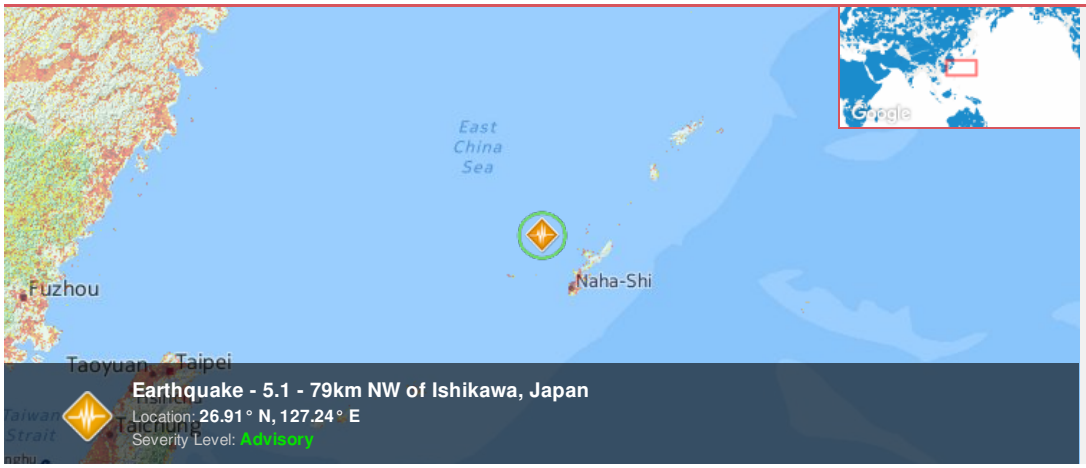
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	TAIPEI
	07:03:38 24 Mar 2017	13:03:38 24 Mar 2017	17:03:38 24 Mar 2017	20:03:38 24 Mar 2017	00:03:38 25 Mar 2017	01:03:38 25 Mar 2017

Region Selected » Lower Left Latitude/Longitude: 23.9117 N˚ , 124.2388 E˚
Upper Right Latitude/Longitude: 29.9117 N˚ , 130.2388 E˚



Legend

Population Density (person/sqkm)

0 — 170,000

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:

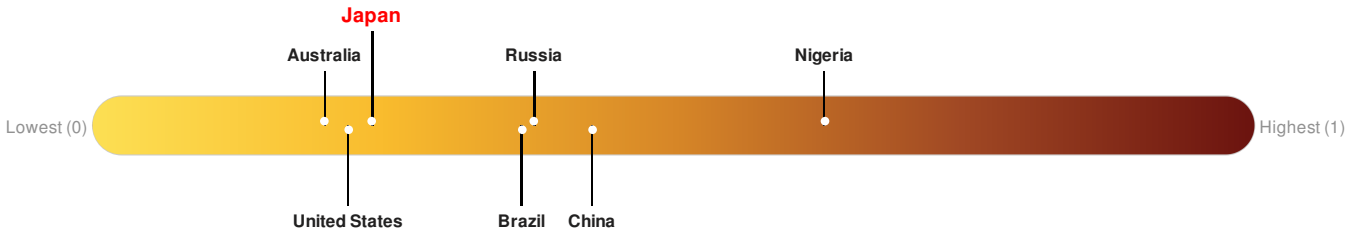
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		24-Mar-2017 17:02:59	5.1	85.23	79km NW of Ishikawa, Japan	26.91 ° N / 127.24 ° 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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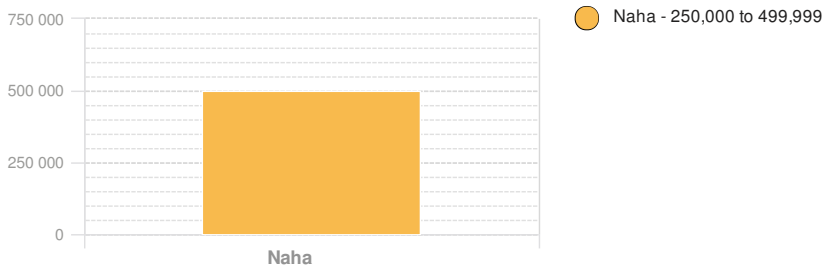
Population Data:

Populated Areas:

2011

Total: 1, 444, 765
Max Density: 18, 010(ppl/km^2)



