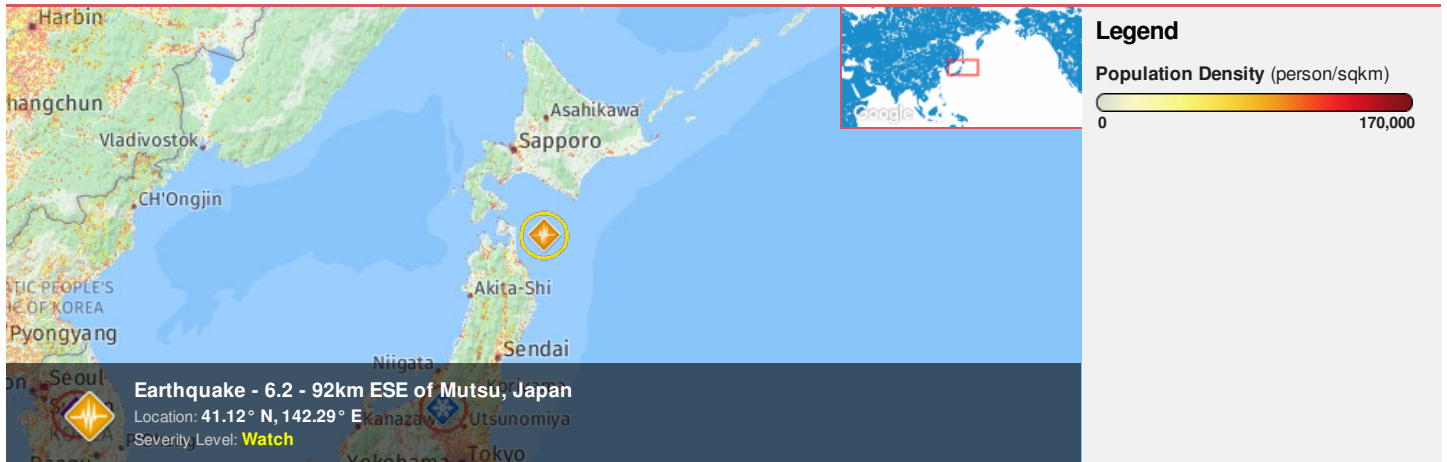




Region Selected » Lower Left Latitude/Longitude: 38.1217 N°, 139.294 E°
 Upper Right Latitude/Longitude: 44.1217 N°, 145.294 E°



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

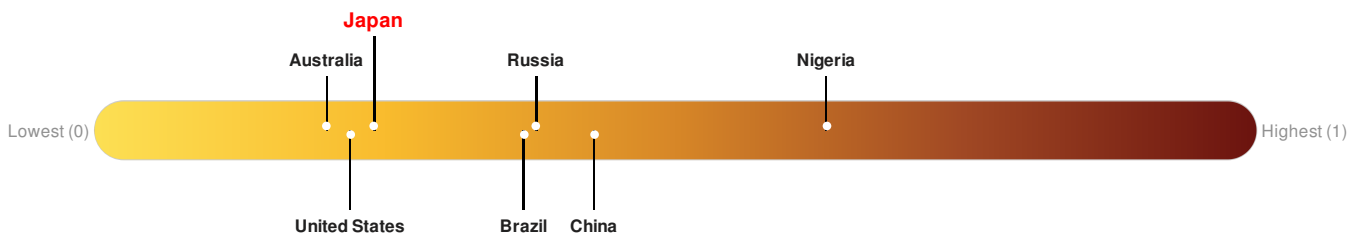
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		24-Jan-2018 11:13:26	6.2	39.75	92km ESE of Mutsu, Japan	41.12° N / 142.29° E

Source: [PDC](#)

Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Japan ranks **140** out of **165** countries assessed for Lack of Resilience. Japan is less resilient than 16% of countries assessed. This indicates that Japan has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

Regional Overview

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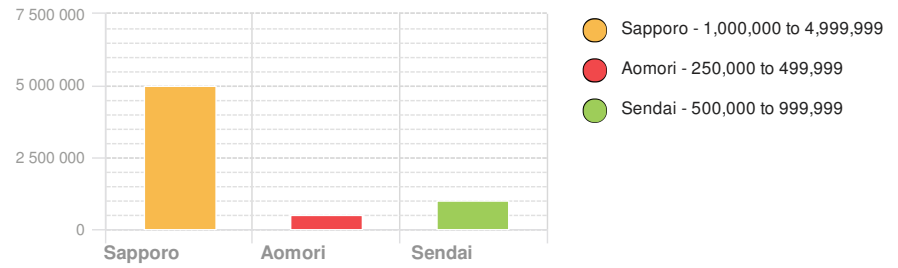
Population Data:

2011

Total: 12,443,618

Max Density: 27,496 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

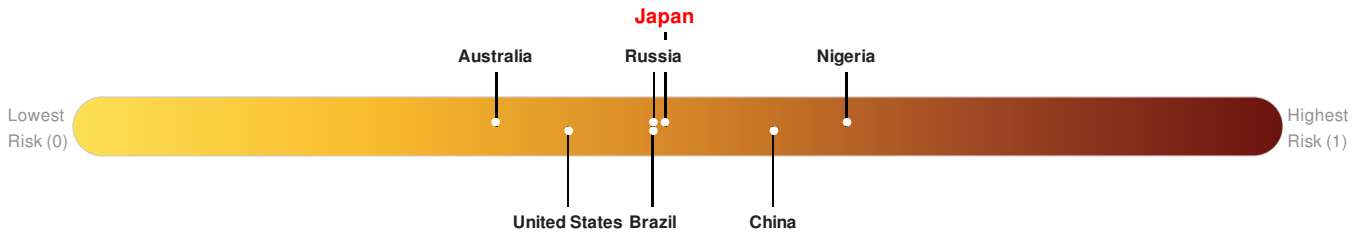
Risk & Vulnerability

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.

Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure **Japan** ranks **81** out of **165** countries assessed for Multi Hazard Risk. Japan has a Multi Hazard Risk higher than 51% of countries assessed. This indicates that Japan has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

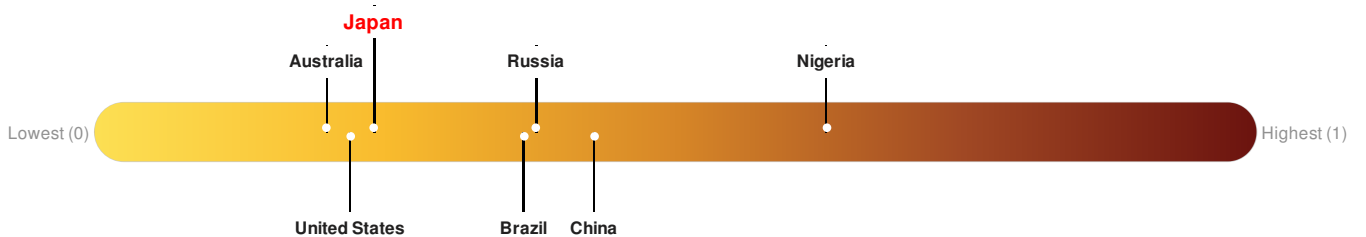


Source: [PDC](#)

Lack of Resilience Index:

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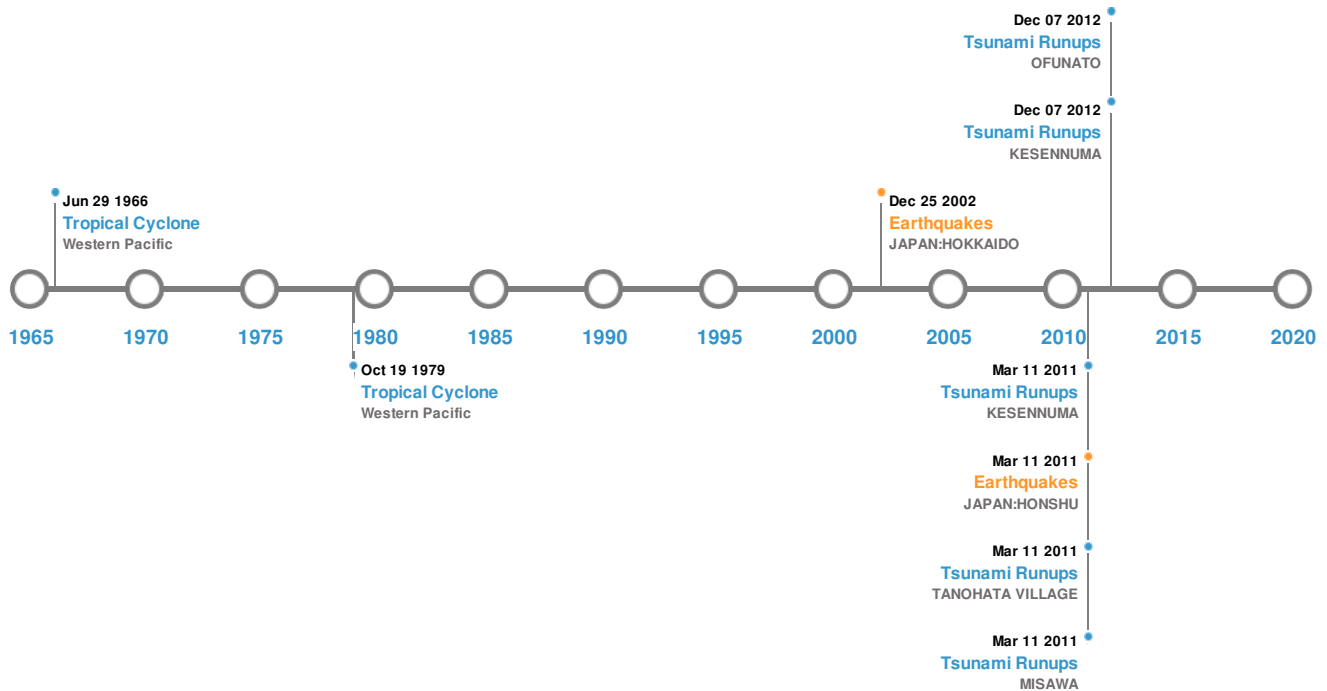


Source: [PDC](#)

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
	11-Mar-2011 05:46:24	9.00	29	JAPAN: HONSHU	38.3° N / 142.37° E
	13-Jul-0869 00:00:00	8.60	-	JAPAN: SANRIKU	38.5° N / 143.8° E
	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

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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	USU	16-Aug-1663 00:00:00	5.00	HOKKAIDO-JAPAN	42.53° N / 140.83° E
	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
	VIOLET	04-Oct-1961 06:00:00 - 11-Oct-1961 12:00:00	207	No Data	Western Pacific	30.93° N / 142.35° 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

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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