Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	LIMA	WASH.D.C.	ZULU	NAIROBI	BANGKOK
	15:57:48 21 Oct 2017	20:57:48 21 Oct 2017	21:57:48 21 Oct 2017	01:57:48 22 Oct 2017	04:57:48 22 Oct 2017	08:57:48 22 Oct 2017

Region Selected » Lower Left Latitude/Longitude: -18.1781 N˚ , -76.9056 E˚
Upper Right Latitude/Longitude: -12.1781 N˚ , -70.9056 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:

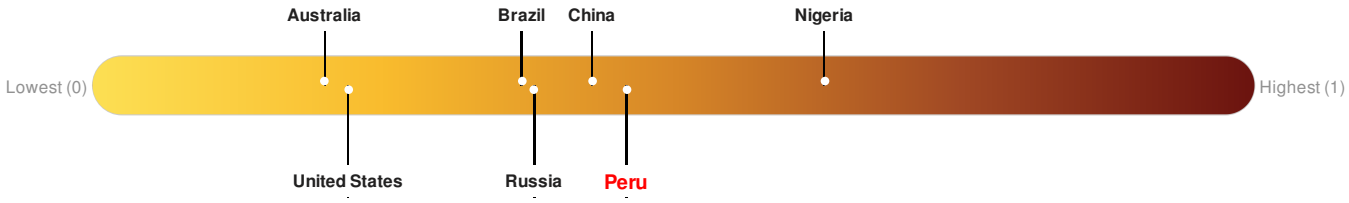
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		22-Oct-2017 01:56:57	5.2	89.56	20km SW of Coracora, Peru	15.18° S / 73.91° 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. **Peru** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46.



Peru ranks **64** 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, Infrastructure and Governance.

Source: PDC

Regional Overview

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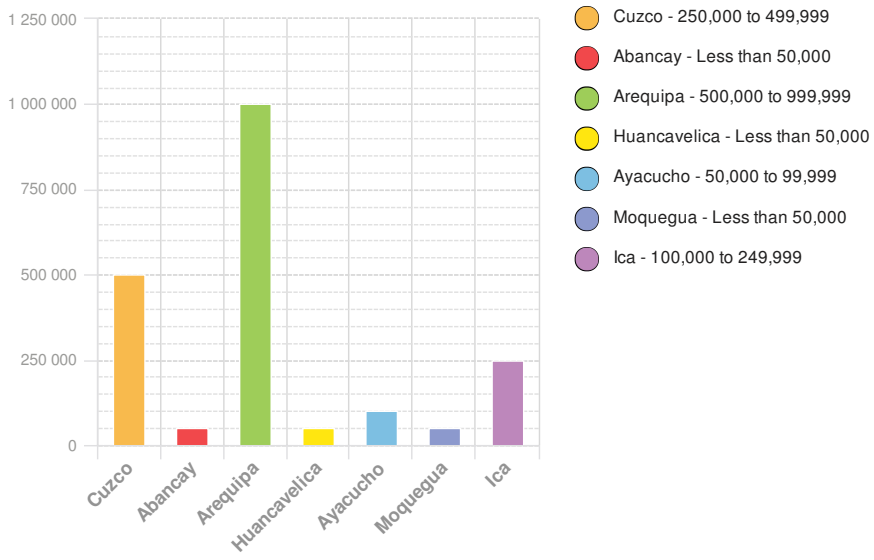
Population Data:

Populated Areas:

2011

Total: 5, 345, 219
Max Density: 64, 451 (ppl/km^2)

Source: iSciences



Risk & Vulnerability

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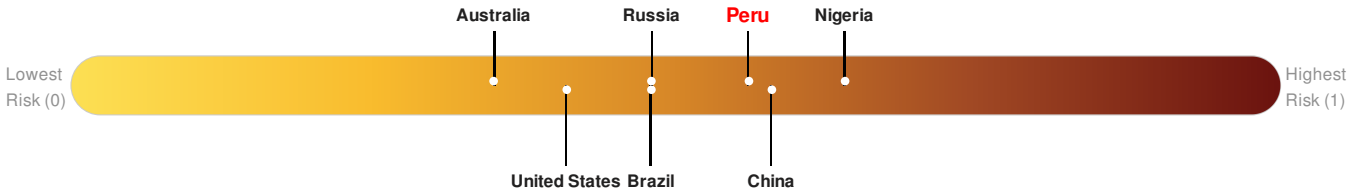
Multi Hazard Risk Index:

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



Source: PDC

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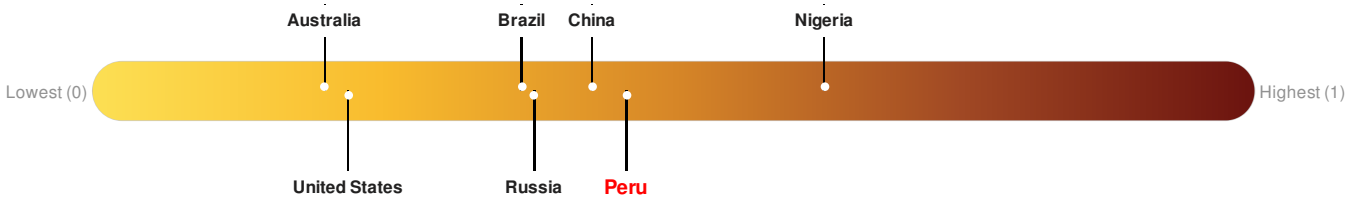

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Source: PDC

Historical Hazards

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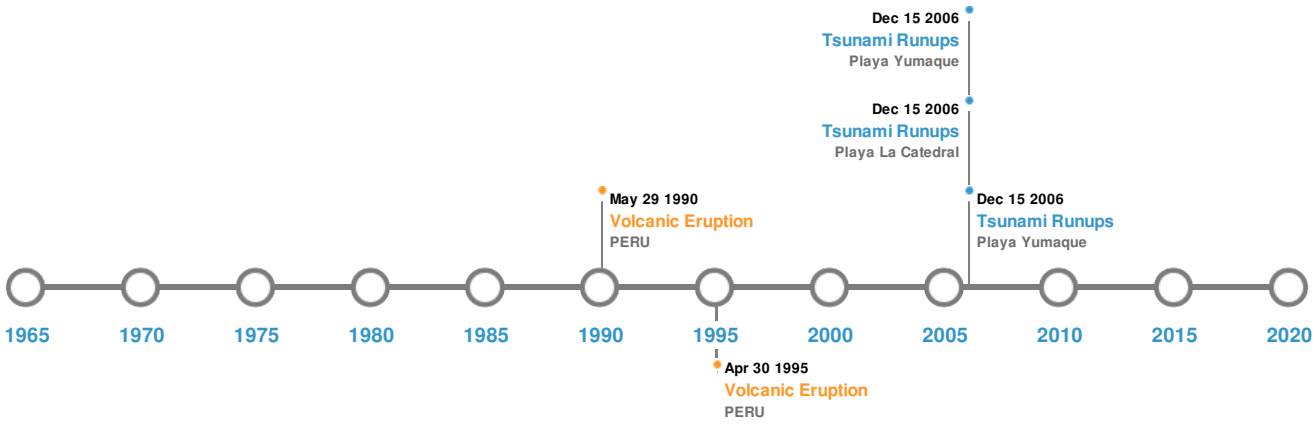
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	06-Feb-1716 00:00:00	8.80	40	PERU: PUEBLO DE TORATA IN TACNA	17.2° S / 71.2° W
	01-Jan-1513 00:00:00	8.70	30	PERU	17.2° S / 72.3° W
	11-Oct-1939 00:14:00	8.60	120	PERU: CHUQUIBAMBA	15.3° S / 72.19° W
	11-Feb-1716 00:01:00	8.60	50	PERU	13.7° S / 76° W
	20-Oct-1687 00:10:00	8.50	30	PERU: LIMA	13.5° S / 76.5° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MISTI, EL	01-Jan-1454 00:00:00	4.00	PERU	16.29° S / 71.41° W
	SABANCAYA	29-May-1990 00:00:00	3.00	PERU	15.8° S / 71.88° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SABANCAYA	09-May-1995 00:00:00	2.00	PERU	15.8° S / 71.88° W
	MISTI, EL	01-Sep-1869 00:00:00	2.00	PERU	16.29° S / 71.41° W
	MISTI, EL	01-Aug-1830 00:00:00	2.00	PERU	16.29° S / 71.41° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	13-Aug-1868 00:00:00	PERU	15	30	CHALA	15.85° S / 74.23° W
	13-Aug-1868 00:00:00	PERU	12	-	ISLAY	17° S / 72.1° W
	15-Aug-2007 00:00:00	PERU	10.05	-	Playa Yumaque	13.91° S / 76.28° W
	15-Aug-2007 00:00:00	PERU	7.13	-	Playa La Catedral	13.94° S / 76.28° W
	15-Aug-2007 00:00:00	PERU	7.05	-	Playa Yumaque	13.91° S / 76.28° 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.