<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	BELEM	ZULU	NAIROBI	BANGKOK
	Area Brief: General	<b>18:00:45</b>	<b>23:00:45</b>	01:00:45	<b>04:00:45</b>	<b>07:00:45</b>	<b>11:00:45</b>
	Executive Summary	12 Dec 2017	12 Dec 2017	13 Dec 2017	13 Dec 2017	13 Dec 2017	13 Dec 2017

Lower Left Latitude/Longitude: -5.951655834 N° , -49.893782606 E°

Region Selected » Lower Left Latitude/Longitude: 0.04834416600000013 N°, -43.893782606 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.

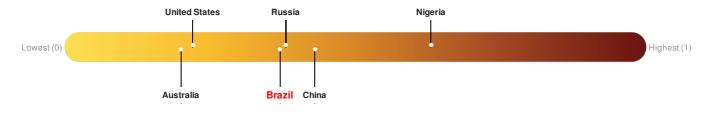
## **Current Hazards:**

Active Wild Fire						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	13-Dec-2017 04:00:10	Wildfire - E of Paragominas, Pará - Brazil	2.95° S/46.89° W		
Source: <u>PDC</u>						

## 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.

Brazil ranks 105 out of 165 countries assessed for Lack of Resilience. Brazil is less resilient than 37% of countries assessed. This indicates that Brazil has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



### Source: PDC



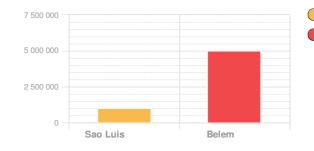
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# **Population Data:**

**Populated Areas:** 

2011

Total: 9, 612, 379 Max Density: 59, 327(ppl/km<sup>2</sup>)



Sao Luis - 500,000 to 999,999
Belem - 1,000,000 to 4,999,999

Source: <u>iSciences</u>

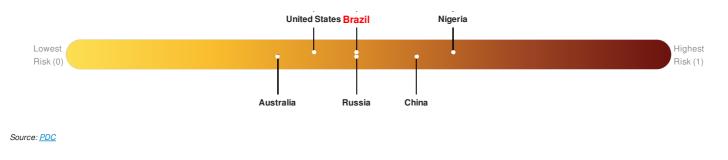
## **Risk & Vulnerability**

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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

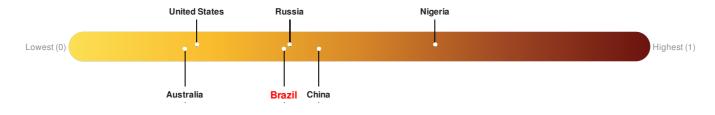
Multi-Hazard Exposure Brazil ranks 89 out of 165 countries assessed for Multi Hazard Risk. Brazil has a Multi Hazard Risk higher than 47% of countries assessed. This indicates that Brazil has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



# 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.

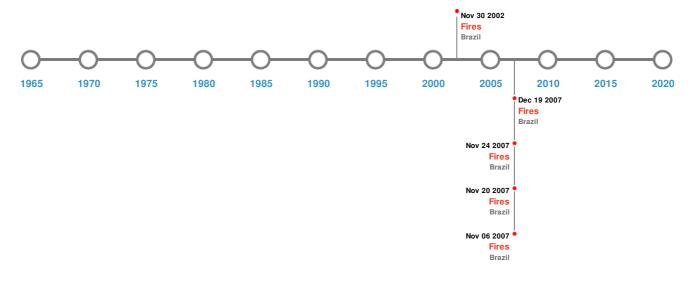
Brazil ranks 105 out of 165 countries assessed for Lack of Resilience. Brazil is less resilient than 37% of countries assessed. This indicates that Brazil has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: PDC

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## **Historical Hazards:**



## Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
	07-Aug-2007 00:00:00 - 19-Dec-2007 00:00:00	384.80	Brazil	4.78° S / 46.52° W			
	07-Sep-2002 00:00:00 - 08-Dec-2002 00:00:00	100.90	Brazil	4.53° S/48.78° W			
<b></b>	15-Aug-2007 00:00:00 - 06-Nov-2007 00:00:00	78.50	Brazil	5.19° S/45.4° W			
<b></b>	25-Aug-2007 00:00:00 - 20-Nov-2007 00:00:00	75.50	Brazil	5.25° S/46.6° W			
	21-Aug-2007 00:00:00 - 24-Nov-2007 00:00:00	67.00	Brazil	3.92° S / 47.3° W			

Source: Wildfires

**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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