Pacific Disaster Center
Area Brief: General Executive Summary

HONOLULU	WASH.D.C.	ZULU	BAGHDAD	NAIROBI	BANGKOK
04:55:53	09:55:53	14:55:53	17:55:53	17:55:53	21:55:53
11 Dec 2017	11 Dec 2017	11 Dec 2017	11 Dec 2017	11 Dec 2017	11 Dec 2017

Region Selected » Lower Left Latitude/Longitude: 32.064 N˚ , 42.7453 E˚
Upper Right Latitude/Longitude: 38.064 N˚ , 48.7453 E˚

Legend

Population Density (person/sqkm)

0   170,000

Earthquake - 5.4 - 25km WSW of Halabjah, Iraq
Location: **Iraq**
Severity Level: **Advisory**

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

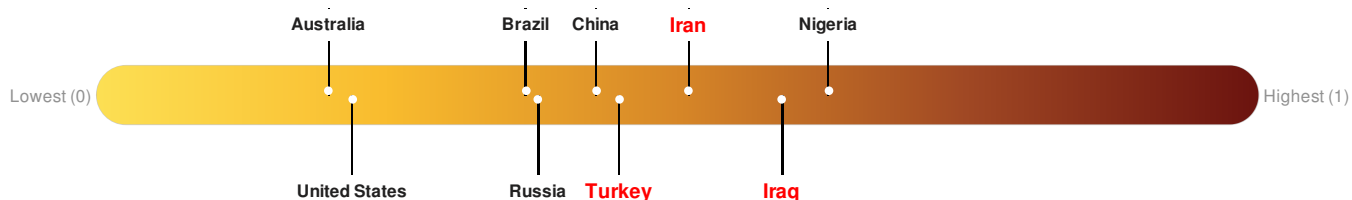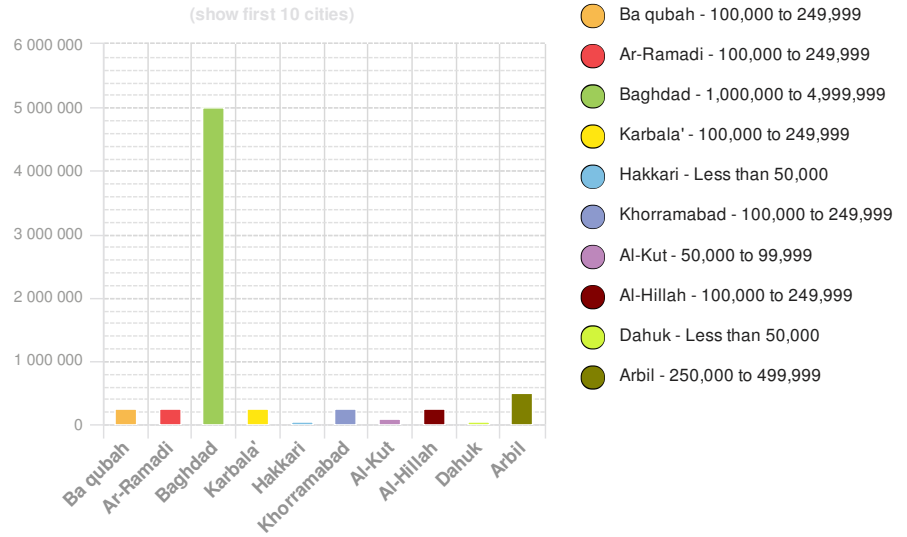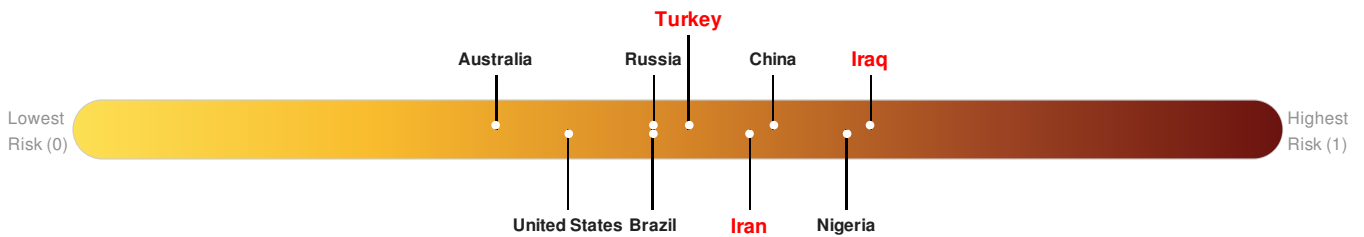| Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		11-Dec-2017 14:27:39	5.4	16.98	25km WSW of Halabjah, Iraq	35.06° N / 45.75° E

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.

