



Region Selected » Lower Left Latitude/Longitude: -40.5 N° , 176.2 E°
 Upper Right Latitude/Longitude: -34.5 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
		01-Sep-2016 16:46:47	7.1	30.71	167km NE of Gisborne, New Zealand	37.46° S / 179.18° E
		31-Aug-2016 22:27:15	5.8	22.4	188km NNE of Gisborne, New Zealand	37.21° S / 179.12° E

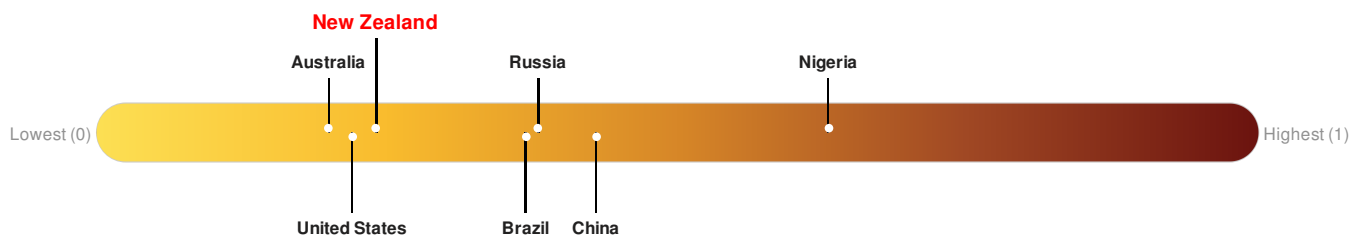
Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		01-Sep-2016 16:46:45	Tsunami Information (Pacific Ocean) - Off East Coast Of The North Island N.z. - 7.0	37.5° S / 179.2° 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.

Regional Overview

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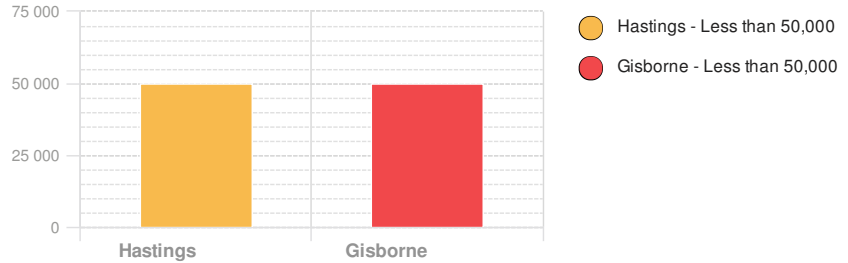
Population Data:

2011

Total: 365,756

Max Density: 5,393 (ppl/km²)

Populated Areas:



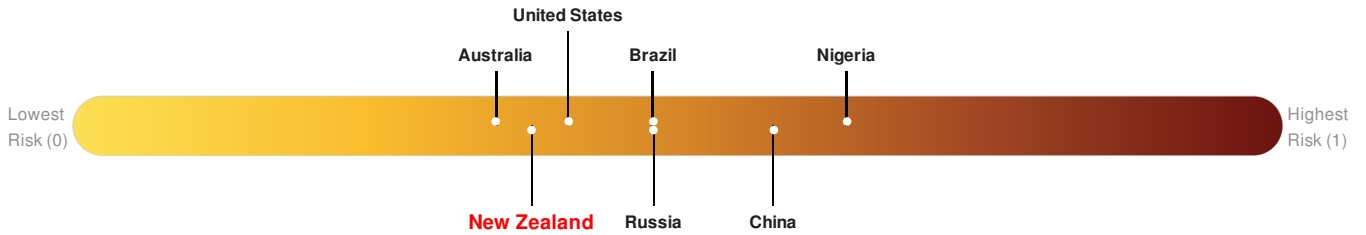
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

