



Region Selected » Lower Left Latitude/Longitude: 31.829300000000003 N°, 132.6378 E°
 Upper Right Latitude/Longitude: 37.8293 N°, 138.6378 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:

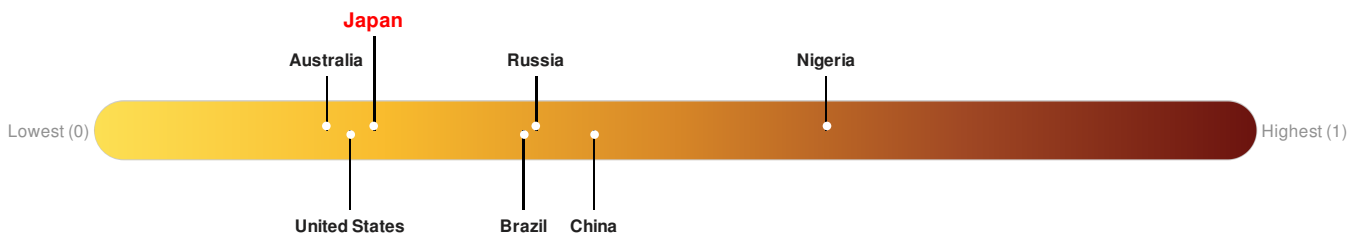
Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		17-Jun-2018 23:31:38	5.5	13.19	2km NNW of Hirakata, Japan	34.83° N / 135.64° E

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:

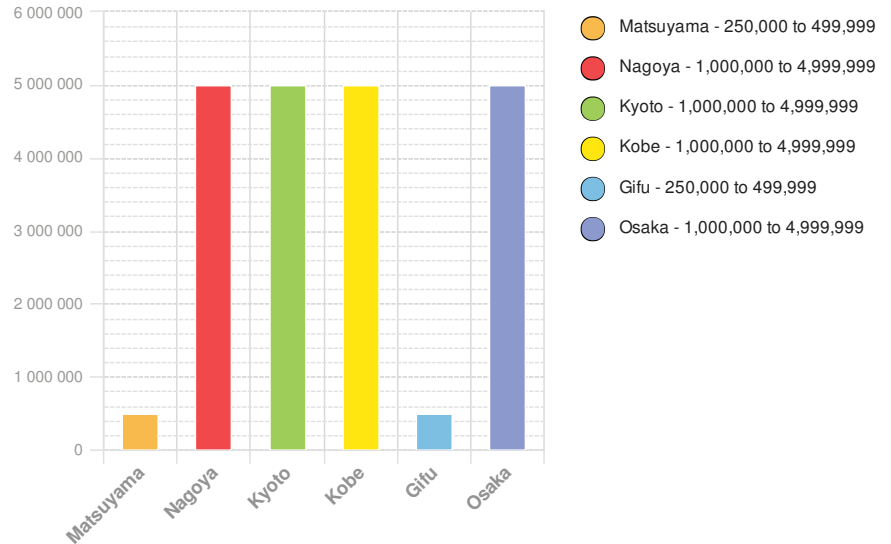
2011

Total: 49,136,168

Max Density: 32,144 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



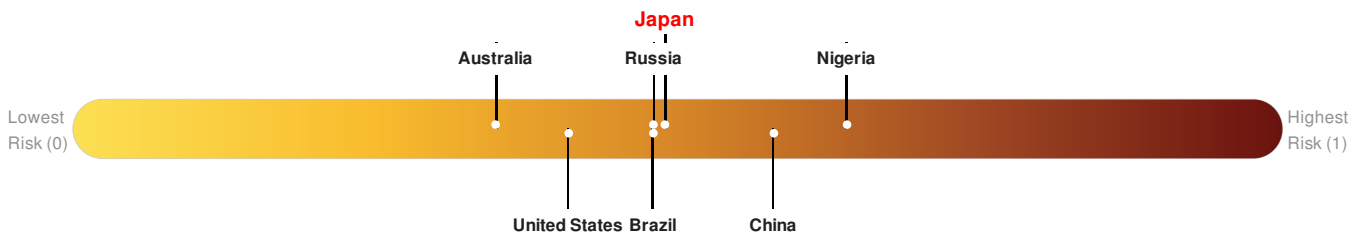
Risk & Vulnerability

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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.