Iran ranks **51** out of **165** countries assessed for Lack of Resilience. Iran is less resilient than 70% of countries assessed. This indicates that Iran has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Iraq ranks **23** out of **165** countries assessed for Lack of Resilience. Iraq is less resilient than 87% of countries assessed. This indicates that Iraq has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Turkey ranks **71** out of **165** countries assessed for Lack of Resilience. Turkey is less resilient than 57% of countries assessed. This indicates that Turkey has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Lowest (0)   Highest (1)

Source: PDC

Regional Overview

Population Data:

2011

Total: **29, 344, 238**
Max Density: **42, 389** (ppl/km^2)

Source: iSciences

Populated Areas:

(show first 10 cities)

- Ba qubah - 100,000 to 249,999
- Ar-Ramadi - 100,000 to 249,999
- Baghdad - 1,000,000 to 4,999,999
- Karbala' - 100,000 to 249,999
- Hakkari - Less than 50,000
- Khorramabad - 100,000 to 249,999
- Al-Kut - 50,000 to 99,999
- Al-Hillah - 100,000 to 249,999
- Dahuk - Less than 50,000
- Arbil - 250,000 to 499,999

Risk & Vulnerability

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 **Iran** ranks **40** out of **165** countries assessed for Multi Hazard Risk. Iran has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Iran has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Iraq** ranks **7** out of **165** countries assessed for Multi Hazard Risk. Iraq has a Multi Hazard Risk higher than 96% of countries assessed. This indicates that Iraq has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure **Turkey** ranks **73** out of **165** countries assessed for Multi Hazard Risk. Turkey has a Multi Hazard Risk higher than 56% of countries assessed. This indicates that Turkey has more likelihood of loss and/or disruption to normal function if exposed to a hazard.
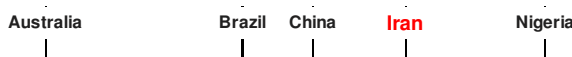

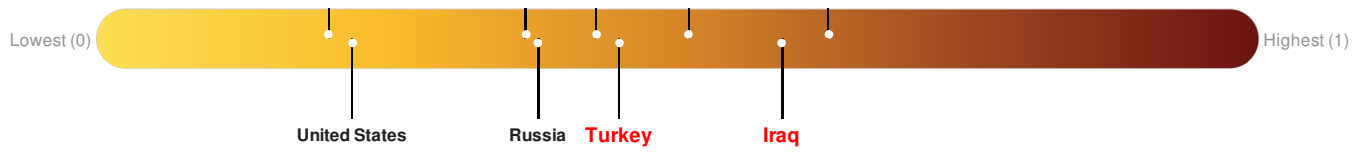
Source: PDC

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.

Iran ranks **51** out of **165** countries assessed for Lack of Resilience. Iran is less resilient than 70% of countries assessed. This indicates that Iran has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.
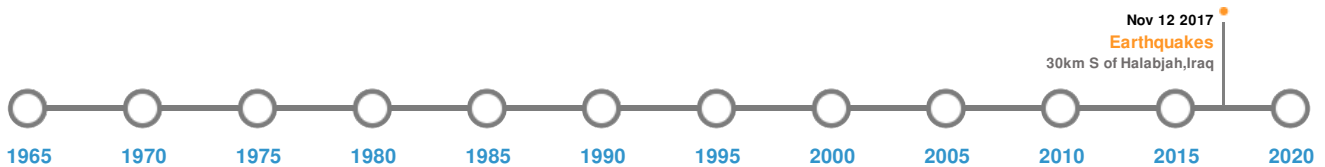
Iraq ranks **23** out of **165** countries assessed for Lack of Resilience. Iraq is less resilient than 87% of countries assessed. This indicates that Iraq has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Turkey ranks **71** out of **165** countries assessed for Lack of Resilience. Turkey is less resilient than 57% of countries assessed. This indicates that Turkey has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Lowest (0)   Highest (1)

United States   **Russia** **Turkey**   **Iraq**

Historical Hazards

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Historical Hazards:

Nov 12 2017
Earthquakes
30km S of Halabjah,Iraq

1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015 2020

Earthquakes:

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	08-Jan-1780 00:19:00	7.70	20	IRAN: TABRIZ	38° N / 46.2° E
	26-Apr-1721 00:03:00	7.70	-	IRAN: TABRIZ	37.9° N / 46.7° E
	12-Nov-2017 18:18:17	7.30	19	30km S of Halabjah, Iraq	34.91° N / 45.96° E
	24-Mar-1963 00:12:00	7.20	40	IRAN: KARKHANEH	34.4° N / 47.9° E
	13-Dec-1957 00:01:00	7.10	-	IRAN: FARSINAJ	34.3° N / 47.8° E

5 Largest Earthquakes (Resulting in significant damage or deaths)

Source: *Earthquakes*