Pacific Disaster Center
Area Brief: General Executive Summary

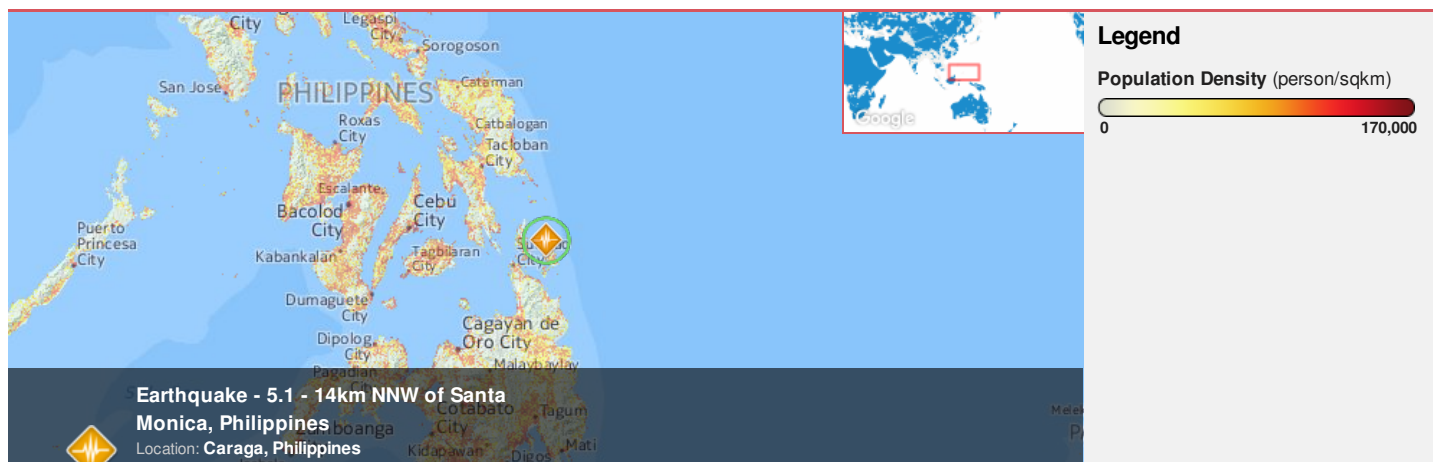| HONOLULU 06:12:55 26 Aug 2016 | WASH.D.C. 12:12:55 26 Aug 2016 | ZULU 16:12:55 26 Aug 2016 | NAIROBI 19:12:55 26 Aug 2016 | BANGKOK 23:12:55 26 Aug 2016 | MANILA 00:12:55 27 Aug 2016 |

Region Selected » Lower Left Latitude/Longitude: 7.132 N˚ , 122.9632 E˚
Upper Right Latitude/Longitude: 13.132 N˚ , 128.9632 E˚

Legend

Population Density (person/sqkm)

0   170,000

Earthquake - 5.1 - 14km NNW of Santa Monica, Philippines
Location: **Caraga, Philippines**

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
		26-Aug-2016 16:12:04	5.1	97.61	14km NNW of Santa Monica, Philippines	10.13° N / 125.96° 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. **Philippines** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46.

Lowest (0)   Highest (1)
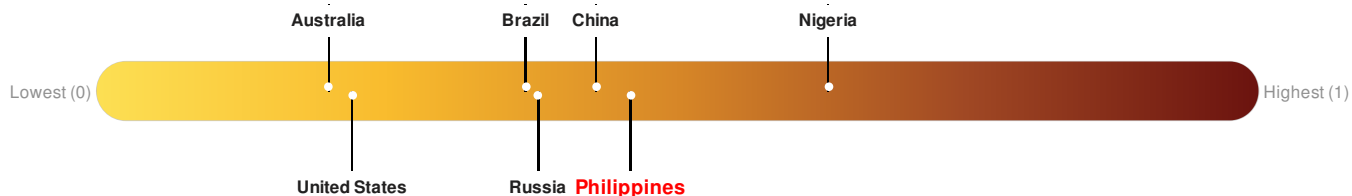
Philippines ranks **64** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Capacity and Governance.

Source: PDC

Regional Overview

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Population Data:

2011

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.

