

GLOBAL TERRORISM INSIGHTS

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 IST 719 - Information Visualization

What is Terrorism?

Introduction

Despite the international concern over terrorism the word is often narrowed down to a certain groups or actions due to political reasons when in reality it is a much broader term.

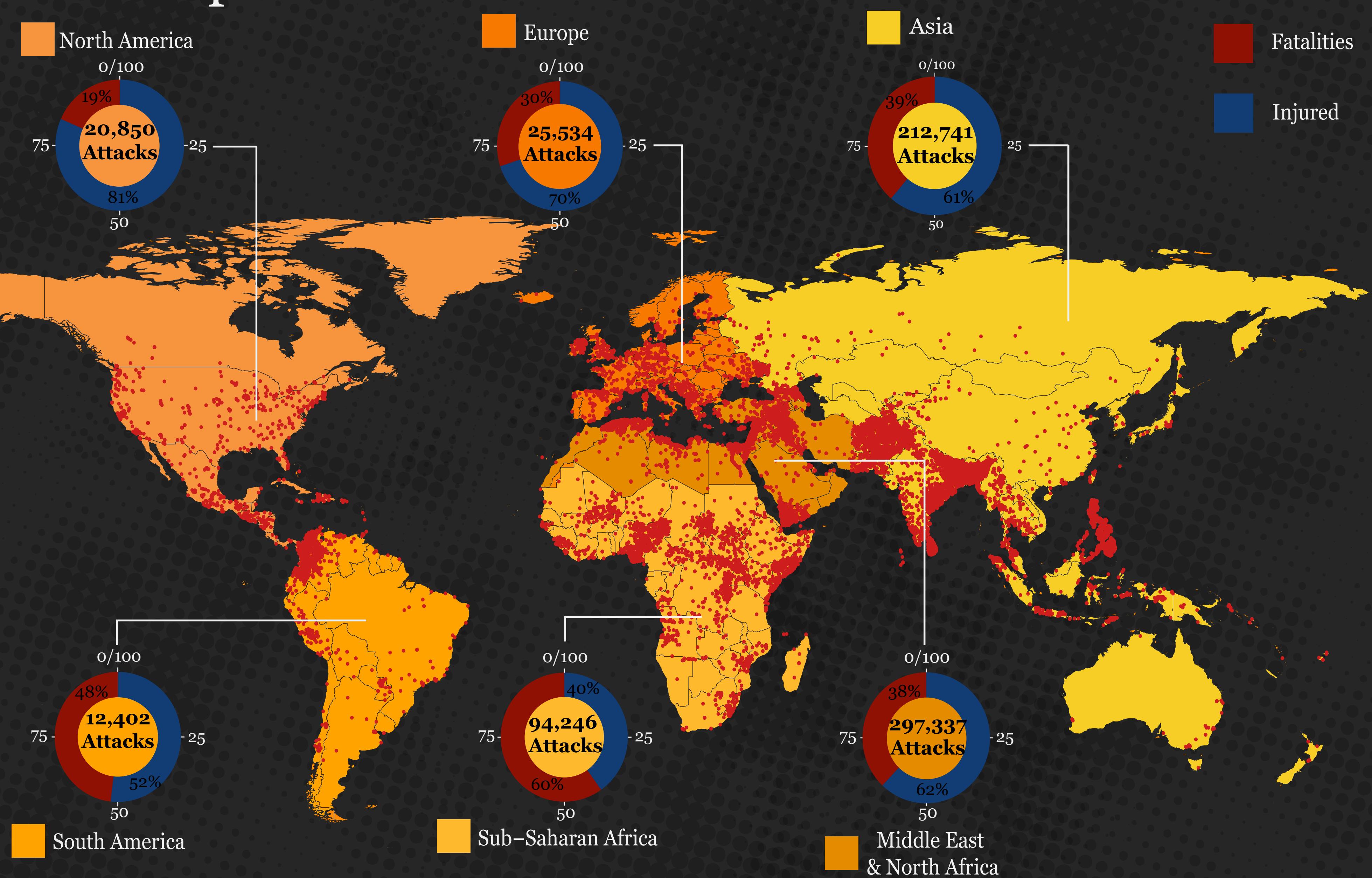
"Terrorism is the threatened or actual use of illegal force and violence by a non-state actor to attain a political, economic, religious, or social goal through fear, coercion, or intimidation."

The map to the right shows the places of attack (red dots), the proportion of people injured and the fatalities for the different regions.

Underdeveloped and developing countries have the most number of terrorist attacks.

