<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	PALAU
	Area Brief: General	06:03:29	12:03:29	16:03:29	19:03:29	23:03:29	01:03:29
	Executive Summary	24 Oct 2018	25 Oct 2018				

Region Selected » Lower Left Latitude/Longitude: 2.2214 N°, 123.5358 E° Upper Right Latitude/Longitude: 8.2214 N°, 129.5358 E°



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:

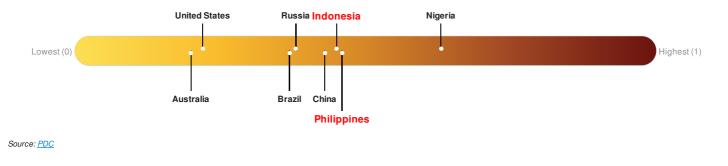
Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long		
	0	20-Oct-2018 19:11:32	5.3	85.65	120km E of Sarangani, Philippines	5.22° N / 126.54° E		
Source: <u>PDC</u>								

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.

Indonesia ranks 71 out of 164 countries assessed for Lack of Resilience. Indonesia is less resilient than 57% of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Philippines ranks 64 out of 164 countries assessed for Lack of Resilience. Philippines is less resilient than 61% of countries assessed. This indicates that Philippines has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Regional Overview

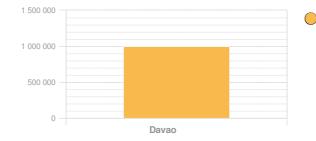
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Population Data:

2011

Total: 12, 682, 277 Max Density: 36, 238(ppl/km²)





Davao - 500,000 to 999,999

Source: <u>iSciences</u>

Risk & Vulnerability

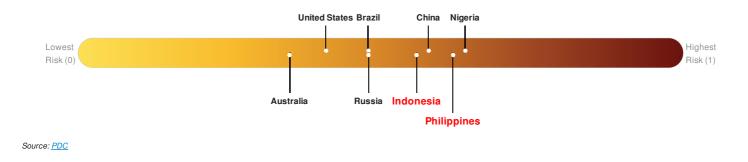
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Multi Hazard Risk Index:

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

Indonesia ranks 24 out of 164 countries assessed for Multi Hazard Risk. Indonesia has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Indonesia has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

Philippines ranks 9 out of 164 countries assessed for Multi Hazard Risk. Philippines has a Multi Hazard Risk higher than 91% of countries assessed. This indicates that Philippines has a high likelihood of loss and/or disruption to normal function if exposed to a hazard.

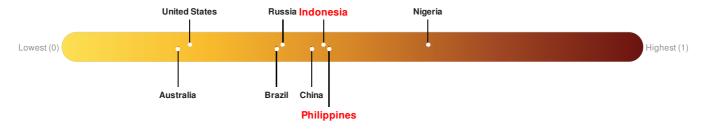


Lack of Resilience Index:

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.

Indonesia ranks 71 out of 164 countries assessed for Lack of Resilience. Indonesia is less resilient than 57% of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

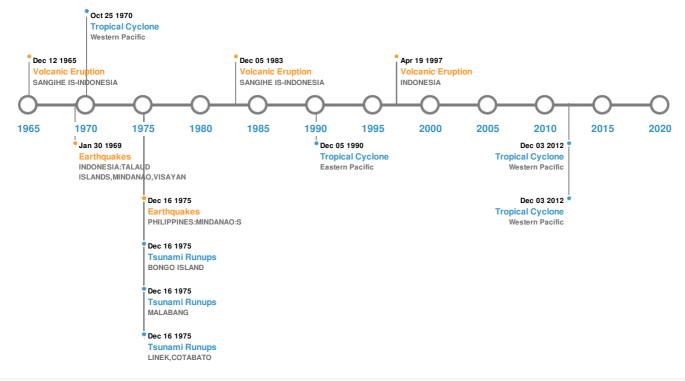
Philippines ranks **64** out of **164** countries assessed for Lack of Resilience. Philippines is less resilient than 61% of countries assessed. This indicates that Philippines has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC

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:

vent	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			
\diamond	AWU	03-Jan-1641 00:00:00	5.00	SANGIHE IS-INDONESIA	3.67° N / 125.5° E			
	AWU	12-Aug-1966 00:00:00	4.00	SANGIHE IS-INDONESIA	3.67° N / 125.5° E			

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
Ó	AWU	01-Dec-1640 00:00:00	4.00	SANGIHE IS-INDONESIA	3.67° N / 125.5° E
٩	MT. KARANGETANG	19-Apr-1997 00:00:00	3.00	INDONESIA	2.78° N / 125.48° E
٩	API SIAU	05-Sep-1984 00:00:00	3.00	SANGIHE IS-INDONESIA	3.67° N / 125.5° E

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups							
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long	
	02-Mar-1871 00:00:00	INDONESIA	25	277	TAHULANDAG I., MOLUCCAS	2.38° N / 125.39° E	
	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	
Source: Tsunan	nin						

Source: <u>Tsunamis</u>

Tropical Cyclones:

5 Large	5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long			
٢	LOUISE	15-Nov-1964 12:00:00 - 20-Nov-1964 12:00:00	190	No Data	Western Pacific	9.26° N / 130.65° E			
٢	OWEN	14-Nov-1990 18:00:00 - 05-Dec-1990 00:00:00	161	No Data	Eastern Pacific	9.61°N/0°			
٢	KATE	14-Oct-1970 12:00:00 - 25-Oct-1970 12:00:00	150	No Data	Western Pacific	10.06° N / 123.7° E			
٢	ворна	03-Dec-2012 18:00:00 - 03-Dec-2012 18:00:00	140	No Data	Western Pacific	- / -			
٢	ворна	03-Dec-2012 12:00:00 - 03-Dec-2012 12:00:00	140	No Data	Western Pacific	- / -			

Source: Tropical Cyclones

Disclosures

* As defined by the source (<u>Dartmouth Flood Observatory</u>, 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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