



**Region Selected** » Lower Left Latitude/Longitude: -8.303899999999999 N° , 140.5796 E°  
 Upper Right Latitude/Longitude: -2.303899999999996 N° , 146.5796 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.

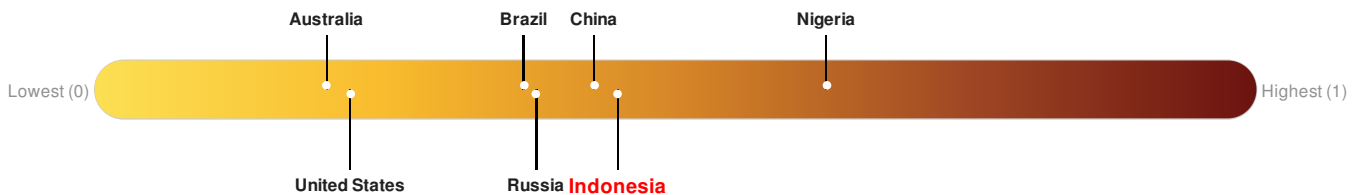
### Current Hazards:

Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		20-Mar-2017 06:56:56	5.2	109.2	23km NW of Wabag, Papua New Guinea	5.3° S / 143.58° 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. There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.



**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.

There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.

Source: [PDC](#)

### Regional Overview

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## Population Data:

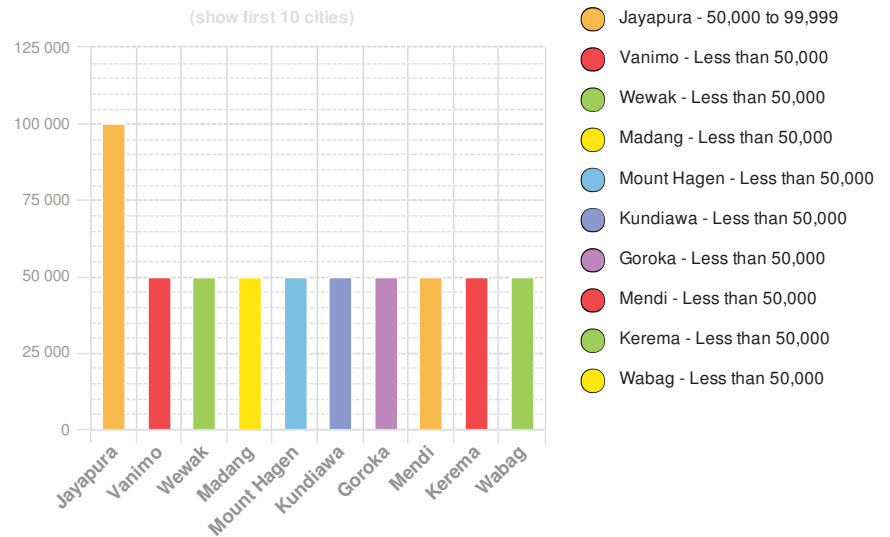
2011

Total: 3,920,372

Max Density: 50,646 (ppl/km<sup>2</sup>)

Source: [iSciences](#)

## Populated Areas:



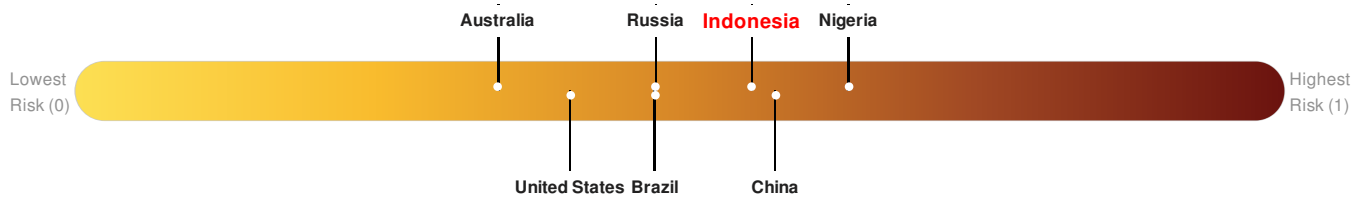
## Risk & Vulnerability

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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.

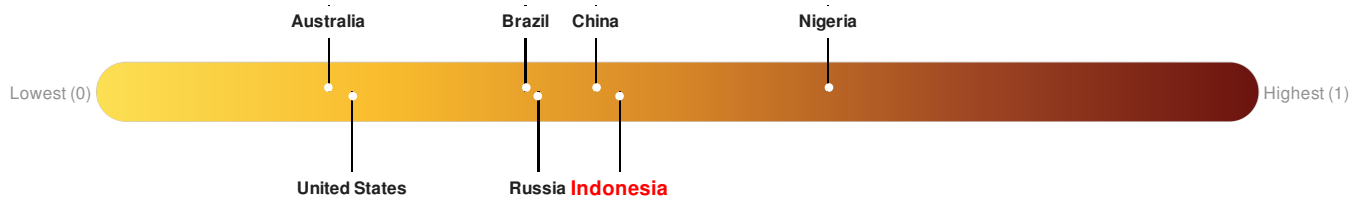
There was insufficient data to determine the Multi Hazard Risk Index score for **Papua New Guinea**.



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. There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.



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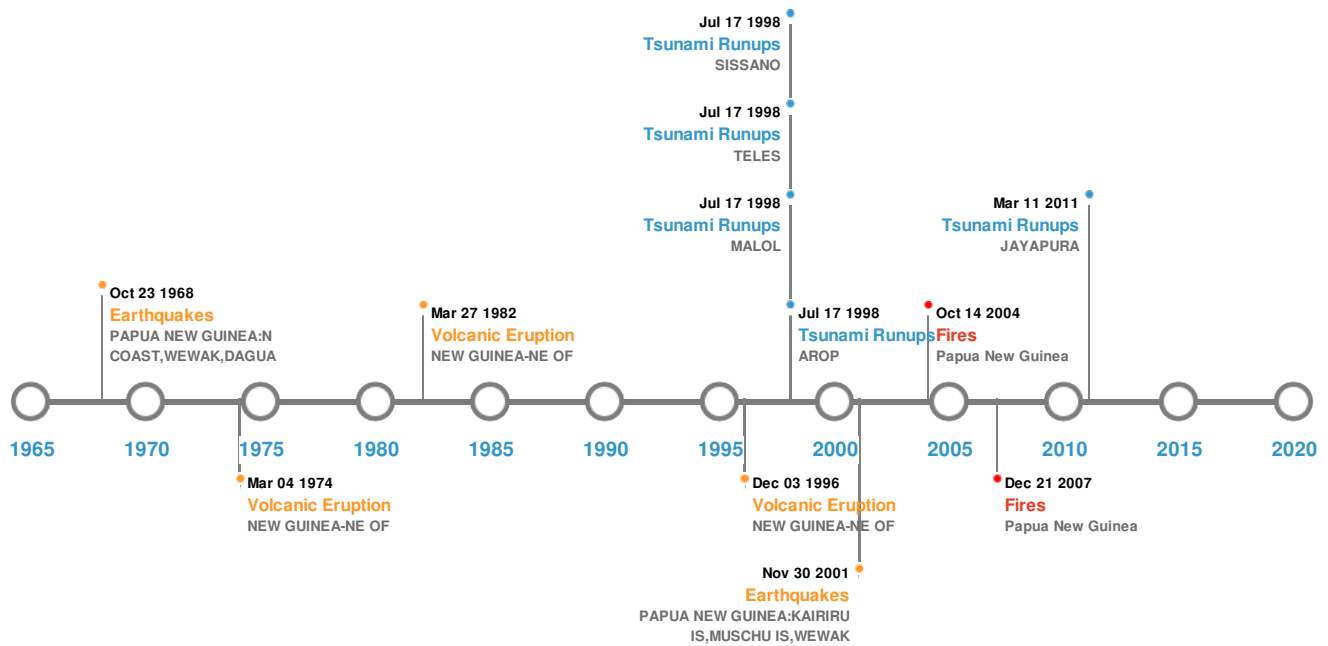
There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.

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
	01-Jan-1873 00:00:00	8.00	-	MACLAY COAST	5.5° S / 146° E
	20-Sep-1935 00:01:00	7.90	60	PAPUA NEW GUINEA: N-CENTRAL	3.5° S / 141.8° E
	29-Jul-1917 00:21:00	7.70	-	PAPUA NEW GUINEA	3° S / 143.5° E
	08-Sep-2002 00:18:00	7.60	13	PAPUA NEW GUINEA: KAIRIRU IS, MUSCHU IS, WEWAK	3.3° S / 142.95° E
	23-Oct-1968 00:21:00	7.50	21	PAPUA NEW GUINEA: N COAST, WEWAK, DAGUA	3.4° S / 143.3° E

Source: [Earthquakes](#)

### Volcanic Eruptions:






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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MANAM	11-Aug-1919 00:00:00	4.00	NEW GUINEA-NE OF	4.1° S / 145.06° E
	KARKAR	20-Apr-1643 00:00:00	4.00	NEW GUINEA-NE OF	4.65° S / 145.96° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MANAM	03-Dec-1996 00:00:00	3.00	NEW GUINEA-NE OF	4.1° S / 145.06° E
	MANAM	27-Mar-1982 00:00:00	3.00	NEW GUINEA-NE OF	4.1° S / 145.06° E
	MANAM	04-Mar-1974 00:00:00	3.00	NEW GUINEA-NE OF	4.1° S / 145.06° E

Source: [Volcanoes](#)

## Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	INDONESIA	-	1	JAYAPURA	- / -
	17-Jul-1998 00:00:00	PAPUA NEW GUINEA	15.03	862	AROP	3.03° S / 142.1° E
	17-Jul-1998 00:00:00	PAPUA NEW GUINEA	11.89	95	MALOL	3.1° S / 142.18° E
	17-Jul-1998 00:00:00	PAPUA NEW GUINEA	10	5	TELES	3.12° S / 142.27° E
	17-Jul-1998 00:00:00	PAPUA NEW GUINEA	10	170	SISSANO	3° S / 142.05° E

Source: [Tsunamis](#)

## Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	17-Jun-2004 00:00:00 - 14-Oct-2004 00:00:00	14.70	Papua New Guinea	4.33° S / 143.64° E
	09-Aug-2008 13:20:00 - 21-Aug-2008 04:20:00	12.70	Papua New Guinea	4.28° S / 143.47° E

Source: [Wildfires](#)

## 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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