

MASH.D.C. 36:48 16:36:48 0ct 2018 13 Oct 2018 ZULU 20:36:48 13 Oct 2018 LISBON 21:36:48 13 Oct 2018 NAIROBI 23:36:48 13 Oct 2018 BANGKOK 03:36:48 14 Oct 2018

Region Selected » Lower Left Latitude/Longitude: 37.5 N°, -12.5 E° Upper Right Latitude/Longitude: 43.5 N°, -6.5 E°



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 High Winds							
Event	Severity	Date (UTC)	Name	Lat/Long			
	0	13-Oct-2018 18:45:02	High Wind - Portugal	40.01° N / 8.21° W			

Active	Active Tropical Cyclones									
Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
	0	Tropical Cyclone - Leslie	69	86	NE	35	70	Tropical Storm	984 mb	40.5° N / 9.5° W

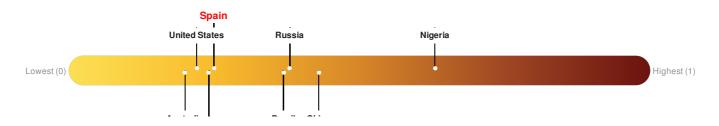
Source: PDC

#### Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Spain ranks 137 out of 164 countries assessed for Lack of Resilience. Spain is less resilient than 17% of countries assessed. This indicates that Spain has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.

Portugal ranks 140 out of 164 countries assessed for Lack of Resilience. Portugal is less resilient than 15% of countries assessed. This indicates that Portugal has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.



Source: PDC

#### **Regional Overview**

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### **Population Data:**

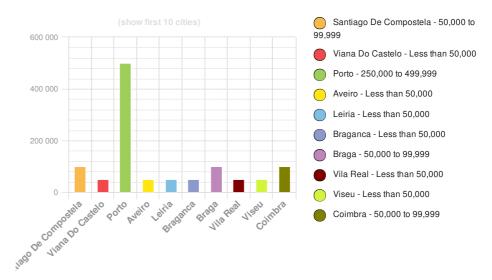
## 2011

Total: 12, 869, 518

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

Source: iSciences

## **Populated Areas:**



#### **Risk & Vulnerability**

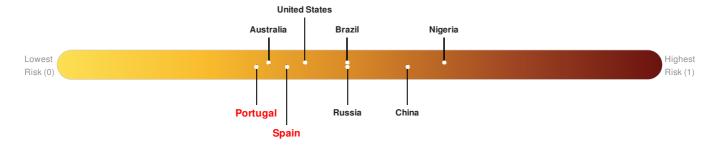
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### Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Spain ranks 80 out of 164 countries assessed for Multi Hazard Risk. Spain has a Multi Hazard Risk higher than 20% of countries assessed. This indicates that Spain has a low likelihood of loss and/or disruption to normal function if exposed to a hazard.

Portugal ranks 89 out of 164 countries assessed for Multi Hazard Risk. Portugal has a Multi Hazard Risk higher than 11% of countries assessed. This indicates that Portugal has a low likelihood of loss and/or disruption to normal function if exposed to a hazard.



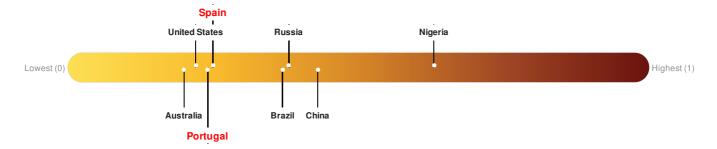
Source: PDC

## Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Spain ranks 137 out of 164 countries assessed for Lack of Resilience. Spain is less resilient than 17% of countries assessed. This indicates that Spain has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.

Portugal ranks 140 out of 164 countries assessed for Lack of Resilience. Portugal is less resilient than 15% of countries assessed. This indicates that Portugal has low susceptibility to negative impacts, and is better able to respond to and recover from a disruption to normal function.

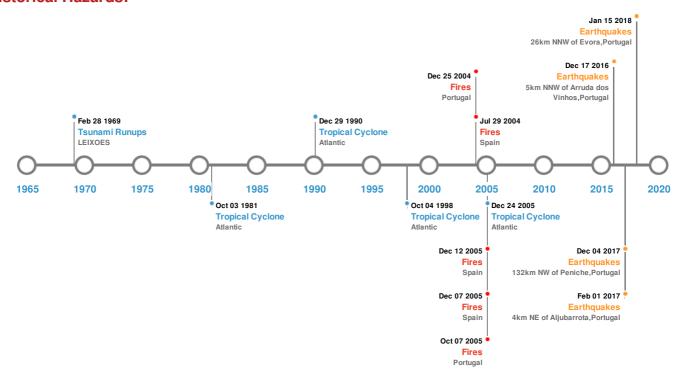


Source: PDC

#### **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>	04-Sep-2018 06:12:55	4.80	10	132km NW of Peniche, Portugal	40.16° N / 10.52° W			
<b>*</b>	17-Aug-2017 06:44:56	4.20	10	5km NNW of Arruda dos Vinhos, Portugal	39.03° N / 9.09° W			
<b>♦</b>	15-Jan-2018 11:51:38	4.10	10	26km NNW of Evora, Portugal	38.79° N / 7.97° W			
<b>*</b>	01-Feb-2017 23:22:31	3.60	11.19	4km NE of Aljubarrota, Portugal	39.6° N / 8.89° 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	12.2	-	LISBON	38.72° N / 9.13° W	
	31-Mar-1761 00:00:00	PORTUGAL	2.4	-	LISBON	38.73° N / 9.13° W	

Event	Date (UTC)	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
<b>\$</b>	31-Mar-1761 00:00:00	SPAIN	-	-	CABO FINSTERRE, SPAIN	42.88° N / 9.27° W
<b>\$</b>	26-Jan-1531 00:00:00	PORTUGAL	-	-	LISBON	38.72° N / 9.13° W

Source: <u>Tsunamis</u>

## Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
<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			
<b>*</b>	08-Jul-2005 00:00:00 - 07-Oct-2005 00:00:00	41.10	Portugal	40.89° N / 8.15° W			

Source: Wildfires

# **Tropical Cyclones:**

5 Large	5 Largest Tropical Cyclones							
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		
	GORDON	11-Sep-2006 00:00:00 - 24-Sep-2006 18:00:00	121	955	Atlantic	38.16° N / 32.85° W		
	IRENE	21-Sep-1981 18:00:00 - 03-Oct-1981 06:00:00	121	No Data	Atlantic	28.44° N / 30.6° W		
	DOLLY	08-Sep-1953 12:00:00 - 17-Sep-1953 18:00:00	115	No Data	Atlantic	30.72° N / 40.55° W		
	ВОВ	16-Aug-1991 06:00:00 - 29-Aug-1991 00:00:00	115	950	Atlantic	38.29° N / 43.5° W		
	JEANNE	21-Sep-1998 12:00:00 - 04-Oct-1998 12:00:00	104	969	Atlantic	24.09° N / 23.5° 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.

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