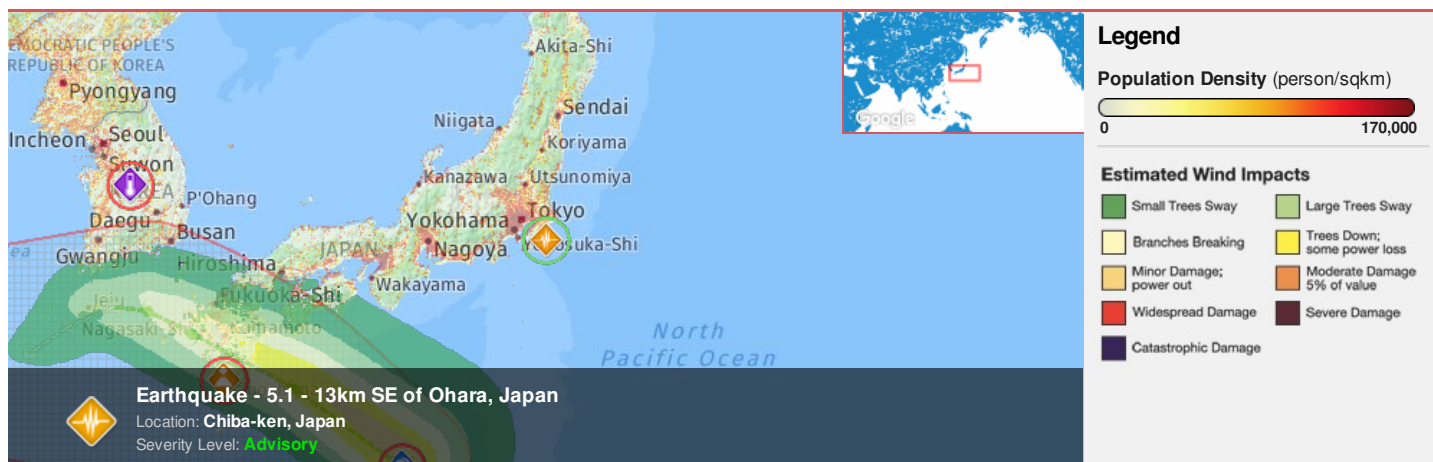




**Region Selected** » Lower Left Latitude/Longitude: 32.1768 N° , 137.4975 E°  
 Upper Right Latitude/Longitude: 38.1768 N° , 143.4975 E°



### 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

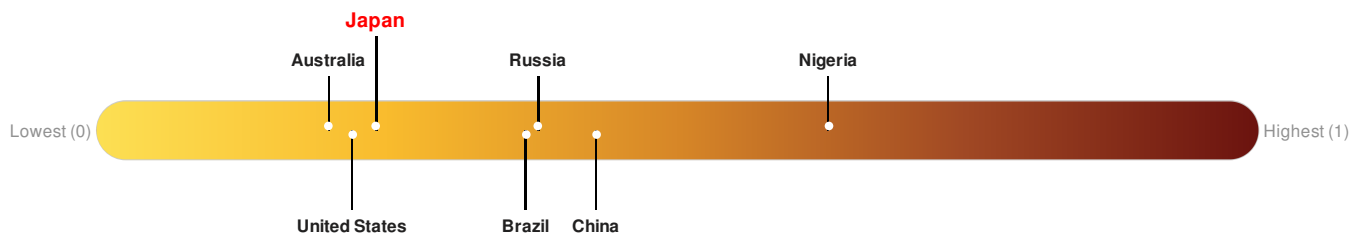
| Event | Severity | Date (UTC)           | Magnitude | Depth (km) | Location                | Lat/Long            |
|-------|----------|----------------------|-----------|------------|-------------------------|---------------------|
|       |          | 14-Aug-2018 03:58:24 | 5.1       | 47.84      | 13km SE of Ohara, Japan | 35.18° N / 140.5° 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

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.

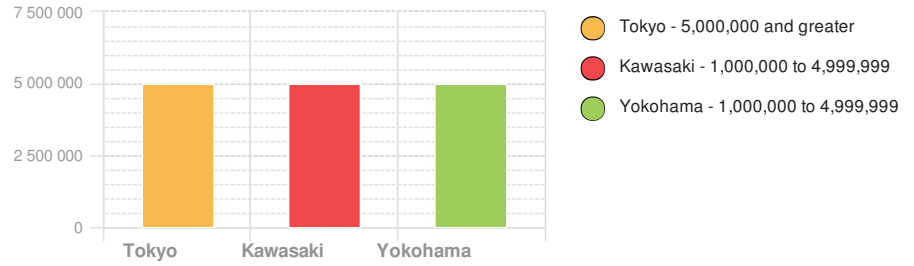
## Population Data:

2011

Total: 53,476,368

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

## Populated Areas:



Source: [iSciences](#)

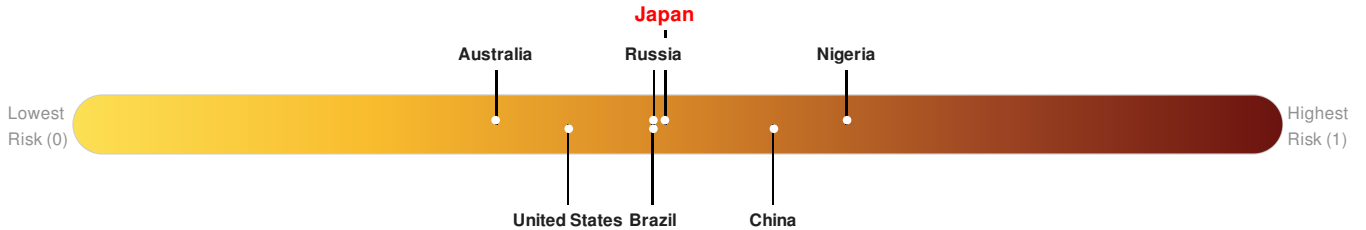
## Risk & Vulnerability

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.

