Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 04:53:39 26 Oct 2016	LIMA 09:53:39 26 Oct 2016	WASH.D.C. 10:53:39 26 Oct 2016	ZULU 14:53:39 26 Oct 2016	NAIROBI 17:53:39 26 Oct 2016	BANGKOK 21:53:39 26 Oct 2016

Region Selected » Lower Left Latitude/Longitude: -12.3434 N˚ , -78.4232 E˚
Upper Right Latitude/Longitude: -6.343400000000001 N˚ , -72.4232 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:

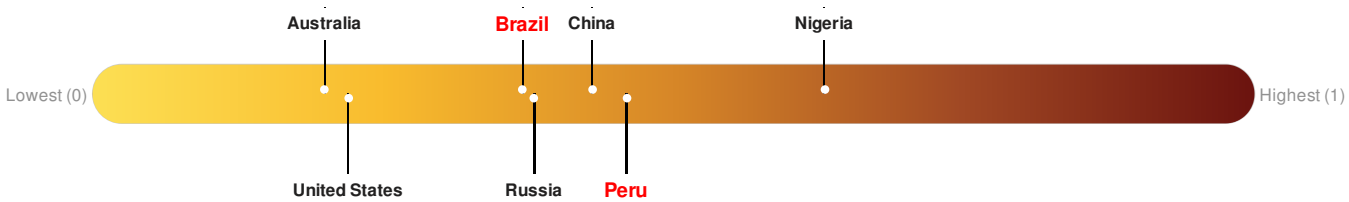
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		26-Oct-2016 14:38:46	5	42.5	64km E of Tingo Maria, Peru	9.34° S / 75.42° 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. **Brazil** ranks **105** out of **165** on the Lack of Resilience index with a score of 0.37. **Peru** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46.



Brazil 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 Marginalization, Governance and Infrastructure.

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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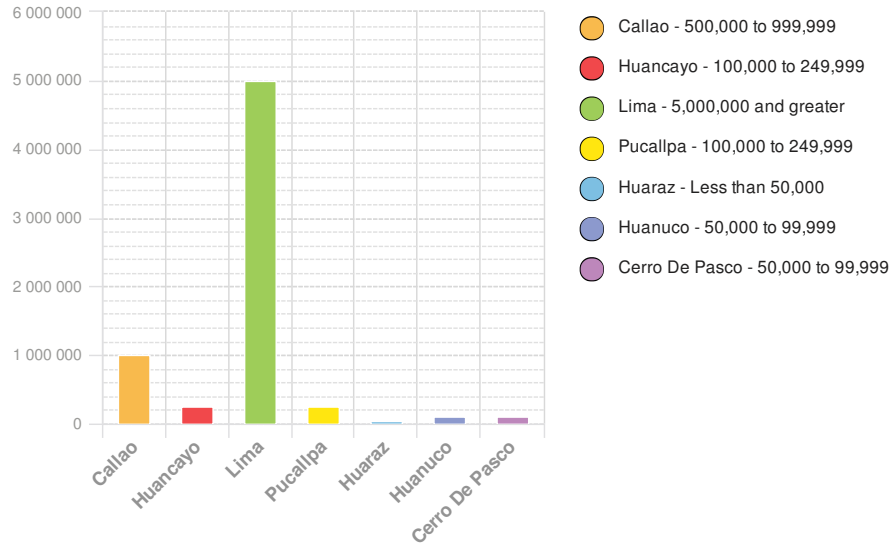
Population Data:

