

HONOLULU 18:16:03 13 Sep 2017 WASH.D.C. 00:16:03 14 Sep 2017 CUIABA 00:16:03 14 Sep 2017 ZULU 04:16:03 14 Sep 2017 NAIROBI 07:16:03 14 Sep 2017 BANGKOK 11:16:03 14 Sep 2017

Region Selected » Lower Left Latitude/Longitude: -19.777841441 N°, -64.04470234 E° Upper Right Latitude/Longitude: -13.777841441 N°, -58.04470234 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.

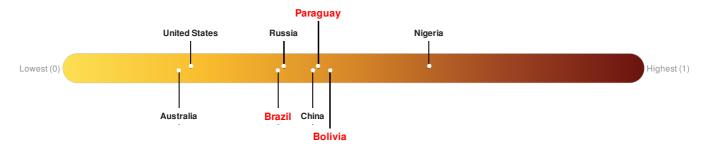
#### **Current Hazards:**

Active Wild Fire				
Event	Severity	Date (UTC)	Name	Lat/Long
<b>(</b>	•	14-Sep-2017 04:14:13	Wildfire - W of San Rafael, Santa Cruz - Bolivia	16.78° S/61.04° W
	0	03-Sep-2017 04:07:39	Wildfire - S of Puerto Suarez, Santa Cruz - Bolivia	19.03° S/58.28° W

# Lack of Resilience Index:

Source: PDC

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. **Bolivia** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46. **Brazil** ranks **105** out of **165** on the Lack of Resilience index with a score of 0.44.



Bolivia ranks 64 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 Recent Disaster Impacts, Infrastructure and Governance.

Brazil ranks 105 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 Marginalization, Governance and Infrastructure.

Paraguay ranks 79 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 Environmental Capacity, Infrastructure and Governance.

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#### **Regional Overview**

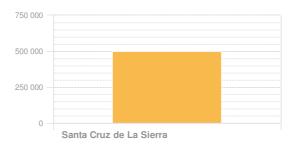
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# **Population Data:**

Total: 2, 317, 663

Max Density: 29, 579(ppl/km<sup>2</sup>)

# **Populated Areas:**



Santa Cruz de La Sierra - 250,000 to 499,999

Source: iSciences

#### **Risk & Vulnerability**

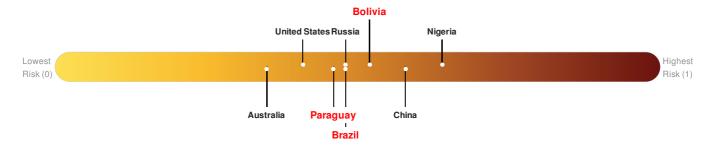
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

#### Multi Hazard Risk Index:

Bolivia ranks 66 out of 165 on the Multi-Hazard Risk Index with a score of 0.52. Bolivia is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

Brazil ranks 89 out of 165 on the Multi-Hazard Risk Index with a score of 0.48. Brazil is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

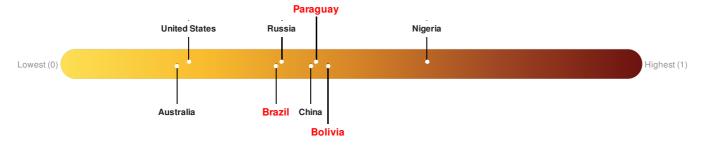
Paraguay ranks 103 out of 165 on the Multi-Hazard Risk Index with a score of 0.46. Paraguay is estimated to have relatively medium overall exposure, low vulnerability, and medium coping capacity.



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. **Bolivia** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46. **Brazil** ranks **105** out of **165** on the Lack of Resilience index with a score of 0.44.



Bolivia ranks 64 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 Recent Disaster Impacts, Infrastructure and Governance.

Brazil ranks 105 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 Marginalization, Governance and Infrastructure.

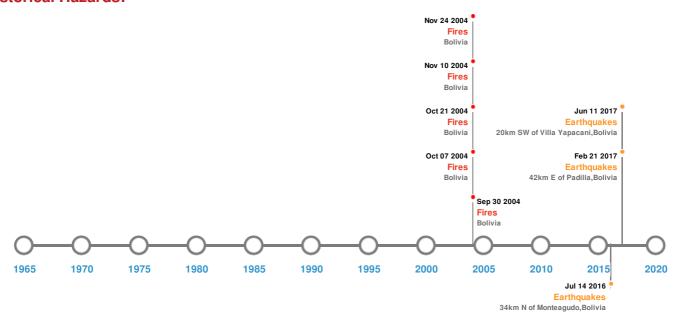
Paraguay ranks 79 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Infrastructure and Governance.

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
<b>*</b>	21-Feb-2017 14:09:04	6.50	597.91	42km E of Padilla, Bolivia	19.28° S / 63.9° W
<b>*</b>	11-Jun-2017 13:18:26	5.10	10	20km SW of Villa Yapacani, Bolivia	17.54° S / 63.96° W
<b>*</b>	14-Jul-2016 21:25:17	5.10	598.59	34km N of Monteagudo, Bolivia	19.51° S / 63.93° W

Source: Earthquakes

### Wildfires:

5 Largest Wildfires					
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long	
<b>*</b>	03-Jun-2004 00:00:00 - 09-Oct-2004 00:00:00	229.40	Bolivia	15.88° S / 62.58° W	
<b>*</b>	05-Apr-2004 00:00:00 - 21-Oct-2004 00:00:00	216.40	Bolivia	16.28° S/63.2° W	
<b>*</b>	06-Aug-2004 00:00:00 - 07-Oct-2004 00:00:00	209.30	Bolivia	15.4° S / 61.27° W	
	21-Jul-2004 00:00:00 - 10-Nov-2004 00:00:00	138.80	Bolivia	16.17° S / 62.78° W	

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
<b>*</b>	01-Jul-2004 00:00:00 - 24-Nov-2004 00:00:00	89.80	Bolivia	15.43° S/63.8° 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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