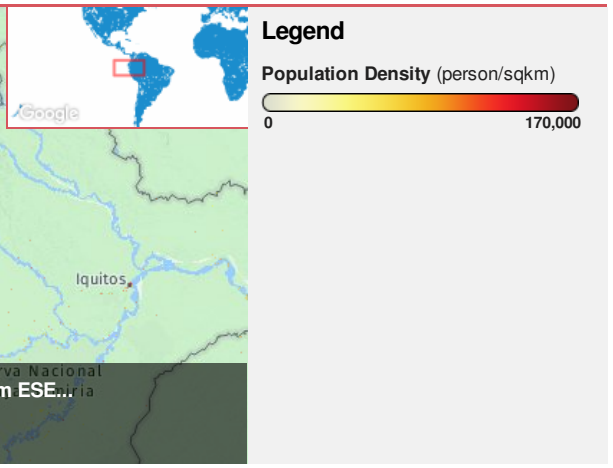
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 16:49:21 21 Nov 2017	WASH.D.C. 21:49:21 21 Nov 2017	GUAYAQUIL 21:49:21 21 Nov 2017	ZULU 02:49:21 22 Nov 2017	NAIROBI 05:49:21 22 Nov 2017	BANGKOK 09:49:21 22 Nov 2017

Region Selected » Lower Left Latitude/Longitude: -5.9803 N˚ , -82.6936 E˚
Upper Right Latitude/Longitude: 0.01969999999999983 N˚ , -76.6936 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
		18-Nov-2017 04:44:46	5.5	35	15km ESE of Balao, Ecuador	2.98° S / 79.69° W
		17-Nov-2017 14:00:47	5.4	77.48	26km S of Duran, Ecuador	2.44° S / 79.82° W

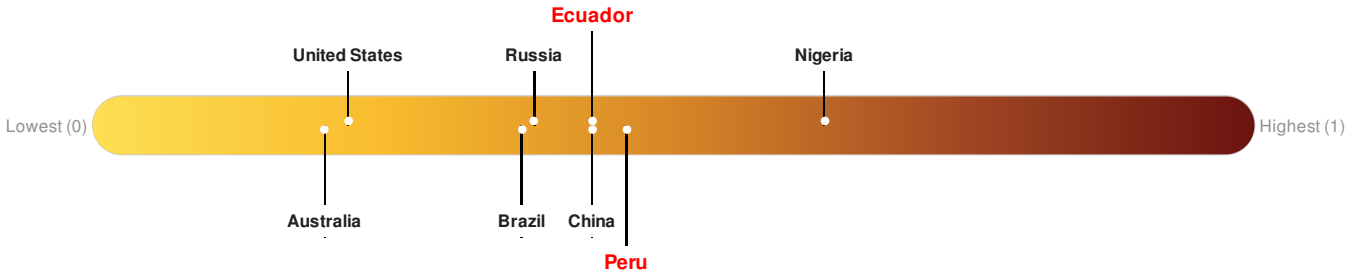
Source: PDC

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.

Ecuador ranks **82** out of **165** countries assessed for Lack of Resilience. Ecuador is less resilient than 51% of countries assessed. This indicates that Ecuador has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Peru ranks **64** out of **165** countries assessed for Lack of Resilience. Peru is less resilient than 62% of countries assessed. This indicates that Peru has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: PDC

Regional Overview

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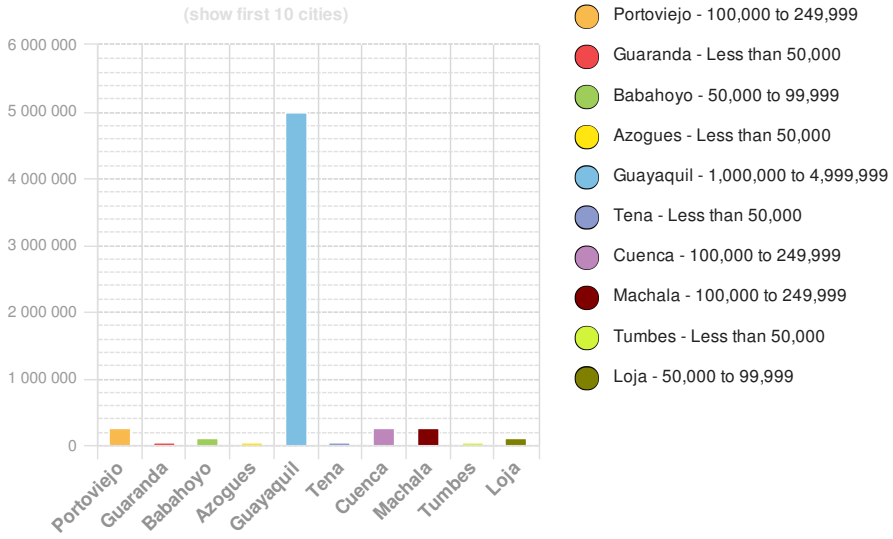
Population Data:

