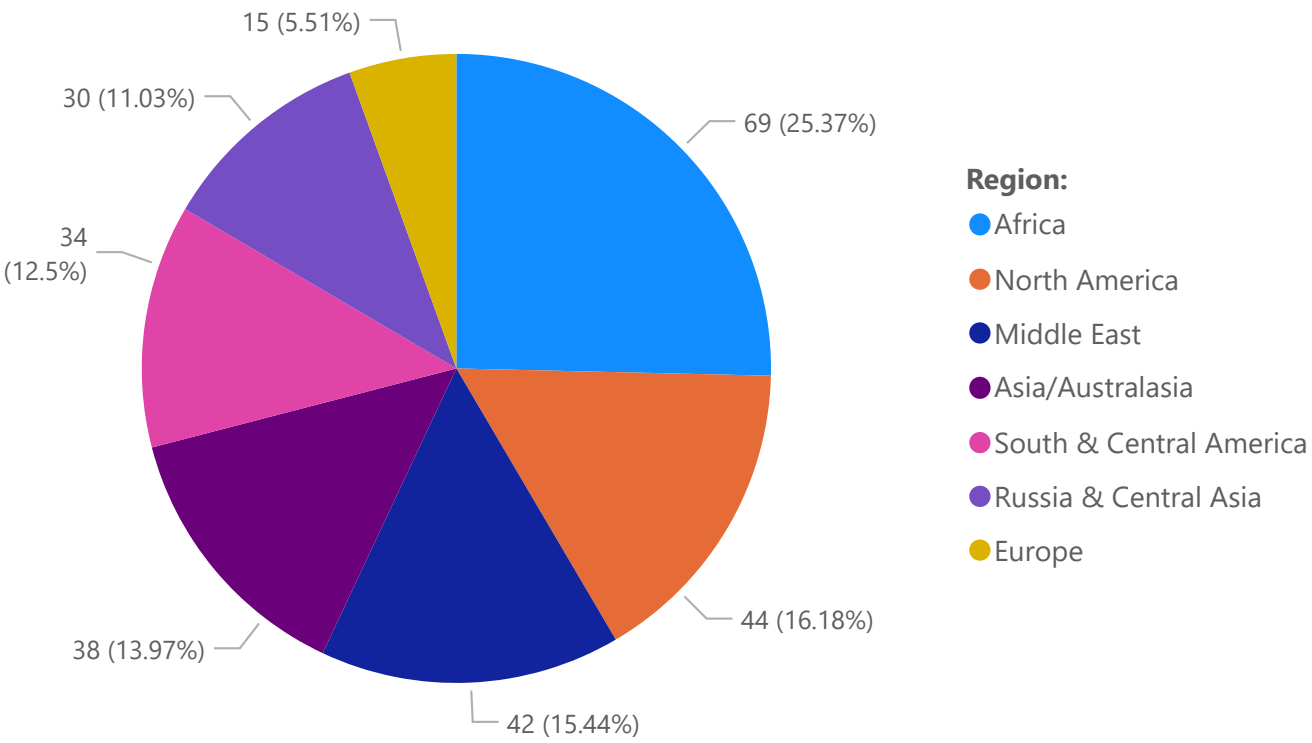


Hazard reporting and Fatal Accidents in the Oil and Gas Industry

**By
Toyin Olape**

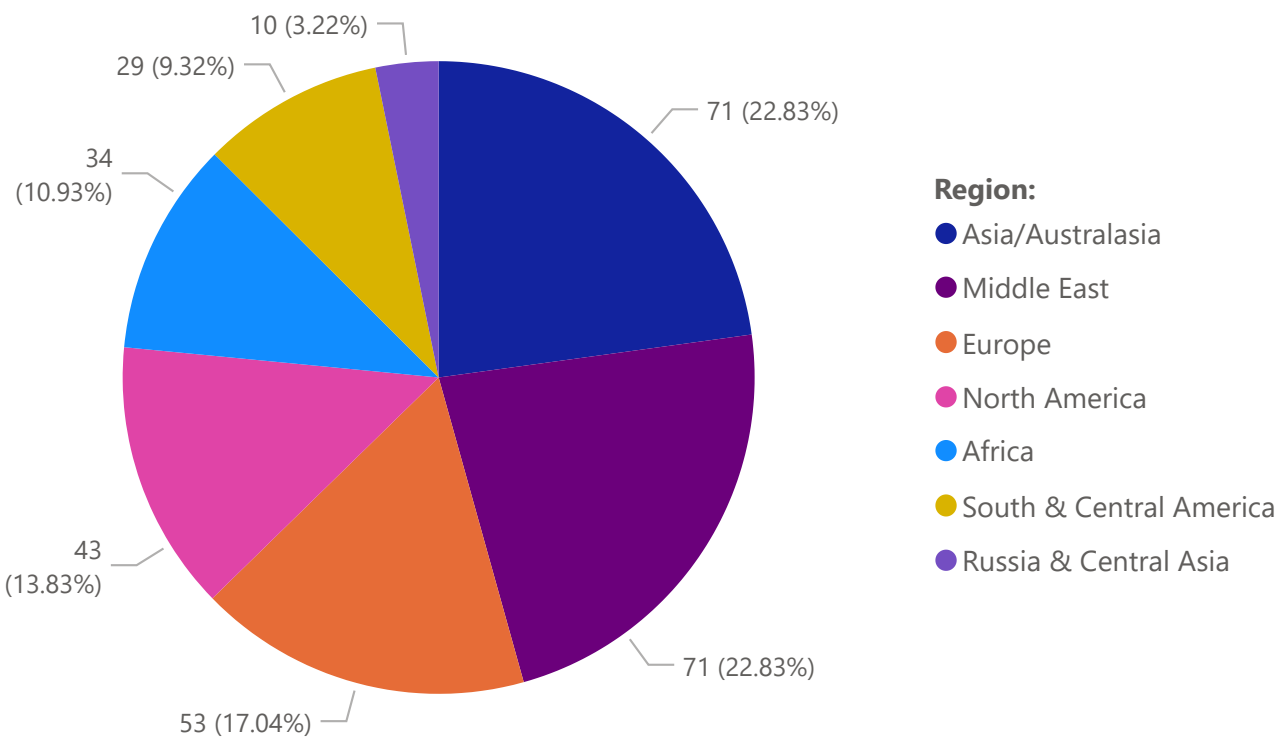
Fatal Incident rates by Regions



Irrespective of the cause or activity that was taking place, charts show an almost inverse listing with regions like Africa moving from the most fatal incidents to the 5th region in near miss reports. This leads to the assumption that regions with more reports of Near miss or hazard reporting recorded lower rates of Fatal incidents.

