



**Pacific Disaster Center**  
*Area Brief: General*  
*Executive Summary*

HONOLULU  
 18:02:47  
 16 Oct 2017

WASH.D.C.  
 00:02:47  
 17 Oct 2017

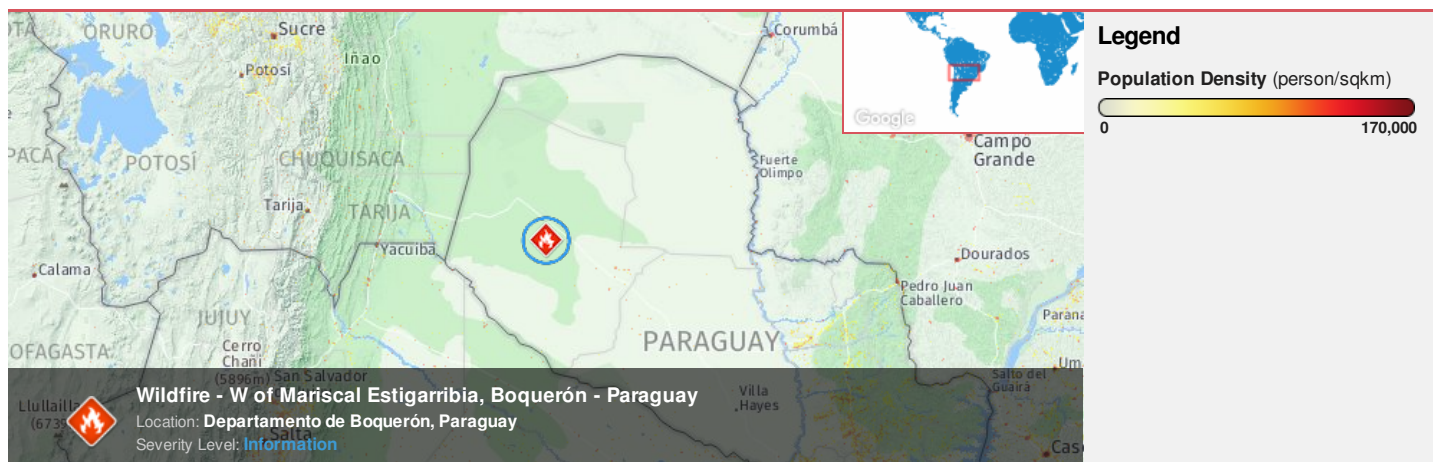
ARGENTINA/JUJUY  
 01:02:47  
 17 Oct 2017

ZULU  
 04:02:47  
 17 Oct 2017

NAIROBI  
 07:02:47  
 17 Oct 2017

BANGKOK  
 11:02:47  
 17 Oct 2017

**Region Selected** » Lower Left Latitude/Longitude: -24.956814386 N° , -64.105217136 E°  
 Upper Right Latitude/Longitude: -18.956814386 N° , -58.105217136 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:

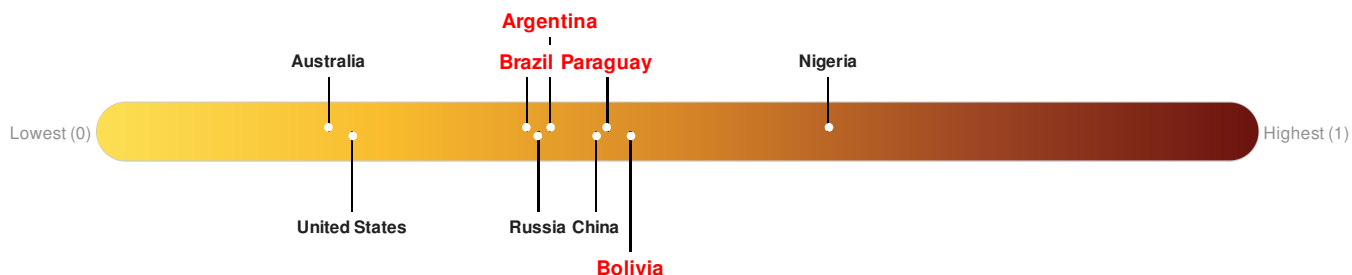
#### Active Wild Fire

Event	Severity	Date (UTC)	Name	Lat/Long
		17-Oct-2017 03:59:35	Wildfire - W of Mariscal Estigarribia, Boquerón - Paraguay	21.96° S / 61.11° 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. **Argentina** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.39. **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 0.37. **Paraguay** ranks **79** out of **165** on the Lack of Resilience index with a score of 0.44.



