

HONOLULU 18:01:53 23 Jul 2017 WASH.D.C. 00:01:53 24 Jul 2017 ZULU **04:01:53** 24 Jul 2017 LISBON 05:01:53 24 Jul 2017 NAIROBI 07:01:53 24 Jul 2017 BANGKOK 11:01:53 24 Jul 2017

Region Selected » Lower Left Latitude/Longitude: 36.733356036 N°, -10.904024128 E° Upper Right Latitude/Longitude: 42.733356036 N°, -4.904024128 E°



#### **Situational Awareness**

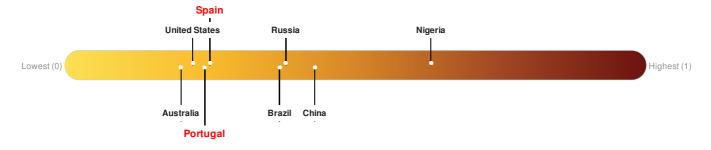
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

#### **Current Hazards:**

Active Wild Fire						
Event	Severity	Date (UTC)	Name	Lat/Long		
	1	24-Jul-2017 03:59:39	Wildfire - W of Castelo Branco - Portugal	39.73° N / 7.9° 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. **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: PDC

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# **Population Data:**

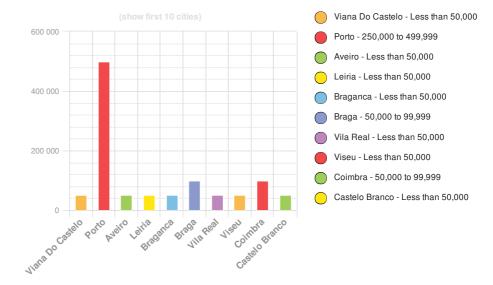
## 2011

Total: 16, 107, 666

**Max Density: 31, 875**(ppl/km<sup>2</sup>)

Source: iSciences

## **Populated Areas:**



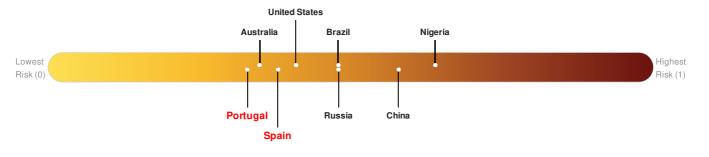
#### **Risk & Vulnerability**

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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.

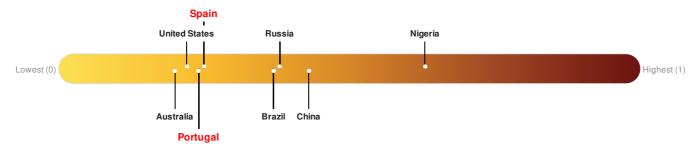
Portugal ranks 147 out of 165 on the Multi-Hazard Risk Index with a score of 0.33. Portugal is estimated to have relatively medium overall exposure, very low vulnerability, and high coping capacity.



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. **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.

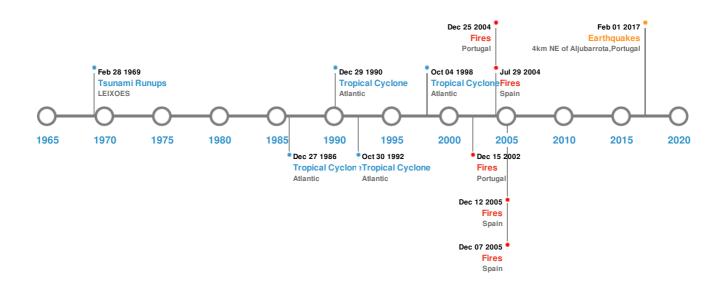
Portugal ranks 140 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Environmental Stress and Info Access Vulnerability.

Source: 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>	23-Apr-1909 00:17:00	6.60	-	PORTUGAL: RIBATEJO, BENAVENTE	38.9° N / 8.8° W		
<b>*</b>	01-Feb-2017 23:22:31	3.60	11.19	4km NE of Aljubarrota, Portugal	39.6° N / 8.89° W		
<b></b>	11-Nov-1858 00:06:00	0.00	-	PORTUGAL: SETUBAL	38.2° N / 9° W		
<b>♦</b>	12-Jan-1856 00:10:00	0.00	-	PORTUGAL: TAVIRA, ALGARVE	37.1° N / 8° W		
<b>*</b>	19-Dec-1847 00:06:00	0.00	-	PORTUGAL: LISBON	38.7° N / 9.2° W		

Source: Earthquakes

# Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
<b>♦</b>	01-Nov-1755 00:00:00	PORTUGAL	30	-	LAGOS	37.1° N / 8.67° W
	01-Nov-1755 00:00:00	PORTUGAL	12.2	-	LISBON	38.72° N / 9.13° W

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	31-Mar-1761 00:00:00	PORTUGAL	2.4	-	LISBON	38.73° N / 9.13° W
<b>\$</b>	28-Feb-1969 00:00:00	PORTUGAL	0.45	-	LEIXOES	41.19° N / 8.7° W
<b>\$</b>	18-Nov-1929 00:00:00	PORTUGAL	-	-	LAGOS	37.1° N / 8.67° W

Source: <u>Tsunamis</u>

# Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
<b>⋄</b>	10-Jul-2003 00:00:00 - 15-Sep-2003 00:00:00	67.80	Portugal	37.31° N / 8.58° W		
<b>⋄</b>	07-Jun-2005 00:00:00 - 25-Aug-2005 00:00:00	57.30	Portugal	41.84° N / 8.7° W		
<b>⋄</b>	16-Jul-2006 00:00:00 - 07-Sep-2006 00:00:00	50.50	Spain	42.74° N / 8.69° W		
<b>⋄</b>	04-Aug-2006 00:00:00 - 12-Aug-2006 00:00:00	50.10	Spain	42.45° N / 8.57° W		
<b>*</b>	30-Jun-2004 00:00:00 - 29-Jul-2004 00:00:00	42.90	Spain	37.56° N / 6.4° W		

Source: Wildfires

# **Tropical Cyclones:**

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	вов	16-Aug-1991 06:00:00 - 29-Aug-1991 00:00:00	115	950	Atlantic	38.29° N / 43.5° W
	DOLLY	08-Sep-1953 12:00:00 - 17-Sep-1953 18:00:00	115	No Data	Atlantic	30.72° N / 40.55° W
	JEANNE	21-Sep-1998 12:00:00 - 04-Oct-1998 12:00:00	104	969	Atlantic	24.09° N / 23.5° W
	FRANCES	22-Oct-1992 18:00:00 - 30-Oct-1992 00:00:00	86	976	Atlantic	36.68° N / 34.2° W
	ARLENE	08-Aug-1987 06:00:00 - 27-Aug-1987 18:00:00	75	987	Atlantic	37.28° N / 41.1° W

Source: Tropical Cyclones

# **Disclosures**

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<sup>\*</sup> 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.

