Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	JAKARTA
Area Brief: General	17:51:49	<b>23:51:49</b>	<b>03:51:49</b>	<b>06:51:49</b>	<b>10:51:49</b>	<b>10:51:49</b>
Executive Summary	27 Jun 2016	27 Jun 2016	28 Jun 2016	28 Jun 2016	28 Jun 2016	28 Jun 2016

Region Selected » Lower Left Latitude/Longitude: -8.9412 N\*, 102.3268 E\*

Upper Right Latitude/Longitude: -2.941200000000003 N°, 108.3268 E°



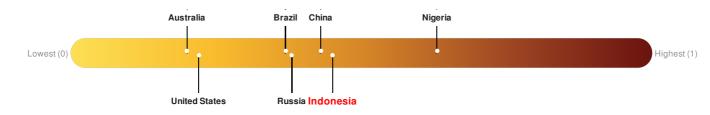
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

### **Current Hazards:**

Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long		
	0	28-Jun-2016 03:50:46	5.2	46.74	36km SW of Kaliandak, Indonesia	5.94° S/105.33° E		
Source: <u>PDC</u>								

## 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.



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.

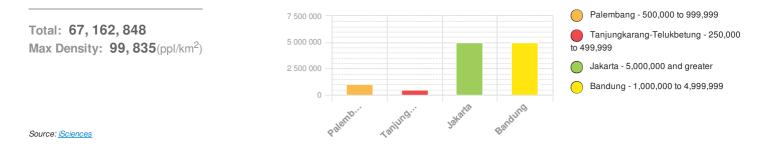
Source: <u>PDC</u>

**Regional Overview** 

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## **Population Data:**

**Populated Areas:** 

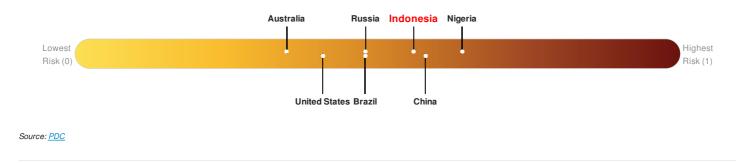


Risk & Vulnerability

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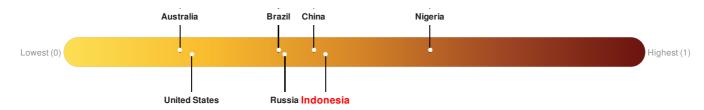
### **Multi Hazard Risk Index:**

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.



### 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.

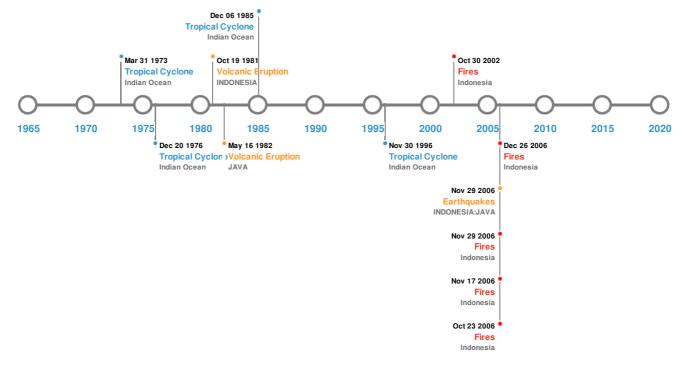


Indonesia ranks 71 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Infrastructure, Marginalization and Info Access Vulnerability.

Source: <u>PDC</u>

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#### **Historical Hazards:**



#### **Earthquakes:**

vent	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	27-Feb-1903 00:00:00	8.10	-	INDONESIA: S OF JAVA	8° S / 106° E
	25-Jun-1914 00:19:00	7.60	-	INDONESIA: SUMATERA	4.5° S/102.5° E
	08-Aug-2007 00:17:00	7.50	289	INDONESIA: JAVA	5.97° S / 107.66° E
	16-Apr-1957 00:04:00	7.50	546	INDONESIA: JAVA SEA	4.6° S/107.1° E
	24-Jun-1933 00:21:00	7.50	60	INDONESIA: S SUMATERA	5.5° S/104.8° E

Source: Earthquakes

### **Volcanic Eruptions:**

5 Large	5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long			
$\diamond$	KRAKATAU	26-Aug-1883 00:00:00	6.00	INDONESIA	6.1° S/105.42° E			
$\diamond$	KRAKATAU	01-Aug-1883 00:00:00	6.00	INDONESIA	6.1° S/105.42° E			
$\diamond$	GALUNGGUNG	08-Oct-1822 00:00:00	5.00	JAVA	7.25° S/108.05° E			

Event	Name	Date (UTC) Volcanic Explosivity Index		Location	Lat/Long
$\diamond$	GALUNGGUNG	17-May-1982 00:00:00	4.00	JAVA	7.25° S/108.05° E
$\diamond$	KRAKATAU	20-Oct-1981 00:00:00	3.00	INDONESIA	6.1° S/105.42° E
Courses Malaon					

Source: <u>Volcanoes</u>

# Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
	27-Aug-1883 00:00:00	INDONESIA	35	-	MERAK, JAVA	5.92° S/106° E		
$\diamond$	27-Aug-1883 00:00:00	INDONESIA	30.6	-	KRAKATAU, JAVA	5° S/105.42° E		
$\diamond$	27-Aug-1883 00:00:00	INDONESIA	30	36000	SUNDA STRAIT	6° S/105.75° E		
	27-Aug-1883 00:00:00	INDONESIA	22	-	TELUKBETUNG, SUMATRA	5.47° S/105.27° E		
$\diamond$	27-Aug-1883 00:00:00	INDONESIA	10	-	ANJER, JAVA	6.03° S/105.95° E		

Source: <u>Tsunamis</u>

## Wildfires:

5 Larges	5 Largest Wildfires								
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long					
<b></b>	23-Aug-2006 00:00:00 - 18-Nov-2006 00:00:00	93.50	Indonesia	2.81° S/105.44° E					
<b></b>	06-Sep-2006 00:00:00 - 09-Dec-2006 00:00:00	38.00	Indonesia	3.1° S/105.75° E					
	06-Feb-2002 00:00:00 - 31-Oct-2002 00:00:00	21.90	Indonesia	2.93° S/105.7° E					
	08-Oct-2006 00:00:00 - 27-Dec-2006 00:00:00	20.90	Indonesia	3.04° S / 105.35° E					
	08-Aug-2006 00:00:00 - 24-Oct-2006 00:00:00	18.70	Indonesia	3.24° S/103.5° E					

Source: Wildfires

# **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	1985-11- 25	25-Nov-1985 12:00:00 - 06-Dec-1985 12:00:00	86	No Data	Indian Ocean	11.5° S/107.75° E		
٢	1996-11- 20	20-Nov-1996 06:00:00 - 01-Dec-1996 06:00:00	75	No Data	Indian Ocean	6.54° S/86.9° E		
٢	1973-03- 25	26-Mar-1973 00:00:00 - 01-Apr-1973 00:00:00	No Data	No Data	Indian Ocean	12.65° S/95.2° E		

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
٢	1976-12- 15	15-Dec-1976 06:00:00 - 20-Dec-1976 18:00:00	No Data	No Data	Indian Ocean	12.65° S/92.45° E

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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