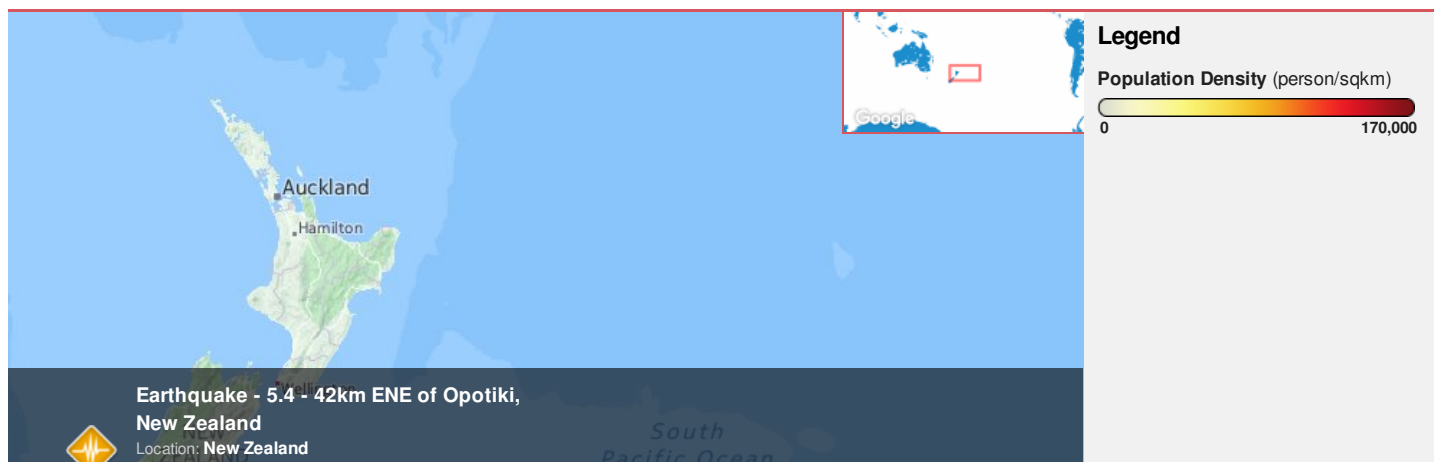




Region Selected » Lower Left Latitude/Longitude: -40.94 N° , 174.73 E°
 Upper Right Latitude/Longitude: -34.94 N° , 180.0 E°



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:

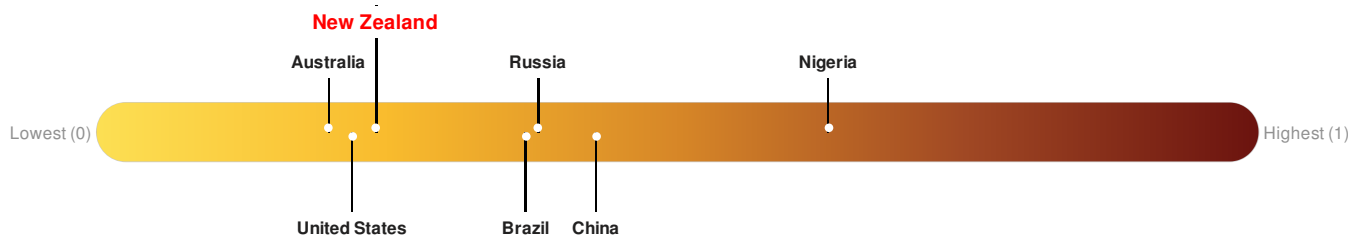
Recent Earthquakes

| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|-------|----------|----------------------|-----------|------------|----------------------------------|----------------------|
| | | 22-Jan-2017 21:26:02 | 5.4 | 54.14 | 42km ENE of Opotiki, New Zealand | 37.94° S / 177.73° E |

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. **New Zealand** ranks **140** out of **165** on the Lack of Resilience index with a score of 0.24.



New Zealand ranks **140** 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, Environmental Stress and Economic Constraints.

