

Region Selected » Lower Left Latitude/Longitude: 28.593 N° , 127.65700000000001 E°
 Upper Right Latitude/Longitude: 34.593 N° , 133.657 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:

Active Volcanoes

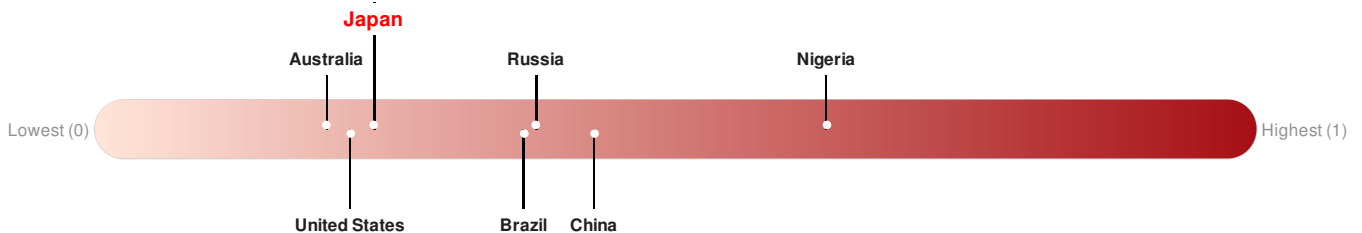
| Event | Severity | Last Updated (UTC) | Name | Region | Primary Observatory | Activity | More Information | Lat/Long |
|--|---|----------------------|-----------------------------------|--------|---------------------|----------|------------------|----------------------|
|  |  | 14-Nov-2018 14:01:31 | Volcano - Suwanosejima, Japan | - | - | - | - | 29.64° N / 129.71° E |
|  |  | 13-Nov-2018 15:52:59 | Volcano - Aira, Japan | - | - | - | - | 31.59° N / 130.66° E |
|  |  | 21-Oct-2018 11:31:19 | Volcano - Kuchinoerabujima, Japan | - | - | - | - | 30.44° N / 130.22° 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 **164** countries assessed for Lack of Resilience. Japan is less resilient than 15% of countries assessed. This indicates that Japan has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

Regional Overview

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Population Data:

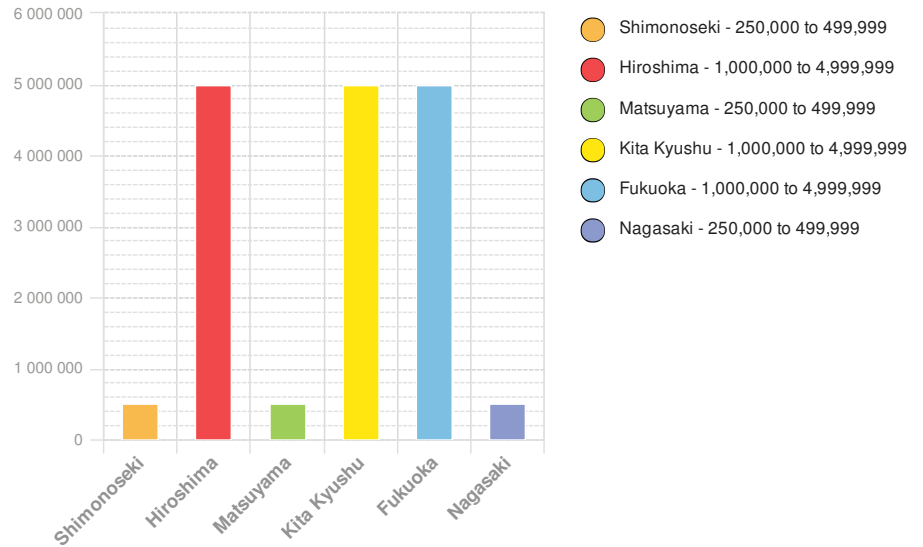
2011

Total: 19,669,748

Max Density: 31,844 (ppl/km²)

Source: [iSciences](#)

Populated Areas:



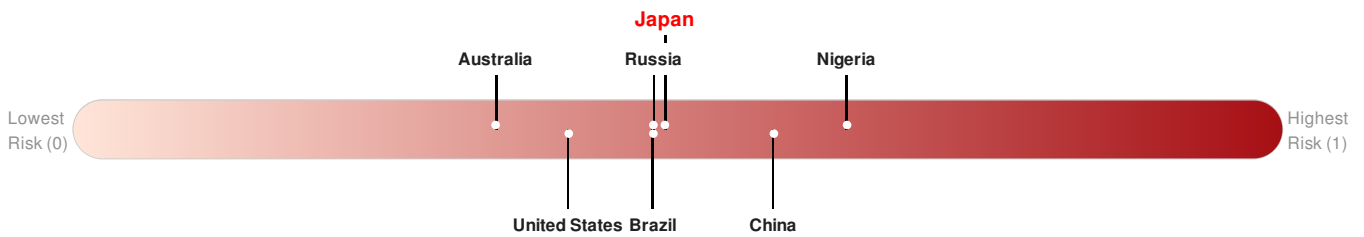
Risk & Vulnerability

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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

Japan ranks **49** out of **164** countries assessed for Multi Hazard Risk. Japan has a Multi Hazard Risk higher than 51% of countries assessed. This indicates that Japan has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

