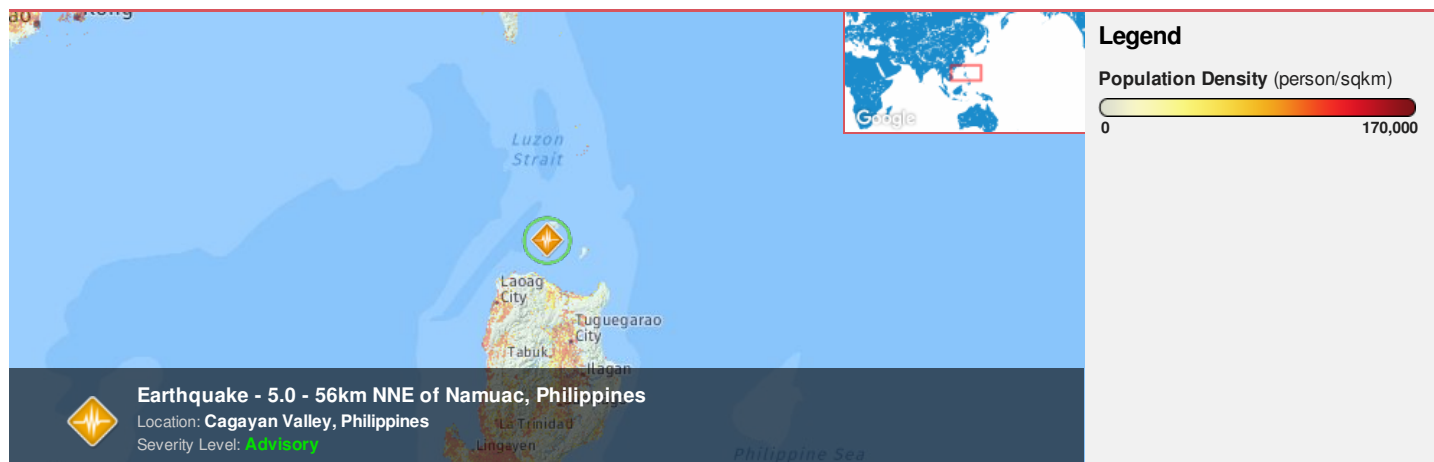




**Region Selected** » Lower Left Latitude/Longitude: 16.0891 N°, 118.3447 E°  
 Upper Right Latitude/Longitude: 22.0891 N°, 124.3447 E°



**Earthquake - 5.0 - 56km NNE of Namuac, Philippines**

Location: **Cagayan Valley, Philippines**  
 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
		21-Aug-2018 04:33:00	5	34.02	56km NNE of Namuac, Philippines	19.09° N / 121.34° E

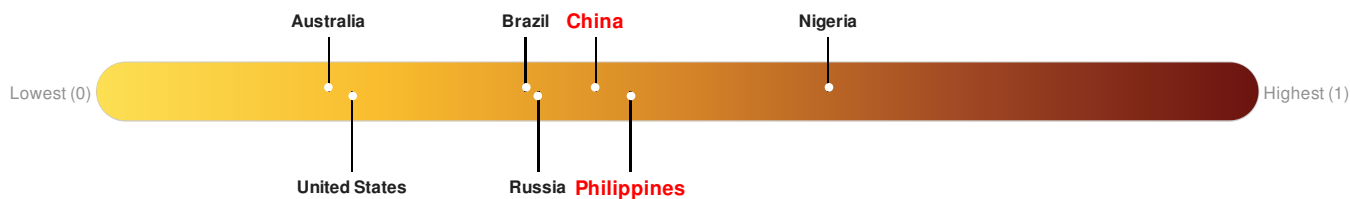
Source: [PDC](#)

**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.

**China** ranks **82** out of **165** countries assessed for Lack of Resilience. China is less resilient than 51% of countries assessed. This indicates that China has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

**Philippines** ranks **64** out of **165** countries assessed for Lack of Resilience. Philippines is less resilient than 62% of countries assessed. This indicates that Philippines has medium susceptibility to negative impacts, and is more 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: 7,612,736

Max Density: 43,197 (ppl/km<sup>2</sup>)

## Populated Areas:

No significant land or population areas exist within the current map extent. Please use <http://atlas.pdc.org/atlas/> for dynamic mapping capabilities.