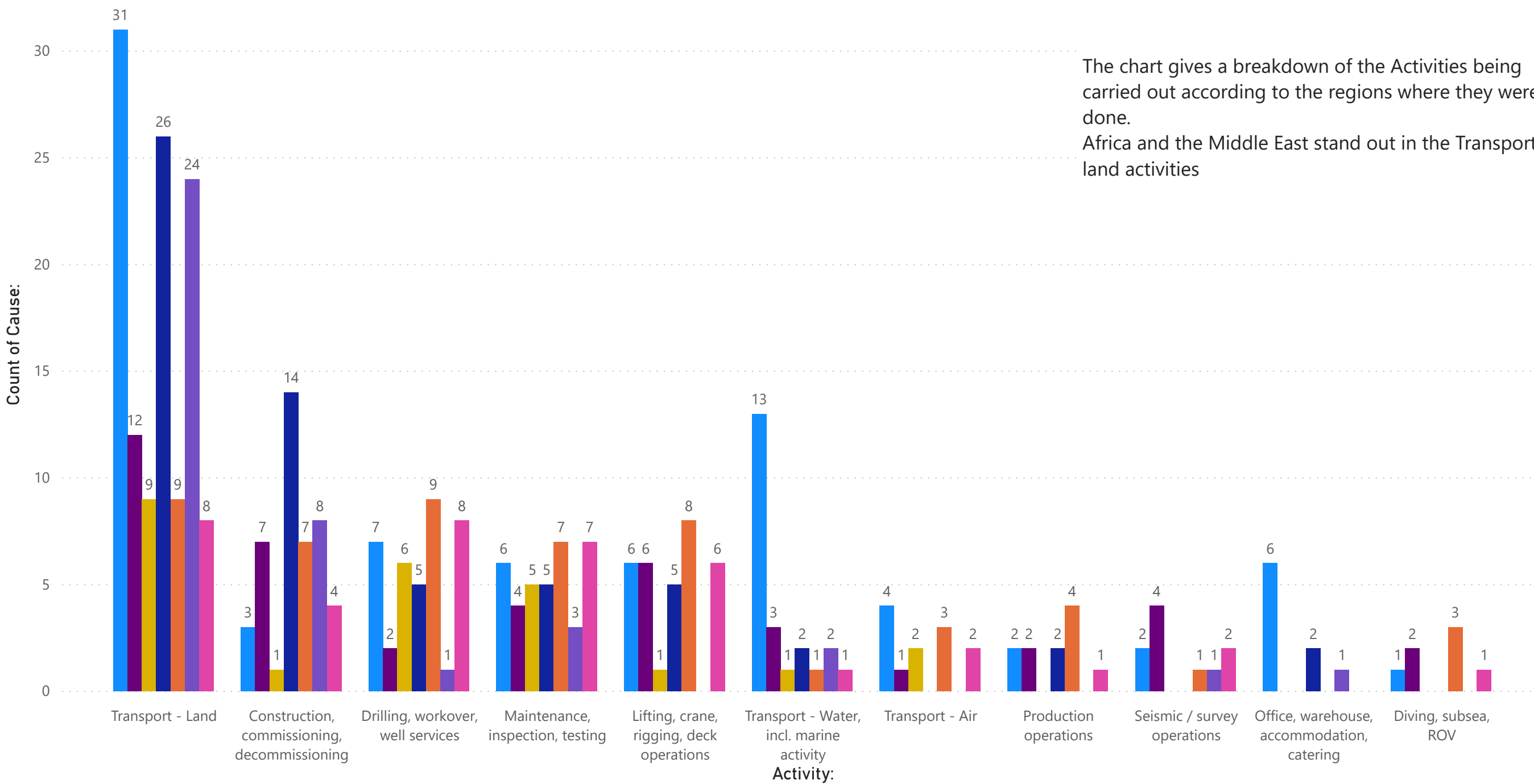
Africa accounts for over a quarter of all fatal incidents that occurred between 1990-2018, while Europe accounts for the least fatal incidents. While this might be explained by external factors like the total number of operations ongoing in these regions during the period it cannot explain how these regions have a higher rate of documentation on near misses.

