



### 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
		23-Sep-2016 23:01:59	6.5	69	Mindanao, Philippines	6.7° N / 126.6° E

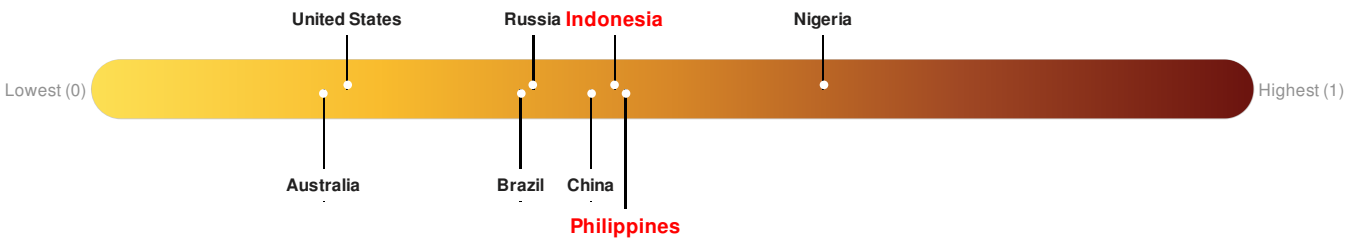
#### Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		23-Sep-2016 23:01:59	Tsunami Information (Pacific Ocean) - Mindanao Philippines - 6.5	6.7° N / 126.6° 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. **Indonesia** ranks 71 out of 165 on the Lack of Resilience index with a score of 0.45. **Philippines** ranks 64 out of 165 on the Lack of Resilience index with a score of 0.46.



**Indonesia** ranks 71 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 Infrastructure, Marginalization and Info Access Vulnerability.

**Philippines** ranks 64 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, Environmental Capacity and Governance.

## Regional Overview

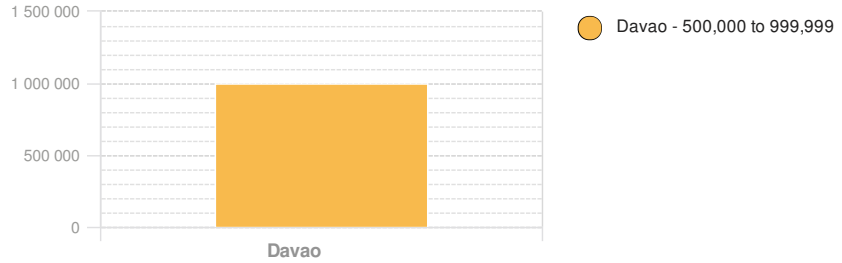
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### Population Data:

**2011**

**Total: 17,129,158**  
**Max Density: 59,111 (ppl/km<sup>2</sup>)**

### Populated Areas:



Source: [iSciences](#)

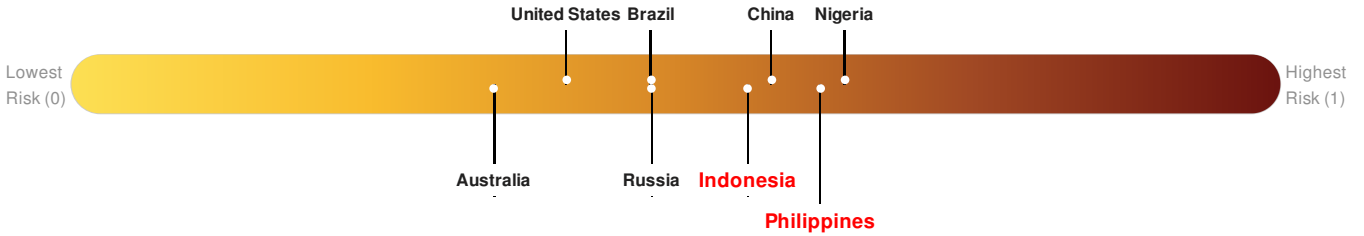
## Risk & Vulnerability

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### Multi Hazard Risk Index:

**Indonesia** ranks **40** out of **165** on the Multi-Hazard Risk Index with a score of 0.56. Indonesia is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

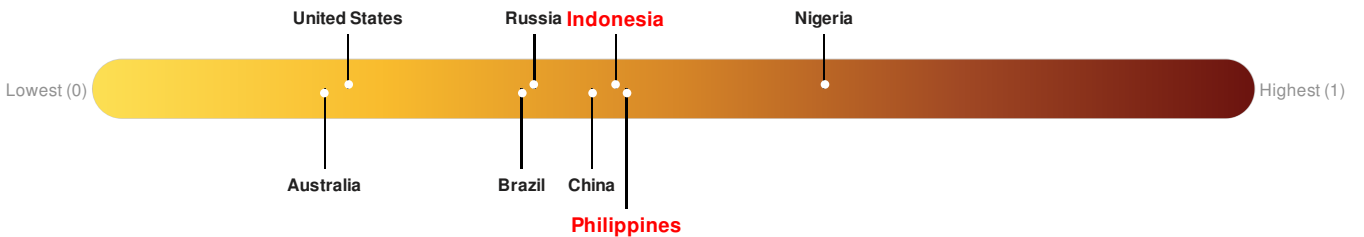
**Philippines** ranks **16** out of **165** on the Multi-Hazard Risk Index with a score of 0.62. Philippines is estimated to have relatively very high overall exposure, medium vulnerability, and medium coping capacity.



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. **Indonesia** ranks **71** out of **165** on the Lack of Resilience index with a score of 0.45. **Philippines** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46.



**Indonesia** ranks **71** 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 Infrastructure, Marginalization and Info Access Vulnerability.