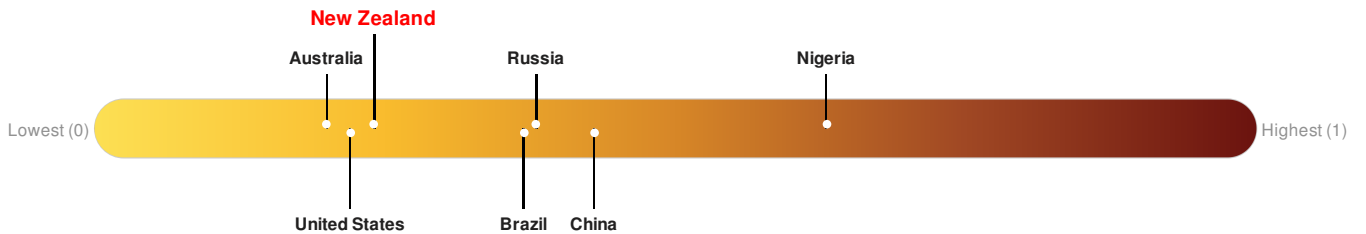
New Zealand ranks 132 out of 165 on the Multi-Hazard Risk Index with a score of 0.38. New Zealand is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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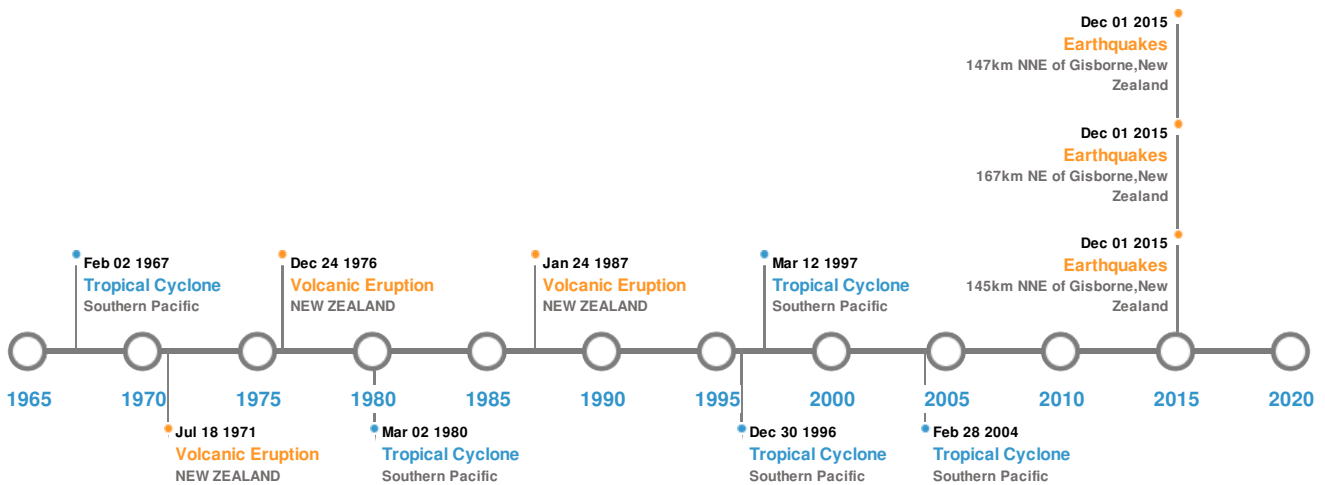
New Zealand ranks 140 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Stress and Economic Constraints.

Source: [PDC](#)

Historical Hazards

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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
	02-Feb-1931 00:22:00	7.80	10	NEW ZEALAND: HAWKE BAY	39.5° S / 177° E
	08-Aug-1904 00:22:00	7.50	33	NEW ZEALAND: E OF NORTH ISLAND	40.5° S / 177° E
	01-Sep-2016 16:38:02	7.20	159.1	147km NNE of Gisborne, New Zealand	37.5° S / 178.85° E
	01-Sep-2016 16:37:57	7.20	159	145km NNE of Gisborne, New Zealand	37.5° S / 178.8° E
	01-Sep-2016 16:37:58	7.10	30.71	167km NE of Gisborne, New Zealand	37.46° S / 179.18° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	WHITE ISLAND	25-Aug-1977 00:00:00	3.00	NEW ZEALAND	37.52° S / 177.18° E
	WHITE ISLAND	19-Jul-1971 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
	1997-03-02	02-Mar-1997 06:00:00 - 12-Mar-1997 18:00:00	138	No Data	Southern Pacific	22.38° S / 0°
	IVY	23-Feb-2004 06:00:00 - 28-Feb-2004 18:00:00	127	No Data	Southern Pacific	24.26° S / 172.3° E
	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

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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