



Pacific Disaster Center
*Area Brief: General
Executive Summary*

HONOLULU
15:11:28
15 Dec 2017

WASH.D.C.
20:11:28
15 Dec 2017

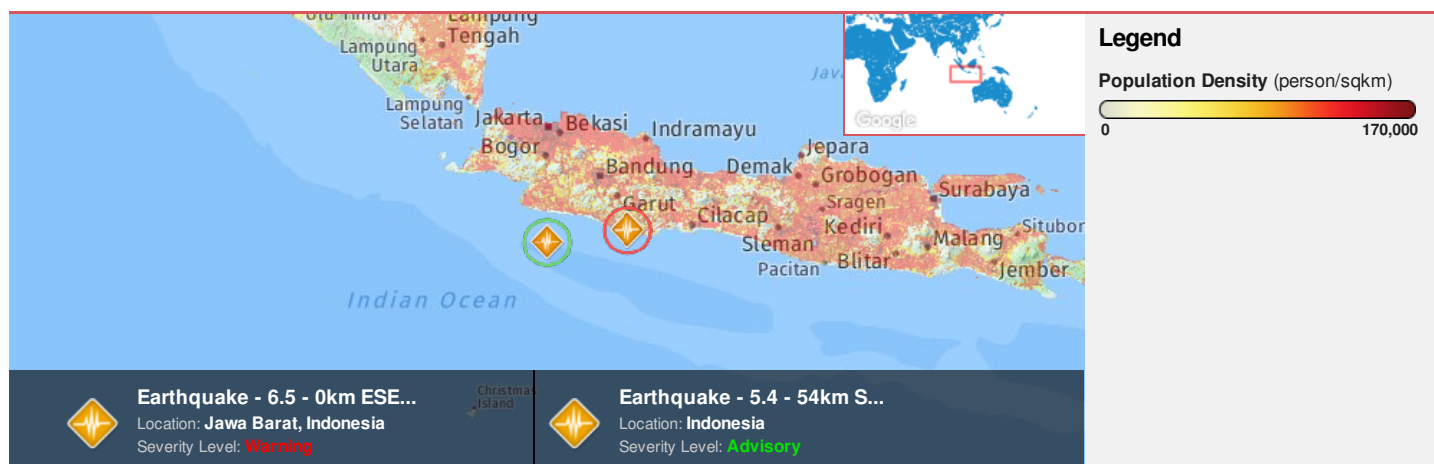
ZULU
01:11:28
16 Dec 2017

NAIROBI
04:11:28
16 Dec 2017

BANGKOK
08:11:28
16 Dec 2017

JAKARTA
08:11:28
16 Dec 2017

Region Selected » Lower Left Latitude/Longitude: -10.9176 N° , 103.7931 E°
Upper Right Latitude/Longitude: -4.9176 N° , 109.7931 E°



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 |
|-------|----------|----------------------|-----------|------------|----------------------------------|---------------------|
| | | 16-Dec-2017 00:40:57 | 5.4 | 10 | 54km S of Tegalbuleud, Indonesia | 7.92° S / 106.79° E |
| | | 15-Dec-2017 17:07:19 | 6.5 | 91.86 | 0km ESE of Cipatujah, Indonesia | 7.73° S / 108.02° E |

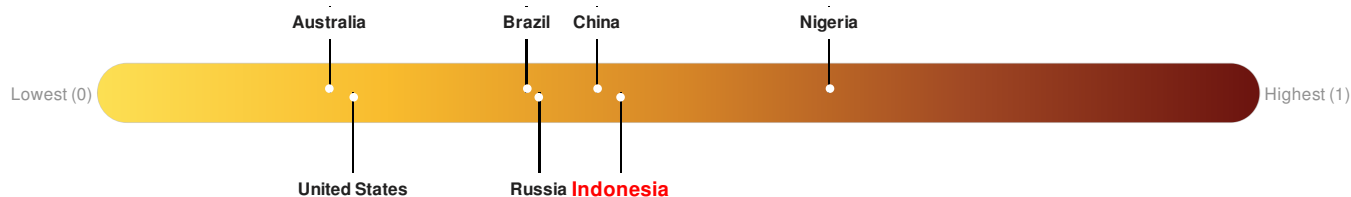
Source: [PDC](#)

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.

