



Pacific Disaster Center
*Area Brief: General
 Executive Summary*

HONOLULU
 12:55:43
 24 Apr 2017

WASH.D.C.
 18:55:43
 24 Apr 2017

SANTIAGO
 19:55:43
 24 Apr 2017

ZULU
 22:55:43
 24 Apr 2017

NAIROBI
 01:55:43
 25 Apr 2017

BANGKOK
 05:55:43
 25 Apr 2017

Region Selected » Lower Left Latitude/Longitude: -36.0729 N° , -75.0513 E°
 Upper Right Latitude/Longitude: -30.07289999999997 N° , -69.0513 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

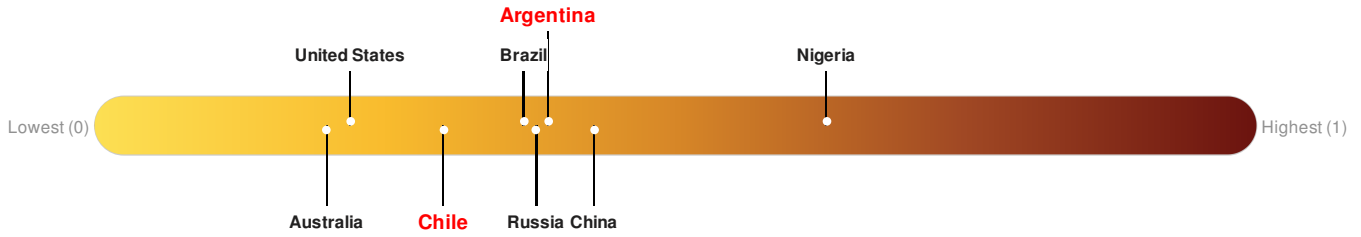
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		24-Apr-2017 22:21:40	5.1	10	45km WSW of Valparaiso, Chile	33.14° S / 72.1° W
		24-Apr-2017 22:11:52	5.4	10	33km WNW of Valparaiso, Chile	32.91° S / 71.95° W
		24-Apr-2017 22:10:01	5	22.05	39km W of Valparaiso, Chile	32.97° S / 72.04° W
		24-Apr-2017 21:47:46	6.9	25	39km W of Valparaiso, Chile	33.07° S / 72.05° W
		23-Apr-2017 19:58:54	5.6	15.96	48km W of Valparaiso, Chile	33.04° S / 72.15° W
		23-Apr-2017 02:56:00	5.9	9.78	42km W of Valparaiso, Chile	33.04° S / 72.08° W

Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		24-Apr-2017 21:45:47	Tsunami Information (Pacific Ocean) - Off The Coast Of Central Chile - 6.9	32.9° S / 72.1° W

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. **Argentina** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.39. **Chile** ranks **127** out of **165** on the Lack of Resilience index with a score of 0.3.



Argentina ranks **92** 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 Environmental Capacity, Governance and Marginalization.

Chile ranks **127** 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 Marginalization.

Source: [PDC](#)

Regional Overview

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.

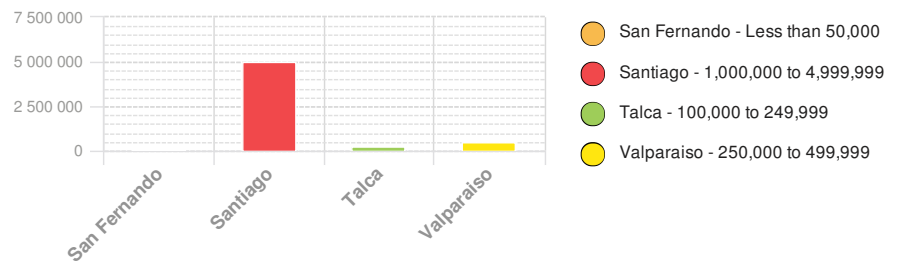
Population Data:

2011

Total: **10,431,753**

Max Density: **72,741** (ppl/km²)

Populated Areas:



Source: [iSciences](#)

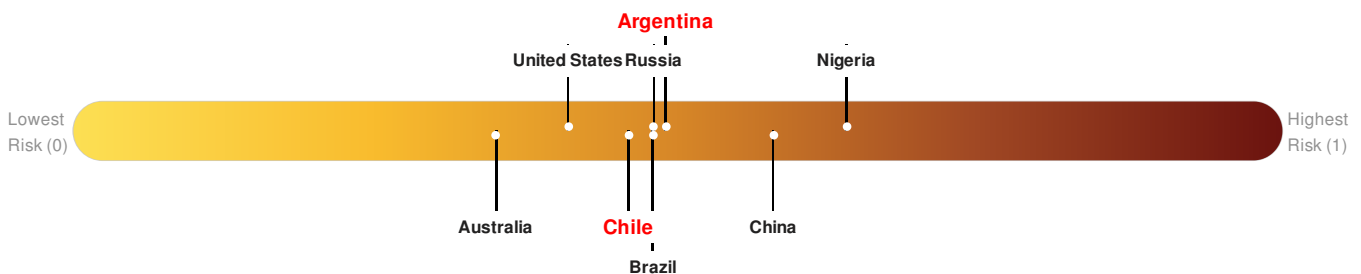
Risk & Vulnerability

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.

Multi Hazard Risk Index:

Argentina ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Argentina is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

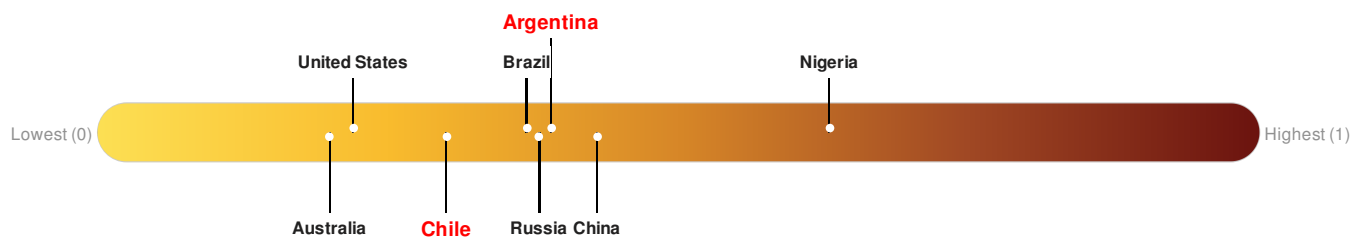
Chile ranks **103** out of **165** on the Multi-Hazard Risk Index with a score of 0.46. Chile is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.



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. **Argentina** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.39. **Chile** ranks **127** out of **165** on the Lack of Resilience index with a score of 0.3.



Argentina ranks **92** 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 Environmental Capacity, Governance and Marginalization.