Source: [PDC](#)

Regional Overview

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Population Data:

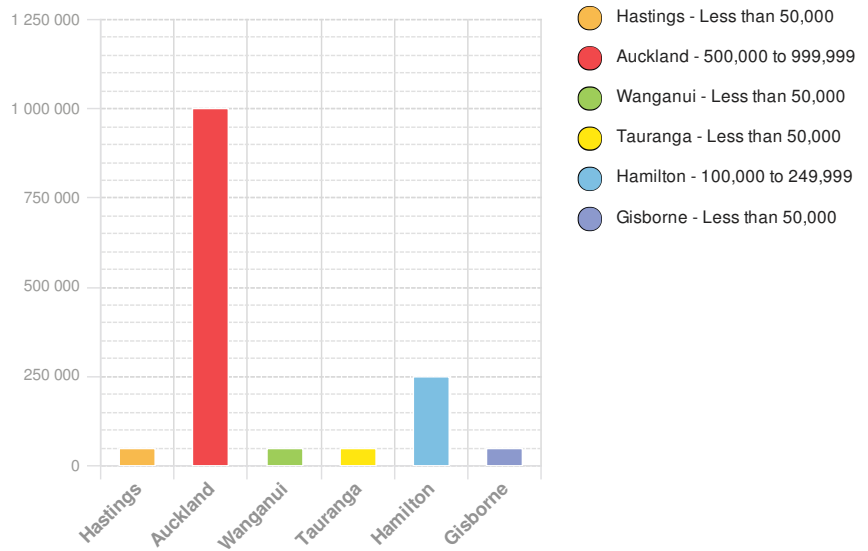
Populated Areas:

2011

Total: 2,033,650

Max Density: 7,849 (ppl/km²)

Source: [iSciences](#)

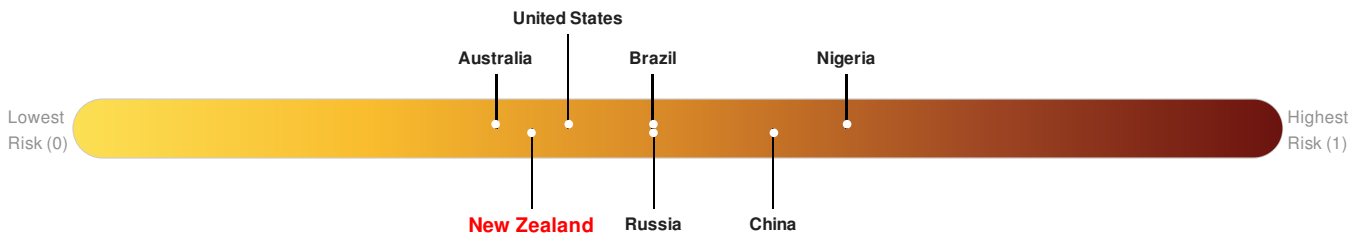


Risk & Vulnerability

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Multi Hazard Risk Index:

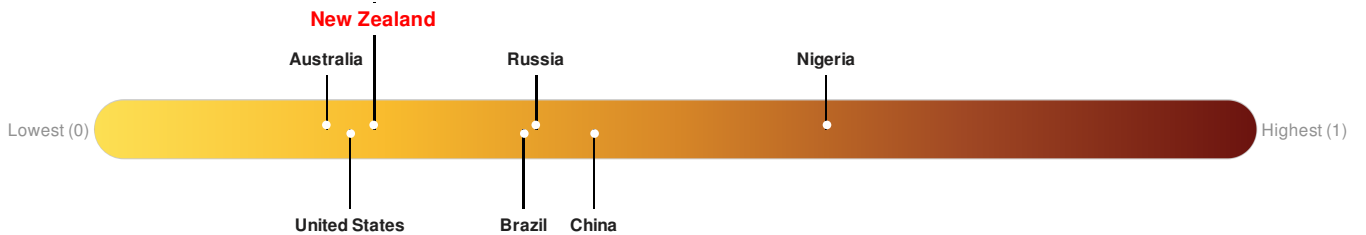
New Zealand ranks 132 out of 165 on the Multi-Hazard Risk Index with a score of 0.38. New Zealand is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



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. **New Zealand** ranks 140 out of 165 on the Lack of Resilience index with a score of 0.24.



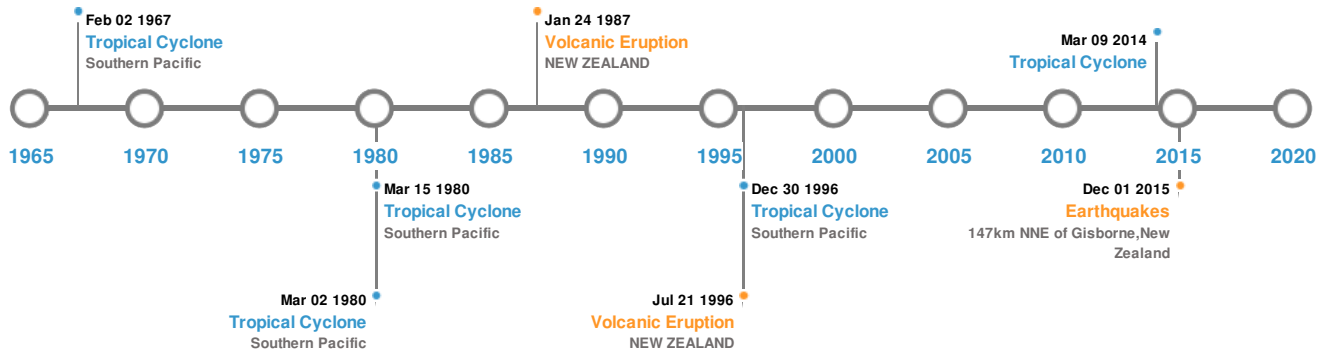
New Zealand ranks 140 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