Source: [iSciences](#)

### Risk & Vulnerability

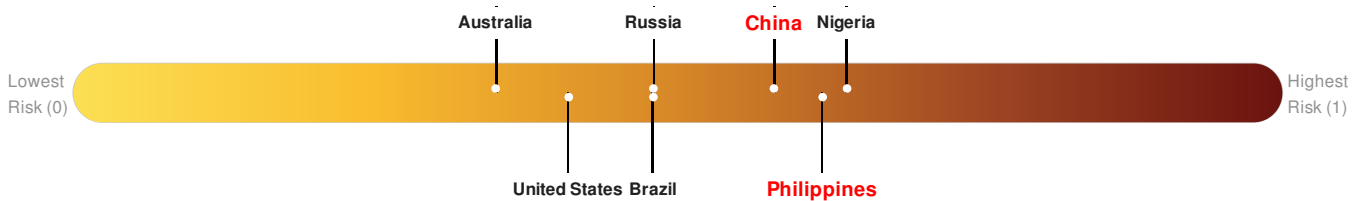
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

## 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 **China** ranks 32 out of 165 countries assessed for Multi Hazard Risk. China has a Multi Hazard Risk higher than 81% of countries assessed. This indicates that China has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Philippines** ranks 16 out of 165 countries assessed for Multi Hazard Risk. Philippines has a Multi Hazard Risk higher than 91% of countries assessed. This indicates that Philippines has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



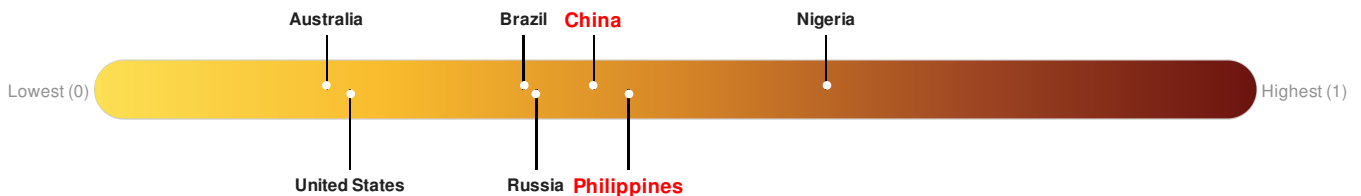
Source: [PDC](#)

## 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.

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**Philippines** ranks 64 out of 165 countries assessed for Lack of Resilience. Philippines is less resilient than 62% of countries assessed. This indicates that Philippines has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

