Region Selected » Lower Left Latitude/Longitude: -48.7446 N˚ , -78.6282 E˚
Upper Right Latitude/Longitude: -42.7446 N˚ , -72.6282 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:

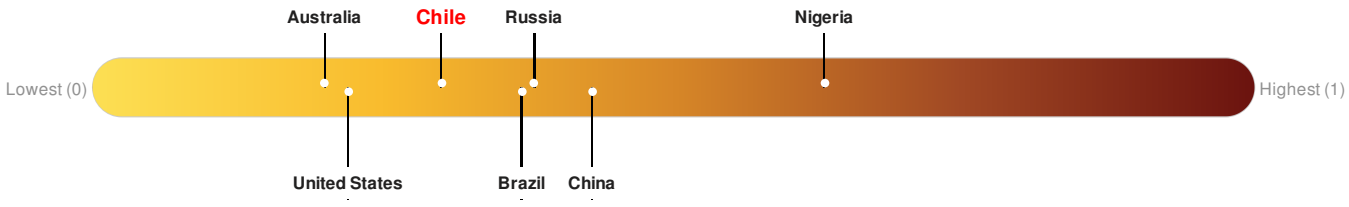
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		27-May-2017 07:56:42	5.1	10	221km W of Puerto Chacabuco, Chile	45.74° S / 75.63° 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. **Chile** ranks **127** out of **165** on the Lack of Resilience index with a score of 0.3.



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

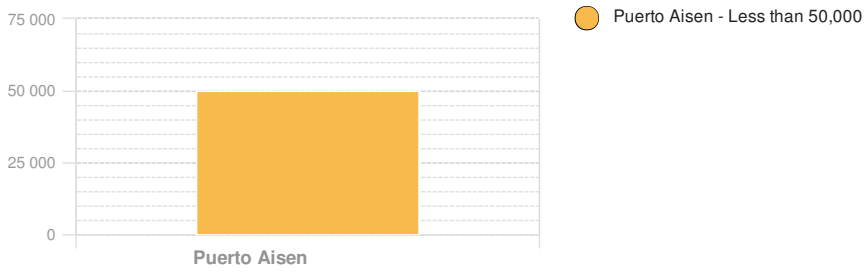
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Population Data:

Populated Areas:

2011

Total: 77, 535
Max Density: 2, 690(ppl/km^2)



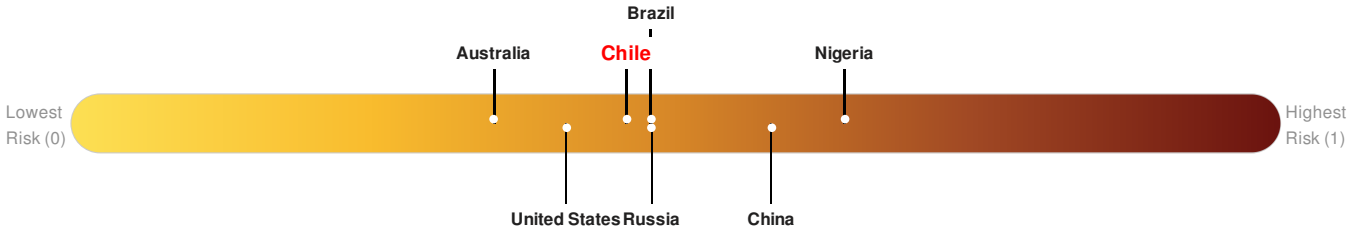
Source: iSciences

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:

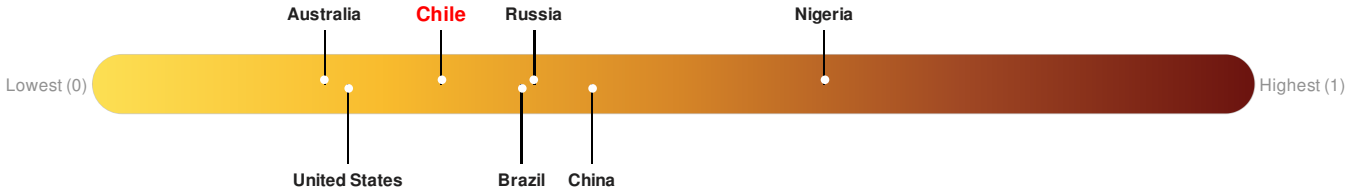
Chile ranks **103** out of **165** on the Multi-Hazard Risk Index with a score of 0.46. Chile is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.



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



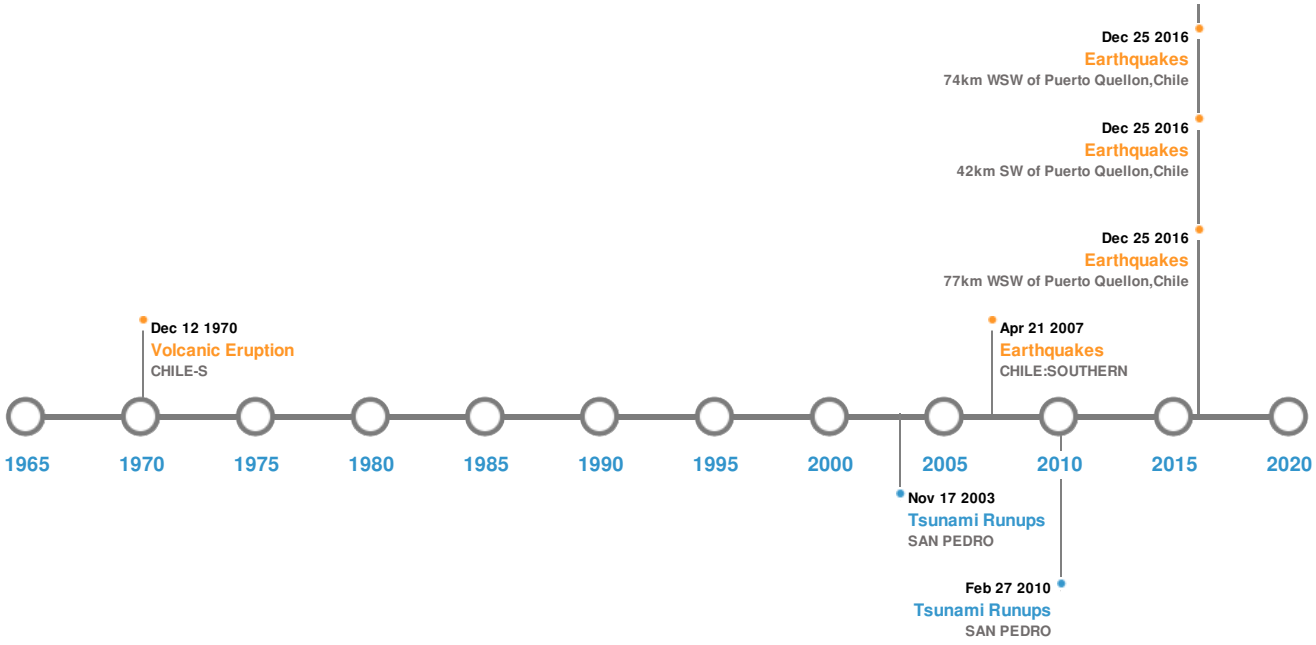
Chile ranks **127** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Infrastructure and Marginalization.

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
	25-Dec-2016 14:22:28	7.70	15	74km WSW of Puerto Quellon, Chile	43.3° S / 74.5° W
	25-Dec-2016 14:22:22	7.70	14.9	77km WSW of Puerto Quellon, Chile	43.31° S / 74.54° W
	25-Dec-2016 14:22:26	7.60	35.15	42km SW of Puerto Quellon, Chile	43.42° S / 73.95° W
	21-Nov-1927 00:23:00	7.10	33	S. CHILE	44.6° S / 73° W
	21-Apr-2007 00:17:00	6.20	37	CHILE: SOUTHERN	45.24° S / 72.65° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	CORCOVADO	12-Aug-1971 00:00:00	3.00	CHILE-S	43.18° S / 72.8° W
	CORCOVADO	11-Nov-1835 00:00:00	2.00	CHILE-S	43.18° S / 72.8° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	CORCOVADO	01-Nov-1834 00:00:00	2.00	CHILE-S	43.18° S / 72.8° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	22-May-1960 00:00:00	CHILE	10	-	GUAFO	43.58° S / 74.83° W
	22-May-1960 00:00:00	CHILE	3	-	PUERTO AISEN	45.4° S / 72.7° W
	22-May-1960 00:00:00	CHILE	3	-	AYSEN PROV.	46.5° S / 73.5° W
	27-Feb-2010 09:42:00	CHILE	0.4	-	SAN PEDRO	47.73° S / 74.9° W
	17-Nov-2003 00:00:00	CHILE	0.04	-	SAN PEDRO	47.73° S / 74.9° W

Source: Tsunamis

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.