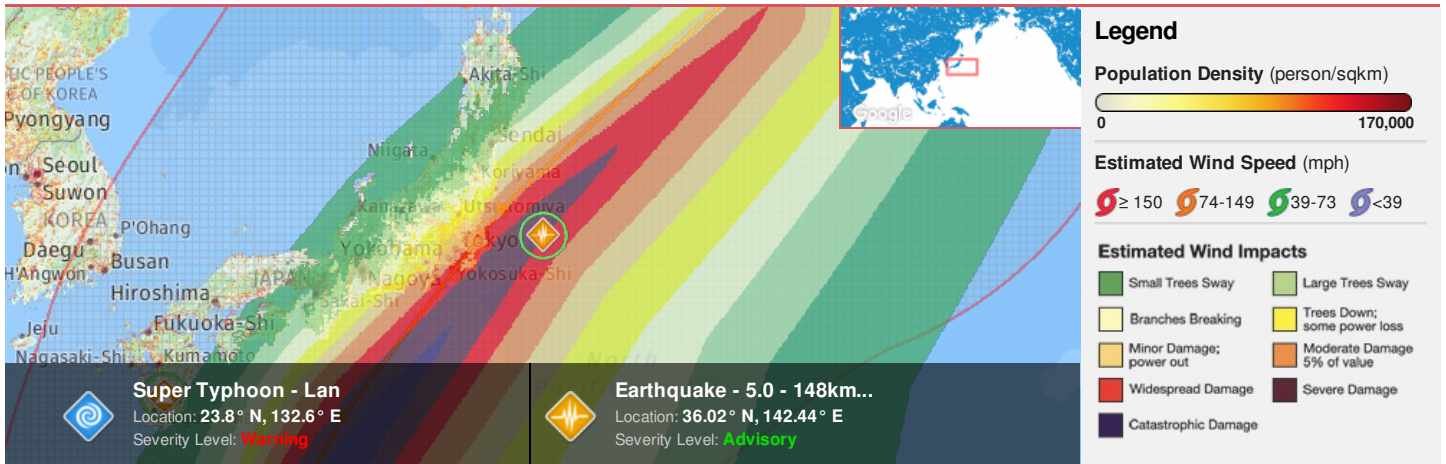


**Region Selected** » Lower Left Latitude/Longitude: 33.0176 N°, 139.4448 E°  
 Upper Right Latitude/Longitude: 39.0176 N°, 145.4448 E°





### 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
		21-Oct-2017 16:10:44	5	10	148km ENE of Hasaki, Japan	36.02° N / 142.44° E

