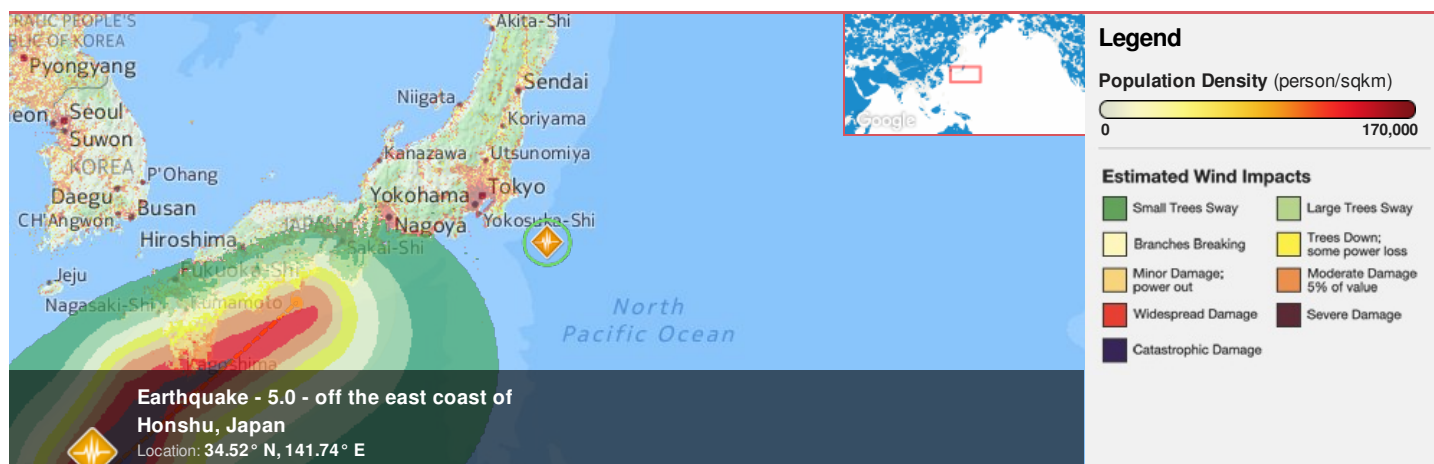




**Region Selected** » Lower Left Latitude/Longitude: 31.5167 N°, 138.7414 E°  
 Upper Right Latitude/Longitude: 37.5167 N°, 144.7414 E°



### 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:

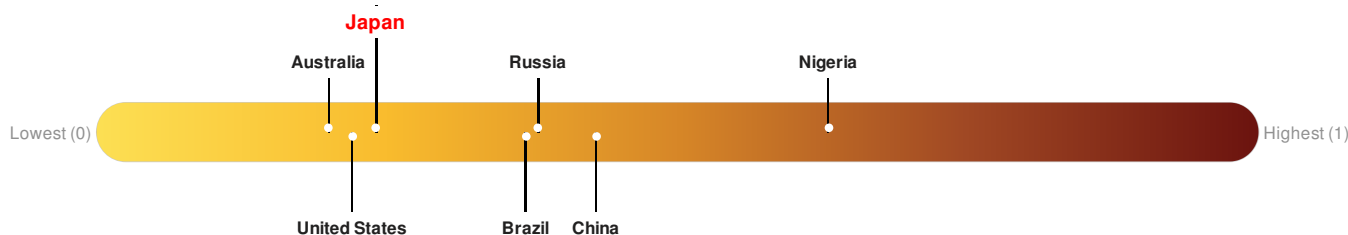
#### Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		29-Sep-2016 23:41:19	5	10	148km ESE of Katsura, Japan	34.52° N / 141.74° 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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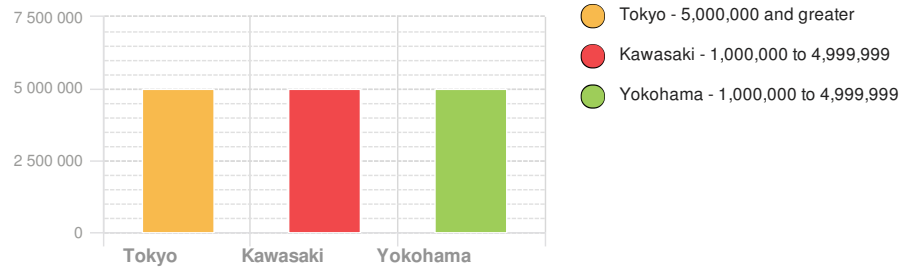
### Population Data:

### Populated Areas:

# 2011

Total: 44,296,832

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



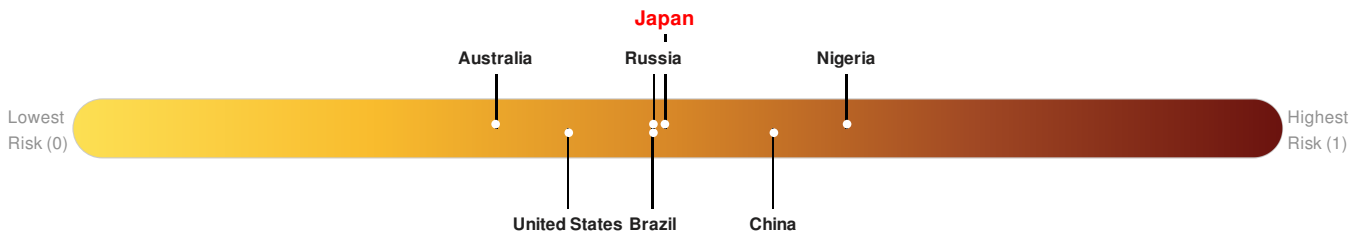
Source: [iSciences](#)

## 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:

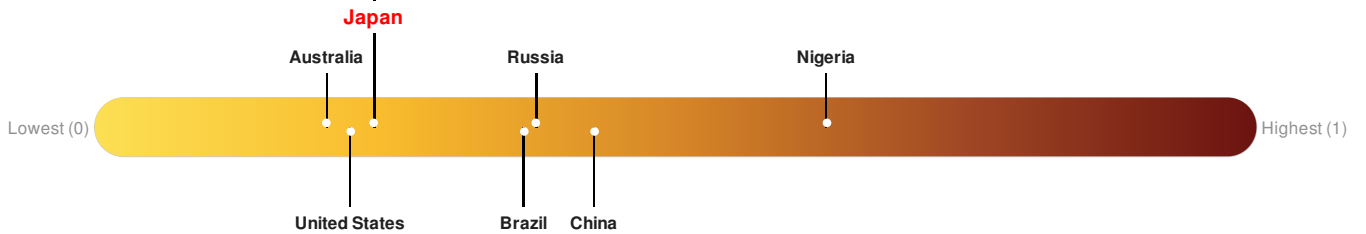
**Japan** ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Japan is estimated to have relatively very high overall exposure, low vulnerability, and very high coping capacity.



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.



