



Region Selected » Lower Left Latitude/Longitude: -43.5894 N° , 174.088 E°
Upper Right Latitude/Longitude: -37.5894 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.

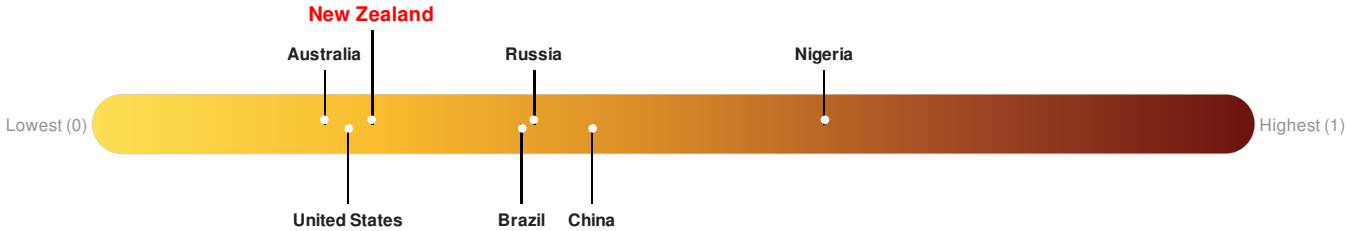
Current Hazards:

Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		22-Nov-2016 00:43:31	5.9	9.6	81km ENE of Castlepoint, New Zealand	40.59° S / 177.09° 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

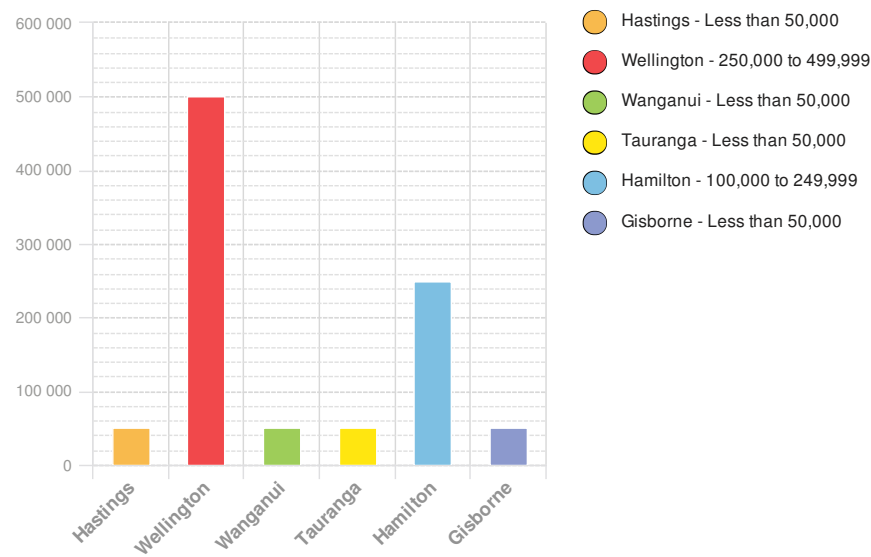
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Population Data: Populated Areas:

2011

Total: 1, 503, 564
Max Density: 7, 220(ppl/km²)

Source: [iSciences](#)

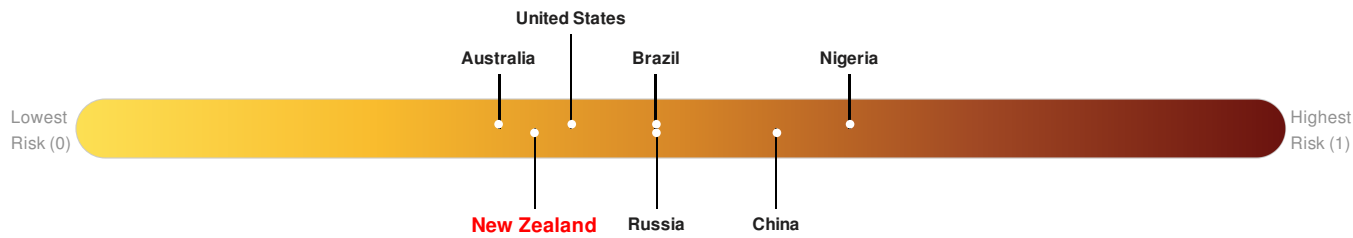


Risk & Vulnerability

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Multi Hazard Risk Index:

