador has a Multi Hazard Risk higher than 65% of countries assessed. This indicates that Ecuador has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

Peru ranks **24** out of **164** countries assessed for Multi Hazard Risk. Peru has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Peru has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: [PDC](#)

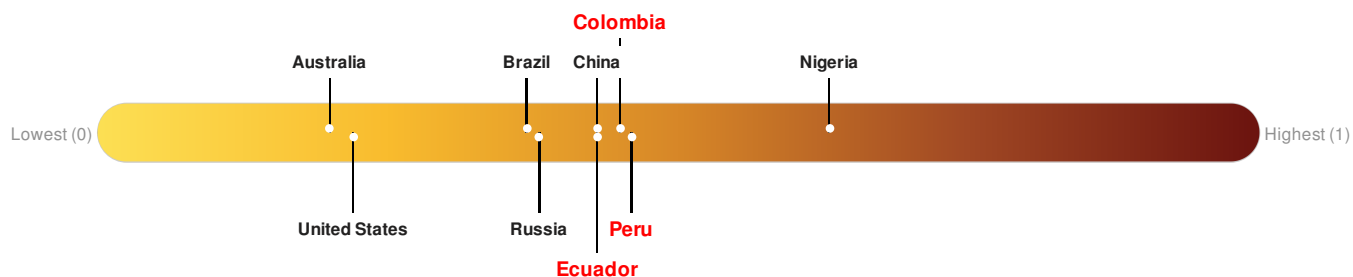
Lack of Resilience Index:

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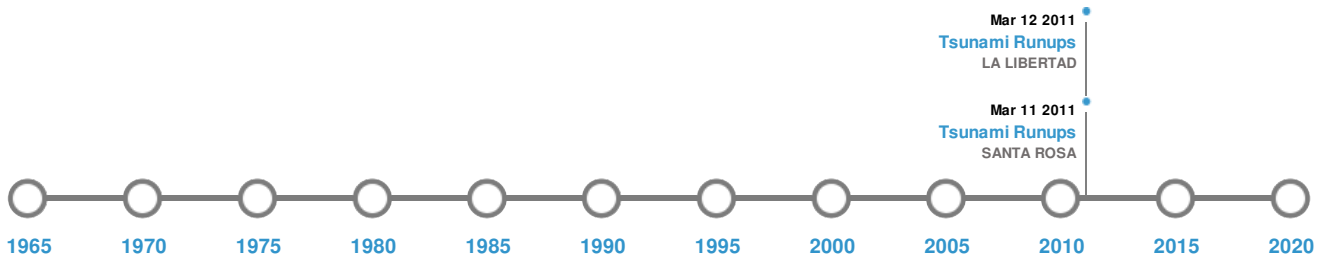


Source: [PDC](#)

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
	31-Jan-1906 00:15:00	8.80	25	ECUADOR: OFF COAST	1° N / 81.5° W
	04-Feb-1797 00:12:00	8.30	-	ECUADOR: RIOBAMBA	1.6° S / 78.6° W
	15-Aug-1868 00:19:00	8.00	-	ECUADOR: EL ANGEL, CONCEPCION	0.81° N / 77.72° W
	14-May-1942 00:02:00	7.90	30	ECUADOR: GUAYAQUIL	0.75° S / 81.5° W
	28-Sep-1906 00:15:00	7.90	150	ECUADOR	2° S / 79° W

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TUNGURAHUA	05-Apr-1918 00:00:00	4.00	ECUADOR	1.47° S / 78.44° W
	TUNGURAHUA	11-Jan-1886 00:00:00	4.00	ECUADOR	1.47° S / 78.44° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	COTOPAXI	25-Jun-1877 00:00:00	4.00	ECUADOR	0.68° S / 78.44° W
	COTOPAXI	04-Apr-1768 00:00:00	4.00	ECUADOR	0.68° S / 78.44° W
	COTOPAXI	30-Nov-1744 00:00:00	4.00	ECUADOR	0.68° S / 78.44° W

Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	ECUADOR	-	-	SANTA ROSA	- / -
	22-May-1960 01:20:00	ECUADOR	1.9	-	LA LIBERTAD	2.23° S / 80.9° W
	04-Nov-1952 10:46:00	ECUADOR	1.89	-	LA LIBERTAD	2.23° S / 80.9° W
	12-Mar-2011 01:18:24	ECUADOR	1.61	-	LA LIBERTAD	- / -
	12-Dec-1953 00:00:00	PERU	1	-	TALARA	4.58° S / 81.28° W

Source: [Tsunamis](#)

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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