<u>^</u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	PRAGUE	NAIROBI	BANGKOK
	Area Brief: General	<b>18:46:48</b>	<b>00:46:48</b>	<b>04:46:48</b>	<b>06:46:48</b>	<b>07:46:48</b>	<b>11:46:48</b>
	Executive Summary	19 Jul 2018	20 Jul 2018				

Region Selected » Lower Left Latitude/Longitude: 48.5099 N°, 13.0978 E° Upper Right Latitude/Longitude: 54.5099 N°, 19.0978 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:**

Recent Earthquakes							
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long	
	0	20-Jul-2018 04:46:25	5	5.43	1km ENE of Polkowice, Poland	51.51° N / 16.1° E	
Source: <u>PDC</u>							

## 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.

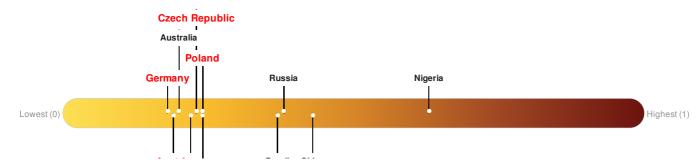
Austria ranks 156 out of 165 countries assessed for Lack of Resilience. Austria is less resilient than 6% of countries assessed. This indicates that Austria has very low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Czech Republic ranks 148 out of 165 countries assessed for Lack of Resilience. Czech Republic is less resilient than 11% of countries assessed. This indicates that Czech Republic has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Germany ranks 157 out of 165 countries assessed for Lack of Resilience. Germany is less resilient than 5% of countries assessed. This indicates that Germany has very low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Poland ranks 140 out of 165 countries assessed for Lack of Resilience. Poland is less resilient than 16% of countries assessed. This indicates that Poland has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Slovakia ranks 140 out of 165 countries assessed for Lack of Resilience. Slovakia is less resilient than 16% of countries assessed. This indicates that Slovakia has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.





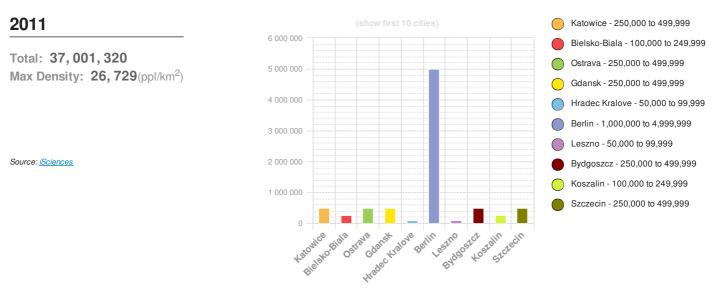
Source: PDC

#### **Regional Overview**

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## **Population Data:**

### **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

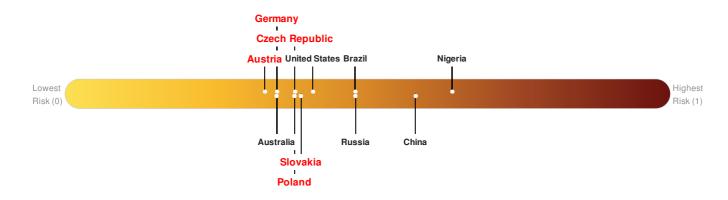
Multi-Hazard Exposure Austria ranks 147 out of 165 countries assessed for Multi Hazard Risk. Austria has a Multi Hazard Risk higher than 11% of countries assessed. This indicates that Austria has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Czech Republic ranks 132 out of 165 countries assessed for Multi Hazard Risk. Czech Republic has a Multi Hazard Risk higher than 20% of countries assessed. This indicates that Czech Republic has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Germany** ranks **142** out of **165** countries assessed for Multi Hazard Risk. Germany has a Multi Hazard Risk higher than 14% of countries assessed. This indicates that Germany has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Poland** ranks **132** out of **165** countries assessed for Multi Hazard Risk. Poland has a Multi Hazard Risk higher than 20% of countries assessed. This indicates that Poland has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Slovakia** ranks **127** out of **165** countries assessed for Multi Hazard Risk. Slovakia has a Multi Hazard Risk higher than 24% of countries assessed. This indicates that Slovakia has less likelihood of loss and/or disruption to normal function if exposed to a hazard.



## 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.

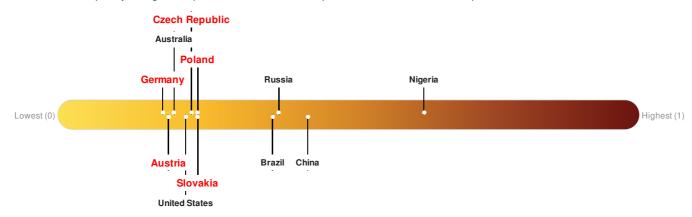
Austria ranks 156 out of 165 countries assessed for Lack of Resilience. Austria is less resilient than 6% of countries assessed. This indicates that Austria has very low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Czech Republic ranks 148 out of 165 countries assessed for Lack of Resilience. Czech Republic is less resilient than 11% of countries assessed. This indicates that Czech Republic has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Germany ranks 157 out of 165 countries assessed for Lack of Resilience. Germany is less resilient than 5% of countries assessed. This indicates that Germany has very low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Poland ranks 140 out of 165 countries assessed for Lack of Resilience. Poland is less resilient than 16% of countries assessed. This indicates that Poland has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

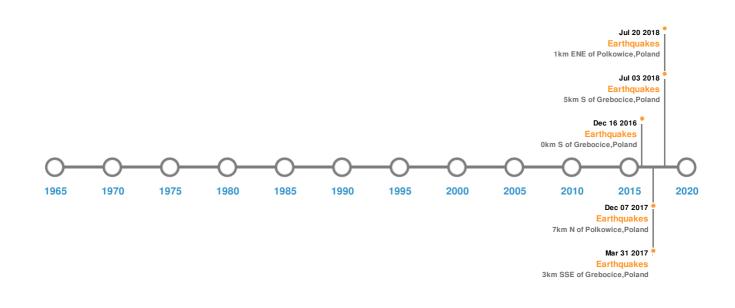
Slovakia ranks 140 out of 165 countries assessed for Lack of Resilience. Slovakia is less resilient than 16% of countries assessed. This indicates that Slovakia has low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: <u>PDC</u>

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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	
	20-Jul-2018 03:31:31	5.00	5.43	1km ENE of Polkowice, Poland	51.51° N / 16.1° E	
	07-Dec-2017 17:42:50	4.50	10	7km N of Polkowice, Poland	51.57° N / 16.08° E	
	16-Dec-2016 06:46:51	4.50	5.51	0km S of Grebocice, Poland	51.59° N / 16.17° E	
	03-Jul-2018 19:38:49	4.40	8.84	5km S of Grebocice, Poland	51.55° N / 16.17° E	
	08-Apr-2017 22:23:12	4.30	11.14	3km SSE of Grebocice, Poland	51.57° N / 16.19° E	

Source: Earthquakes

### **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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