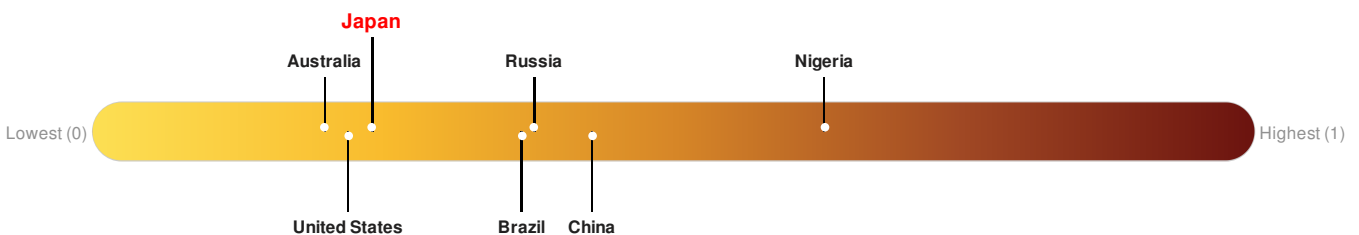
#### Active Tropical Cyclones

Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
		LAN	150	184	NNE	18	25	Hurricane/Typhoon > 150 mph	-	23.8° N / 132.6° 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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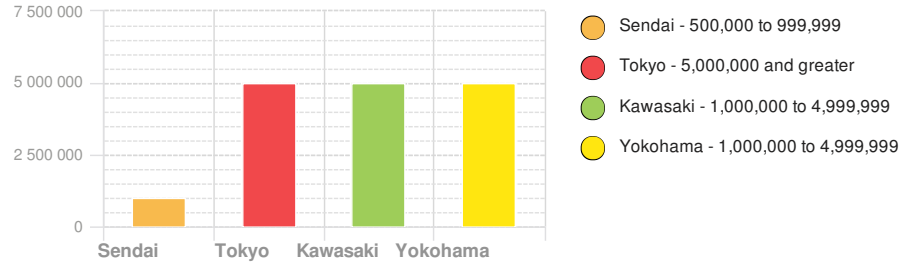
### Population Data:

2011

Total: 38,936,316

Max Density: 41,427 (ppl/km<sup>2</sup>)

### Populated Areas:



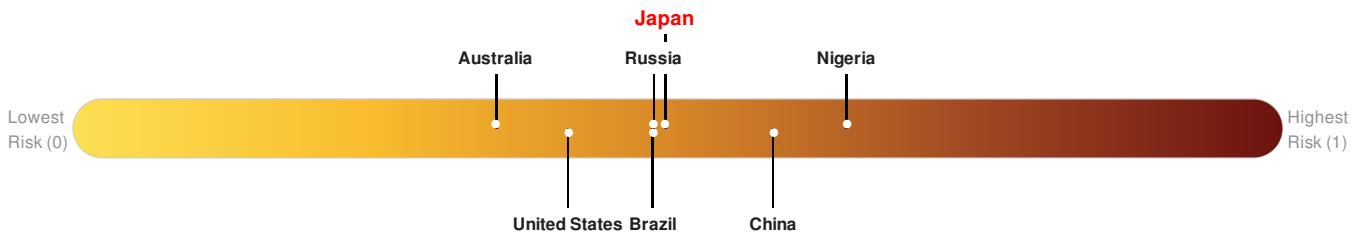
Source: [iSciences](#)

## Risk & Vulnerability

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### Multi Hazard Risk Index:

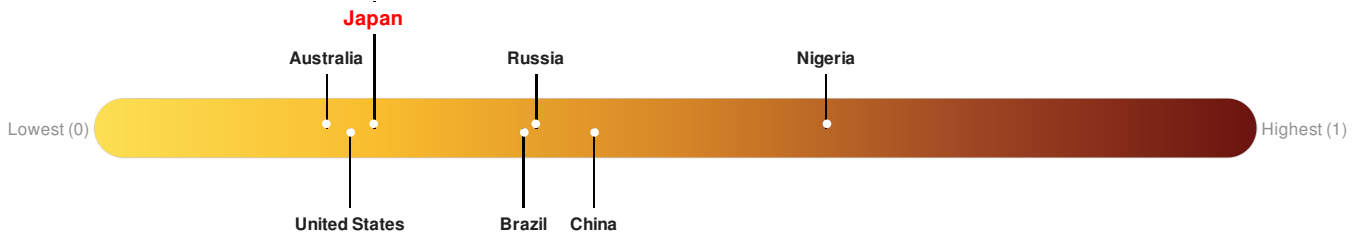
**Japan** ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Japan is estimated to have relatively very high overall exposure, low vulnerability, and very high coping capacity.



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.



