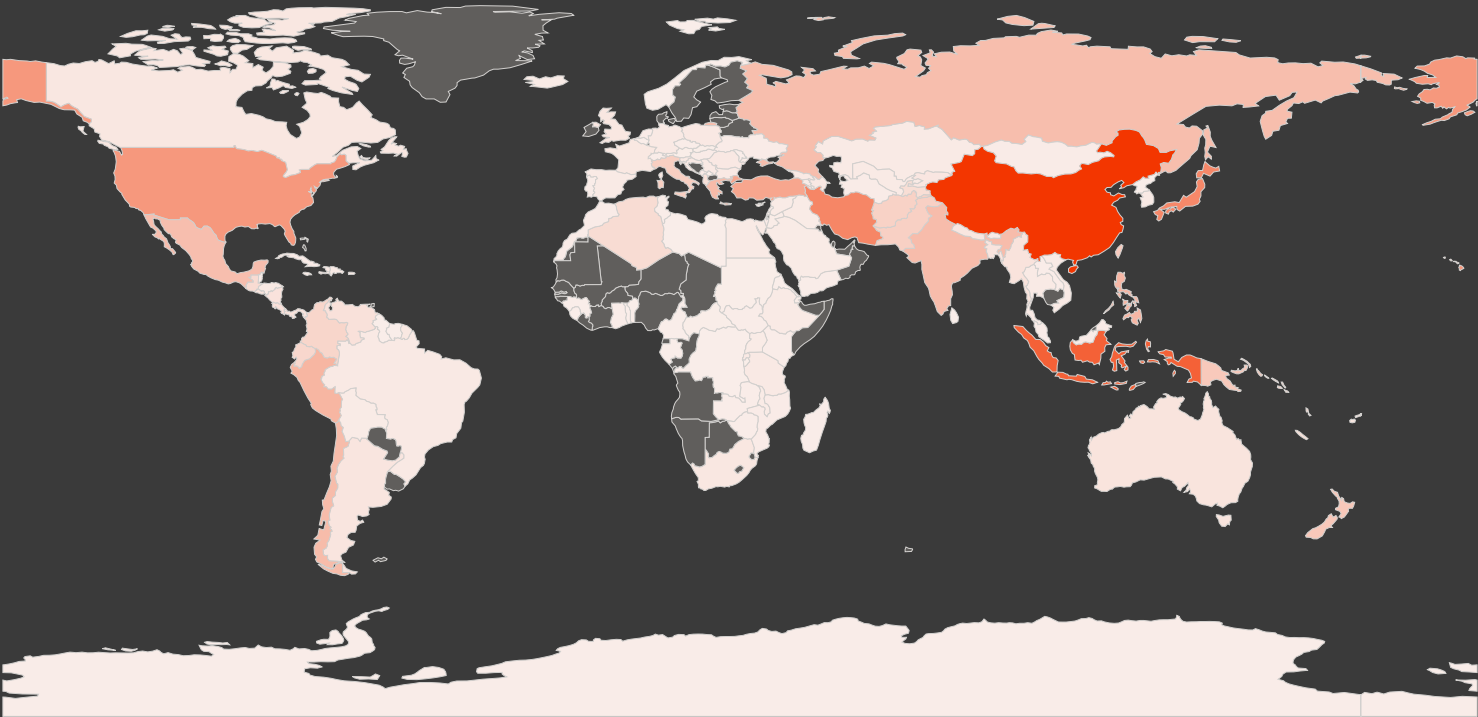


Earthquakes statistics: 2002 - 2022

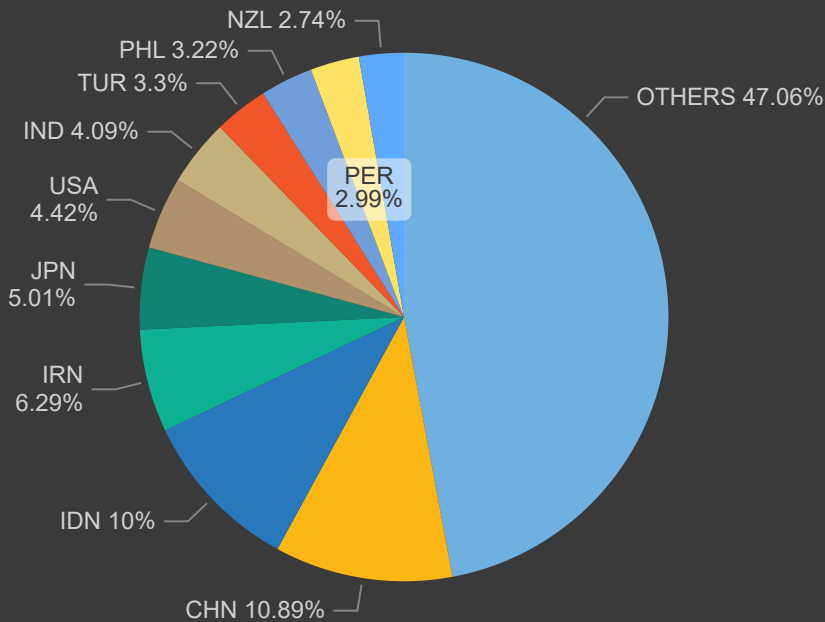
Frequency of earthquakes



Number of registered earthquakes
