



Region Selected » Lower Left Latitude/Longitude: -33.7535 N° , -71.9096 E°
 Upper Right Latitude/Longitude: -27.7535 N° , -65.9096 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.

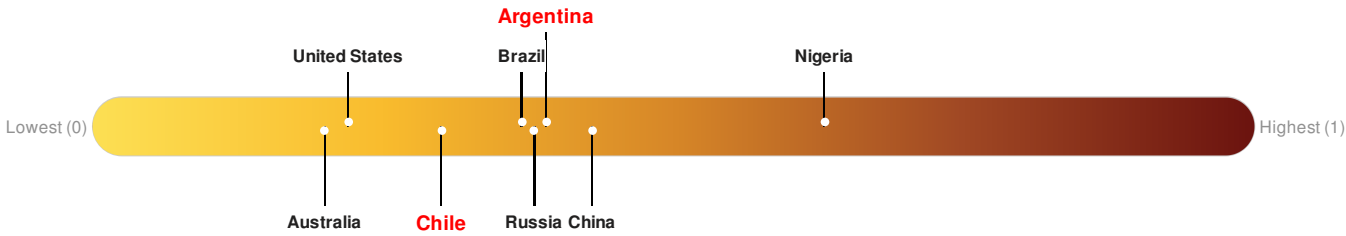
Current Hazards:

Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		23-Sep-2017 17:45:20	5	117.2	58km SSW of San Jose de Jachal, Argentina	30.75° S / 68.91° 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. **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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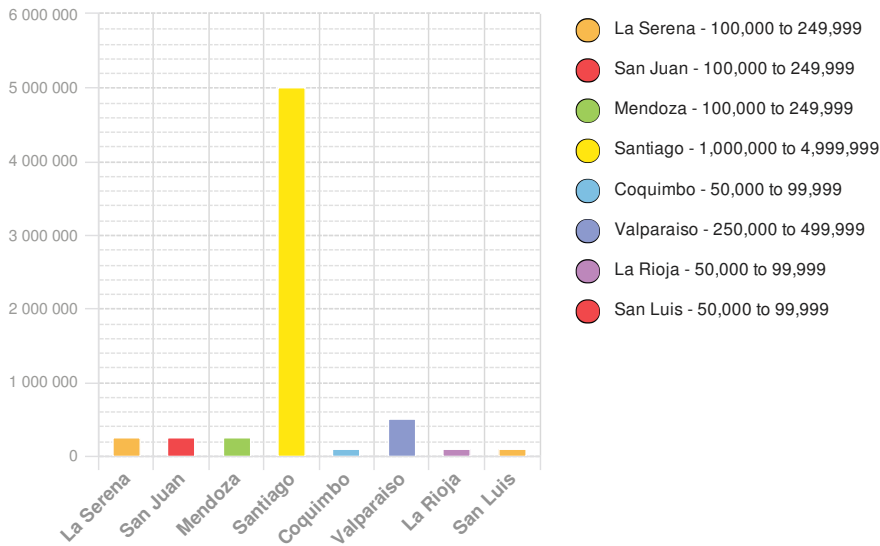
Population Data:

2011

Total: 11,512,611
Max Density: 72,741 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



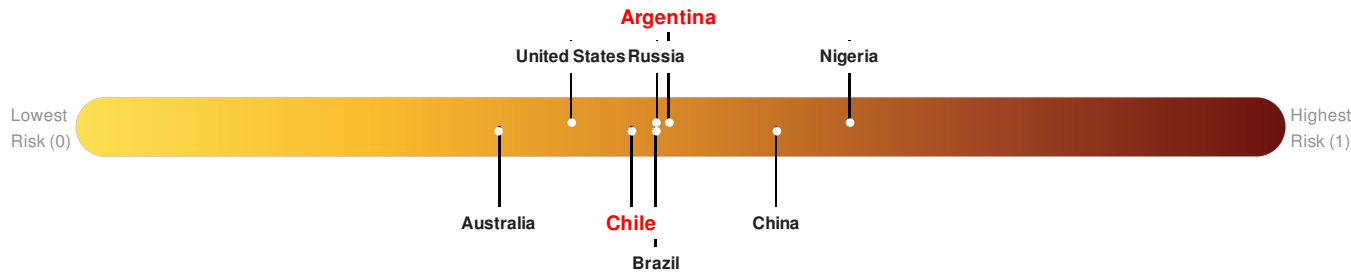
Risk & Vulnerability

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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.

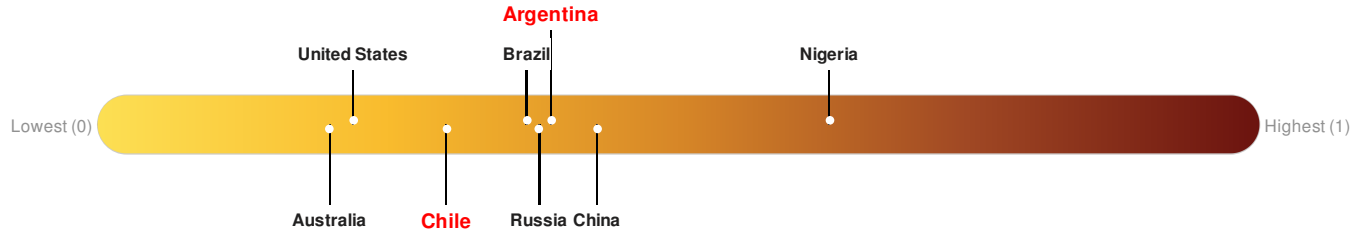
Chile ranks **103** out of **165** on the Multi-Hazard Risk Index with a score of 0.46. Chile is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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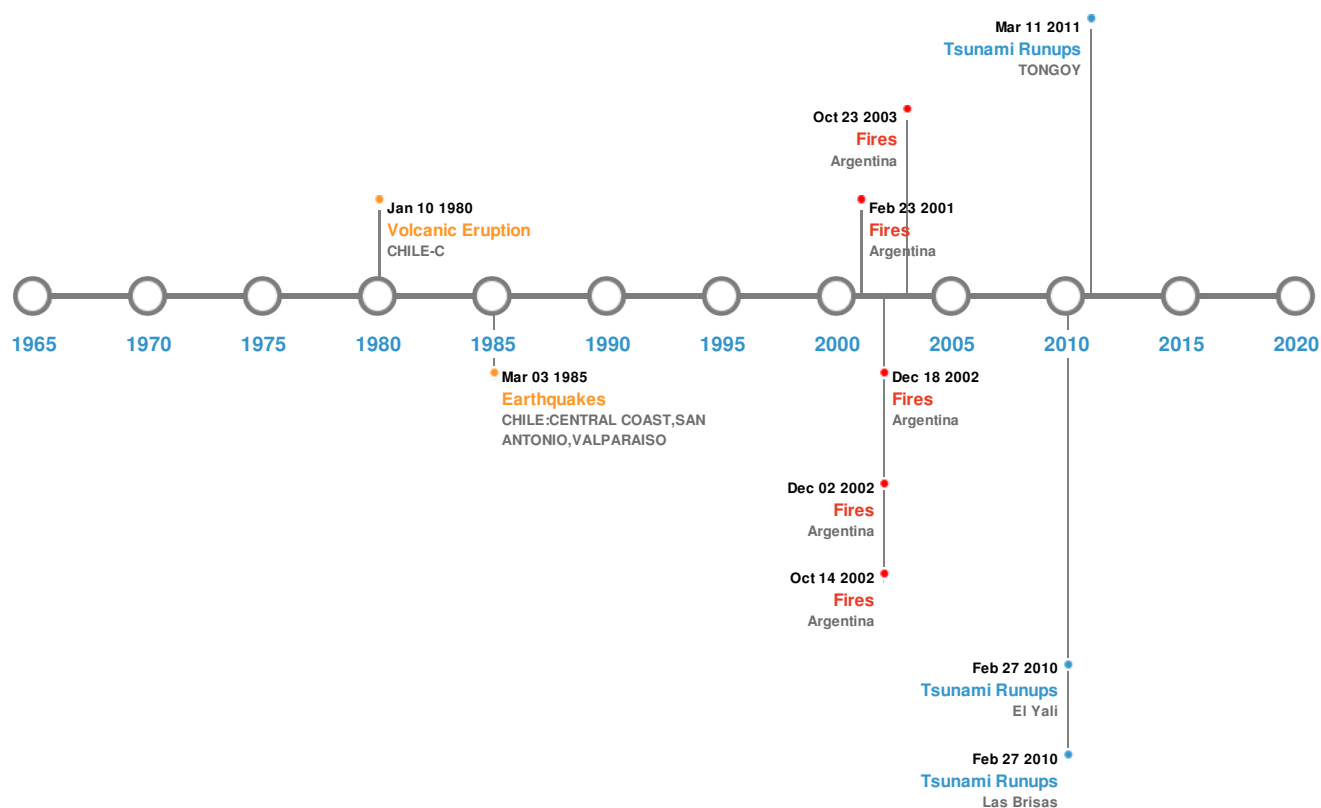
Chile ranks **127** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Infrastructure and Marginalization.

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
	08-Jul-1730 00:08:00	8.70	-	CHILE: VALPARAISO	32.5° S / 71.5° W
	11-Nov-1922 00:04:00	8.50	25	CHILE: ATACAMA	28.5° S / 70° 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
	03-Mar-1985 00:22:00	7.80	33	CHILE: CENTRAL COAST, SAN ANTONIO, VALPARAISO	33.13° S / 71.87° W

Source: [Earthquakes](#)

Volcanic Eruptions:




5 Largest Volcanic Eruptions (Last updated in 2000)

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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TUPUNGATITO	10-Jan-1980 00:00:00	2.00	CHILE-C	33.4° S / 69.8° W
	TUPUNGATITO	03-Aug-1964 00:00:00	2.00	CHILE-C	33.4° S / 69.8° W
	TUPUNGATITO	05-May-1961 00:00:00	2.00	CHILE-C	33.4° S / 69.8° W
	TUPUNGATITO	15-Jul-1960 00:00:00	2.00	CHILE-C	33.4° S / 69.8° 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	- / -
	13-Aug-1868 00:42:00	CHILE	7.5	-	COQUIMBO	29.93° S / 71.35° W
	11-Nov-1922 00:00:00	CHILE	7	200	COQUIMBO	29.93° S / 71.35° W
	27-Feb-2010 00:00:00	CHILE	5.53	-	Las Brisas	33.71° S / 71.66° W
	27-Feb-2010 00:00:00	CHILE	5.2	-	El Yali	33.75° S / 71.71° W

Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	17-Jun-2002 00:00:00 - 02-Dec-2002 00:00:00	80.00	Argentina	33.9° S / 66.59° W
	09-Feb-2001 00:00:00 - 23-Feb-2001 00:00:00	45.50	Argentina	33.74° S / 66.4° W
	04-Aug-2003 00:00:00 - 18-Aug-2003 00:00:00	22.30	Argentina	29.24° S / 66.9° W
	11-Oct-2002 00:00:00 - 14-Oct-2002 00:00:00	21.60	Argentina	28.65° S / 66.2° W
	02-Oct-2003 00:00:00 - 23-Oct-2003 00:00:00	19.90	Argentina	32.87° S / 66.45° 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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