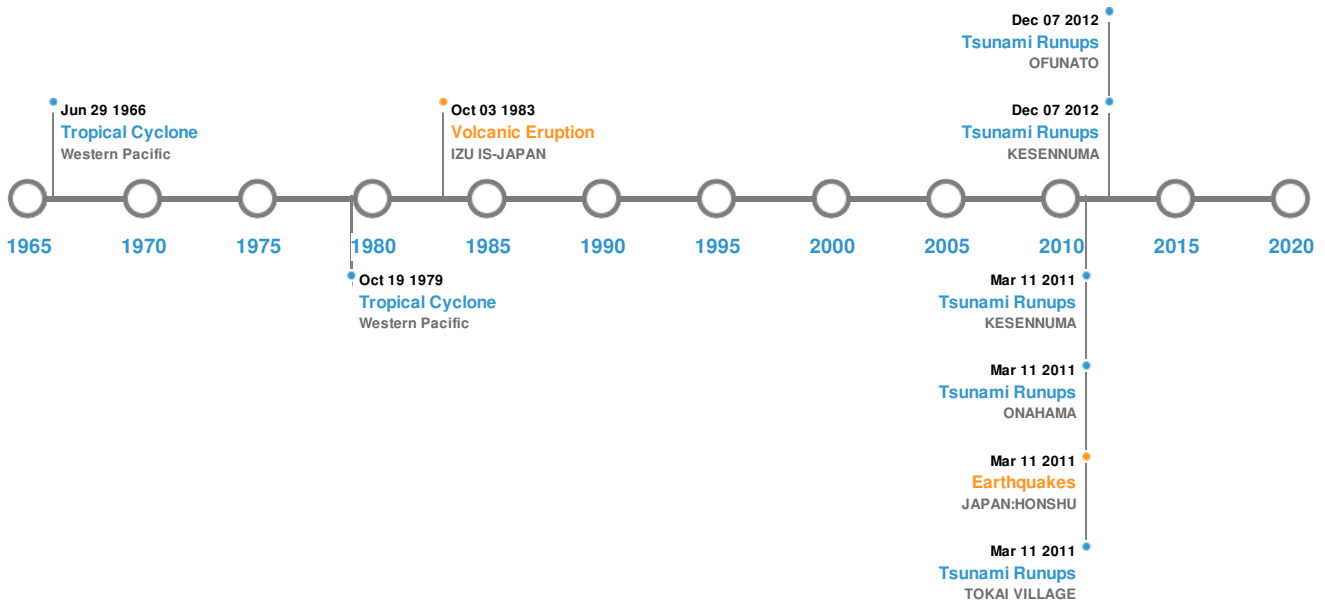
**Japan** ranks **140** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

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
	11-Mar-2011 05:46:24	9.00	29	JAPAN: HONSHU	38.3° N / 142.37° E
	05-Jun-1898 00:00:00	8.70	60	JAPAN: OFF EAST COAST HONSHU	38° N / 143° E
	13-Jul-0869 00:00:00	8.60	-	JAPAN: SANRIKU	38.5° N / 143.8° E
	19-Feb-1897 00:23:00	8.30	33	JAPAN: SANRIKU	38° N / 142° E
	17-Feb-1793 00:00:00	8.30	-	JAPAN: SANRIKU,RIKUZEN,RIKUCHU	38.5° N / 144° E

Source: [Earthquakes](#)

### Volcanic Eruptions:






#### 5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	BANDAI	15-Jul-1888 00:00:00	4.00	HONSHU-JAPAN	37.6° N / 140.08° E
	NASU	01-Jul-1881 00:00:00	4.00	HONSHU-JAPAN	37.12° N / 139.97° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MIYAKE-JIMA	03-Oct-1983 00:00:00	3.00	IZU IS-JAPAN	34.08° N / 139.53° E
	ADATARA	17-Jul-1900 00:00:00	3.00	HONSHU-JAPAN	37.62° N / 140.28° E
	MIYAKE-JIMA	04-Feb-1712 00:00:00	3.00	IZU IS-JAPAN	34.08° N / 139.53° 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 05:52:24	JAPAN	-	-	ONAHAMA	- / -
	11-Mar-2011 00:00:00	JAPAN	-	-	TOKAI 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
	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
	VERA	22-Sep-1959 00:00:00 - 28-Sep-1959 12:00:00	190	No Data	Western Pacific	28.93° N / 150.95° 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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