in last 20 years

5,117,041

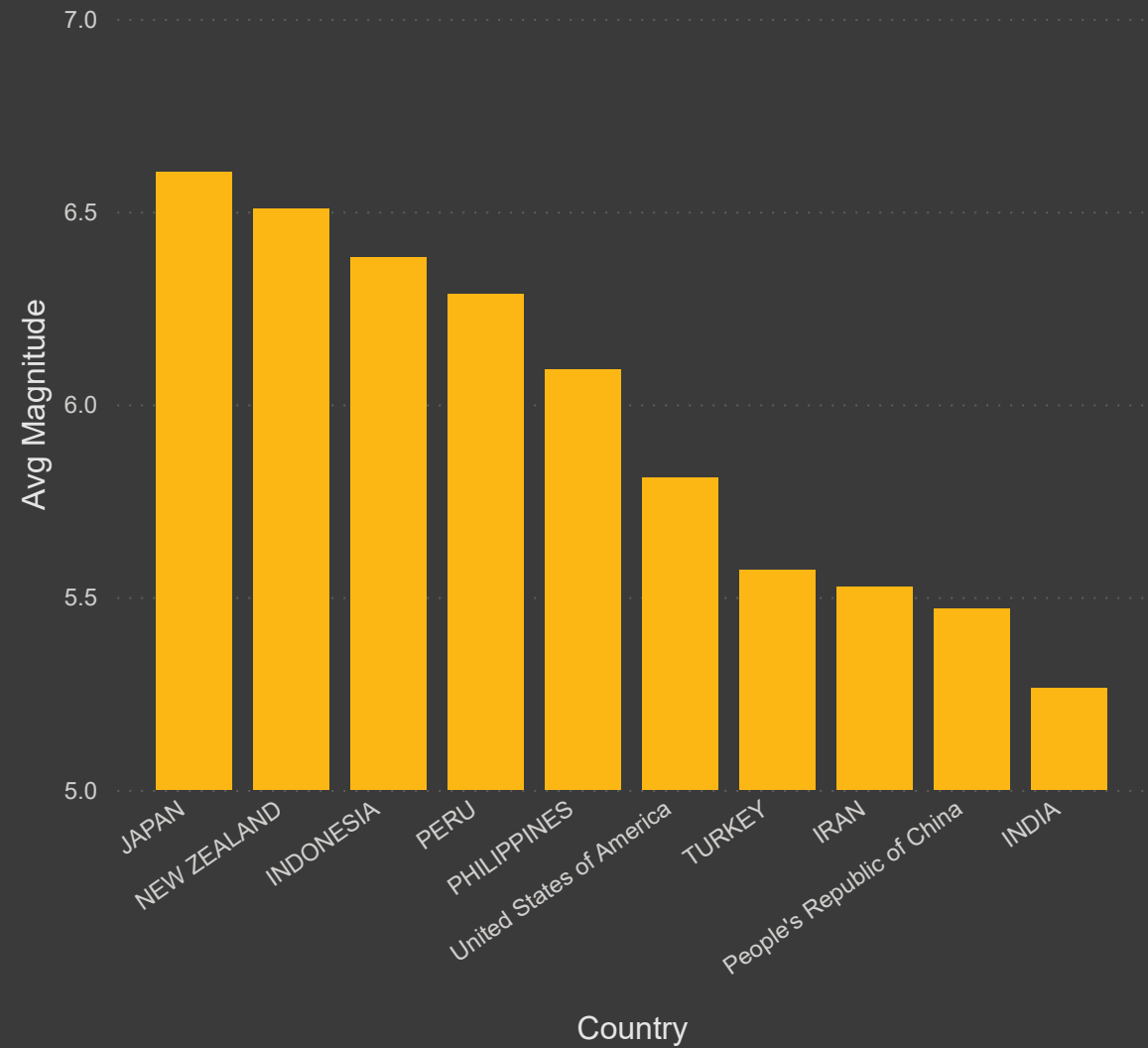
Countries with the most earthquakes



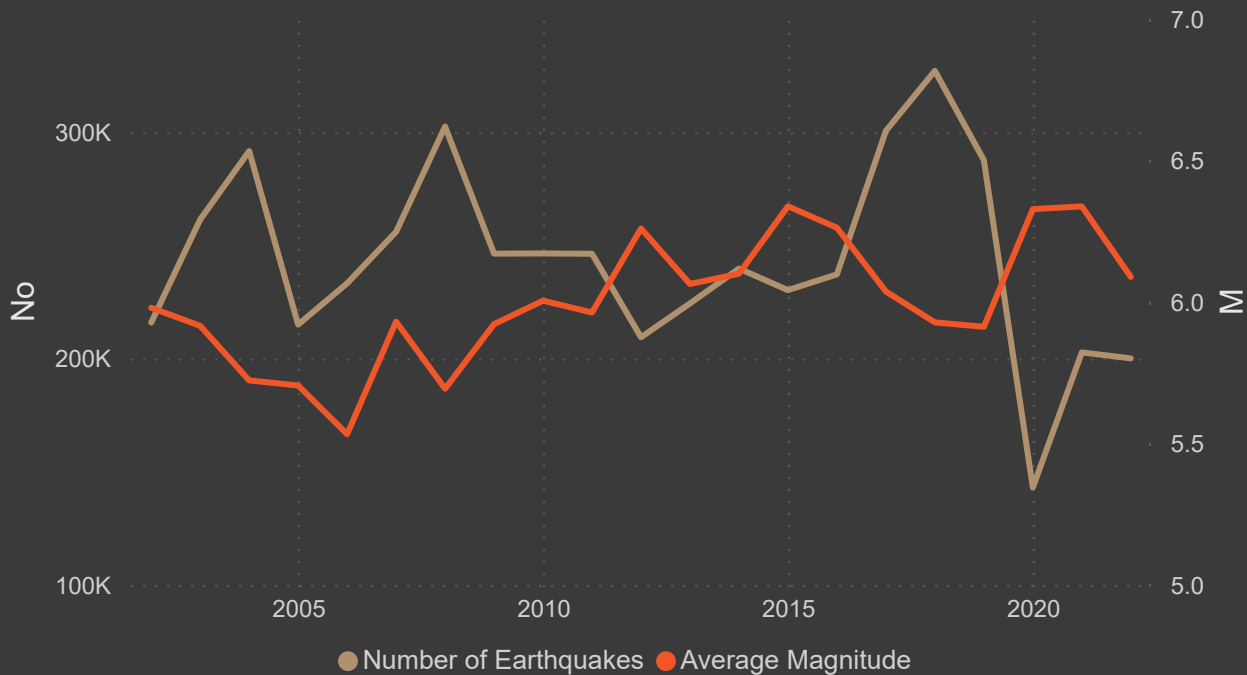
Country	Number of earthquakes
People's Republic of China	557,009
INDONESIA	511,557
IRAN	322,058
JAPAN	256,253
United States of America	226,160
INDIA	209,232
TURKEY	168,955
PHILIPPINES	164,736
PERU	153,042
NEW ZEALAND	140,000