Source: iSciences

Risk & Vulnerability

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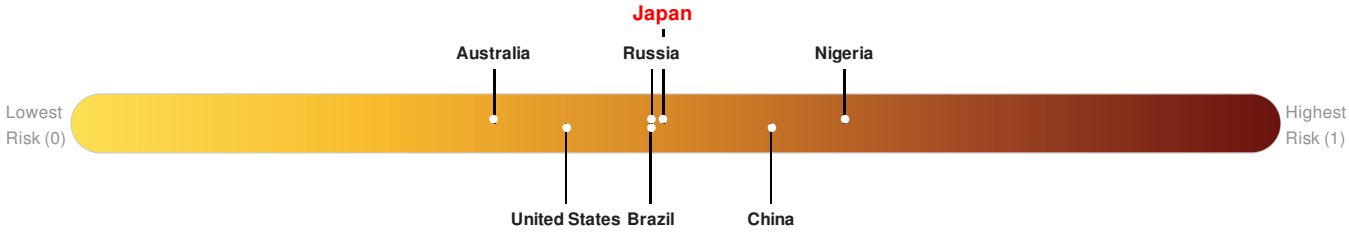
Multi Hazard Risk Index:

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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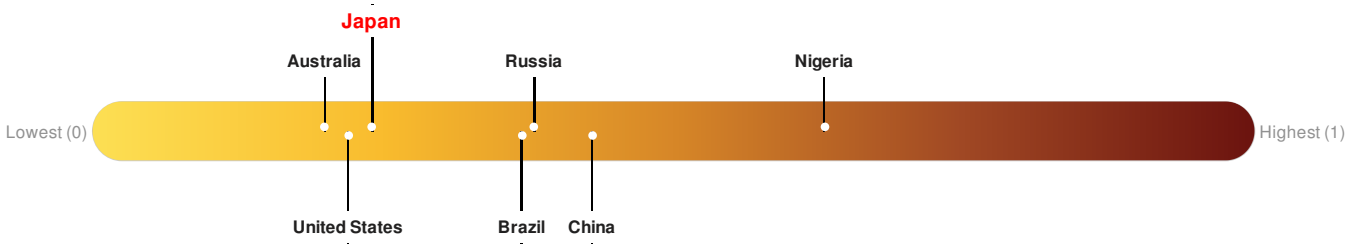

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Source: PDC

Historical Hazards

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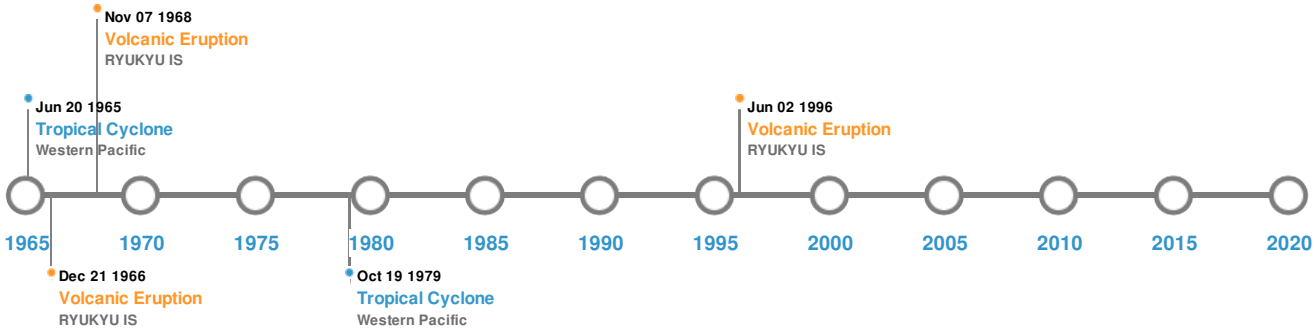
Historical Hazards:



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
	10-Jun-1938 00:09:00	7.70	60	JAPAN: SW RYUKYU ISLANDS	25.5° N / 125° E
	11-Mar-1958 00:00:00	7.50	70	JAPAN: RYUKYU ISLANDS	25° N / 125° E
	29-Jun-1926 00:14:00	7.50	130	JAPAN: RYUKYU ISLANDS	27° N / 127° E

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SUWANOSE-JIMA	07-Nov-1968 00:00:00	3.00	RYUKYU IS	29.53° N / 129.72° E
	SUWANOSE-JIMA	21-Aug-1967 00:00:00	3.00	RYUKYU IS	29.53° N / 129.72° E
	SUWANOSE-JIMA	02-Jun-1996 00:00:00	2.00	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
	24-Apr-1771 00:00:00	JAPAN	12	-	MIYAKO ISLAND	24.79° N / 125.26° E
	13-May-1791 00:00:00	JAPAN	11	-	RYUKYU ISLAND, OSATO	26° N / 126° E
	13-May-1791 00:00:00	JAPAN	11	-	RYUKYU ISLAND, NAHA	26.22° N / 127.75° 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

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
	KAREN	08-Nov-1962 00:00:00 - 18-Nov-1962 18:00:00	184	No Data	Western Pacific	21.69° 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.