2011

Total: 15, 152, 841
Max Density: 53, 240(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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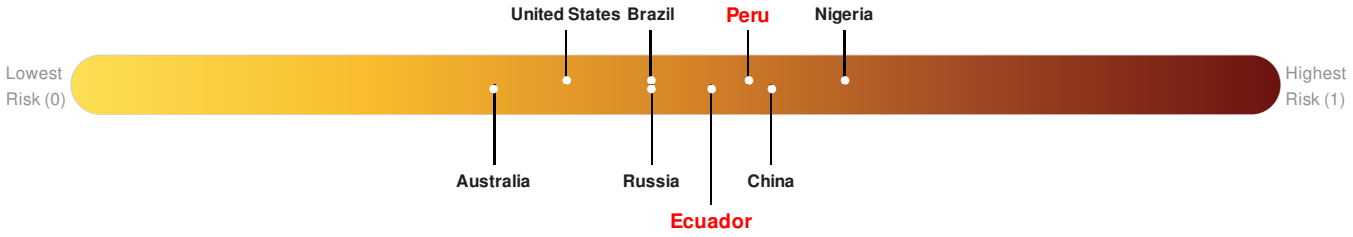
Multi Hazard Risk Index:

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 **Ecuador** ranks **59** out of **165** countries assessed for Multi Hazard Risk. Ecuador has a Multi Hazard Risk higher than 65% of countries assessed. This indicates that Ecuador has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Peru** ranks **40** out of **165** countries assessed for Multi Hazard Risk. Peru has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Peru has more 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.

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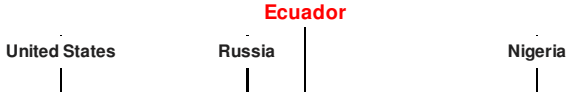
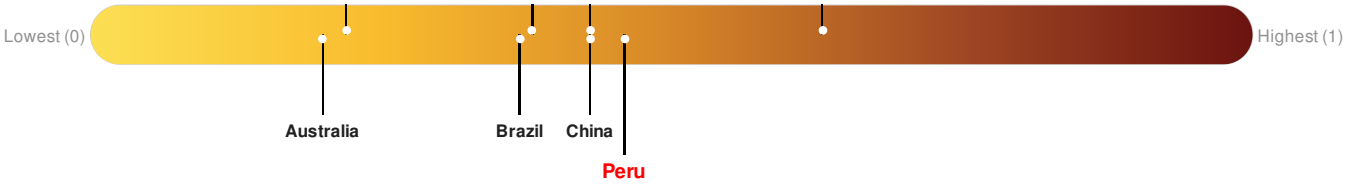
Peru ranks **64** out of **165** countries assessed for Lack of Resilience. Peru is less resilient than 62% of countries assessed. This indicates that Peru has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.





Source: PDC

Historical Hazards

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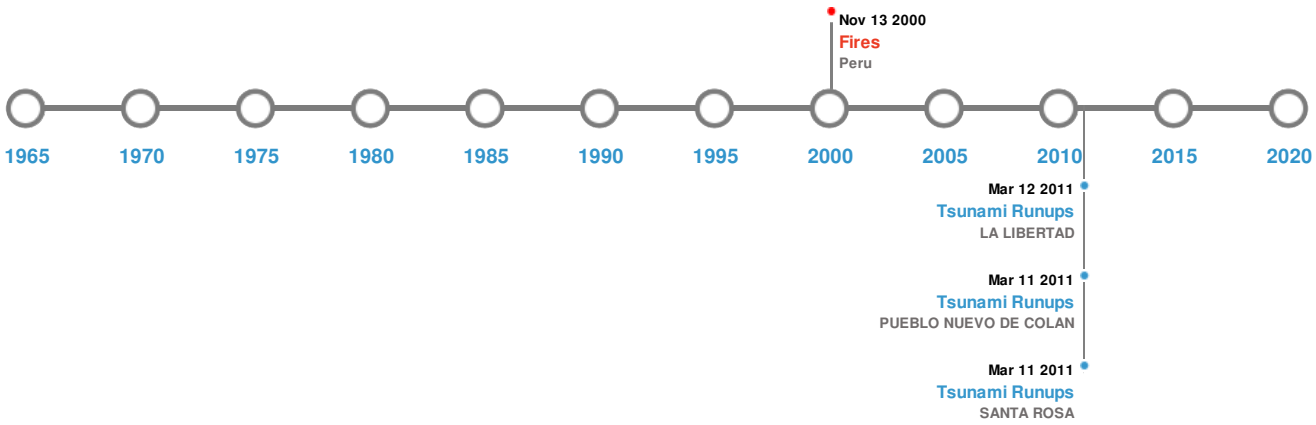
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	04-Feb-1797 00:12:00	8.30	-	ECUADOR: RIOBAMBA	1.6° S / 78.6° 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
	07-Jan-1901 00:00:00	7.80	25	ECUADOR: ESMERALDAS	2° S / 82° W
	08-Sep-1575 00:00:00	7.80	-	ECUADOR	0.2° S / 78.6° 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	- / -
	11-Mar-2011 00:00:00	PERU	-	-	PUEBLO NUEVO DE COLAN	- / -
	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	- / -

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	08-Nov-2000 00:00:00 - 13-Nov-2000 00:00:00	8.20	Peru	5.65° S / 78.16° W

Source: Wildfires