Earthquakes statistics: 2002 - 2022

Top countries by Magnitude



Earthquakes number and avg magnitude by year



Average magnitude

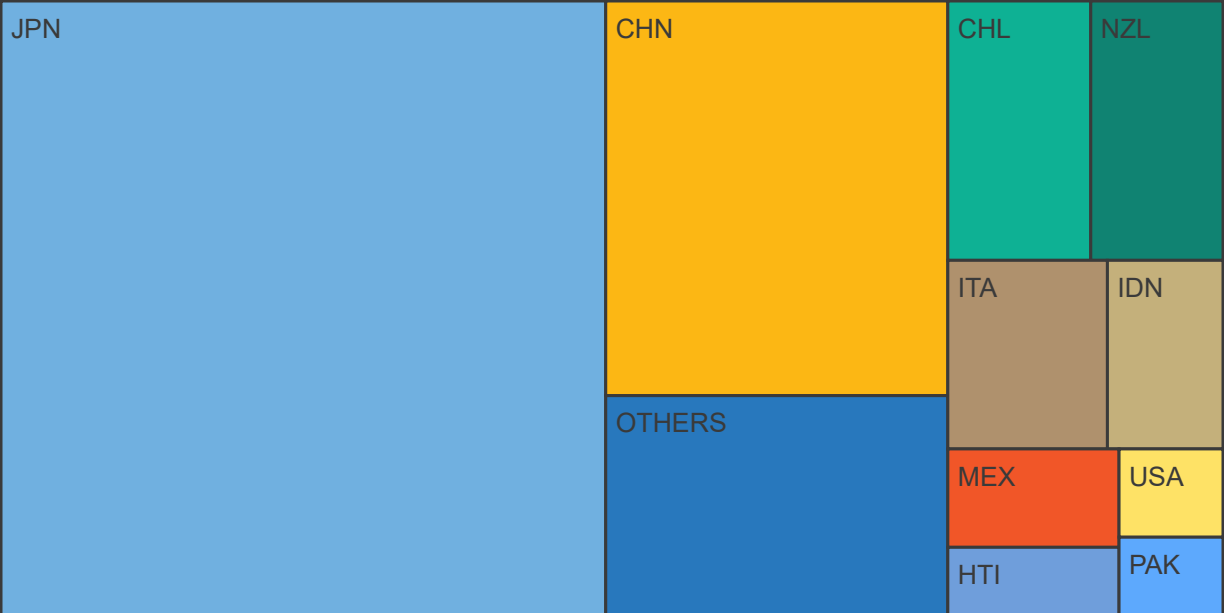
5.97

Earthquakes statistics: 2002 - 2022

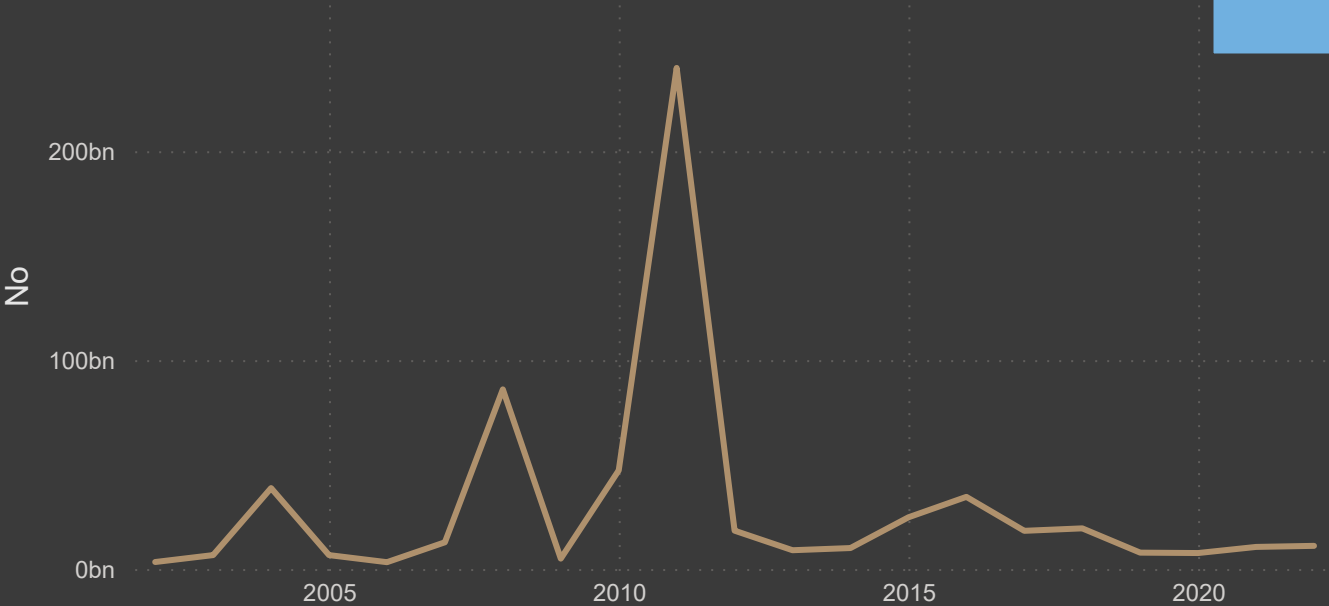
Average loss costs in US \$

645M

Total costs by country



Loss costs by year



Total loss costs in US \$

621bn

Earthquakes statistics: 2002 - 2022

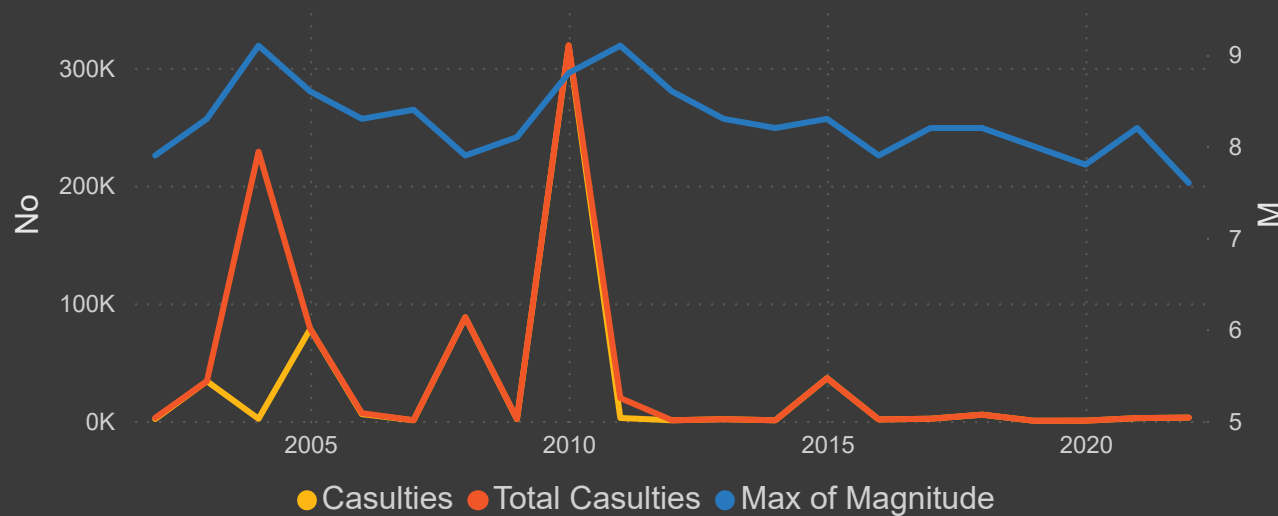
Casulties caused by earthquakes

587,309

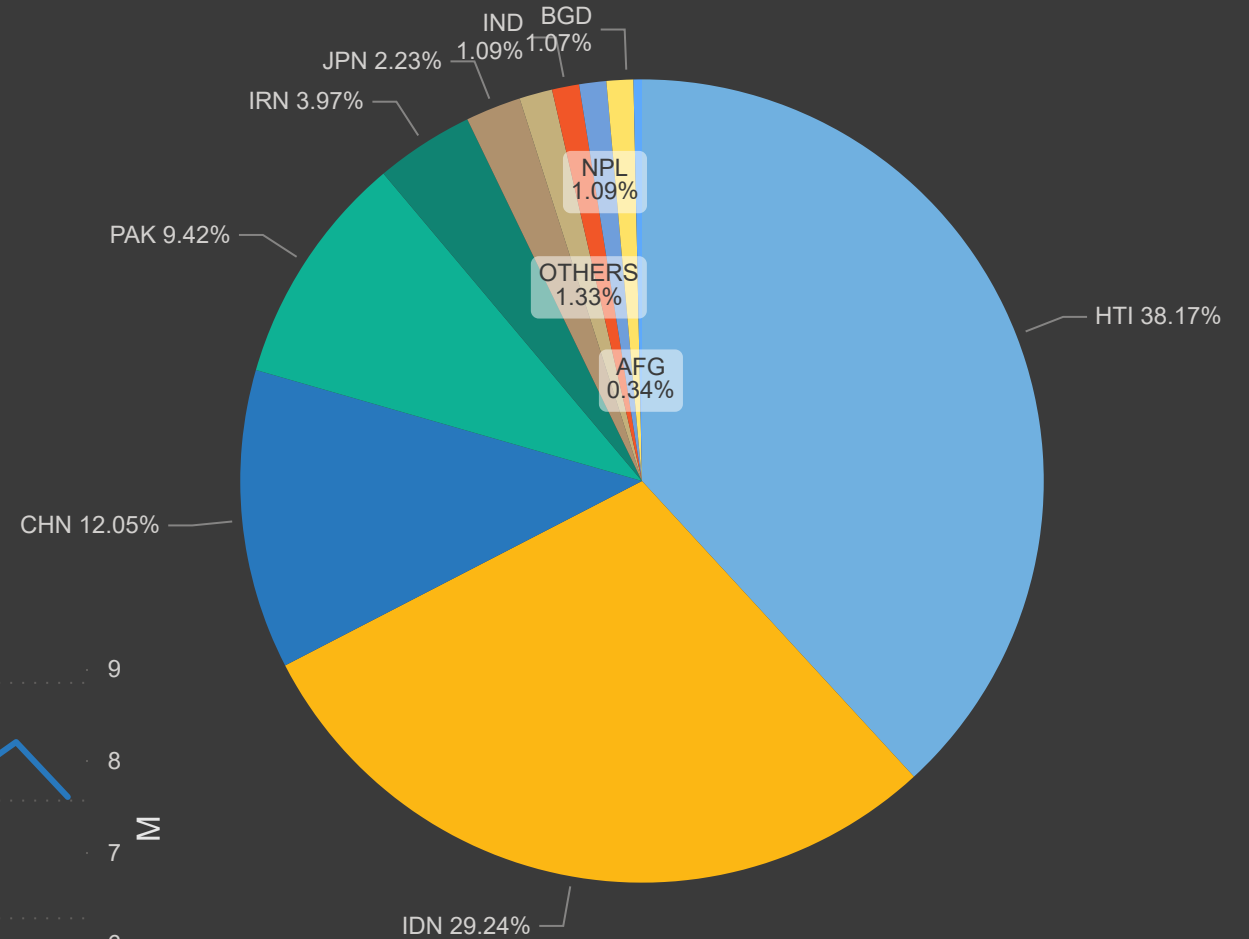
Total casulties with aftermath (f.e. tsunamies)

833,903