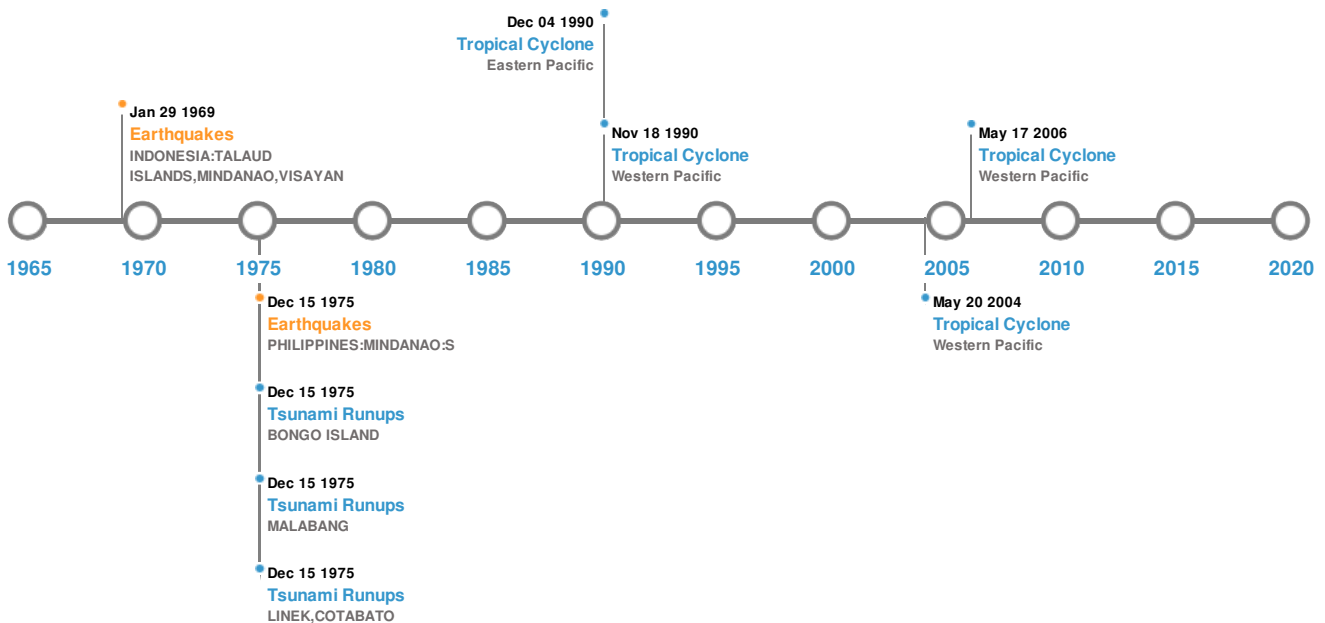
**Philippines** ranks **64** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Capacity and Governance.

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
	14-Apr-1924 00:16:00	8.30	33	PHILIPPINES: E MINDANAO: MATI,SURIGA	6.5° N / 126.5° E
	15-Aug-1918 00:12:00	8.30	33	PHILIPPINES: MINDANAO: COTABATO	5.4° N / 125.2° E
	16-Aug-1976 00:16:00	8.10	33	PHILIPPINES: MINDANAO: S	6.26° N / 124.02° E
	25-May-1943 00:23:00	8.10	33	PHILIPPINES: E OF	7.5° N / 128° E
	30-Jan-1969 00:10:00	7.90	70	INDONESIA: TALAUD ISLANDS,MINDANAO, VISAYAN	4.8° N / 127.4° E

Source: [Earthquakes](#)

### Volcanic Eruptions:

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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	HIBOK-HIBOK	01-Jan-1952 00:00:00	3.00	MINDANAO-PHILIPPINES	9.2° N / 124.67° E
	HIBOK-HIBOK	01-Sep-1948 00:00:00	2.00	MINDANAO-PHILIPPINES	9.2° N / 124.67° E
	CALAYO	31-Dec-1886 00:00:00	2.00	MINDANAO-PHILIPPINES	7.88° N / 125.07° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	RAGANG	16-Jan-1873 00:00:00	2.00	MINDANAO-PHILIPPINES	7.66° N / 124.5° E
	RAGANG	08-Dec-1871 00:00:00	2.00	MINDANAO-PHILIPPINES	7.66° N / 124.5° E

Source: [Volcanoes](#)

## Tsunami Runups:






### 5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	16-Aug-1976 00:00:00	PHILIPPINES	8.5	-	LINEK, COTABATO	7.17° N / 124.16° E
	16-Aug-1976 00:00:00	PHILIPPINES	6	-	MALABANG	7.59° N / 124.08° E
	21-Sep-1897 00:00:00	PHILIPPINES	6	13	BASILAN	6.5° N / 127° E
	16-Aug-1976 00:00:00	PHILIPPINES	4.43	-	BONGO ISLAND	7.32° N / 124.05° E
	29-Mar-1907 00:00:00	INDONESIA	4	-	KARAKELONG ISLAND, TALAUD ISLANDS	4.15° N / 126.48° 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
	LOUISE	15-Nov-1964 12:00:00 - 20-Nov-1964 12:00:00	190	No Data	Western Pacific	9.26° N / 130.65° E
	MIKE	06-Nov-1990 06:00:00 - 18-Nov-1990 12:00:00	173	No Data	Western Pacific	13.84° N / 129.45° E
	OWEN	14-Nov-1990 18:00:00 - 05-Dec-1990 00:00:00	161	No Data	Eastern Pacific	9.61° N / 0°
	NIDA	13-May-2004 18:00:00 - 21-May-2004 00:00:00	161	No Data	Western Pacific	20.29° N / 133.45° E
	CHANCHU	09-May-2006 00:00:00 - 18-May-2006 00:00:00	155	No Data	Western Pacific	15.79° N / 124.85° 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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