



Region Selected » Lower Left Latitude/Longitude: -29.0986 N° , -73.4954 E°
 Upper Right Latitude/Longitude: -23.0986 N° , -67.4954 E°



Earthquake - 6.1 - 53km NW of Diego de Almagro, Chile
 Location: III Región, Chile

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:

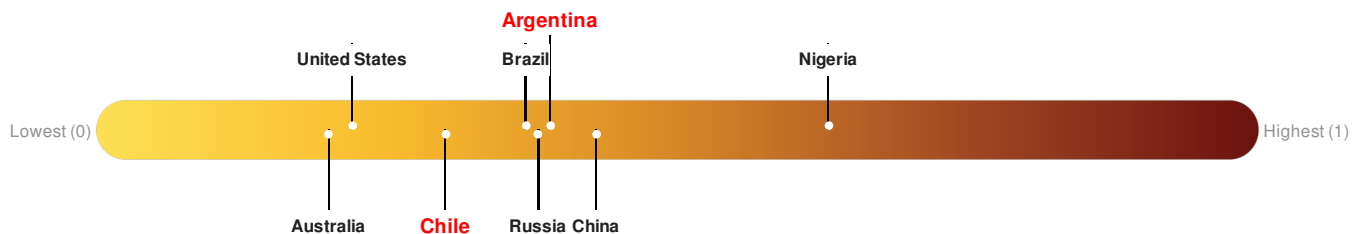
Recent Earthquakes

| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|-------|----------|----------------------|-----------|------------|------------------------------------|-------------------|
| | | 25-Jul-2016 17:47:26 | 6.1 | 71.55 | 53km NW of Diego de Almagro, Chile | 26.1° S / 70.5° 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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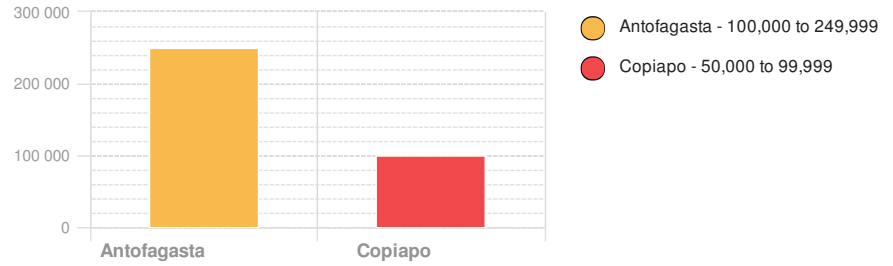
Population Data:

2011

Total: 642, 777

Max Density: 34, 753(ppl/km²)

Populated Areas:



Source: [iSciences](#)

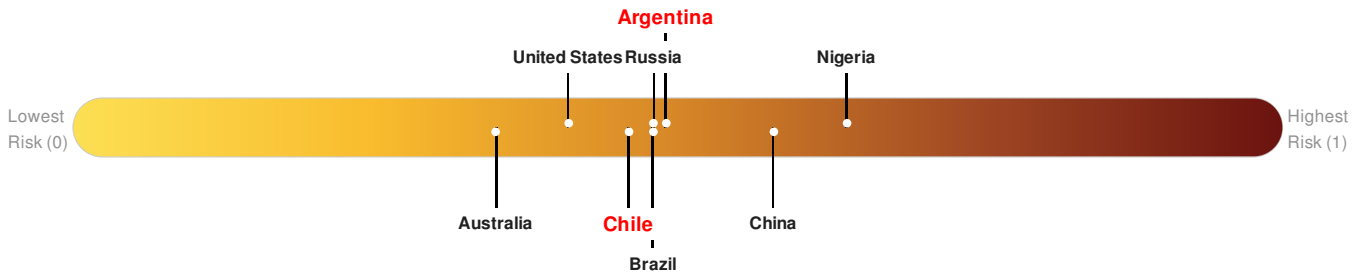
Risk & Vulnerability

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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.

