Pacific Disaster Center
Area Brief: General Executive Summary

HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	SHANGHAI
05:29:53	11:29:53	15:29:53	18:29:53	22:29:53	23:29:53
15 Aug 2017	15 Aug 2017	15 Aug 2017	15 Aug 2017	15 Aug 2017	15 Aug 2017

Region Selected » Lower Left Latitude/Longitude: 27.0162 N˚ , 128.1456 E˚
Upper Right Latitude/Longitude: 33.0162 N˚ , 134.1456 E˚

Legend

Population Density (person/sqkm)

0   170,000

Earthquake - 5.3 - 80km S of Nishinoomote, Japan
Location: **30.02° N, 131.15° E**
Severity Level: **Advisory**

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.
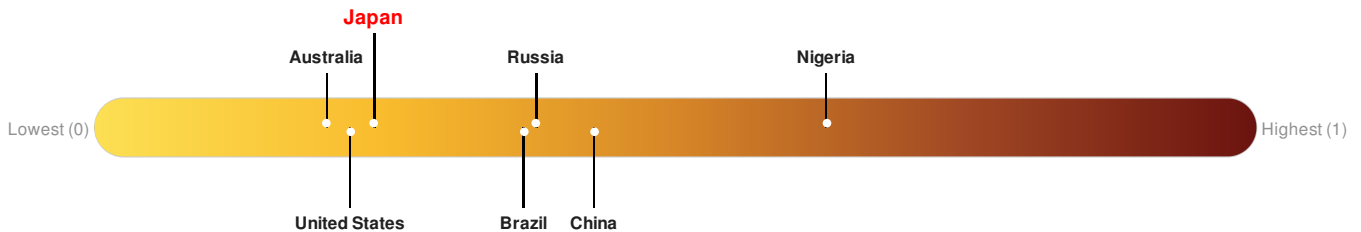
Current Hazards:

Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		12-Aug-2017 18:42:52	5.3	20.82	80km S of Nishinoomote, Japan	30.02° N / 131.15° 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

Australia   Russia   Nigeria

Lowest (0)   Highest (1)

United States   Brazil   China

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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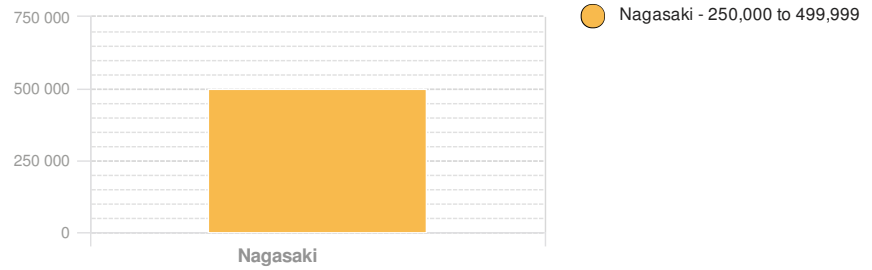
Population Data: Populated Areas:

