



Region Selected » Lower Left Latitude/Longitude: 23.4734 N°, 125.7371 E°
 Upper Right Latitude/Longitude: 29.4734 N°, 131.7371 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:

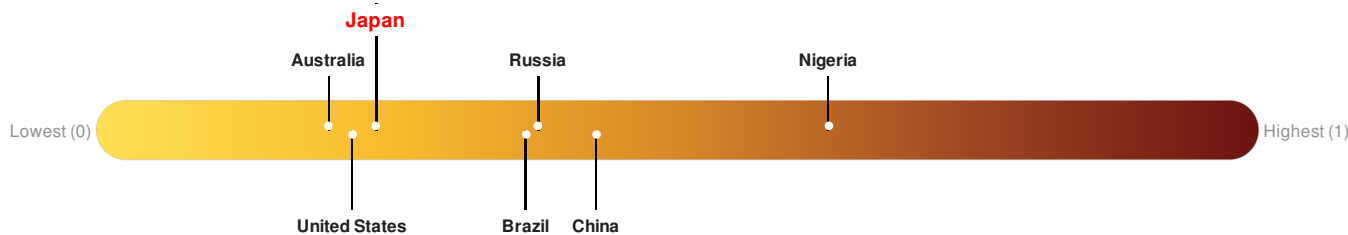
Recent Earthquakes

| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|-------|----------|----------------------|-----------|------------|-----------------------|----------------------|
| | | 25-Jul-2016 15:31:39 | 5.3 | 14.33 | 76km E of Nago, Japan | 26.47° N / 128.74° 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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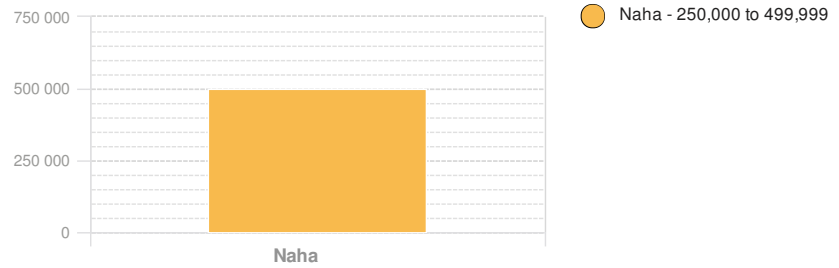
Population Data:

Populated Areas:

2011

Total: 1,382,676

Max Density: 18,010 (ppl/km²)



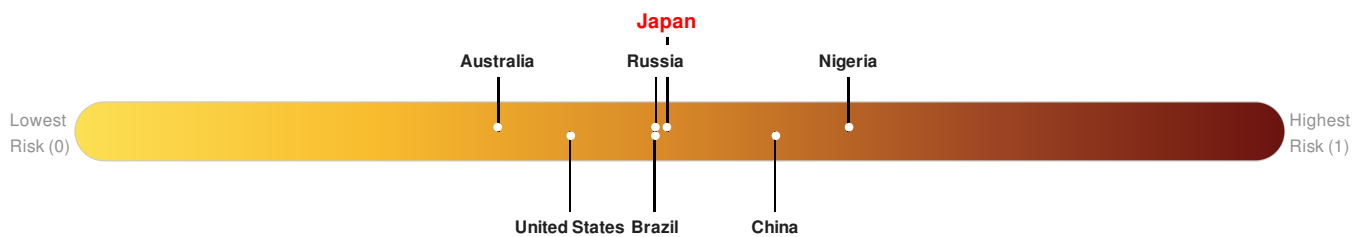
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

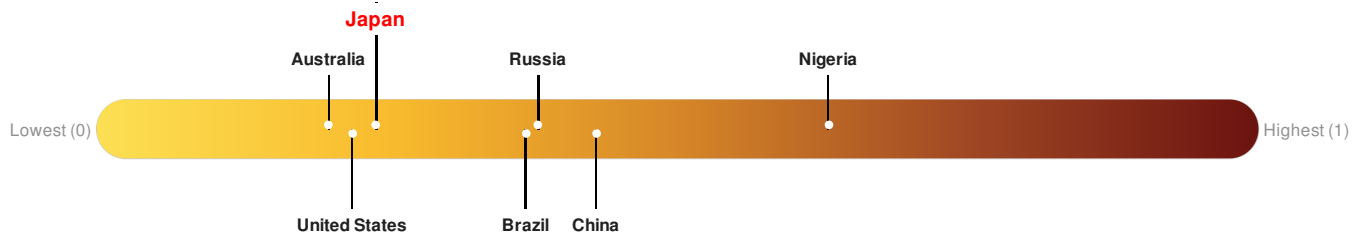
Japan ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Japan is estimated to have relatively very high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