**Argentina** ranks **92** 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, Governance and Marginalization.

**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.

## Regional Overview

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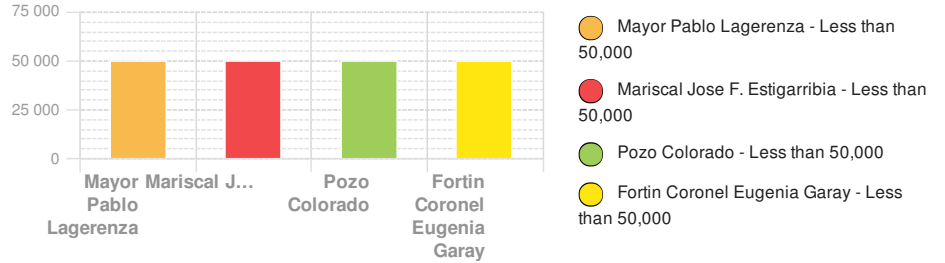
### Population Data:

**2011**

**Total: 768, 401**

**Max Density: 8, 291 (ppl/km<sup>2</sup>)**

### Populated Areas:



Source: [iSciences](#)

## Risk & Vulnerability

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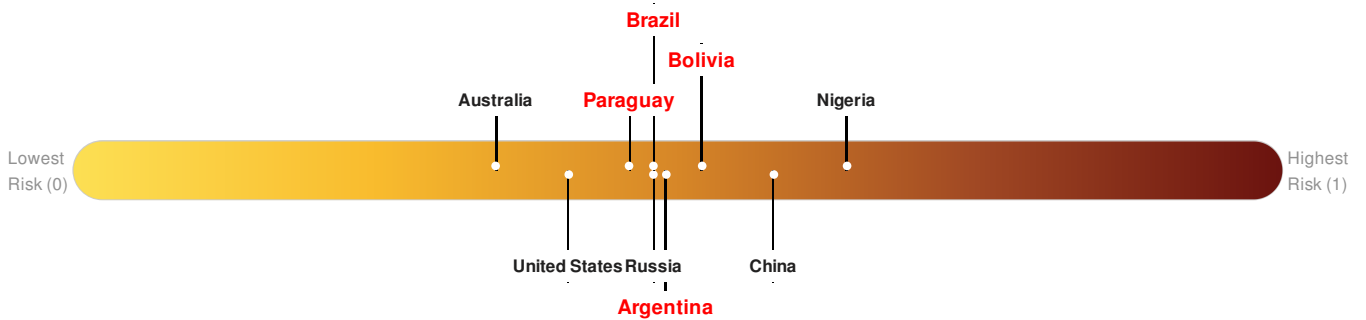
### Multi Hazard Risk Index:

**Argentina** ranks **81** out of **165** on the Multi-Hazard Risk Index with a score of 0.49. Argentina is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

**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.

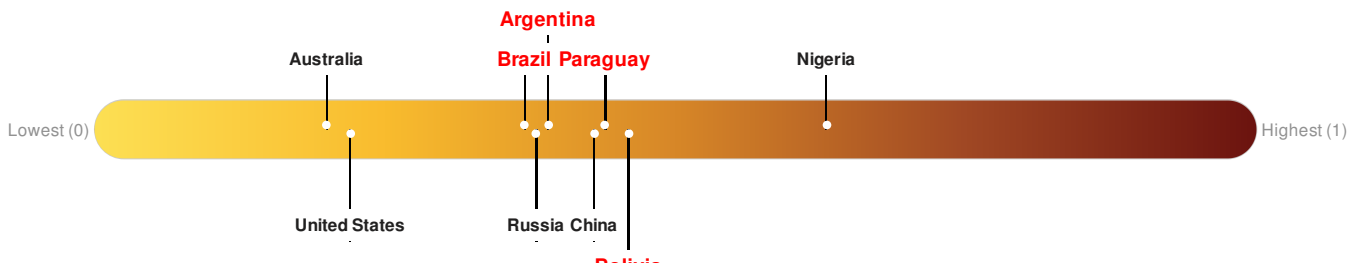
**Paraguay** ranks **103** out of **165** on the Multi-Hazard Risk Index with a score of 0.46. Paraguay is estimated to have relatively medium overall exposure, low vulnerability, and medium coping capacity.



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. **Argentina** ranks **92** out of **165** on the Lack of Resilience index with a score of 0.39. **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 0.37. **Paraguay** ranks **79** out of **165** on the Lack of Resilience index with a score of 0.44.



