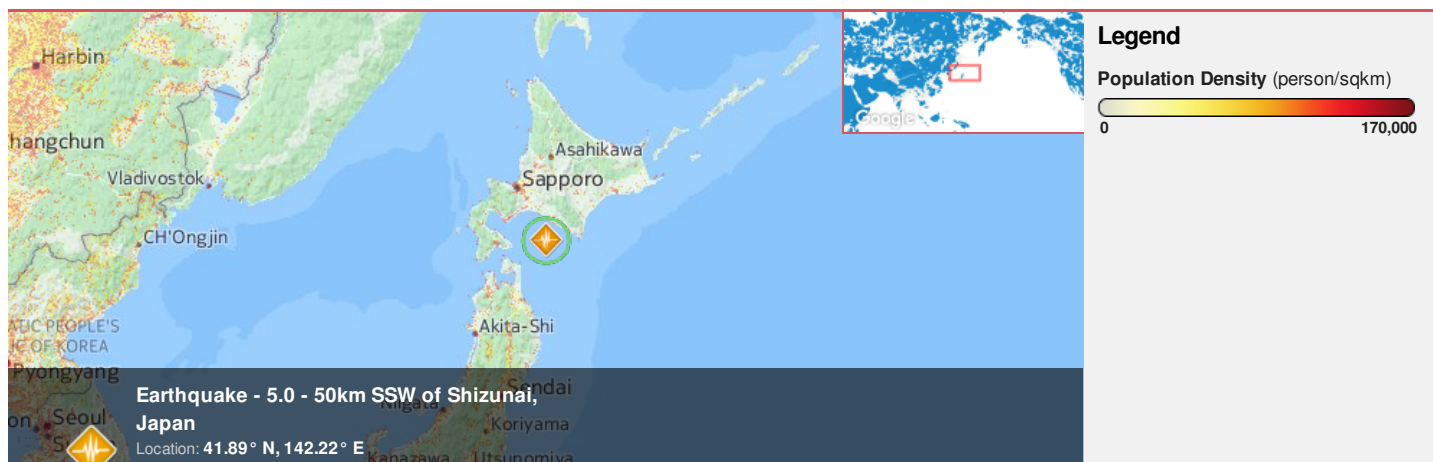




Region Selected » Lower Left Latitude/Longitude: 38.8926 N° , 139.2176 E°
 Upper Right Latitude/Longitude: 44.8926 N° , 145.2176 E°



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:

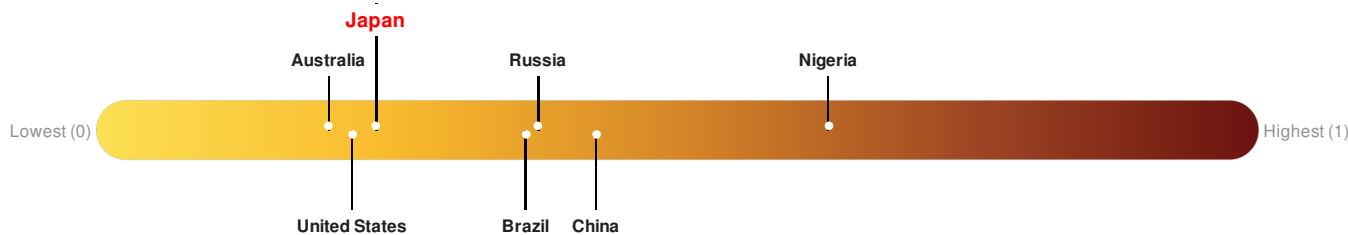
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		26-Sep-2016 02:57:27	5	65.04	50km SSW of Shizunai, Japan	41.89° N / 142.22° 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. **Japan** ranks **140** out of **165** on the Lack of Resilience index with a score of 0.24.



Japan 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, Marginalization and Environmental Capacity.