The Middle East & South Africa region alone account for 47% of injuries and 42% fatalities over the last 20 years.

Global Impact

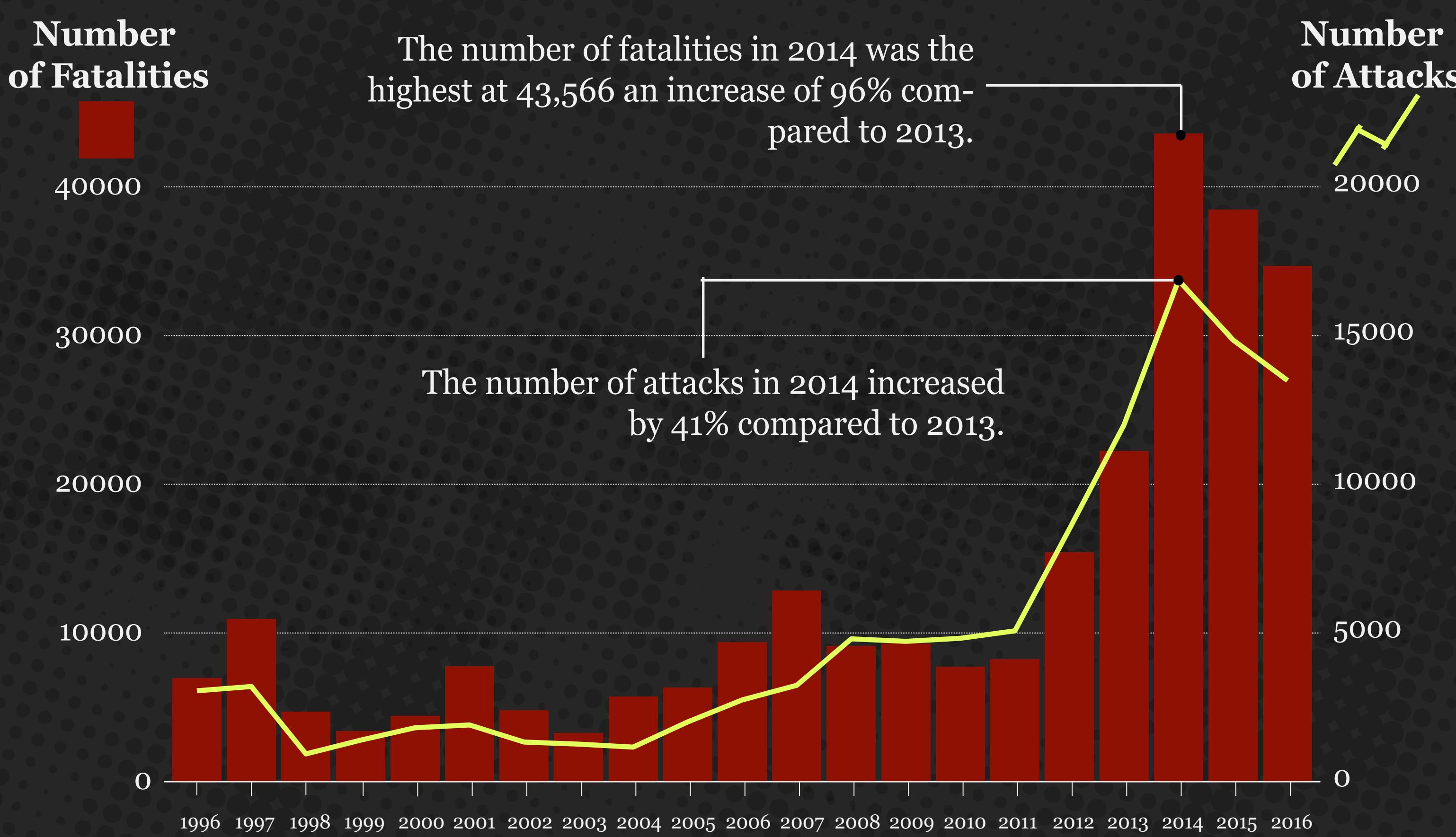


Trend in Attacks and Fatalities

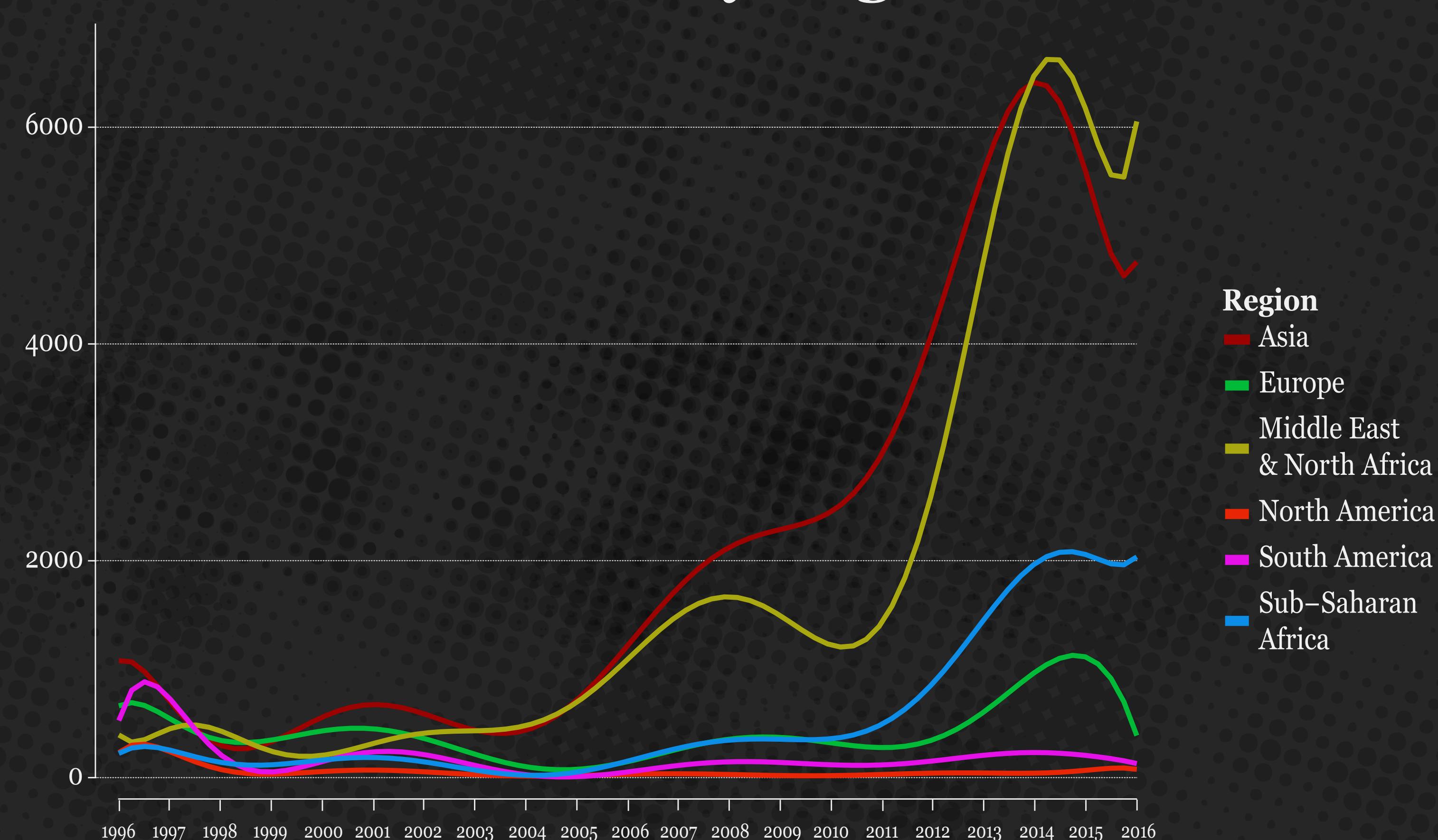
There has been an increasing trend in the number of terror attacks and more fatalities in the recent years. Clearly the number of terrorist attacks have gone up after 2010.

Middle East and North Africa are the most terrorism prone regions followed by Asia. Collectively we can say that The African and Asian Continent experience the highest terrorist attacks.

