



**Region Selected** » Lower Left Latitude/Longitude: -8.206800000000001 N° , 142.3762 E°  
 Upper Right Latitude/Longitude: -2.2068000000000003 N° , 148.3762 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
		25-Mar-2017 09:29:26	5.2	94.7	46km W of Madang, Papua New Guinea	5.21° S / 145.38° E

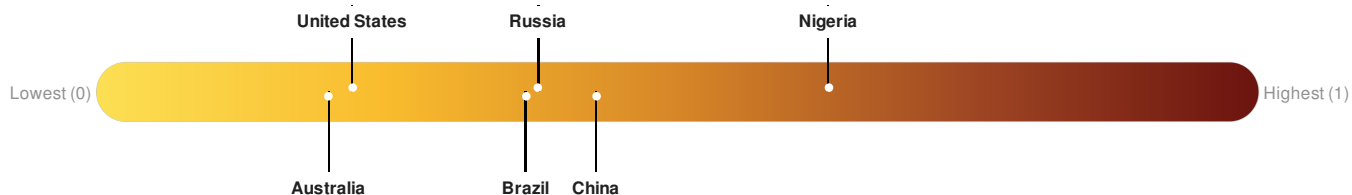
#### Active Volcanoes

Event	Severity	Last Updated (UTC)	Name	Region	Primary Observatory	Activity	More Information	Lat/Long
		05-Nov-2009 00:04:26	Volcano - Manam, Papua New Guinea	Papua New Guinea	-	New Activity	<a href="#">more info</a>	4.08° S / 145.04° 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. There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.



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:

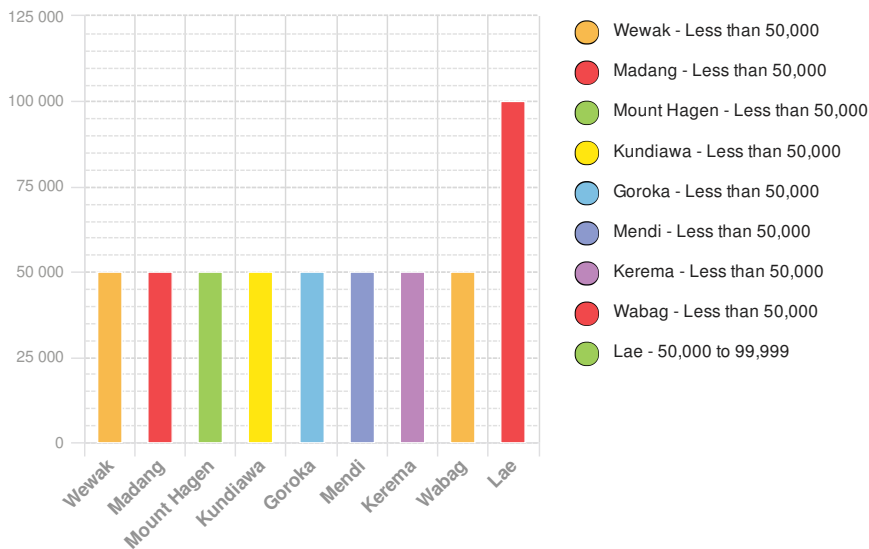
2011

Total: 3,760,203

Max Density: 21,296 (ppl/km<sup>2</sup>)

Source: [iSciences](#)

## Populated Areas:

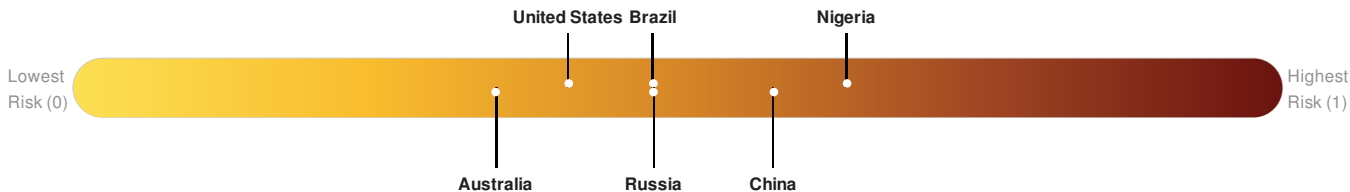


## Risk & Vulnerability

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## Multi Hazard Risk Index:

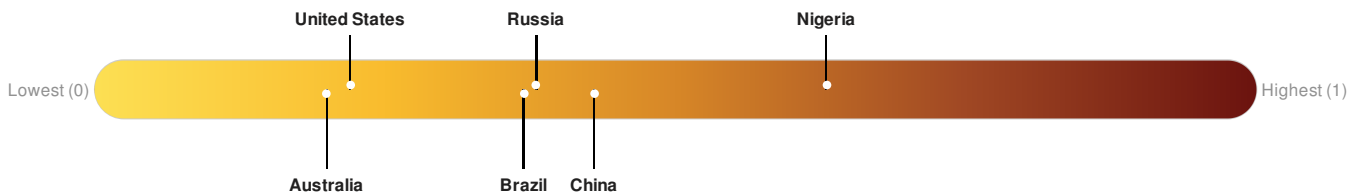
There was insufficient data to determine the Multi Hazard Risk Index score for **Papua New Guinea**.



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



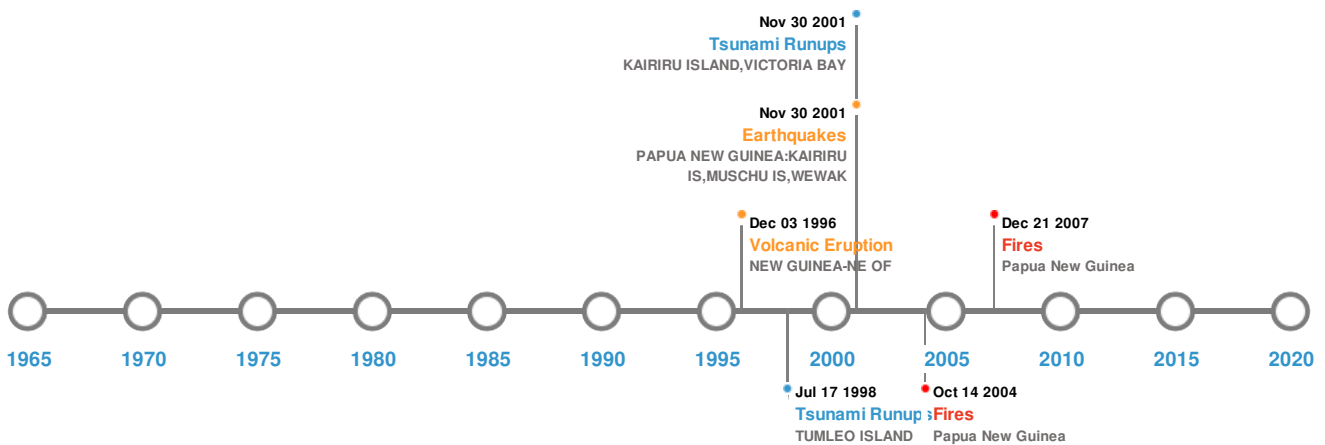
There was insufficient data to determine the Lack of Resilience Index score for **Papua New Guinea**.

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
	17-Apr-1857 00:00:00	8.00	-	BISMARCK SEA	5.5° S / 147° E
	11-Oct-1913 00:04:00	7.80	33	PAPUA NEW GUINEA	7° S / 148° 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

Source: [Earthquakes](#)

### Volcanic Eruptions:






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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	LONG ISLAND	01-Jan-1700 00:00:00	6.00	NEW GUINEA-NE OF	5.36° S / 147.12° E
	MANAM	11-Aug-1919 00:00:00	4.00	NEW GUINEA-NE OF	4.1° S / 145.06° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	RITTER ISLAND	24-Mar-1700 00:00:00	4.00	NEW GUINEA-NE OF	5.52° S / 148.12° E
	KARKAR	20-Apr-1643 00:00:00	4.00	NEW GUINEA-NE OF	4.65° S / 145.96° E
	MANAM	03-Dec-1996 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
	13-Mar-1888 00:00:00	PAPUA NEW GUINEA	15	-	TUPINIER ISLAND	5.42° S / 148.1° E
	13-Mar-1888 00:00:00	PAPUA NEW GUINEA	15	-	UMBOI ISLAND, BISMARCK SEA	5.6° S / 148° E
	23-Dec-1930 00:00:00	PAPUA NEW GUINEA	6	-	LOU ISLAND, BISMARCK SEA	2.42° S / 147.33° E
	08-Sep-2002 18:59:00	PAPUA NEW GUINEA	5.5	-	KAIRIRU ISLAND, VICTORIA BAY	3.33° S / 143.52° E
	17-Jul-1998 00:00:00	PAPUA NEW GUINEA	4.5	-	TUMLEO ISLAND	3.11° S / 142.39° 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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