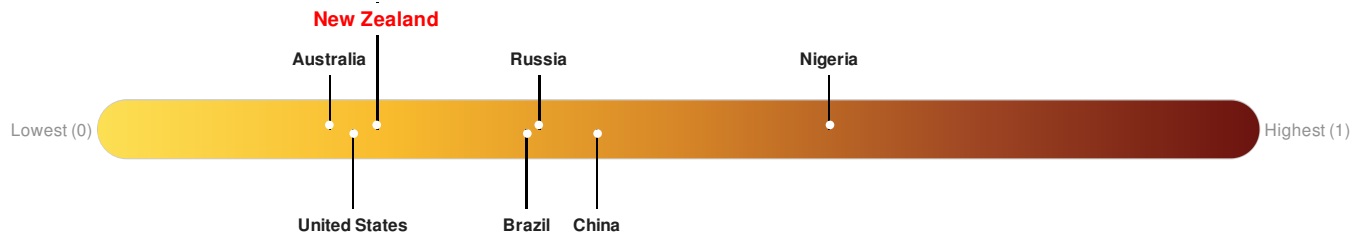
New Zealand ranks 132 out of 165 on the Multi-Hazard Risk Index with a score of 0.38. New Zealand is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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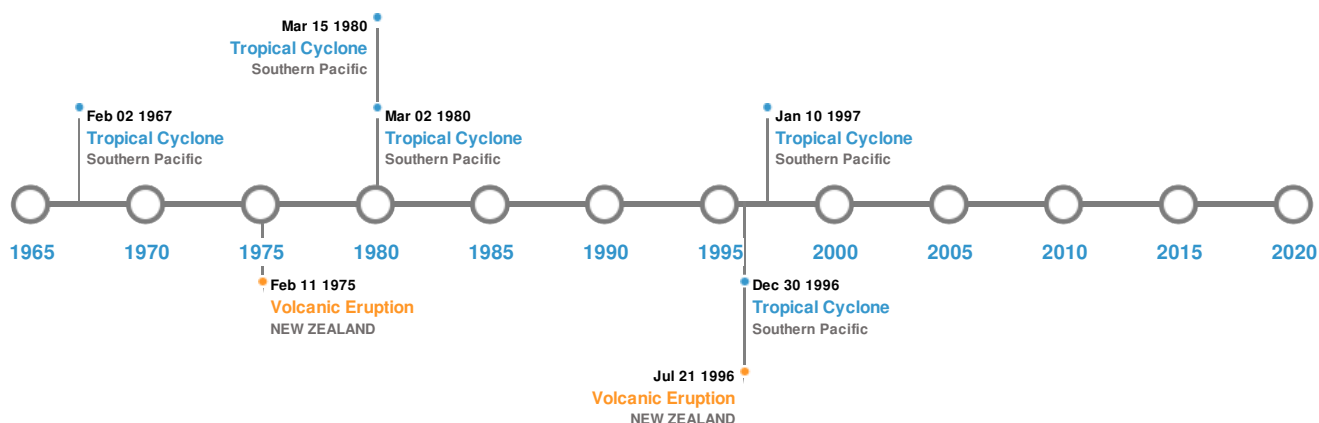
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Source: [PDC](#)

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
	23-Jan-1855 00:09:00	8.00	33	NEW ZEALAND: WELLINGTON, WAIOURU, WANGANUI, OTAKI	41.25° S / 175° E
	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

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
	NGAURUHOE	12-Feb-1975 00:00:00	3.00	NEW ZEALAND	39.16° S / 175.63° 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
	23-Jan-1855 00:00:00	NEW ZEALAND	9	-	PALISSER BAY	41.63° S / 175.33° 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

Source: [Tsunamis](#)

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	1997-01-01	01-Jan-1997 06:00:00 - 11-Jan-1997 06:00:00	138	No Data	Southern Pacific	26.55° S / 167.1° 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°
	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
	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
	1980-03-10	10-Mar-1980 06:00:00 - 16-Mar-1980 06:00:00	81	No Data	Southern Pacific	30.28° S / 0°

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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