A Pacific Disaster Center	HONOLULU	WASH.D.C.	ASUNCION	ZULU	NAIROBI	BANGKOK
Area Brief: General	18:01:58	00:01:58	00:01:58	04:01:58	07:01:58	11:01:58
Executive Summarv	28 Sep 2016	29 Sep 2016				



Lower Left Latitude/Longitude: -29.194423095 N°, -64.266798092 E° Upper Right Latitude/Longitude: -23.194423095 N°, -58.266798092 E°



Situational Awareness

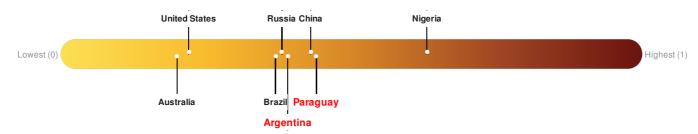
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Event	Severity	Date (UTC)	Name	Lat/Long
	0	29-Sep-2016 03:58:05	Wildfire - N of Pampa del Infierno, Chaco - Argentina	26.19° S/61.27° W
	0	28-Sep-2016 03:51:58	Wildfire - N of Monte Quemado, Santiago del Estero - Argentina	25.05° S/63.34° W

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. 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.

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: <u>PDC</u>

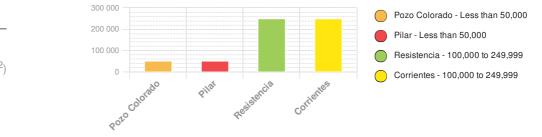
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Population Data:



Total: 2, 927, 791 Max Density: 21, 902(ppl/km²)





Source: <u>iSciences</u>

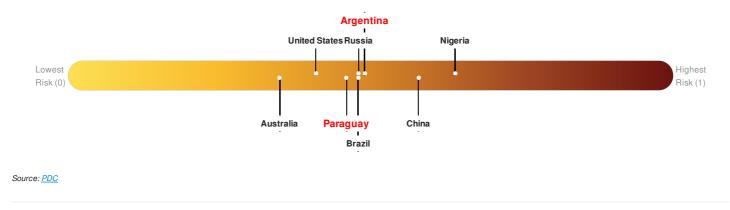
Risk & Vulnerability

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Multi Hazard Risk Index:

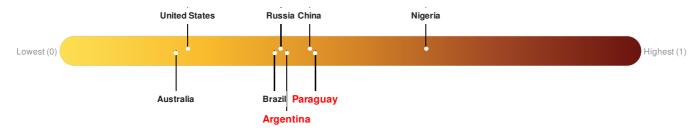
Argentina ranks 81 out of 165 on the Multi-Hazard Risk Index with a score of 0.49. Argentina is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

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.



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. Paraguay ranks 79 out of 165 on the Lack of Resilience index with a score of 0.44.



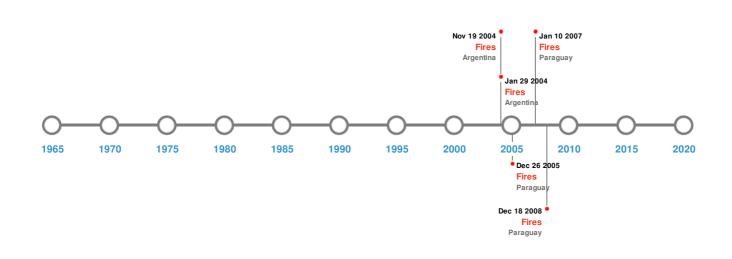
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Paraguay ranks 79 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Infrastructure and Governance.

Source: PDC

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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	
	28-Jan-1947 00:00:00	7.50	-	ARGENTINA: SANTIAGO DEL ESTERO PROVINCE	26.5° S/63° W	
	21-Jun-1916 00:21:00	7.50	600	ARGENTINA	28.5° S/63° W	
	07-Dec-1912 00:22:00	7.50	620	ARGENTINA: SANTIAGO DEL ESTERO PROVINCE	29° S/62.5° W	

Source: Earthquakes

Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
	28-Jan-2006 00:00:00 - 11-Jan-2007 00:00:00	70.30	Paraguay	23.23° S / 60.57° W			
	27-May-2003 00:00:00 - 30-Jan-2004 00:00:00	39.30	Argentina	24.48° S/63.57° W			
	17-Jul-2006 00:00:00 - 27-Sep-2006 00:00:00	32.20	Paraguay	23.49° S/60.81° W			
	11-Apr-2008 02:30:00 - 19-Dec-2008 02:55:00	22.70	Paraguay	23.3° S/60.66° W			
	13-Jul-2004 00:00:00 - 20-Nov-2004 00:00:00	22.20	Argentina	28.43° S / 62.35° W			

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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