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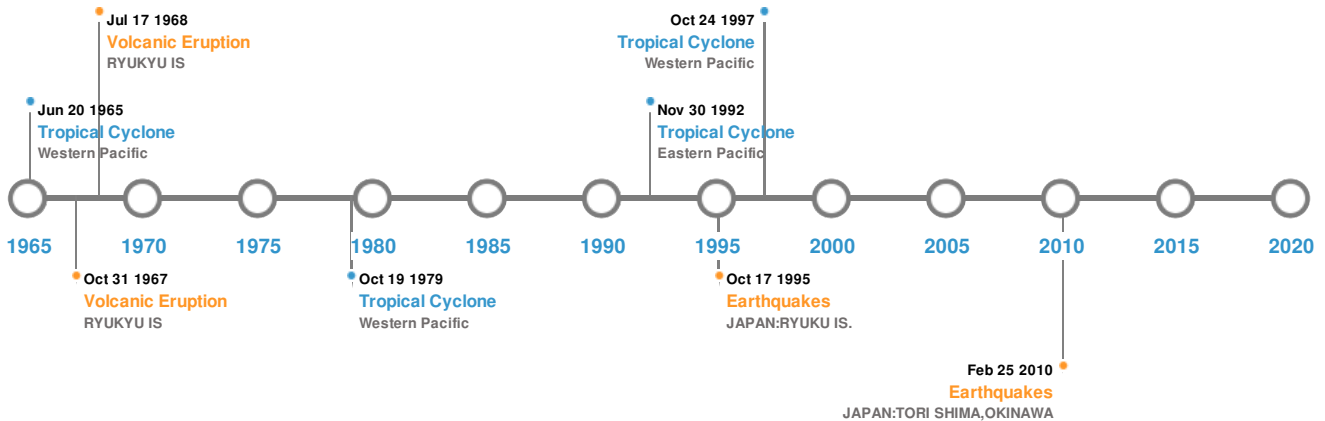
Japan ranks **140** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Marginalization and Environmental Capacity.

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 |
|---|----------------------|-----------|------------|----------------------------|----------------------|
|  | 15-Jun-1911 00:14:00 | 8.70 | 160 | JAPAN: RYUKYU ISLANDS | 29° N / 129° E |
|  | 24-Jun-1901 00:07:00 | 7.90 | 60 | JAPAN: RYUKYU ISLANDS | 27° N / 130° E |
|  | 29-Jun-1926 00:14:00 | 7.50 | 130 | JAPAN: RYUKYU ISLANDS | 27° N / 127° E |
|  | 18-Oct-1995 00:10:00 | 7.10 | 28 | JAPAN: RYUKU IS. | 27.93° N / 130.18° E |
|  | 26-Feb-2010 00:20:00 | 7.00 | 25 | JAPAN: TORI SHIMA, OKINAWA | 25.93° N / 128.43° E |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|--------------------|----------------------|----------------------------|-----------|----------------------|
|  | OKINAWA-TORI-SHIMA | 01-Mar-1903 00:00:00 | 2.00 | RYUKYU IS | 27.85° N / 128.25° E |
|  | OKINAWA-TORI-SHIMA | 01-Feb-1868 00:00:00 | 2.00 | RYUKYU IS | 27.85° N / 128.25° E |
|  | OKINAWA-TORI-SHIMA | 01-Feb-1855 00:00:00 | 2.00 | RYUKYU IS | 27.85° N / 128.25° E |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|--------------------|----------------------|----------------------------|-----------|----------------------|
|  | OKINAWA-TORI-SHIMA | 18-Jul-1968 00:00:00 | 1.00 | RYUKYU IS | 27.85° N / 128.25° E |
|  | OKINAWA-TORI-SHIMA | 01-Nov-1967 00:00:00 | 1.00 | RYUKYU IS | 27.85° N / 128.25° E |

Source: [Volcanoes](#)

Tsunami Runups:


5 Largest Tsunami Runups

| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|---|----------------------|---------|-----------|--------|----------------------|----------------------|
|  | 13-May-1791 00:00:00 | JAPAN | 11 | - | RYUKYU ISLAND, NAHA | 26.22° N / 127.75° E |
|  | 13-May-1791 00:00:00 | JAPAN | 11 | - | RYUKYU ISLAND, OSATO | 26° N / 126° E |
|  | 21-May-1792 00:00:00 | JAPAN | 7 | - | SAN-NOSAWA | 27.88° N / 128.94° E |
|  | 22-May-1960 00:00:00 | JAPAN | 3.2 | - | FUTAMI-SUGINDA | 26.55° N / 128.03° E |
|  | 22-May-1960 00:00:00 | JAPAN | 3 | - | OURA | 26.55° N / 128.05° 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 |
|  | TIP | 04-Oct-1979 06:00:00 - 19-Oct-1979 18:00:00 | 190 | No Data | Western Pacific | 23.8° N / 141.4° E |
|  | GAY | 13-Nov-1992 12:00:00 - 01-Dec-1992 00:00:00 | 184 | No Data | Eastern Pacific | 16.84° N / 0° |
|  | IVAN | 13-Oct-1997 12:00:00 - 24-Oct-1997 12:00:00 | 184 | No Data | Western Pacific | 18.53° N / 137.45° 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 |

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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