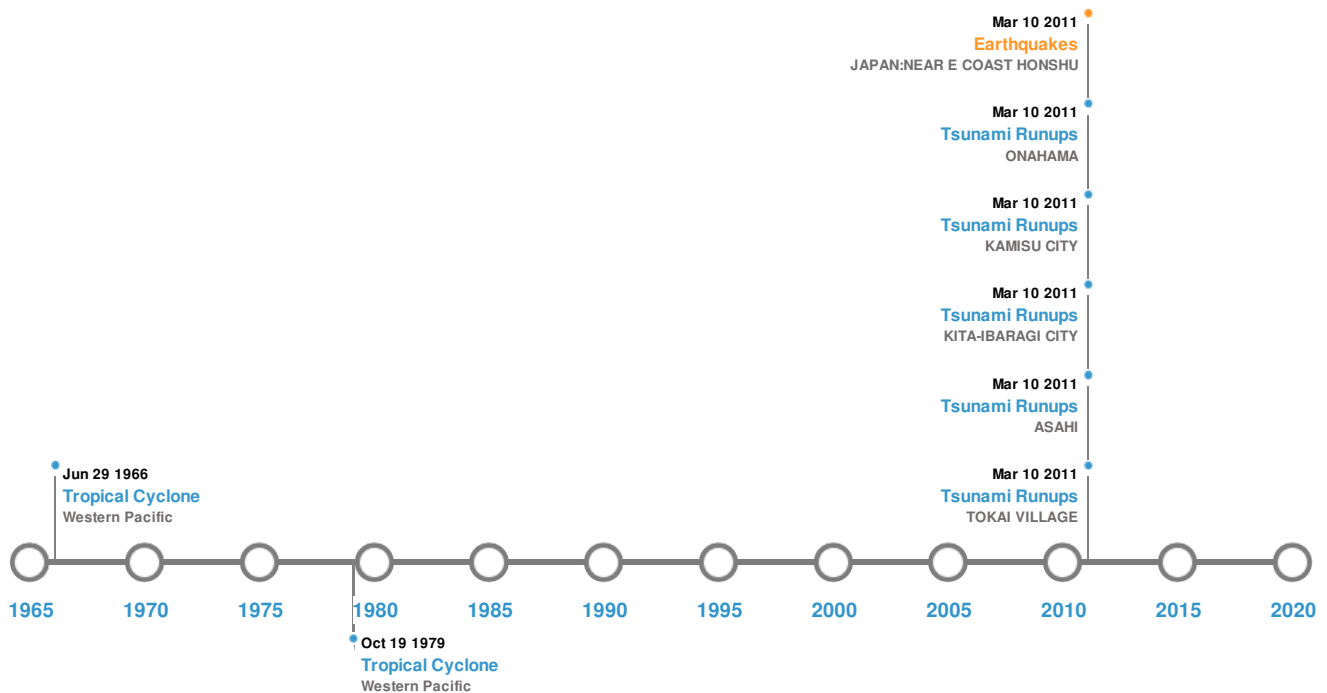
**Japan** ranks **140** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

Source: [PDC](#)

## Historical Hazards

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.

### Historical Hazards:



### Earthquakes:

#### 5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	30-Dec-1703 00:17:00	8.20	-	JAPAN: OFF SW BOSO PENINSULA	35° N / 140° E
	01-Sep-1923 00:02:00	7.90	40	JAPAN: TOKYO, YOKOHAMA	35.1° N / 139.5° E
	06-Jul-1905 00:16:00	7.90	25	JAPAN: OFF FUKUSHIMA	37.4° N / 142.6° E
	11-Mar-2011 06:15:40	7.90	43	JAPAN: NEAR E COAST HONSHU	36.28° N / 141.11° E
	21-Apr-1916 00:11:00	7.80	60	JAPAN: OFF EAST COAST HONSHU	33° N / 141° E

Source: [Earthquakes](#)

### Volcanic Eruptions:

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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	NASU	01-Jul-1881 00:00:00	4.00	HONSHU-JAPAN	37.12° N / 139.97° E
	OSHIMA	01-Jan-1338 00:00:00	4.00	IZU IS-JAPAN	34.73° N / 139.38° E
	OSHIMA	01-Jan-1200 00:00:00	4.00	IZU IS-JAPAN	34.73° N / 139.38° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	OSHIMA	01-Jan-0960 00:00:00	4.00	IZU IS-JAPAN	34.73° N / 139.38° E
	NII-JIMA	01-Jan-0886 00:00:00	4.00	IZU IS-JAPAN	34.37° N / 139.27° E

Source: [Volcanoes](#)

## Tsunami Runups:

### 5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 05:52:24	JAPAN	-	-	ONAHAMA	- / -
	11-Mar-2011 00:00:00	JAPAN	-	-	TOKAI VILLAGE	- / -
	11-Mar-2011 00:00:00	JAPAN	-	20	ASAHI	- / -
	11-Mar-2011 00:00:00	JAPAN	-	-	KITA-IBARAGI CITY	- / -
	11-Mar-2011 00:00:00	JAPAN	-	-	KAMISU CITY	- / -

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
	RUTH	14-Aug-1962 00:00:00 - 25-Aug-1962 00:00:00	184	No Data	Western Pacific	33.16° N / 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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