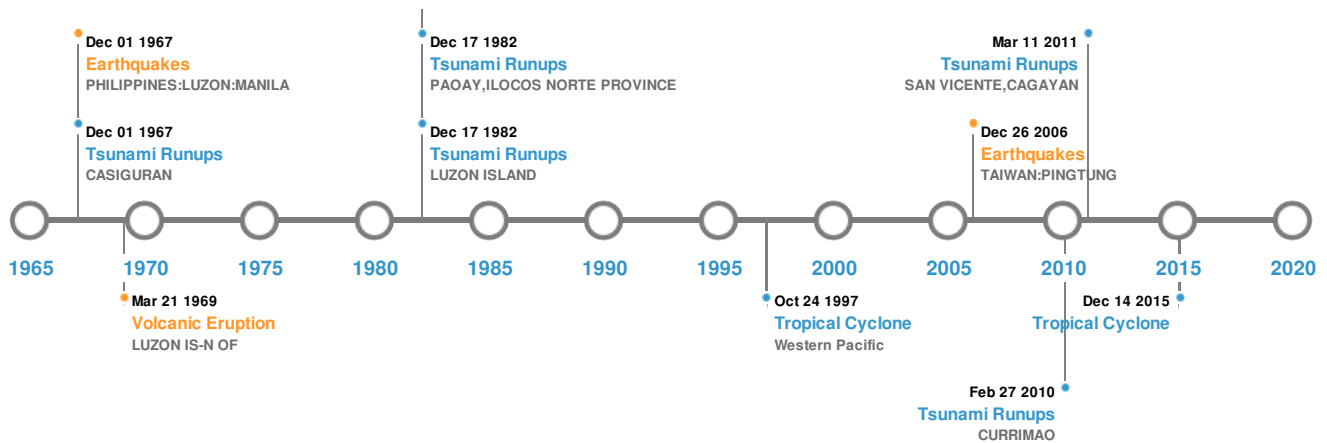


Source: [PDC](#)

## 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
	14-Feb-1934 00:03:00	7.90	22	PHILIPPINES: LUZON	17.5° N / 119° E
	15-Aug-1897 00:12:00	7.90	33	PHILIPPINES: LUZON: ILOCOS SUR	18° N / 120° E
	01-Aug-1968 00:20:00	7.30	36	PHILIPPINES: LUZON: MANILA	16.5° N / 122.2° E
	29-Dec-1949 00:03:00	7.20	-	PHILIPPINES: LUZON: E	18° N / 121° E
	26-Dec-2006 00:12:00	7.00	10	TAIWAN: PINGTUNG	21.8° N / 120.55° E

Source: [Earthquakes](#)

### Volcanic Eruptions:






#### 5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	SMITH VOLCANO	01-Jan-1831 00:00:00	3.00	LUZON IS. P.I.	19.53° N / 121.9° E
	SMITH VOLCANO	01-Jan-1652 00:00:00	3.00	LUZON IS. P.I.	19.53° N / 121.9° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	DIDICAS	21-Mar-1969 00:00:00	2.00	LUZON IS-N OF	19.08° N / 122.2° E
	DIDICAS	16-Mar-1952 00:00:00	2.00	LUZON IS-N OF	19.08° N / 122.2° E
	CAMIGUIN DE BABUYANE	07-Aug-1928 00:00:00	2.00	LUZON IS-N OF	18.83° N / 121.86° E

Source: [Volcanoes](#)

## Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	PHILIPPINES	0.6	-	SAN VICENTE, CAGAYAN	- / -
	27-Feb-2010 08:19:00	PHILIPPINES	0.16	-	CURRIMAO	18.02° N / 120.48° E
	17-Aug-1983 00:00:00	PHILIPPINES	0.1	-	LUZON ISLAND	18.23° N / 120.86° E
	17-Aug-1983 00:00:00	PHILIPPINES	-	-	PAOAY, ILOCOS NORTE PROVINCE	18.05° N / 120.52° E
	01-Aug-1968 00:00:00	PHILIPPINES	-	1	CASIGURAN	16.31° N / 122.17° 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
	OPAL	09-Dec-1964 00:00:00 - 16-Dec-1964 00:00:00	196	No Data	Western Pacific	11° N / 136.85° E
	SALLY	03-Sep-1964 06:00:00 - 11-Sep-1964 12:00:00	196	No Data	Western Pacific	18.13° N / 133.15° E
	JOAN	25-Aug-1959 12:00:00 - 31-Aug-1959 12:00:00	196	No Data	Western Pacific	22.51° N / 130° E
	MERANTI	10-Sep-2016 15:00:00 - 14-Sep-2016 03:00:00	190	-	-	21.16° N / 122.14° E
	IVAN	13-Oct-1997 12:00:00 - 24-Oct-1997 12:00:00	184	No Data	Western Pacific	18.53° N / 137.45° 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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