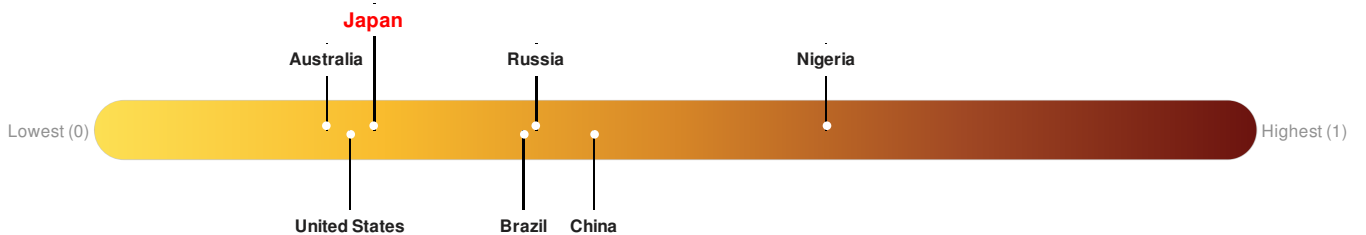


Source: [PDC](#)

## Lack of Resilience Index:

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.

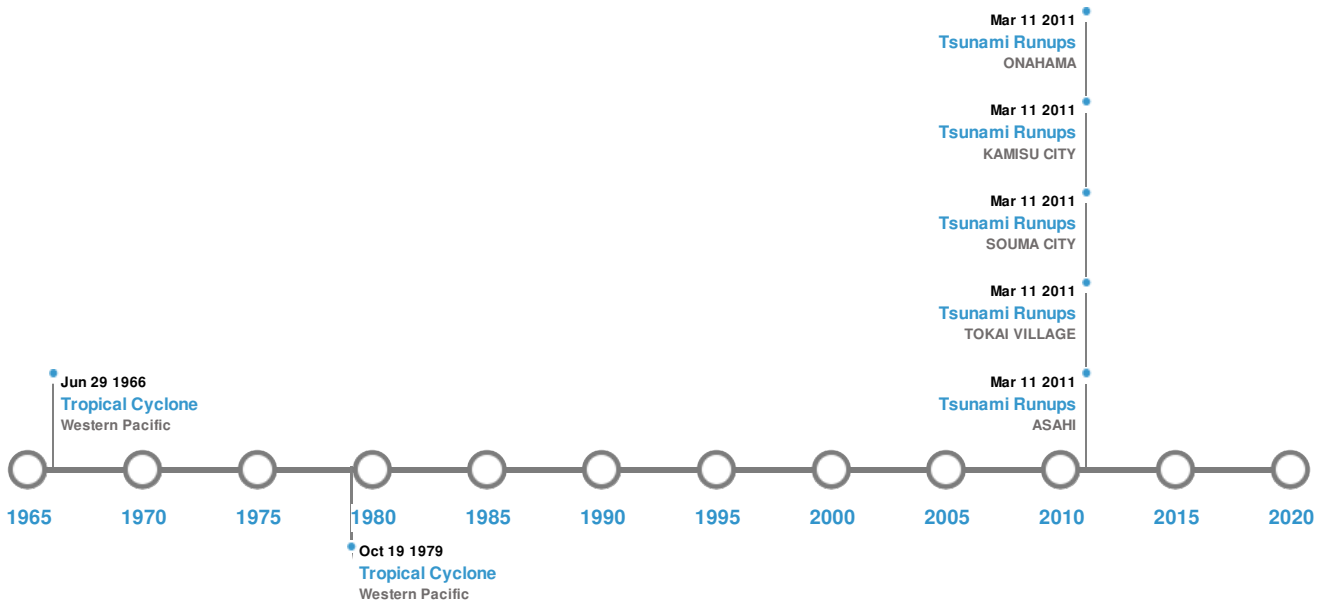


Source: [PDC](#)

## 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           |
|---|----------------------|-----------|------------|------------------------------|--------------------|
|  | 05-Jun-1898 00:00:00 | 8.70      | 60         | JAPAN: OFF EAST COAST HONSHU | 38° N / 143° E     |
|  | 20-Sep-1498 00:00:00 | 8.60      | -          | JAPAN: ENSHUNADA SEA         | 34° N / 138.1° E   |
|  | 21-Jan-1906 00:13:00 | 8.40      | 340        | JAPAN: NEAR S COAST HONSHU   | 34° N / 138° E     |
|  | 28-Oct-1707 00:04:00 | 8.40      | -          | JAPAN: ENSHUNADA             | 34.1° N / 137.8° E |
|  | 17-Dec-1096 00:00:00 | 8.40      | -          | JAPAN: ENSHUNADA             | 34° N / 137.5° 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             |
|---|-------|----------------------|----------------------------|--------------|----------------------|
|   | 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  |
|  | MYOKO | 11-Aug-1772 00:00:00 | 4.00                       | HONSHU-JAPAN | 36.88° N / 138.11° 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   | -         | 20     | ASAHI         | - / -    |
|    | 11-Mar-2011 00:00:00 | JAPAN   | -         | -      | TOKAI VILLAGE | - / -    |
|   | 11-Mar-2011 00:00:00 | JAPAN   | -         | 456    | SOUMA 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             |
|  | 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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