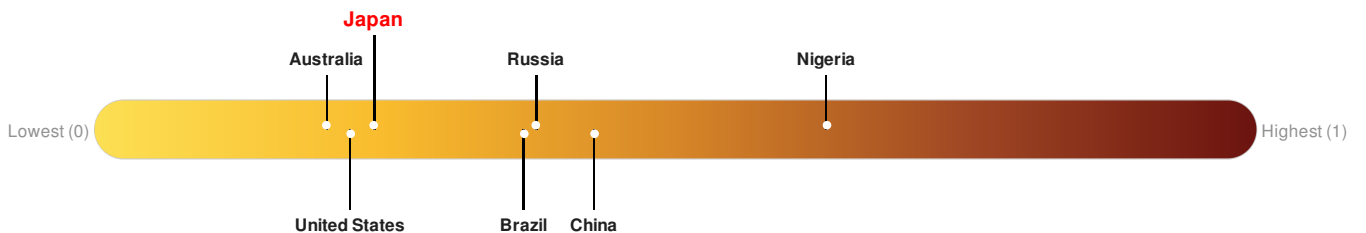


Source: [PDC](#)

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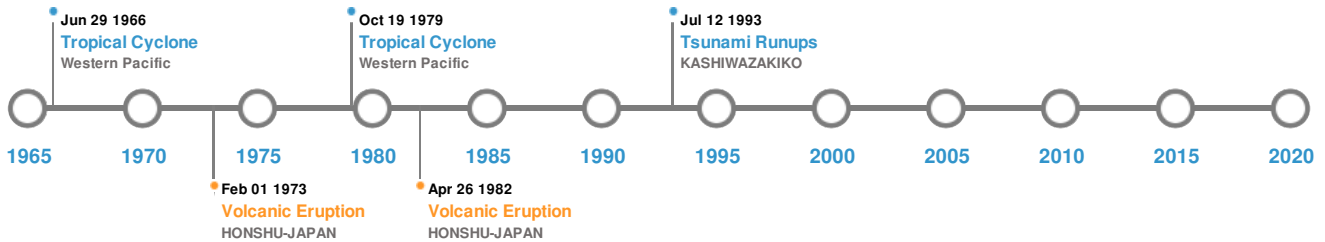


Source: [PDC](#)

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
	20-Sep-1498 00:00:00	8.60	-	JAPAN: ENSHUNADA SEA	34° N / 138.1° E
	26-Aug-0887 00:00:00	8.60	-	JAPAN: NANKAIDO	33° N / 135.3° E
	21-Jan-1906 00:13:00	8.40	340	JAPAN: NEAR S COAST HONSHU	34° N / 138° E
	27-Oct-1891 00:21:00	8.40	-	JAPAN: MINO-OWARI	35.5° N / 137° E
	24-Dec-1854 00:08:00	8.40	-	JAPAN: NANKAIDO	33.1° N / 135° E

Source: [Earthquakes](#)

Volcanic Eruptions:



5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ASAMA	26-Jul-1783 00:00:00	4.00	HONSHU-JAPAN	36.4° N / 138.53° E
	ASAMA	09-May-1783 00:00:00	4.00	HONSHU-JAPAN	36.4° N / 138.53° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MYOKO	11-Aug-1772 00:00:00	4.00	HONSHU-JAPAN	36.88° N / 138.11° E
	ASAMA	26-Apr-1982 00:00:00	3.00	HONSHU-JAPAN	36.4° N / 138.53° E
	ASAMA	01-Feb-1973 00:00:00	3.00	HONSHU-JAPAN	36.4° N / 138.53° E






Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	12-Jul-1993 00:00:00	JAPAN	54	-	KASHIWAZAKIKO	37.37° N / 138.53° E
	15-Jun-1896 00:00:00	JAPAN	38.2	-	SHIRAHAMA	33.68° N / 135.38° E
	24-Dec-1854 00:00:00	JAPAN	28	-	KOCHI PREFECTURE	33.59° N / 133.55° E
	15-Jun-1896 00:00:00	JAPAN	26.1	-	YOSHIHAMA	34.92° N / 136.98° E
	28-Oct-1707 00:00:00	JAPAN	25.7	-	KURE	33.33° N / 133.25° 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
	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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