## BOLIVIA

**Argentina** ranks **92** 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, Governance and Marginalization.

**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.

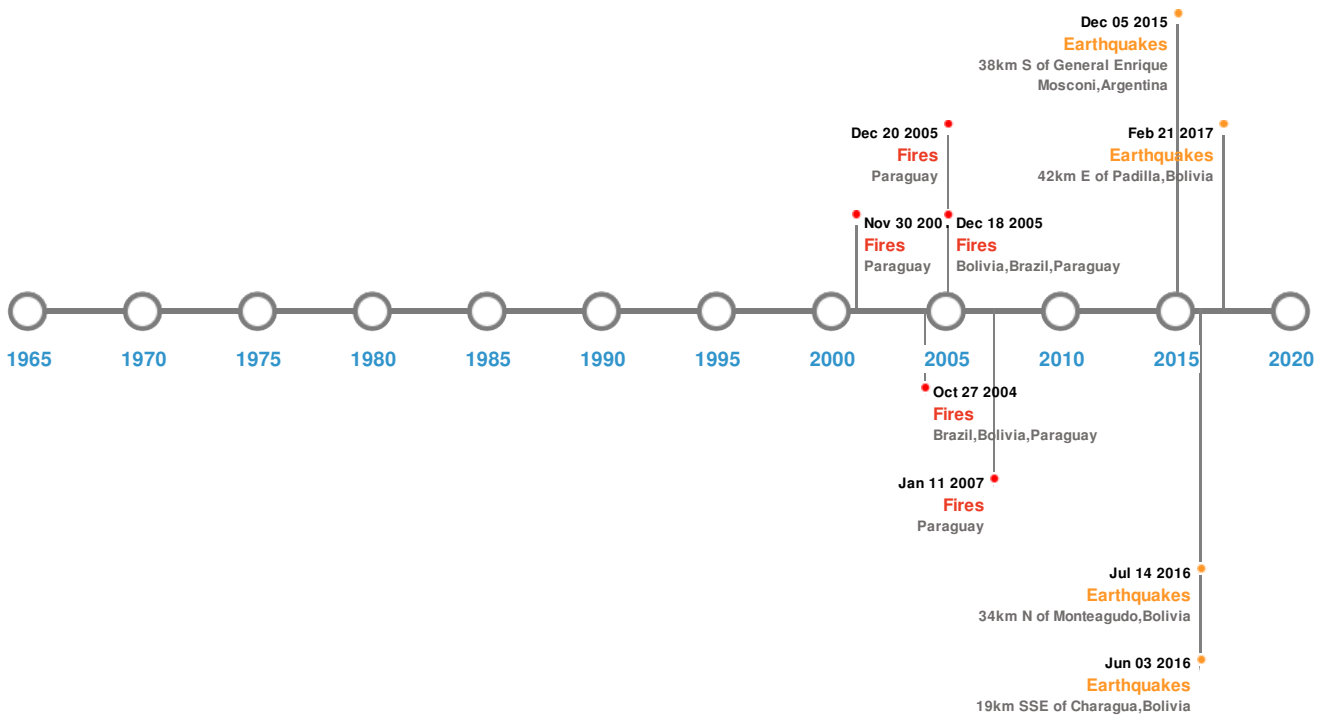
**Paraguay** ranks **79** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Infrastructure and Governance.

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
	23-Mar-1899 00:18:00	6.90	10	BOLIVIA: SOUTHERN	21.97° S / 63.67° W
	21-Feb-2017 14:09:04	6.50	597.91	42km E of Padilla, Bolivia	19.28° S / 63.9° W
	14-Jul-2016 21:25:17	5.10	598.59	34km N of Monteagudo, Bolivia	19.51° S / 63.93° W
	05-Sep-2016 23:23:57	4.70	537.61	38km S of General Enrique Mosconi, Argentina	22.94° S / 63.81° W
	03-Jun-2016 20:17:05	4.60	580.41	19km SSE of Charagua, Bolivia	19.98° S / 63.18° W

Source: [Earthquakes](#)

### Wildfires:

#### 5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	18-Jul-2006 00:00:00 - 20-Sep-2006 00:00:00	142.30	Paraguay	20.48° S / 58.7° W
	28-Jan-2006 00:00:00 - 11-Jan-2007 00:00:00	70.30	Paraguay	23.23° S / 60.57° W

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	07-Aug-2002 00:00:00 - 09-Sep-2002 00:00:00	65.20	Paraguay	20.16° S / 58.61° W
	04-Jan-2004 00:00:00 - 27-Oct-2004 00:00:00	49.90	Brazil,Bolivia,Paraguay	19.87° S / 58.12° W
	31-Jul-2005 00:00:00 - 18-Dec-2005 00:00:00	41.70	Bolivia,Brazil,Paraguay	20.04° S / 58.07° W

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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