









**Region Selected »** Lower Left Latitude/Longitude: -36.2734 N° , -74.9666 E°  
Upper Right Latitude/Longitude: -30.273400000000002 N° , -68.9666 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:**

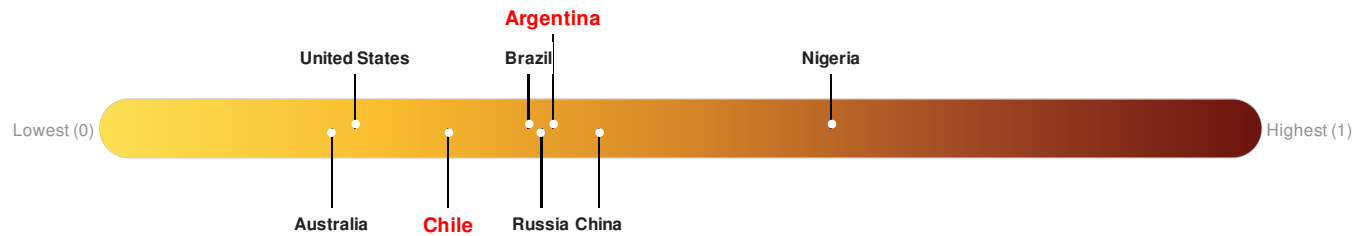
Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		29-Apr-2017 02:07:05	5	15.65	34km SW of Valparaiso, Chile	33.22° S / 71.92° W
		28-Apr-2017 18:36:59	5.3	18.44	40km SW of Valparaiso, Chile	33.27° S / 71.97° W
		28-Apr-2017 18:24:55	5	21.48	43km SW of Valparaiso, Chile	33.29° S / 71.98° W
		28-Apr-2017 16:25:56	5.7	14.31	20km WSW of Valparaiso, Chile	33.12° S / 71.82° W
		28-Apr-2017 16:15:40	5.3	24.19	43km WSW of Valparaiso, Chile	33.24° S / 72.03° W
		28-Apr-2017 16:07:50	5.2	10	26km SW of Valparaiso, Chile	33.19° S / 71.85° W
		28-Apr-2017 15:49:31	5.9	20.41	41km SW of Valparaiso, Chile	33.25° S / 72° 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. **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

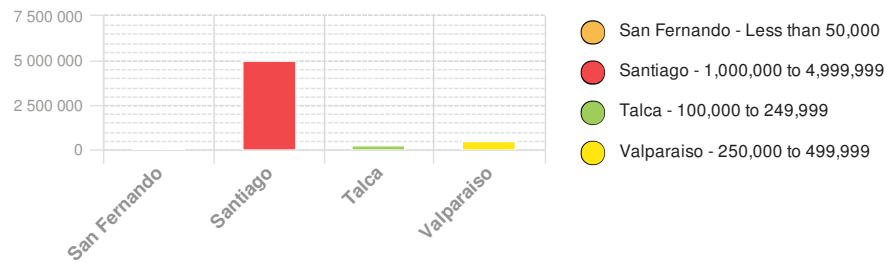
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### Population Data:

#### 2011

Total: 10, 536, 528  
Max Density: 72, 741 (ppl/km<sup>2</sup>)

### Populated Areas:



Source: [iSciences](#)

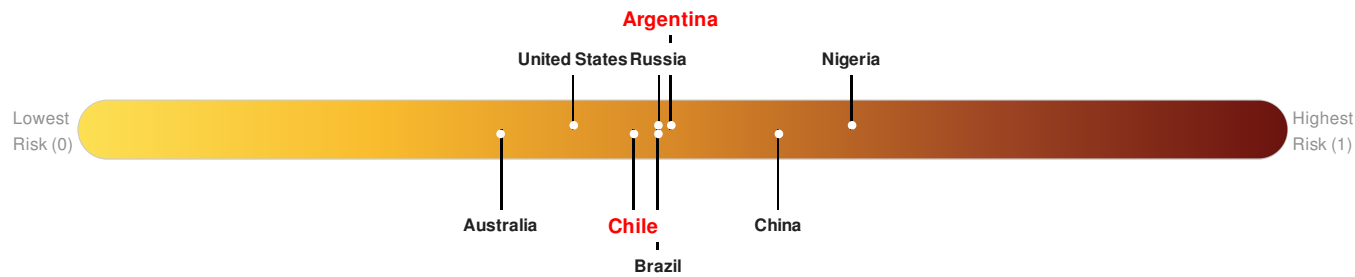
## Risk & Vulnerability

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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.