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 |
|---|----------------------|-----------|------------|------------------------------------|---------------------|
|  | 02-Feb-1931 00:22:00 | 7.80 | 10 | NEW ZEALAND: HAWKE BAY | 39.5° S / 177° E |
|  | 05-Mar-1934 00:11:00 | 7.50 | 60 | NEW ZEALAND: NORTH ISLAND | 40.5° S / 175.5° E |
|  | 08-Aug-1904 00:22:00 | 7.50 | 33 | NEW ZEALAND: E OF NORTH ISLAND | 40.5° S / 177° E |
|  | 08-Jul-1843 00:00:00 | 7.50 | 33 | NEW ZEALAND: WANGANUI | 39.9° S / 175° E |
|  | 01-Sep-2016 16:38:02 | 7.20 | 159.1 | 147km NNE of Gisborne, New Zealand | 37.5° S / 178.85° E |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|-------------------|----------------------|----------------------------|-------------|----------------------|
|  | TAUPO VOLC CENTRE | 01-Jan-0186 00:00:00 | 6.00 | NEW ZEALAND | 38.81° S / 176° E |
|  | TARAWERA | 10-Jun-1886 00:00:00 | 5.00 | NEW ZEALAND | 38.23° S / 176.51° E |
|  | TARAWERA | 01-Jan-1020 00:00:00 | 5.00 | NEW ZEALAND | 38.23° S / 176.51° E |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|--------------|----------------------|----------------------------|-------------|----------------------|
|  | RUAPEHU | 22-Jul-1996 00:00:00 | 3.00 | NEW ZEALAND | 39.28° S / 175.57° E |
|  | WHITE ISLAND | 25-Jan-1987 00:00:00 | 3.00 | NEW ZEALAND | 37.52° S / 177.18° E |

Source: [Volcanoes](#)

Tsunami Runups:






5 Largest Tsunami Runups

| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|---|----------------------|-------------|-----------|--------|--------------|----------------------|
|  | 25-Mar-1947 00:00:00 | NEW ZEALAND | 10 | - | TATAPOURI | 38.66° S / 178.15° E |
|  | 17-May-1947 00:00:00 | NEW ZEALAND | 6 | - | WAIHAU BEACH | 37.62° S / 177.92° E |
|  | 17-May-1947 00:00:00 | NEW ZEALAND | 5 | - | TATAPOURI | 38.66° S / 178.15° E |
|  | 22-May-1960 00:00:00 | NEW ZEALAND | 4 | - | GISBORNE | 38.68° S / 178.02° E |
|  | 17-May-1947 00:00:00 | NEW ZEALAND | 4 | - | TOLAGA BAY | 38.4° S / 178.33° E |

Source: [Tsunamis](#)

Tropical Cyclones:

5 Largest Tropical Cyclones

| Event | Name | Start/End Date(UTC) | Max Wind Speed (mph) | Min Pressure (mb) | Location | Lat/Long |
|---|------------|---|----------------------|-------------------|------------------|---------------------|
|  | 1980-02-21 | 21-Feb-1980 06:00:00 - 03-Mar-1980 06:00:00 | 115 | No Data | Southern Pacific | 27.44° S / 0° |
|  | 1996-12-19 | 19-Dec-1996 12:00:00 - 30-Dec-1996 12:00:00 | 104 | No Data | Southern Pacific | 22.18° S / 167.8° E |
|  | 1967-01-22 | 22-Jan-1967 18:00:00 - 02-Feb-1967 12:00:00 | 104 | No Data | Southern Pacific | 25.75° S / 165.2° E |
|  | 1980-03-10 | 10-Mar-1980 06:00:00 - 16-Mar-1980 06:00:00 | 81 | No Data | Southern Pacific | 30.28° S / 0° |
|  | LUSI | 10-Mar-2014 00:00:00 - 10-Mar-2014 00:00:00 | 52 | - | - | 35.5° S / 174.8° E |

Source: [Tropical Cyclones](#)

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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