













**Region Selected »** Lower Left Latitude/Longitude: -36.1379 N° , -75.0966 E°  
Upper Right Latitude/Longitude: -30.13790000000002 N° , -69.0966 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.

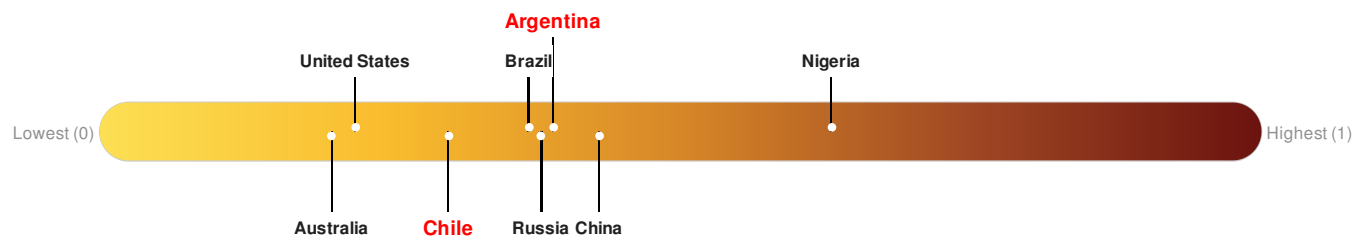
**Current Hazards:**

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	7.1	10	38km W of Valparaiso, Chile	33.06° S / 72.04° 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 - 6.7	33° S / 72° 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

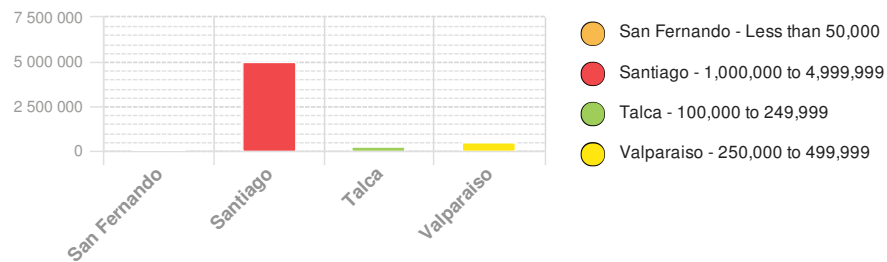
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## Population Data:

2011

Total: **10, 437, 697**  
Max Density: **72, 741**(ppl/km<sup>2</sup>)

## Populated Areas:



Source: [iSciences](#)

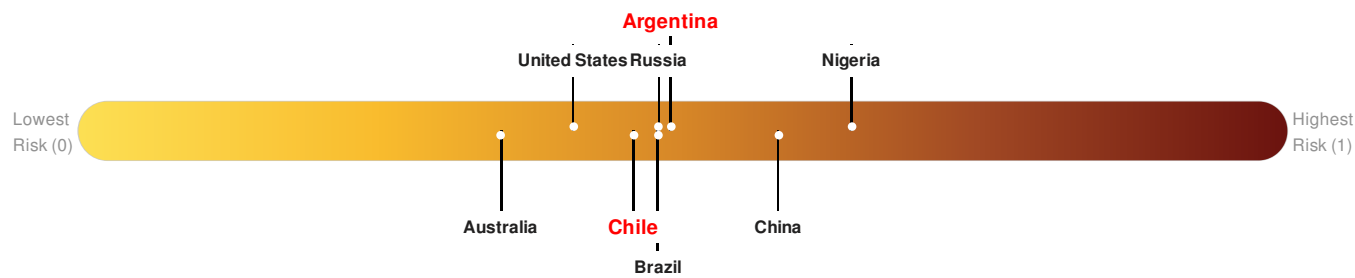
## Risk & Vulnerability

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## 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.