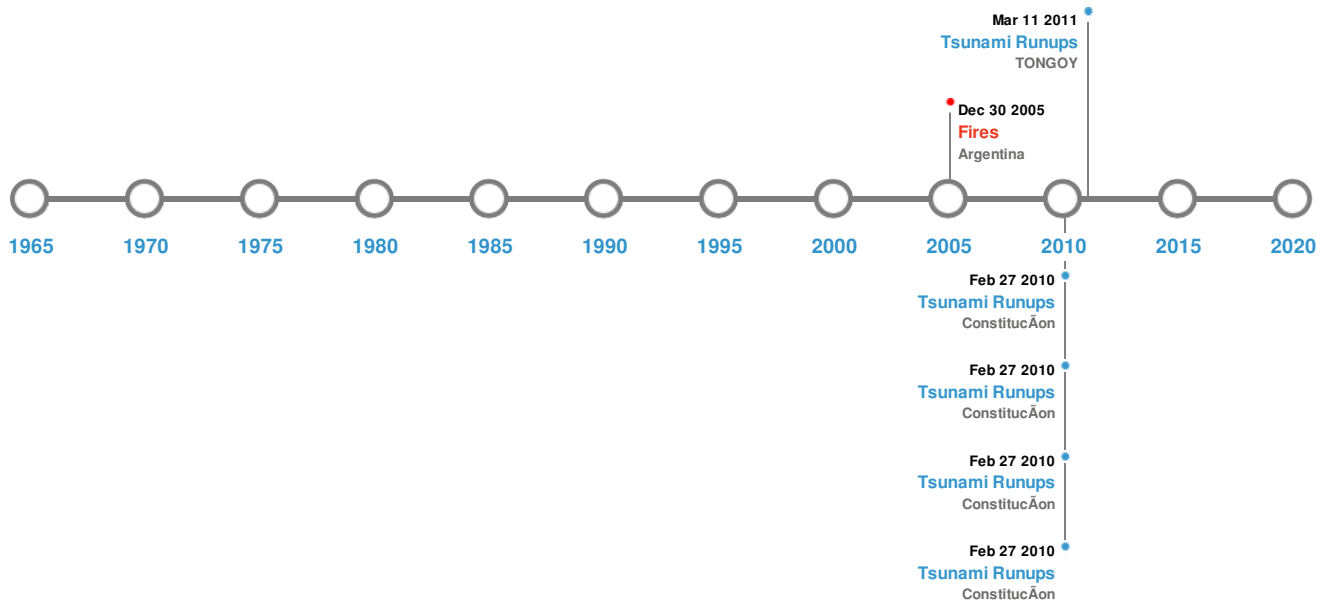
Chile ranks **127** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Infrastructure and Marginalization.

Source: [PDC](#)

Historical Hazards

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.

Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	08-Jul-1730 00:08:00	8.70	-	CHILE: VALPARAISO	32.5° S / 71.5° W
	20-Nov-1822 00:02:00	8.50	-	CHILE: VALPARAISO, QUILLOTA, CONCON, ACONCAGUA	33° S / 71.63° W
	14-May-1647 00:02:00	8.50	-	CHILE: SANTIAGO	33.4° S / 70.6° W
	06-Apr-1943 00:16:00	8.20	60	CHILE: ILLAPEL	30.75° S / 72° W
	17-Aug-1906 00:00:00	8.20	25	CHILE: SOUTH CENTRAL	33° S / 72° W

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	AZUL, CERRO [QUIZAPU]	10-Apr-1932 00:00:00	5.00	CHILE-C	35.65° S / 70.76° W
	PLANCHON-PETEROA	03-Dec-1762 00:00:00	4.00	CHILE-C	35.24° S / 70.57° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TUPUNGATITO	01-Jan-1929 00:00:00	3.00	CHILE-C	33.4° S / 69.8° W
	AZUL, CERRO [QUIZAPU]	01-Sep-1914 00:00:00	3.00	CHILE-C	35.65° S / 70.76° W
	AZUL, CERRO [QUIZAPU]	28-Jul-1907 00:00:00	3.00	CHILE-C	35.65° S / 70.76° 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	CHILE	-	-	TONGOY	- / -
	27-Feb-2010 00:00:00	CHILE	29	-	ConstitucÃon	35.33° S / 72.43° W
	27-Feb-2010 00:00:00	CHILE	28	-	ConstitucÃon	35.33° S / 72.43° W
	27-Feb-2010 00:00:00	CHILE	26.2	-	ConstitucÃon	35.33° S / 72.43° W
	27-Feb-2010 00:00:00	CHILE	24.09	-	ConstitucÃon	35.33° S / 72.43° W

Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	23-Dec-2005 00:00:00 - 30-Dec-2005 00:00:00	10.00	Argentina	33.92° S / 69.23° 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.

The information and data contained in this product are for reference only. Pacific Disaster Center (PDC) does not guarantee the accuracy of this data. Refer to original sources for any legal restrictions. Please refer to PDC Terms of Use for PDC generated information and products. The names, boundaries, colors, denominations and any other information shown on the associated maps do not imply, on the part of PDC, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries.