



**Region Selected** » Lower Left Latitude/Longitude: -24.8723 N° , -179.4314 E°  
 Upper Right Latitude/Longitude: -18.8723 N° , -173.4314 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
		07-Dec-2016 09:37:37	5	149.11	147km WSW of Vaini, Tonga	21.87° S / 176.43° W

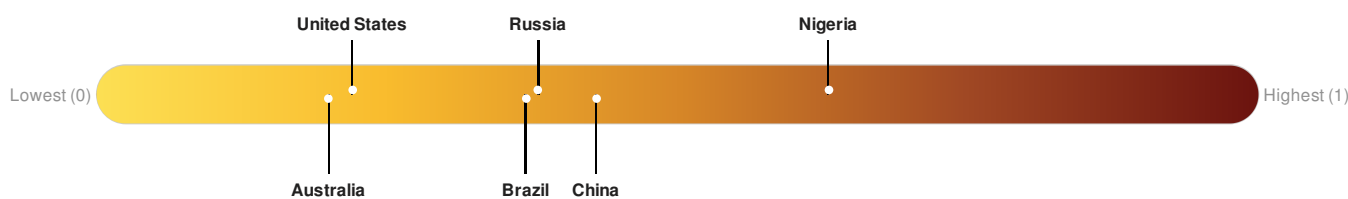
#### Active Bio Medical

Event	Severity	Date (UTC)	Name	Lat/Long
		08-Feb-2016 21:12:33	Zika Virus ? Pacific Islands	21.14° S / 175.21° W

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 **Tonga**.



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Source: [PDC](#)

### Regional Overview

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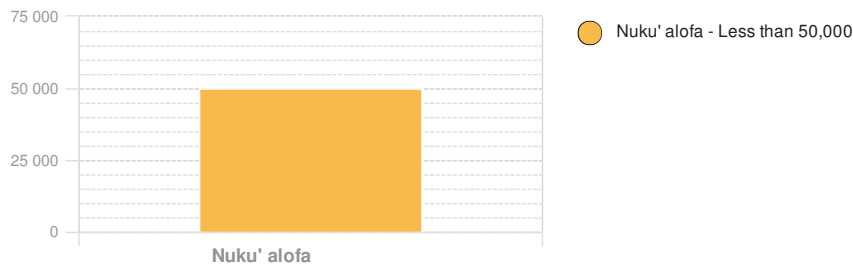
## Population Data:

2011

Total: 101,051

Max Density: 13,230 (ppl/km<sup>2</sup>)

## Populated Areas:



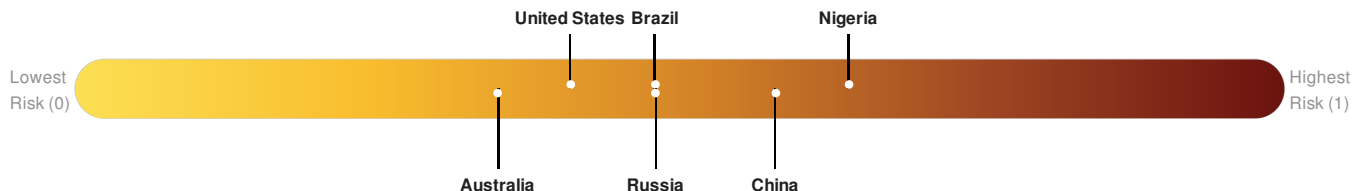
Source: [iSciences](#)

## Risk & Vulnerability

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## Multi Hazard Risk Index:

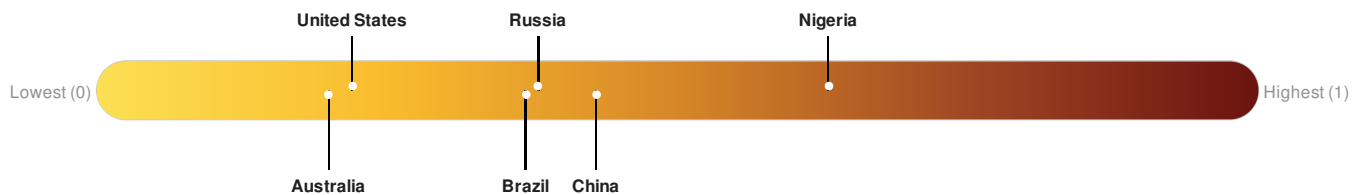
There was insufficient data to determine the Multi Hazard Risk Index score for **Tonga**.



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 **Tonga**.



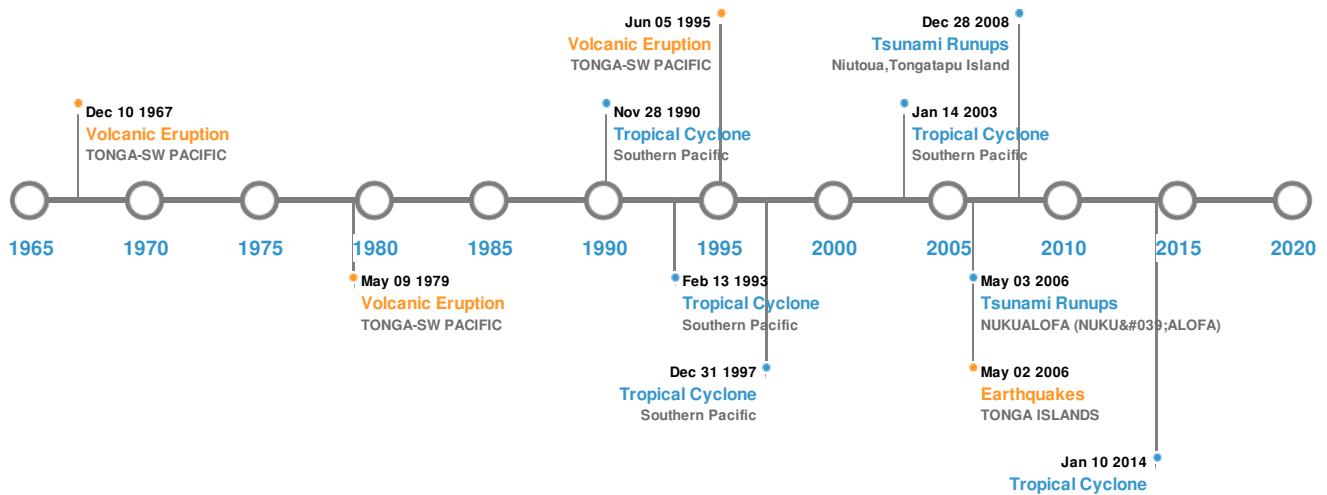
There was insufficient data to determine the Lack of Resilience Index score for **Tonga**.

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-1919 00:02:00	8.30	180	FIJI ISLANDS	19.5° S / 176.5° W
	16-Apr-1937 00:03:00	8.10	400	FIJI ISLANDS	21.5° S / 177° W
	04-Jan-1903 00:05:00	8.00	400	TONGA ISLANDS	20° S / 175° W
	18-Nov-1865 00:00:00	8.00	-	TONGA ISLANDS	19.5° S / 173.5° W
	03-May-2006 00:15:00	7.90	55	TONGA ISLANDS	20.19° S / 174.12° W

Source: [Earthquakes](#)

### Volcanic Eruptions:

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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	FALCON ISLAND	11-Oct-1885 00:00:00	3.00	TONGA-SW PACIFIC	20.31° S / 175.41° W
	METIS SHOAL	06-Jun-1995 00:00:00	2.00	TONGA-SW PACIFIC	19.18° S / 174.86° W
	METIS SHOAL	10-May-1979 00:00:00	2.00	TONGA-SW PACIFIC	19.18° S / 174.86° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	METIS SHOAL	11-Dec-1967 00:00:00	2.00	TONGA-SW PACIFIC	19.18° S / 174.86° W
	TOFUA	31-Dec-1958 00:00:00	2.00	TONGA-SW PACIFIC	19.75° S / 176.08° W

Source: [Volcanoes](#)

## Tsunami Runups:


### 5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	26-Jun-1917 00:00:00	TONGA	4.2	-	HAAPAI	19.78° S / 174.34° W
	10-May-1877 00:00:00	TONGA	3.6	-	TONGA ISLANDS	20.4° S / 174.6° W
	30-Apr-1919 07:53:00	TONGA	2.5	-	HAAPAI	19.78° S / 174.34° W
	29-Sep-2009 00:00:00	TONGA	0.78	-	Niutoua, Tongatapu Island	21.14° S / 175.04° W
	03-May-2006 16:00:00	TONGA	0.21	-	NUKUALOFA (NUKU&#039;ALOFA)	21.13° S / 175.17° W

Source: [Tsunamis](#)

## Tropical Cyclones:

### 5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	1997-12-20	01-Jan-1998 00:00:00 - 09-Jan-1998 12:00:00	161	No Data	Southern Pacific	22.67° S / 0°
	1990-11-23	23-Nov-1990 12:00:00 - 29-Nov-1990 06:00:00	144	No Data	Southern Pacific	14.13° S / 0°
	SEVEN	05-Jan-2014 00:00:00 - 11-Jan-2014 00:00:00	144	-	-	19.72° S / 175.01° W
	1993-02-03	03-Feb-1993 06:00:00 - 13-Feb-1993 18:00:00	132	No Data	Southern Pacific	19.15° S / 0°
	AMI	12-Jan-2003 06:00:00 - 14-Jan-2003 18:00:00	127	No Data	Southern Pacific	18.4° S / 0°

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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