Source: [PDC](#)

Regional Overview

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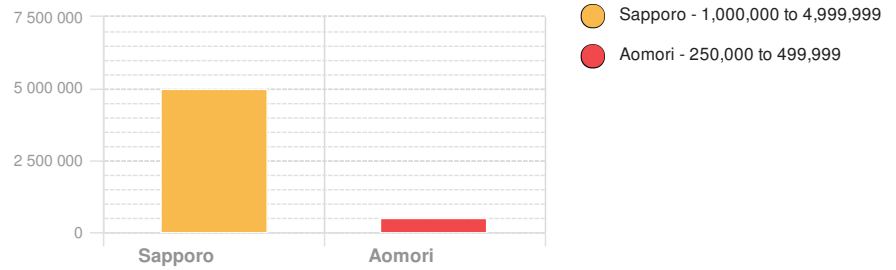
Population Data:

Populated Areas:

2011

Total: 9,612,114

Max Density: 21,015 (ppl/km²)



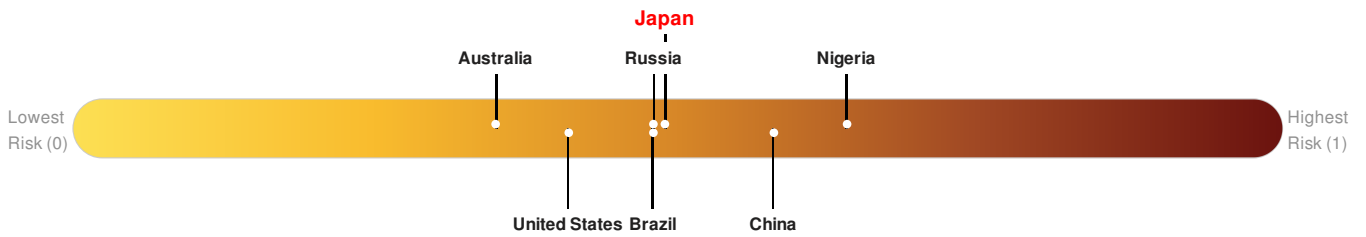
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

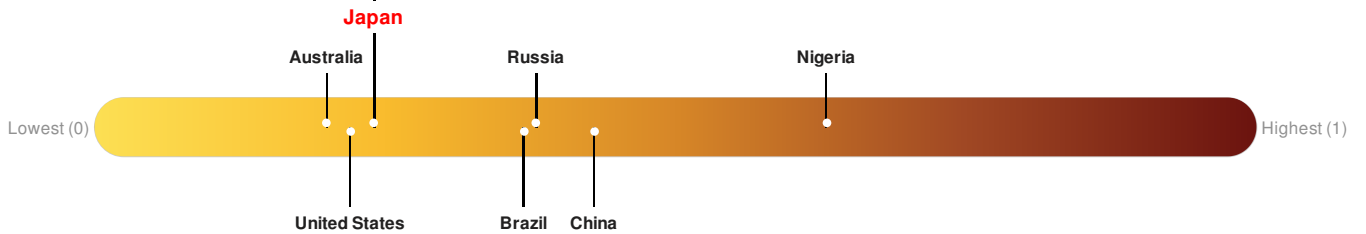
Japan ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Japan is estimated to have relatively very high overall exposure, low vulnerability, and very high coping capacity.