Hazard Report rates by Regions



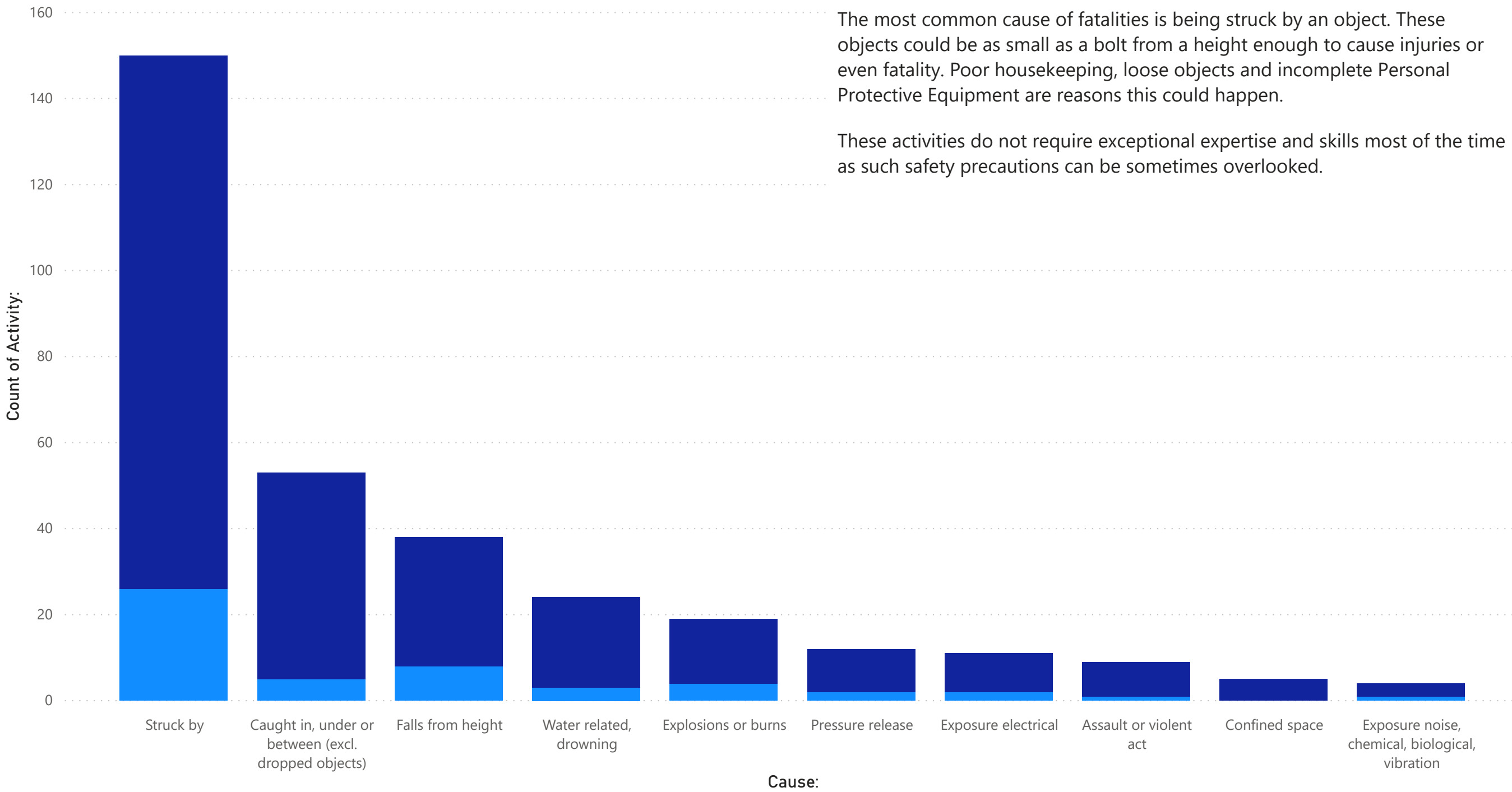
Cause by Activity:

Region: Africa Asia/Australasia Europe Middle East North America Russia & Central Asia South & Central America