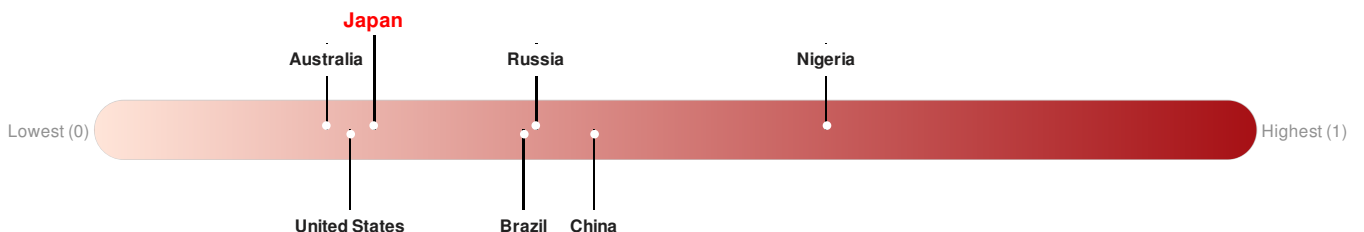


Source: [PDC](#)

Lack of Resilience Index:

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Japan ranks **140** out of **164** countries assessed for Lack of Resilience. Japan is less resilient than 15% of countries assessed. This indicates that Japan has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.

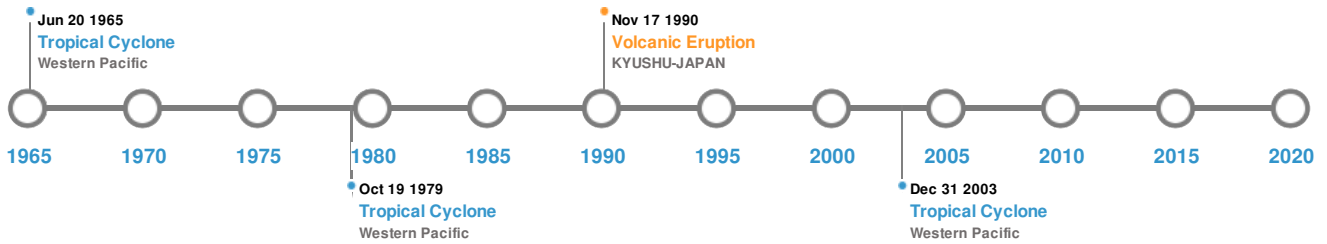


Source: [PDC](#)

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 |
|---|----------------------|-----------|------------|-----------------------|--------------------|
|  | 15-Jun-1911 00:14:00 | 8.70 | 160 | JAPAN: RYUKYU ISLANDS | 29° N / 129° E |
|  | 01-Feb-1916 00:07:00 | 8.00 | 33 | JAPAN: DUDA | 29.5° N / 131.5° E |
|  | 10-Nov-1909 00:06:00 | 7.90 | 190 | JAPAN: KYUSHU | 32° N / 131° E |
|  | 24-Aug-1904 00:20:00 | 7.90 | 25 | JAPAN: KYUSHU | 30° N / 130° E |
|  | 02-Jun-1905 00:05:00 | 7.80 | 100 | JAPAN: AKI | 34° N / 132° E |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|-------------|----------------------|----------------------------|--------------|----------------------|
|  | UNZEN | 17-Nov-1990 00:00:00 | 4.00 | KYUSHU-JAPAN | 32.75° N / 130.3° E |
| | SAKURA-JIMA | 12-Jan-1914 00:00:00 | 4.00 | KYUSHU-JAPAN | 31.58° N / 130.67° E |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|---------------|----------------------|----------------------------|--------------|----------------------|
|  | SAKURA-JIMA | 01-Jan-1914 00:00:00 | 4.00 | KYUSHU-JAPAN | 31.58° N / 130.67° E |
|  | SUWANOSE-JIMA | 02-Oct-1889 00:00:00 | 4.00 | RYUKYU IS | 29.53° N / 129.72° E |
|  | SUWANOSE-JIMA | 01-Jan-1877 00:00:00 | 4.00 | RYUKYU IS | 29.53° N / 129.72° E |






Source: [Volcanoes](#)

Tsunami Runups:

| 5 Largest Tsunami Runups | | | | | | |
|---|----------------------|---------|-----------|--------|------------------|----------------------|
| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|  | 21-May-1792 00:00:00 | JAPAN | 55 | - | SHIMABARA | 32.8° N / 130.35° E |
|  | 24-Dec-1854 00:00:00 | JAPAN | 28 | - | KOCHI PREFECTURE | 33.59° N / 133.55° E |
|  | 28-Oct-1707 00:00:00 | JAPAN | 25.7 | - | KURE | 33.33° N / 133.25° E |
|  | 28-Oct-1707 00:00:00 | JAPAN | 24 | - | TANEZAKI | 33.5° N / 133.57° E |
|  | 28-Oct-1707 00:00:00 | JAPAN | 20 | 18441 | TOSA | 33.51° N / 133.44° 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 |
|  | SARAH | 11-Sep-1959 06:00:00 - 19-Sep-1959 18:00:00 | 190 | No Data | Western Pacific | 30.75° N / 135.65° 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 |
|  | DINAH | 12-Jun-1965 12:00:00 - 20-Jun-1965 12:00:00 | 184 | No Data | Western Pacific | 23.88° N / 132.2° E |
|  | CHABA | 30-Jan-2004 00:00:00 - 31-Aug-2004 06:00:00 | 178 | No Data | Western Pacific | 27.04° N / 146.2° 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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