2011

Total: 14, 122, 190
Max Density: 68, 676(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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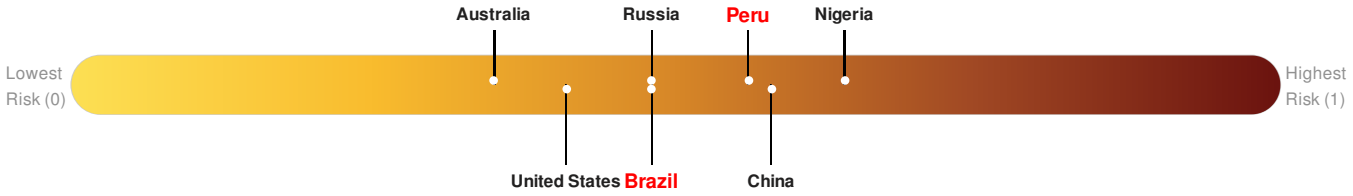
Multi Hazard Risk Index:

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

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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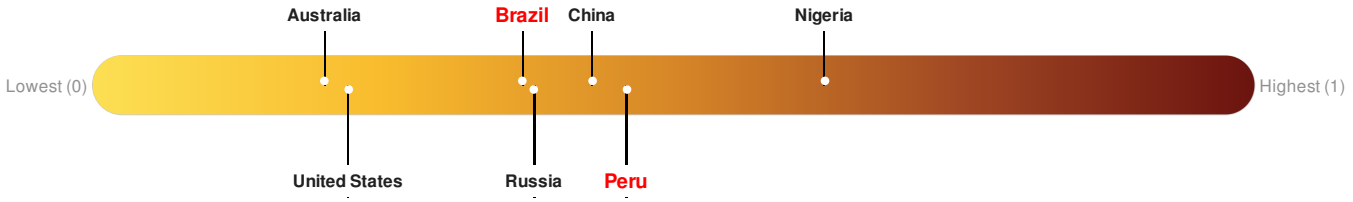

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Source: PDC

Historical Hazards

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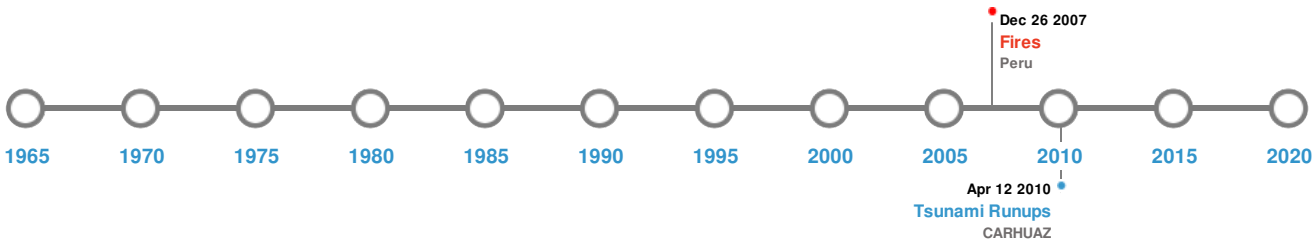
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	16-Nov-1907 00:10:00	8.70	150	PERU	8.01° S / 76.79° W
	20-Oct-1609 00:01:00	8.60	40	PERU	11.9° S / 77.4° W
	10-Jul-1586 00:00:00	8.50	60	PERU: LIMA	12.3° S / 77.7° W
	17-Mar-1584 00:00:00	8.40	30	PERU	11.8° S / 77.8° W
	15-Nov-1555 00:00:00	8.40	30	PERU	11.9° S / 77.6° W

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	10-Jul-1586 00:00:00	PERU	26	-	LIMA	12.1° S / 77.13° W
	29-Oct-1746 00:00:00	PERU	24	4800	CALLAO	12.05° S / 77.15° W
	10-Jul-1586 00:00:00	PERU	24	-	CALLAO	12.05° S / 77.15° W

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	13-Apr-2010 00:00:00	PERU	23	1	CARHUAZ	9.28° S / 77.64° W
	10-May-1877 00:00:00	PERU	6	-	SALINAS	11.62° S / 77.25° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	01-Sep-2008 18:50:00 - 26-Sep-2008 18:45:00	8.70	Peru	9.36° S / 75.11° W

Source: Wildfires

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.