A Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	MADRID	NAIROBI	BANGKOK
Area Brief: General	18:01:00	00:01:00	04:01:00	06:01:00 13 Oct 2017	07:01:00	11:01:00
Executive Summary			13 Oct 2017	13 Oct 2017	13 Oct 2017	13





Situational Awareness

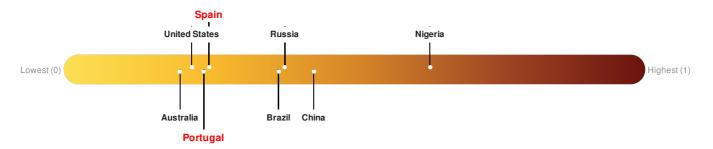
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Current Hazards:**

Active	Active Wild Fire							
Event	Severity	Date (UTC)	Name	Lat/Long				
	1	13-Oct-2017 03:57:15	Wildfire - SW of Oviedo, Principado de Asturias - Spain	42.95° N / 6.58° W				
	1	06-Oct-2017 03:57:25	Wildfire - N of Viseu - Portugal	41.66° N / 7.74° W				
Source: <u>PDC</u>								

### 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. **Spain** ranks **137** out of **165** on the Lack of Resilience index with a score of 0.25. **Portugal** ranks **140** out of **165** on the Lack of Resilience index with a score of 0.24.



Spain ranks 137 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, Environmental Stress and Marginalization.

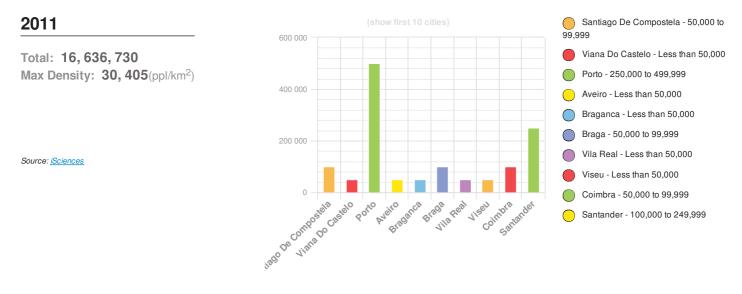
Portugal ranks 140 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Environmental Stress and Info Access Vulnerability.

Source: <u>PDC</u>

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#### **Population Data:**

**Populated Areas:** 



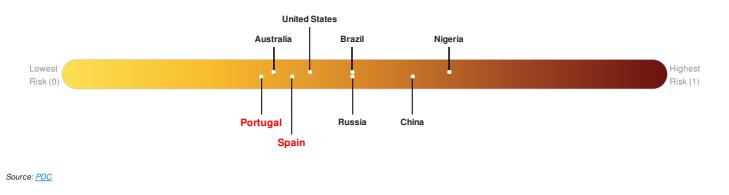
#### **Risk & Vulnerability**

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#### **Multi Hazard Risk Index:**

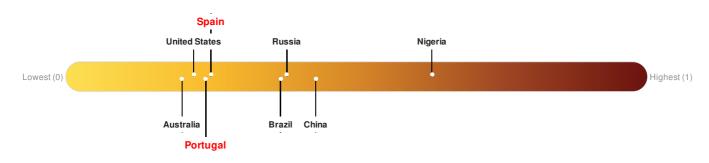
Spain ranks 132 out of 165 on the Multi-Hazard Risk Index with a score of 0.38. Spain is estimated to have relatively high overall exposure, very low vulnerability, and high coping capacity.

Portugal ranks 147 out of 165 on the Multi-Hazard Risk Index with a score of 0.33. Portugal is estimated to have relatively medium overall exposure, very low vulnerability, and high 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. Spain ranks 137 out of 165 on the Lack of Resilience index with a score of 0.25. Portugal ranks 140 out of 165 on the Lack of Resilience index with a score of 0.24.



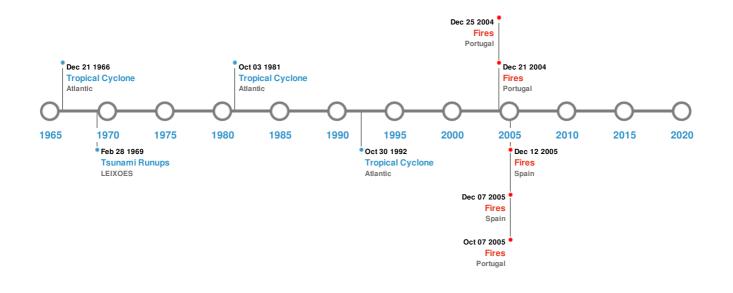
Spain ranks 137 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Environmental Stress and Marginalization.

**Portugal** ranks **140** 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, Environmental Stress and Info Access Vulnerability.

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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-Apr-1752 00:00:00	0.00	-	PORTUGAL: BUARCOS, AVEIRO	40.4° N / 8.7° W			

Source: Earthquakes

## **Tsunami Runups:**

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
	28-Feb-1969 00:00:00	PORTUGAL	0.45	-	LEIXOES	41.19° N / 8.7° W		
	31-Mar-1761 00:00:00	SPAIN	-	-	CABO FINSTERRE, SPAIN	42.88° N / 9.27° W		

Source: <u>Tsunamis</u>

### Wildfires:

5 Large	5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long				
	07-Jun-2005 00:00:00 - 25-Aug-2005 00:00:00	57.30	Portugal	41.84° N/8.7° W				

Even	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
-	16-Jul-2006 00:00:00 - 07-Sep-2006 00:00:00	50.50	Spain	42.74° N / 8.69° W
	04-Aug-2006 00:00:00 - 12-Aug-2006 00:00:00	50.10	Spain	42.45° N / 8.57° W
	08-Jul-2005 00:00:00 - 07-Oct-2005 00:00:00	41.10	Portugal	40.89° N / 8.15° W
	21-Jul-2005 00:00:00 - 21-Aug-2005 00:00:00	36.40	Portugal	40.09° N / 7.84° W

Source: <u>Wildfires</u>

# **Tropical Cyclones:**

5 Large	5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long	
٢	IRENE	21-Sep-1981 18:00:00 - 03-Oct-1981 06:00:00	121	No Data	Atlantic	28.44° N / 30.6° W	
٢	CHLOE	05-Sep-1967 06:00:00 - 21-Sep-1967 18:00:00	109	No Data	Atlantic	29.78° N / 28.15° W	
٢	FRANCES	22-Oct-1992 18:00:00 - 30-Oct-1992 00:00:00	86	976	Atlantic	36.68° N / 34.2° W	

Source: Tropical Cyclones

#### 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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