Attacks and Fatalities



Attacks by Region



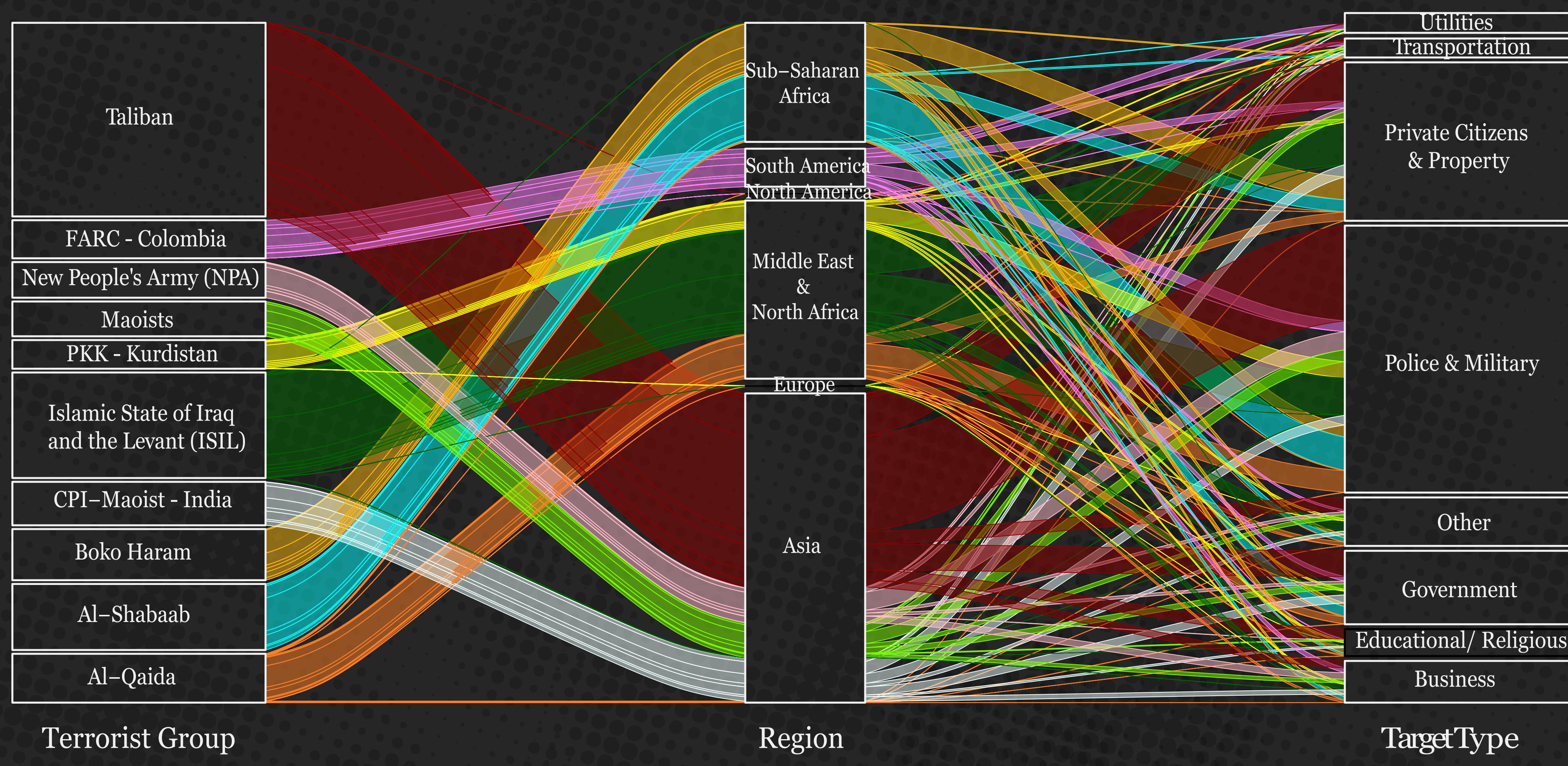
Audience

The act of terrorism affects individuals and countries directly or indirectly and since the purpose of this poster is to bring an awareness about the term, the intended audience is every individual, organization and government body.

The alluvial diagram represents the flow of terrorist activity from the 10 terrorist groups with the highest number of attacks. The size of the region and targets show us as to what magnitude they are affected by the various groups.

Also it can be seen that there is relatively less terrorist group activity in North America and Europe, one of the reasons being distance (geographic location) and aggressive security.

Terrorist Group Activity by Region and Who it Affects



Data Work

The Global Terrorism Database is a collection of terrorist incidents that have occurred all over the world from 1970 through 2016 which includes more than 170,000 cases and includes information on at least 45 variables up to 120 variables for each case. The dataset has been filtered to include data for the last 20 years (1996-2016). Target types & regions have been clubbed wherever possible to reduce the number of variables and easy reading. The statistical information contained in the Global Terrorism Database is based on reports from variety of open media sources which are verified to be credible.

DATA SOURCE: National Consortium for the Study of Terrorism and Responses to Terrorism (START). (2016). Global Terrorism Database [Data file]. Retrieved from <https://www.start.umd.edu/gtd>