Total: 26, 597, 682

Max Density: 59, 111 (ppl/km^2)

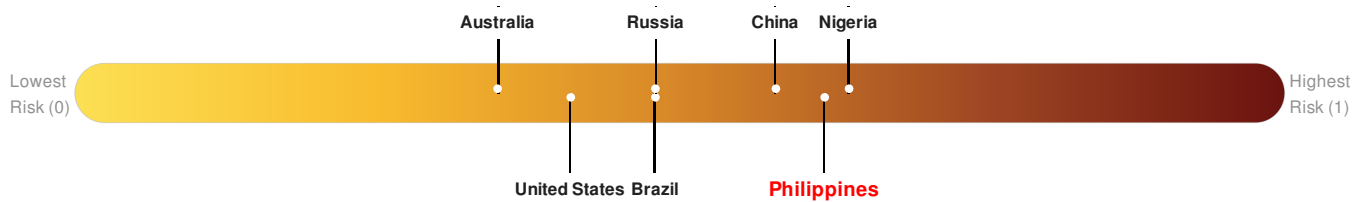## Risk & Vulnerability

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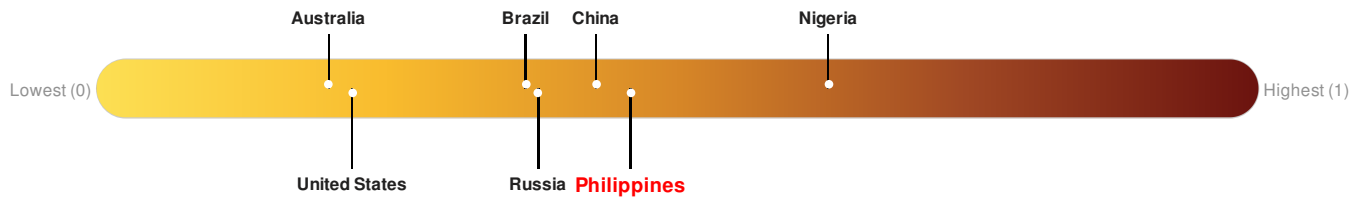
Multi Hazard Risk Index:

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.

Lack of Resilience Index:

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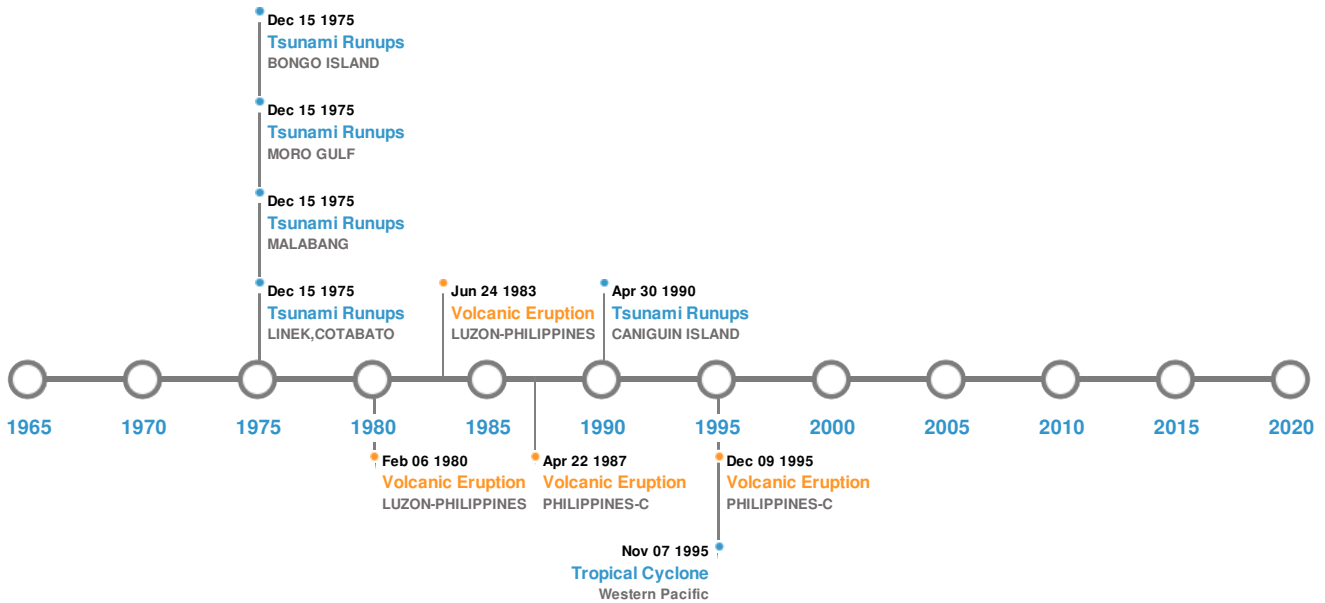