2011

Total: $5,951,349$
Max Density: $31,844$ (ppl/km^2)
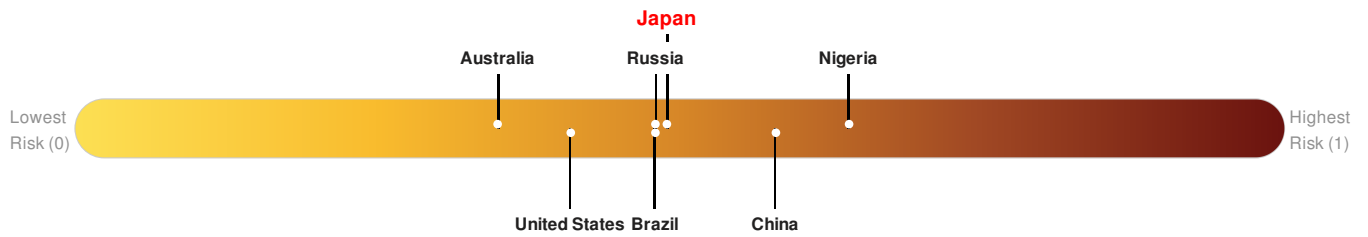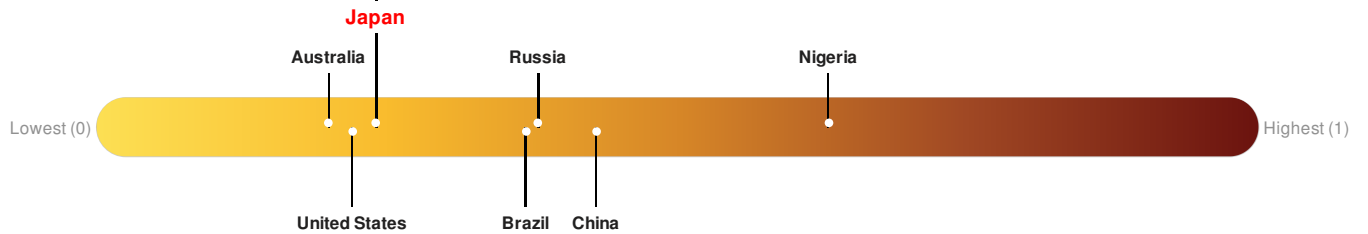
| | Nagasaki - 250,000 to 499,999 |

Nagasaki

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.

Japan

Australia   Russia   Nigeria

Lowest Risk (0)   Highest Risk (1)

United States Brazil   China

Source: PDC

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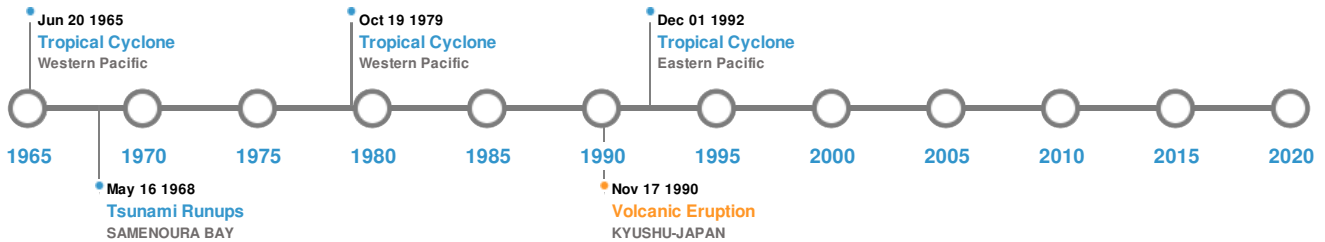
Japan

Australia   Russia   Nigeria

Lowest (0)   Highest (1)

United States   Brazil   China

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Source: PDC

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Historical Hazards:

Jun 20 1965	**Oct 19 1979**	**Dec 01 1992**	
Tropical Cyclone	Tropical Cyclone	Tropical Cyclone	
Western Pacific	Western Pacific	Eastern Pacific	

1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020

May 16 1968
Tsunami Runups
SAMENOURA BAY

Nov 17 1990
Volcanic Eruption
KYUSHU-JAPAN

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
	29-Nov-0684 00:00:00	8.40	-	JAPAN	32.5° N / 134° 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

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
	21-May-1792 00:00:00	JAPAN	15	343	AMAKUSA ISLANDS	32.5° N / 130.2° E
	07-Dec-1944 00:00:00	JAPAN	7.9	-	GATA	31.42° N / 130.2° E
	21-May-1792 00:00:00	JAPAN	7	-	SAN-NOSAWA	27.88° N / 128.94° E
	16-May-1968 00:00:00	JAPAN	6	-	SAMENOURA BAY	31.85° N / 130.28° 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°
	KAREN	08-Nov-1962 00:00:00 - 18-Nov-1962 18:00:00	184	No Data	Western Pacific	21.69° N / 0°
	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](#)