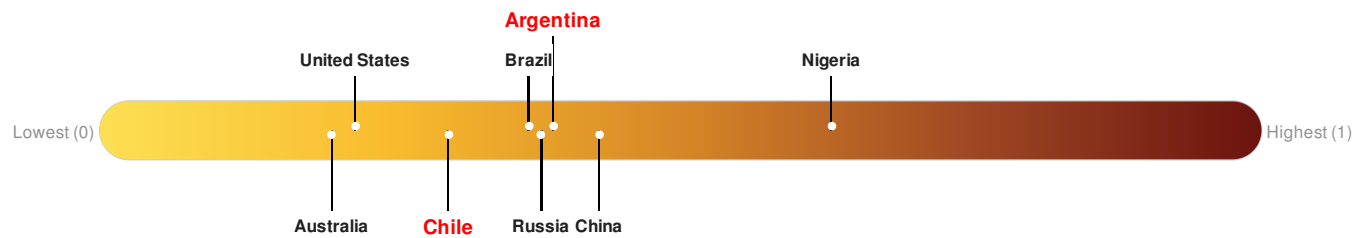
**Chile** ranks **103** out of **165** on the Multi-Hazard Risk Index with a score of 0.46. Chile is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.



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.

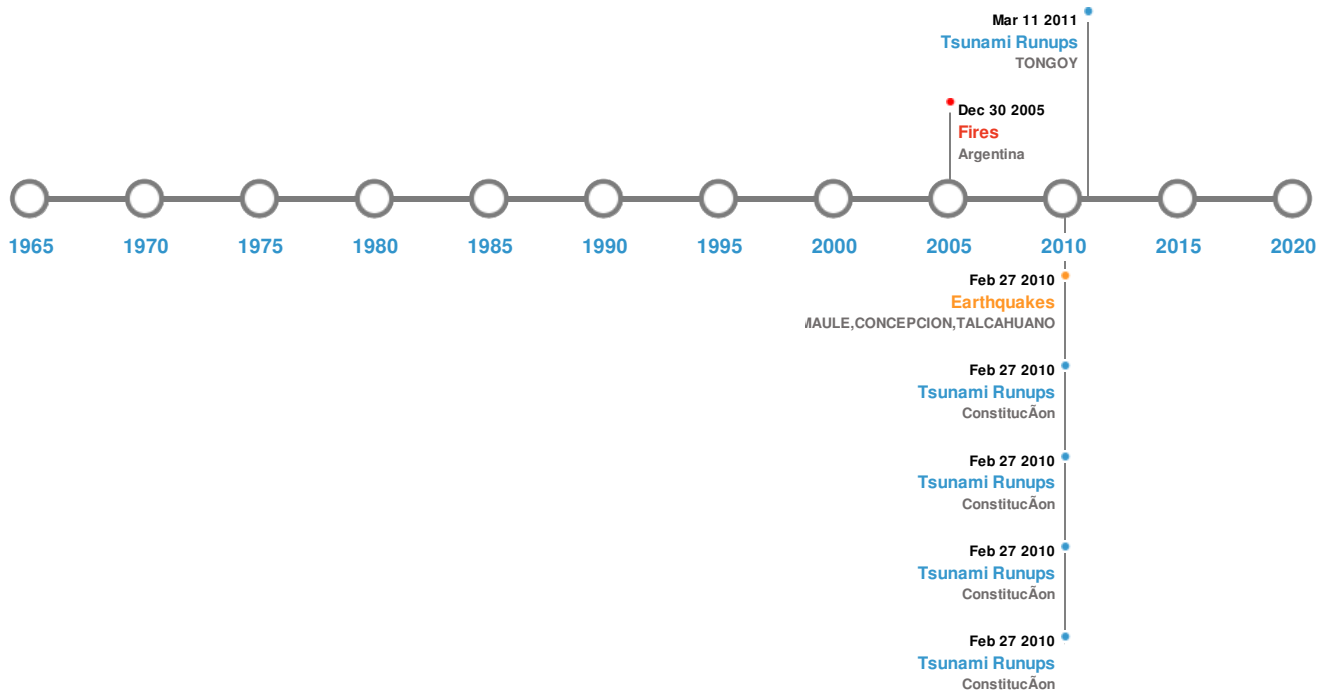
**Chile** ranks **127** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Infrastructure and Marginalization.

Source: [PDC](#)

## Historical Hazards

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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
	27-Feb-2010 00:06:00	8.80	23	CHILE: MAULE, CONCEPCION, TALCAHUANO	36.12° S / 72.9° W
	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

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.

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