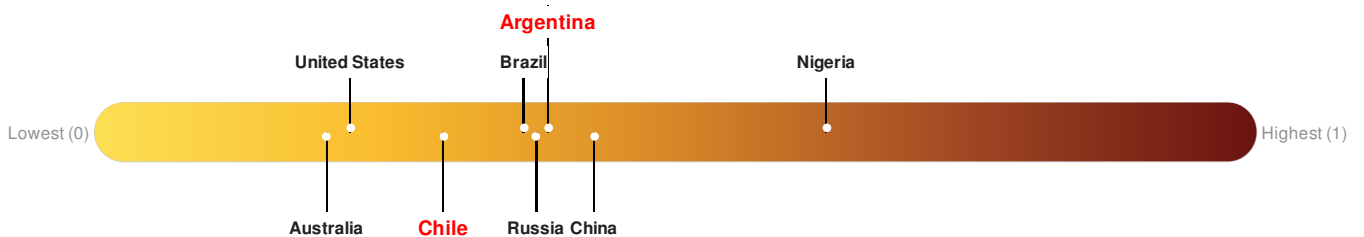
Chile ranks 103 out of 165 on the Multi-Hazard Risk Index with a score of 0.46. Chile is estimated to have relatively high overall exposure, low vulnerability, and high coping capacity.



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.

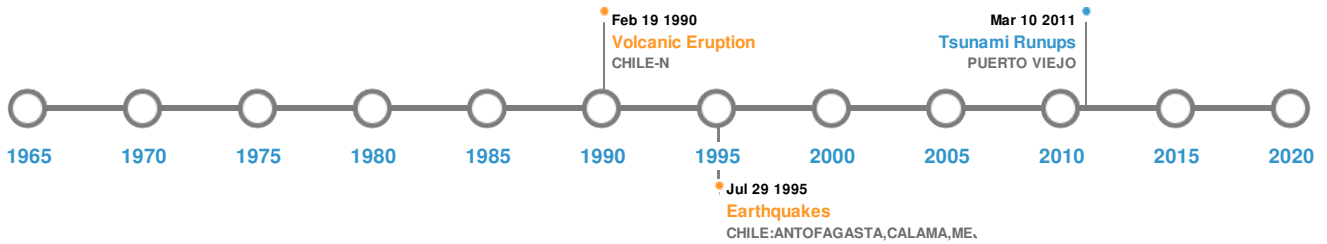
Chile ranks 127 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Infrastructure and Marginalization.

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 |
|---|----------------------|-----------|------------|--|---------------------|
|  | 11-Nov-1922 00:04:00 | 8.50 | 25 | CHILE: ATACAMA | 28.5° S / 70° W |
|  | 12-Apr-1819 00:03:00 | 8.50 | - | CHILE: COPIAPO | 27° S / 71.5° W |
|  | 30-Jul-1995 00:05:00 | 8.00 | 46 | CHILE: ANTOFAGASTA, CALAMA, MEJILLONES | 23.34° S / 70.29° W |
|  | 09-Dec-1950 00:21:00 | 8.00 | 100 | CHILE-ARGENTINA | 23.5° S / 67.5° W |
|  | 04-Apr-1819 00:20:00 | 8.00 | - | CHILE: COPIAPO | 27.4° S / 70.3° W |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|--------|----------------------|----------------------------|----------|---------------------|
|  | LASCAR | 28-Mar-1960 00:00:00 | 3.00 | CHILE-N | 23.37° S / 67.73° W |
|  | LASCAR | 20-Feb-1990 00:00:00 | 2.00 | CHILE-N | 23.37° S / 67.73° W |
|  | LASCAR | 01-Nov-1959 00:00:00 | 2.00 | CHILE-N | 23.37° S / 67.73° W |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|--------|----------------------|----------------------------|----------|---------------------|
|  | LASCAR | 01-Jun-1954 00:00:00 | 2.00 | CHILE-N | 23.37° S / 67.73° W |
|  | LASCAR | 01-Nov-1951 00:00:00 | 2.00 | CHILE-N | 23.37° S / 67.73° 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 | - | - | PUERTO VIEJO | - / - |
|  | 10-May-1877 01:29:00 | CHILE | 21 | 33 | MEJILLONES | 23.1° S / 70.45° W |
|  | 11-Nov-1922 06:00:00 | CHILE | 9 | - | CHANARAL | 26.38° S / 70.67° W |
|  | 11-Nov-1922 05:03:00 | CHILE | 7 | - | CALDERA | 27.07° S / 70.83° W |
|  | 10-May-1877 01:05:00 | CHILE | 6 | - | ANTOFAGASTA | 23.65° S / 70.4° 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.

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