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



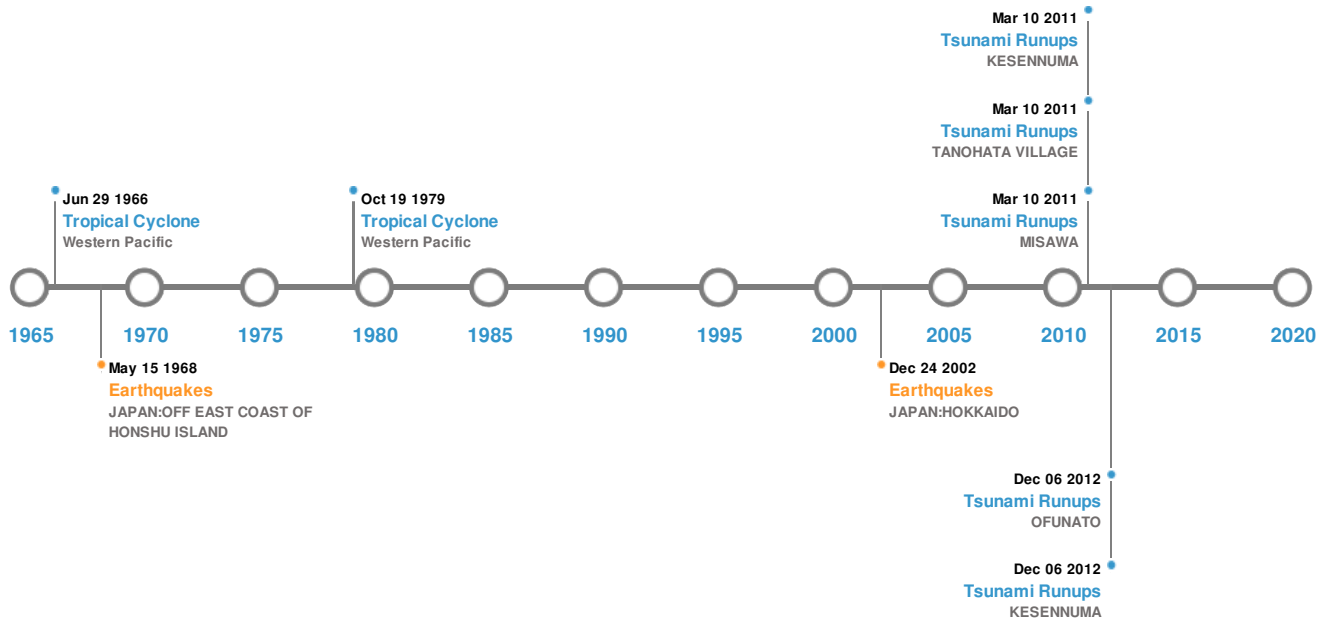
Japan ranks **140** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

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-Mar-1933 00:17:00	8.40	10	JAPAN: SANRIKU	39.1° N / 144.7° E
	25-Sep-2003 00:19:00	8.30	27	JAPAN: HOKKAIDO	41.82° N / 143.91° E
	07-Feb-1897 00:07:00	8.30	60	JAPAN	40° N / 140° E
	16-May-1968 00:00:00	8.20	7	JAPAN: OFF EAST COAST OF HONSHU ISLAND	40.8° N / 143.2° E
	09-Aug-1901 00:18:00	8.20	33	JAPAN: OFF NORTHEAST COAST HONSHU	40.6° N / 142.3° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TARUMAI	01-Aug-1739 00:00:00	5.00	HOKKAIDO-JAPAN	42.68° N / 141.38° E
	TARUMAI	06-Aug-1667 00:00:00	5.00	HOKKAIDO-JAPAN	42.68° N / 141.38° E
	USU	16-Aug-1663 00:00:00	5.00	HOKKAIDO-JAPAN	42.53° N / 140.83° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	KOMAGA-TAKE	17-Jun-1929 00:00:00	4.00	HOKKAIDO-JAPAN	42.07° N / 140.68° E
	TARUMAI	12-Apr-1909 00:00:00	4.00	HOKKAIDO-JAPAN	42.68° N / 141.38° E

Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	07-Dec-2012 00:00:00	JAPAN	-	-	KESENNUMA	- / -
	07-Dec-2012 00:00:00	JAPAN	-	-	OFUNATO	- / -
	11-Mar-2011 05:54:24	JAPAN	-	1023	KESENNUMA	- / -
	11-Mar-2011 00:00:00	JAPAN	-	-	MISAWA	- / -
	11-Mar-2011 00:00:00	JAPAN	-	14	TANOHATA VILLAGE	- / -

Source: [Tsunamis](#)

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	NANCY	07-Sep-1961 18:00:00 - 17-Sep-1961 12:00:00	213	No Data	Western Pacific	31.48° N / 146.6° E
	IDA	20-Sep-1958 18:00:00 - 27-Sep-1958 18:00:00	201	No Data	Western Pacific	26.88° N / 140.85° E
	KIT	22-Jun-1966 06:00:00 - 29-Jun-1966 18:00:00	196	No Data	Western Pacific	26.45° N / 141.6° E
	TIP	04-Oct-1979 06:00:00 - 19-Oct-1979 18:00:00	190	No Data	Western Pacific	23.8° N / 141.4° E
	SARAH	11-Sep-1959 06:00:00 - 19-Sep-1959 18:00:00	190	No Data	Western Pacific	30.75° N / 135.65° 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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