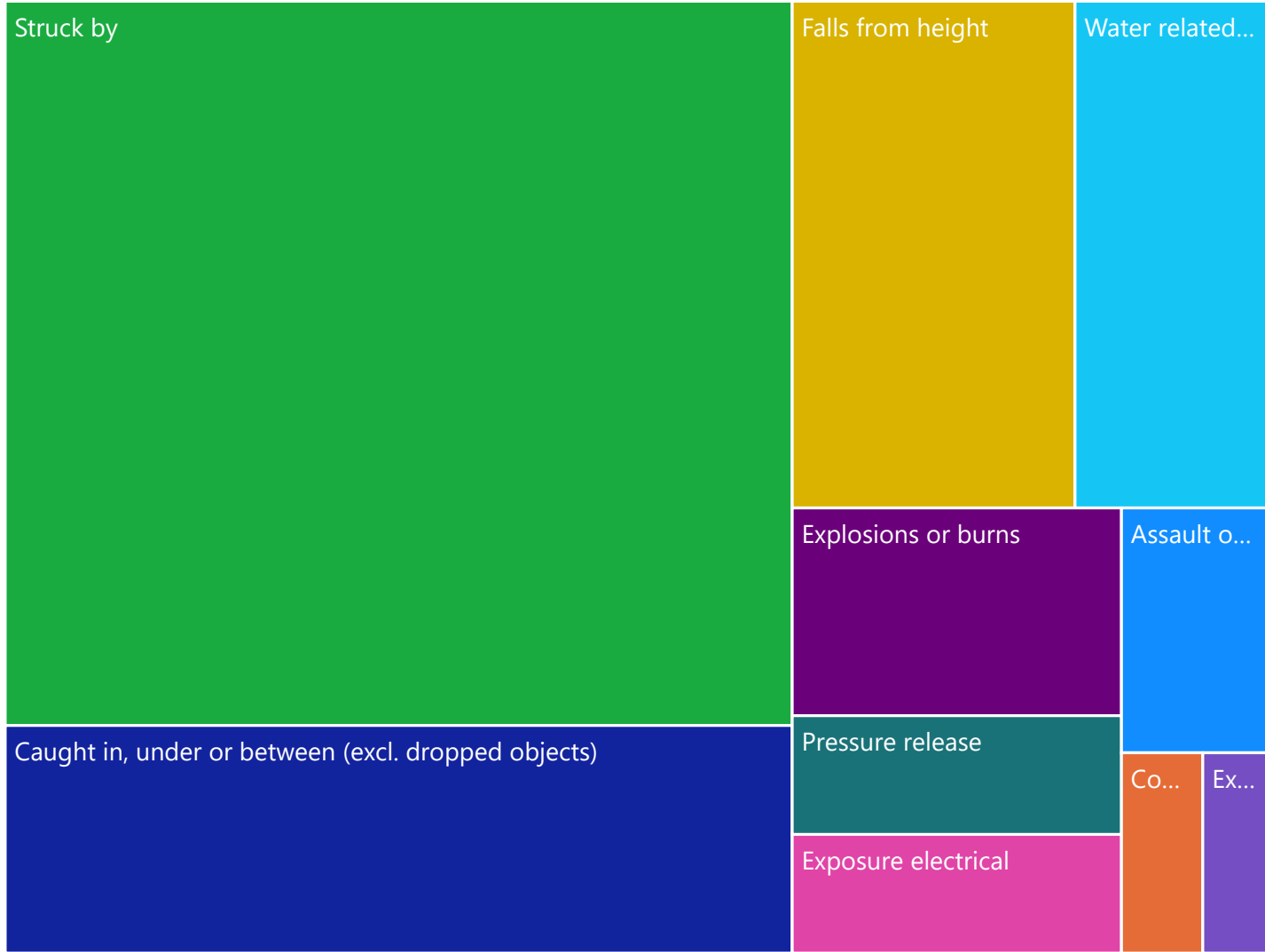


Causes & Employers

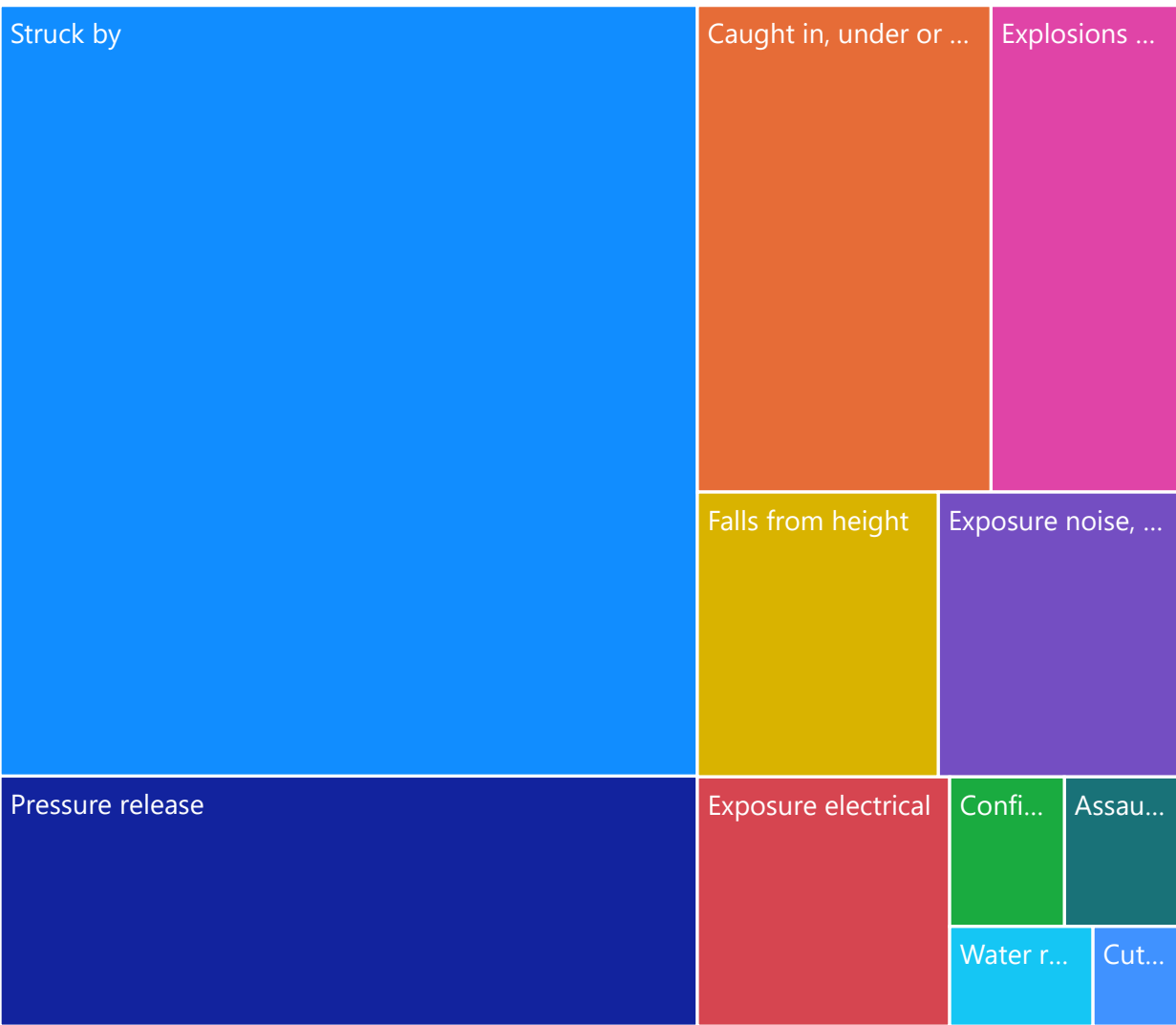
Employer: ● Company ● Contractor



Causes of Fatal Incidents



Causes of Hazards



The tree map does a good job of showing the causes of the hazards and fatal incidents experienced in the Oil and Gas sector across the world from the data collected. Struck by objects remains the most prominent cause of fatal incidents and Hazards reported. The second most reported Hazard is caused by the Pressure release which translates to the the 5th cause of Fatal Incidents. The same pattern is observed with causes like Water related/drowning, Falls from height, Exposure noise, chemical, biology, vibration.