Casulties number and max magnitude by year



Total Deaths by Country



Earthquakes statistics: 2002 - 2022

Median of magnitude

5.90

Median of losses in US \$

200M

Median of casualties

3

Earthquake in Turkey and Syria in numbers:

Estimated casualties
(per 2/17/2023)

43,000

Magnitude

7.80

People without
houses

7,000,000

Most deadly earthquake in
100 years

10th

Most tragic earthquakes in 100 years:

Highest casalties rate in
100 years

316,000

2010/1/12

Haiti: Port-Au-Prince

Highest measured magnitude in
100 years

9.50

1960/5/22

Chile: Puerto Montt, Valdivia

Total casalties in
100 years

2,076,965

10 most deadly earthquakes in 100 years

DateID	Location Name	Total Deaths	Magnitude
2010/1/12	HAITI: PORT-AU-PRINCE	316,000	7.00
1976/7/27	CHINA: NE: TANGSHAN	242,769	7.50
2004/12/26	INDONESIA: SUMATRA: ACEH: OFF WEST COAST	227,899	9.10
1923/9/1	JAPAN: TOKYO, YOKOHAMA	142,807	7.90
1948/10/5	TURKMENISTAN: ASHKHABAD	110,000	7.20
2008/5/12	CHINA: SICHUAN PROVINCE	87,652	7.90
2005/10/8	PAKISTAN: MUZAFFARABAD, URI, ANANTNAG, BARAMULA	76,213	7.60
1970/5/31	PERU: NORTHERN, PISCO, CHICLAYO	66,794	7.90
1935/5/30	PAKISTAN: QUETTA	60,000	7.50
2023/2/6	TURKEY; SYRIA	43,000	7.80