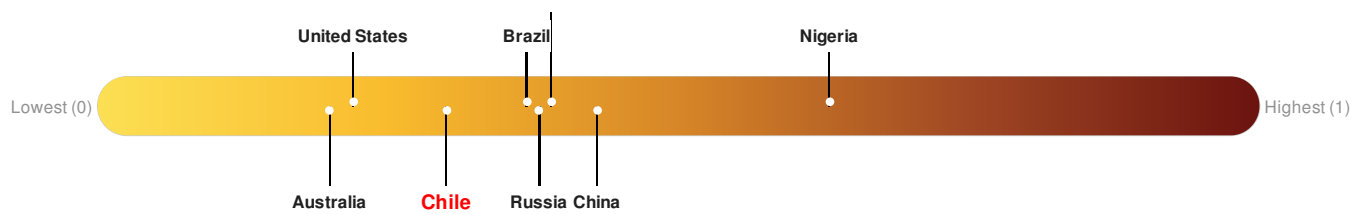


Source: [PDC](#)

### 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**



**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.

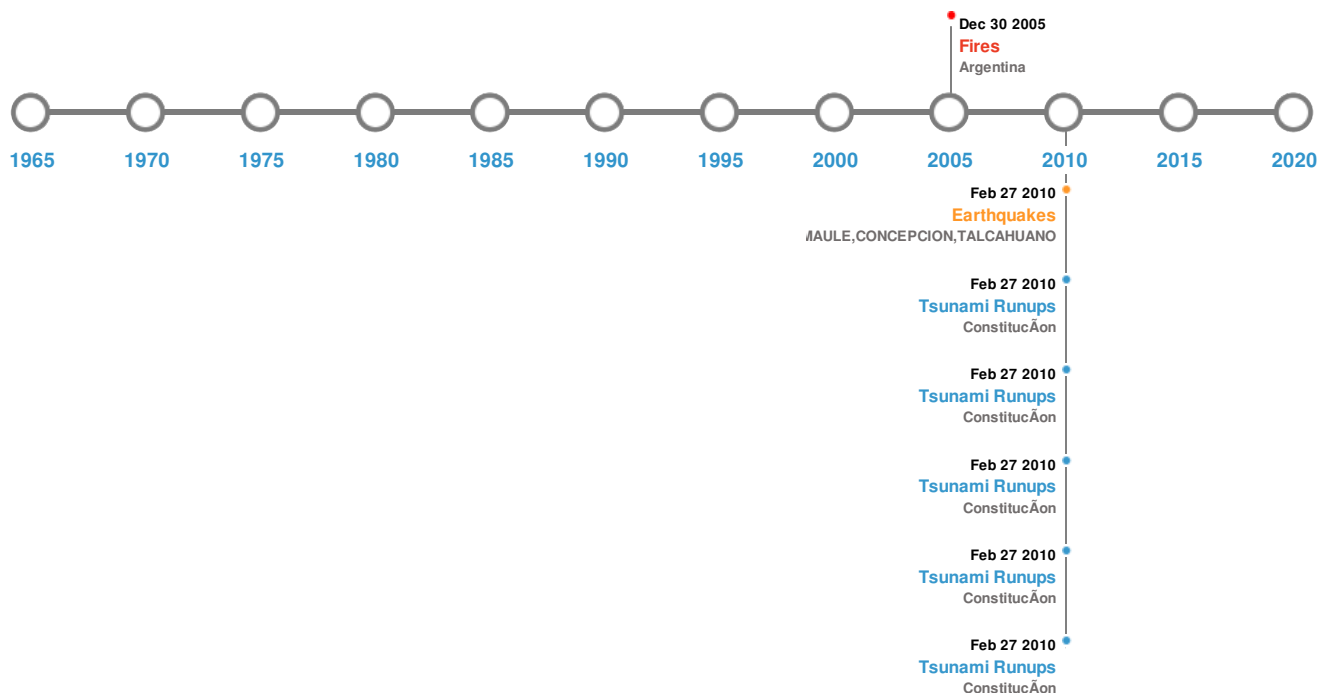
**Chile** ranks **127** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Infrastructure and Marginalization.

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
	25-Jan-1939 00:03:00	8.30	60	CHILE: CHILLAN	36.25° S / 72.25° 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
	27-Feb-2010 00:00:00	CHILE	29	-	Constituc��on	35.33° S / 72.43° W
	27-Feb-2010 00:00:00	CHILE	28	-	Constituc��on	35.33° S / 72.43° W
	27-Feb-2010 00:00:00	CHILE	26.2	-	Constituc��on	35.33° S / 72.43° W
	27-Feb-2010 00:00:00	CHILE	24.09	-	Constituc��on	35.33° S / 72.43° W
	27-Feb-2010 00:00:00	CHILE	23.2	-	Constituc��on	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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