Indonesia ranks **71** out of **165** 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 more able to respond to and recover from a disruption to normal function.

There was insufficient data to determine the Lack of Resilience Index score for **Christmas I..**



Source: [PDC](#)

Regional Overview

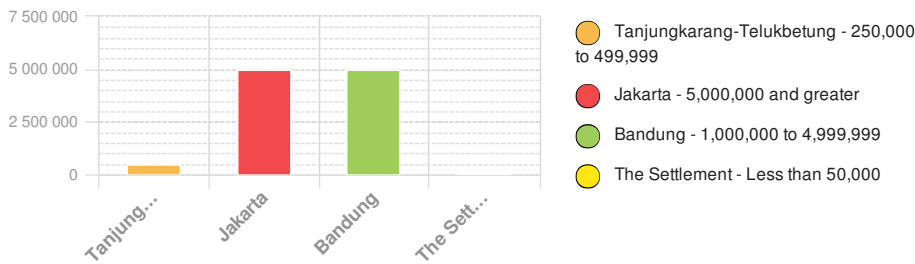
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Population Data:

2011

Total: 76,938,616
Max Density: 99,835 (ppl/km²)

Populated Areas:



Source: [iSciences](#)

Risk & Vulnerability

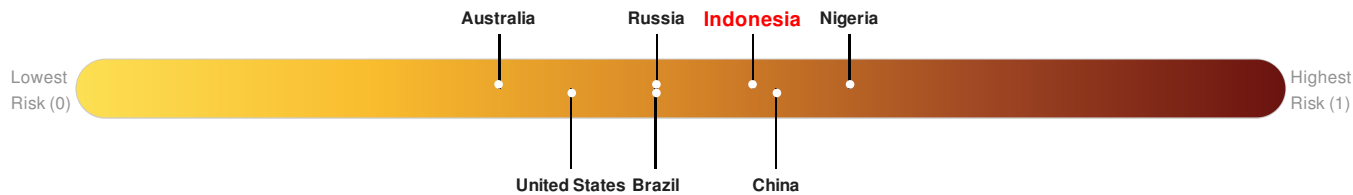
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Multi Hazard Risk Index:

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

Multi-Hazard Exposure **Indonesia** ranks **40** out of **165** countries assessed for Multi Hazard Risk. Indonesia has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Indonesia has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

There was insufficient data to determine the Multi Hazard Risk Index score for **Christmas I..**



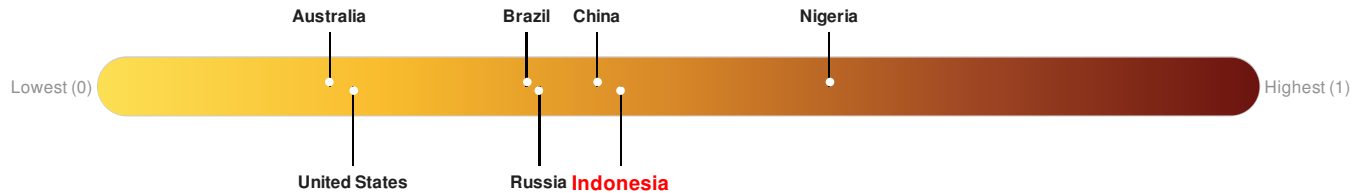
Source: [PDC](#)

Lack of Resilience Index:

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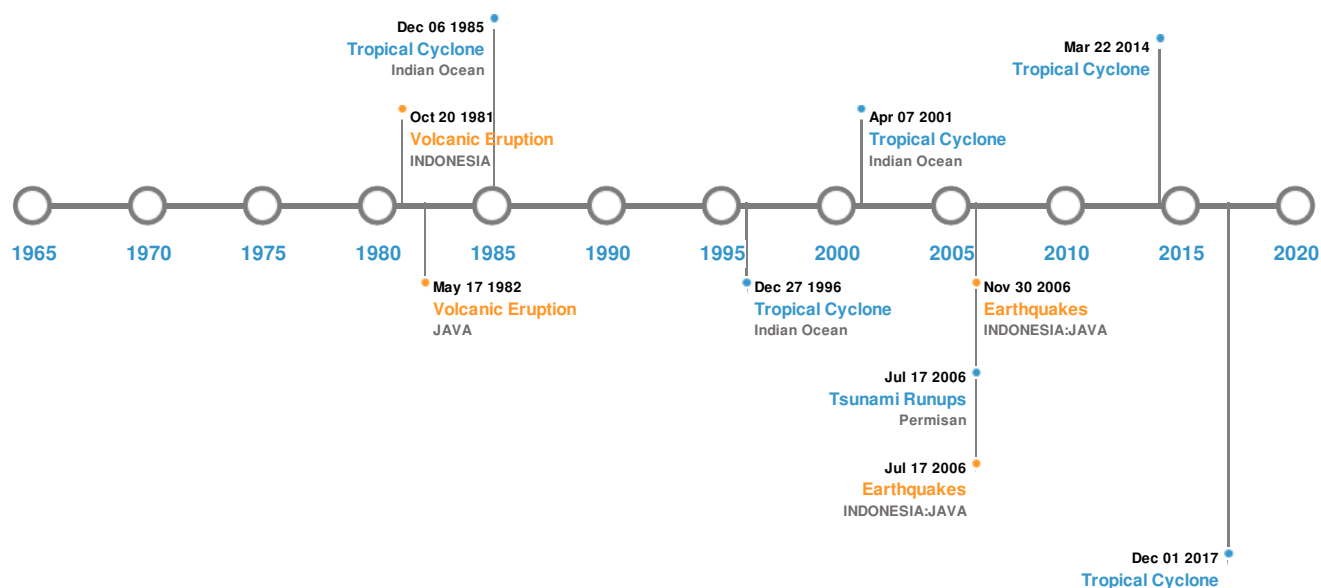


Source: [PDC](#)

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 |
|---|----------------------|-----------|------------|-----------------------|---------------------|
|  | 27-Feb-1903 00:00:00 | 8.10 | - | INDONESIA: S OF JAVA | 8° S / 106° E |
|  | 17-Jul-2006 00:08:00 | 7.70 | 34 | INDONESIA: JAVA | 9.25° S / 107.41° E |
|  | 08-Aug-2007 00:17:00 | 7.50 | 289 | INDONESIA: JAVA | 5.97° S / 107.66° E |
|  | 24-Jun-1933 00:21:00 | 7.50 | 60 | INDONESIA: S SUMATERA | 5.5° S / 104.8° E |
|  | 24-Aug-1757 00:00:00 | 7.50 | - | JAKARTA, INDONESIA | 6° S / 107° E |

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|----------|----------------------|----------------------------|-----------|--------------------|
|  | KRAKATAU | 26-Aug-1883 00:00:00 | 6.00 | INDONESIA | 6.1° S / 105.42° E |
| | KRAKATAU | 01-Aug-1883 00:00:00 | 6.00 | INDONESIA | 6.1° S / 105.42° E |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|------------|----------------------|----------------------------|-----------|---------------------|
|  | GALUNGGUNG | 08-Oct-1822 00:00:00 | 5.00 | JAVA | 7.25° S / 108.05° E |
|  | GALUNGGUNG | 17-May-1982 00:00:00 | 4.00 | JAVA | 7.25° S / 108.05° E |
|  | KRAKATAU | 20-Oct-1981 00:00:00 | 3.00 | INDONESIA | 6.1° S / 105.42° E |






Source: [Volcanoes](#)

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 |
|  | 27-Aug-1883 00:00:00 | INDONESIA | 30.6 | - | KRAKATAU, JAVA | 5° S / 105.42° E |
|  | 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 |
|  | 17-Jul-2006 00:00:00 | INDONESIA | 20.9 | - | Permisan | 7.74° S / 108.88° 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 |
|  | 2001-04-02 | 02-Apr-2001 12:00:00 - 07-Apr-2001 12:00:00 | 104 | No Data | Indian Ocean | 14.13° S / 92.3° E |
|  | 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 |
|  | GILLIAN | 21-Mar-2014 00:00:00 - 22-Mar-2014 00:00:00 | 63 | - | - | 10.15° S / 105.7° E |
|  | 1996-12-13 | 14-Dec-1996 00:00:00 - 27-Dec-1996 00:00:00 | 63 | No Data | Indian Ocean | 13.74° S / 112.85° E |
|  | DAHLIA | 30-Nov-2017 03:00:00 - 01-Dec-2017 09:00:00 | 58 | - | - | 9.83° S / 108.05° 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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