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Historical Hazards:

Dec 15 1975
Tsunami Runups
BONGO ISLAND

Dec 15 1975
Tsunami Runups
MORO GULF

Dec 15 1975
Tsunami Runups
MALABANG

Dec 15 1975
Tsunami Runups
LINEK,COTABATO

Jun 24 1983
Volcanic Eruption
LUZON-PHILIPPINES

Apr 30 1990
Tsunami Runups
CANIGUIN ISLAND

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

Feb 06 1980
Volcanic Eruption
LUZON-PHILIPPINES

Apr 22 1987
Volcanic Eruption
PHILIPPINES-C

Dec 09 1995
Volcanic Eruption
PHILIPPINES-C

Nov 07 1995
Tropical Cyclone
Western Pacific

Earthquakes:

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
5 Largest Earthquakes (Resulting in significant damage or deaths)					
	25-May-1943 00:23:00	8.10	33	PHILIPPINES: E OF	7.5° N / 128° E
	18-Oct-1897 00:23:00	8.10	33	PHILIPPINES: NORTHERN SAMAR	12° N / 126° E
	20-Oct-1897 00:14:00	7.90	33	PHILIPPINES: NORTHERN SAMAR	12° N / 126° E
	13-May-1897 00:11:00	7.90	33	PHILIPPINES: MASBATE ISLAND	12° N / 124° E
	19-Mar-1952 00:10:00	7.80	-	PHILIPPINES	9.5° N / 126° E

Source: Earthquakes

Volcanic Eruptions:

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
5 Largest Volcanic Eruptions (Last updated in 2000)					
	BULUSAN	07-Feb-1980 00:00:00	3.00	LUZON-PHILIPPINES	12.77° N / 124.05° E
	HIBOK-HIBOK	01-Jan-1952 00:00:00	3.00	MINDANAO-PHILIPPINES	9.2° N / 124.67° E
	CANLAON	10-Aug-1996 00:00:00	2.00	PHILIPPINES-C	10.41° N / 123.13° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	CANLAON	23-Apr-1987 00:00:00	2.00	PHILIPPINES-C	10.41° N / 123.13° E
	BULUSAN	25-Jun-1983 00:00:00	2.00	LUZON-PHILIPPINES	12.77° N / 124.05° 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
	01-May-1990 00:00:00	PHILIPPINES	5	-	CANIGUIN ISLAND	9.99° N / 125.28° E
	16-Aug-1976 00:00:00	PHILIPPINES	4.48	-	MORO GULF	7.2° N / 123.5° E
	16-Aug-1976 00:00:00	PHILIPPINES	4.43	-	BONGO ISLAND	7.32° N / 124.05° 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
	RUTH	12-Dec-1955 12:00:00 - 18-Dec-1955 12:00:00	207	No Data	Western Pacific	20.04° N / 146.1° E
	OPAL	09-Dec-1964 00:00:00 - 16-Dec-1964 00:00:00	196	No Data	Western Pacific	11° N / 136.85° E
	LOUISE	15-Nov-1964 12:00:00 - 20-Nov-1964 12:00:00	190	No Data	Western Pacific	9.26° N / 130.65° E
	WILMA	21-Oct-1952 18:00:00 - 31-Oct-1952 12:00:00	184	No Data	Western Pacific	10.3° N / 127.5° E
	ANGELA	20-Oct-1995 12:00:00 - 07-Nov-1995 12:00:00	178	No Data	Western Pacific	11.95° N / 141.65° E

Source: Tropical Cyclones