

INSTITUTE FOR ECONOMICS & PEACE Global Terrorism Index

Lesson Map: <http://esriaustralia.com.au/education/EconomicsandPeace2>

Engage

What is the Global Terrorism Index (GTI)?

- The Global Terrorism Index (GTI) is a comprehensive measurement of global terrorism incidences. It considers total terrorist incidents, fatalities and injuries caused by terrorist attacks, and the economic cost of property damage caused by terrorism attacks.
- Click on the Lesson Map URL above to open the map. The first layer shows the Global Terrorism Index (GTI) Ranking in 2015.
- Open the legend
- The legend indicates that a lower GTI ranking number indicates higher incidents of terrorism.
- ? Click on a range of countries to discover their GTI ranking in 2015.

Explore

Where were the most terrorism incidents in 2015?

- In the Details pane, under the heading Contents, tick the checkbox to turn on the layer 2015 Terrorism Incidents. Turn off all other layers.
- Click on the title of the layer 2015 Terrorism Incidents, then select the tile icon that pops up beneath it. From here, press the table icon to open the table.
- In the table window, select the heading Incidents, then choose Sort Descending.
- ? Which countries had the 10 highest rates of terrorism incidents in 2015? [*Iraq, Afghanistan, Pakistan, India, Nigeria, Egypt, Philippines, Yemen, Bangladesh, Libya*]
- In the table, click each country to locate it on the map.
- ? You may like to investigate the geographic location of these countries, and discuss

Download student worksheet [here](#).

Time
15 minutes

Activity

Investigating the global pattern of terrorism, by exploring Global Terrorism Index data.

Learning Outcome

Students will be able to:

- Understand factors which contribute to GTI
- Observe spatial patterns around terrorism

ACARA Curriculum Link

[Year 10 Geography – Civics and Citizenship](#)

[ACHCK091](#) | [ACHCK094](#) | [ACHCS096](#)
[ACHCS097](#) | [ACHCS101](#)

[Senior secondary Curriculum – Modern History – Unit 4: The Modern World since 1945](#)

[ACHMH223](#) | [ACMH227](#) | [ACHM178](#)
[ACHMH171](#)

anomalies.

Explain

Where were the most fatalities from terrorism experienced in 2015?

- ➔ Tick the checkbox to turn on the layer '2015 Fatalities from Terrorism.' Turn off all other layers. Repeat the process listed above to open the data table, and organize by the Fatalities column in descending order.
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- ? Which countries had the 10 highest rates of terrorism fatalities in 2015? *[Iraq, Afghanistan, Nigeria, Syria, Yemen, Pakistan, Egypt, Somalia, Niger, Cameroon]*
- ? What are the major differences in countries with the most terrorism incidents, versus those with the highest terrorism fatalities? *[India, Philippines, Bangladesh, and Libya all experienced a lot of terrorism incidents, but not a high instance of fatalities.]*
- ➔ The table shows that the global average for terrorism related fatalities in 2015 was 180.22.
- ? How many countries experienced a higher than average rate of terrorism fatalities? *[19]*

Extend

How many injuries were experienced per incident?

- ➔ Tick the checkbox to turn on the layer called Significance of injury
- ➔ Open the table for this layer. Click on the column Injuries per Incident and sort by descending order.
- ➔ Observe the rate of injuries per incident in 2015. For the top 5 countries listed, which country is the anomaly? *[Kuwait, as its rate of injuries per incident is over 100 times greater than the next highest]*
- ➔ What was the rate of injuries per incident in Kuwait? *[227 injuries for 1 incident in 2015]*
- ➔ Using the table, you can sort each column by descending order to compare the regions with the highest rate of terrorism incidents, fatalities, injuries and

Acknowledgments:

Esri Australia would like to thank the Institute for Economics and Peace and the National Consortium for the Study of Terrorism and Responses to Terrorism (START) for providing the data used in this Spatial Activity.

For more information about the Institute for Economics and Peace, visit <http://economicsandpeace.org/>

Teacher Feedback:

To share your feedback on this, or any Spatial Activity, please contact education@esriaustralia.com.au

property damage.

- ? You may like to further investigate a country of your choosing to determine the impact of terrorism in that area.

Next Steps:

Request a free ArcGIS Online Account for your school:

Australian schools can request a free ArcGIS Online account as part of Esri Australia's Classroom GIS Initiative. A school subscription provides additional map layers, content, features and privacy.

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