



Causes of Death Our World In Data Project Presentation

By Sara

Option 2:

Causes of Death + Population Data

Joined Population Data

Data Exploration

Visualization Building

Dashboard Creation

Fire, heat, and hot substances

Number of executions (Amnesty International)

Nutritional deficiencies

Alcohol use disorders

Diabetes mellitus

Tuberculosis

Protein-energy malnutrition Maternal disorders

Environmental heat and cold exposure

Alzheimer's disease and other dementias

Meningitis

Digestive diseases

Drug use disorders

Drowning

Neonatal disorders

Chronic respiratory diseases

Cardiovascular diseases

Diarrheal diseases Lower respiratory infections

Self-harm

Conflict and terrorism

Poisonings

Cirrhosis and other chronic liver diseases

Malaria

Chronic kidney disease

Parkinson's disease

Exposure to forces of nature

Neoplasms

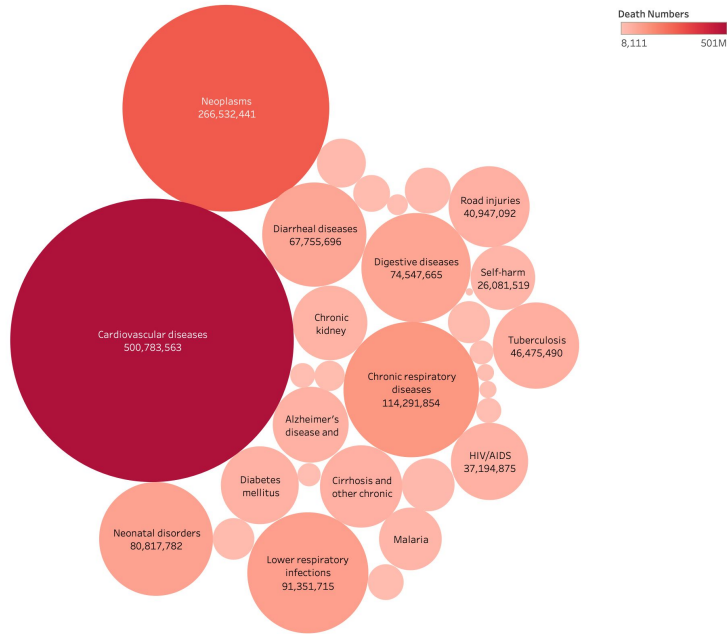
Road injuries Interpersonal violence

Acute hepatitis

HIV/AIDS

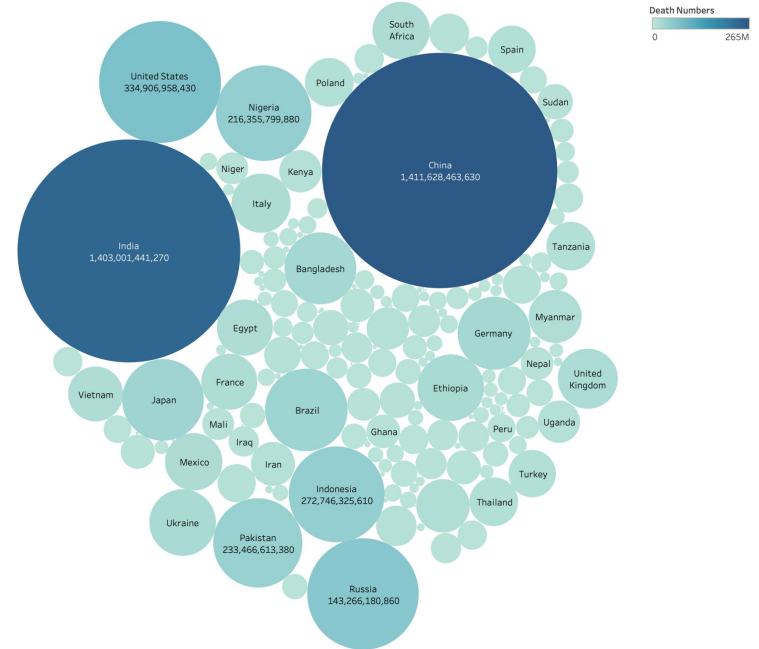
Terrorism (deaths)

Global Comparison of Top Causes of Death



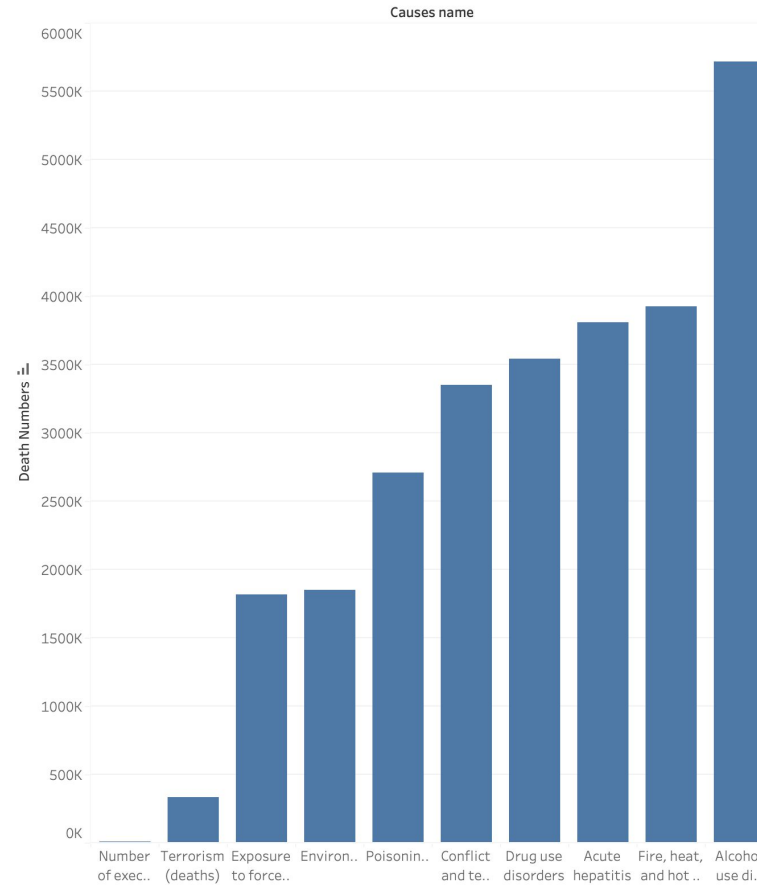
Causes name and sum of Death Numbers. Color shows sum of Death Numbers. Size shows sum of Death Numbers. The marks are labeled by Causes name and sum of Death Numbers. Details are shown for Causes name. The view is filtered on sum of Death Numbers, which ranges from 8,111 to 500,783,563.

Highest Fatality Rates Across Countries



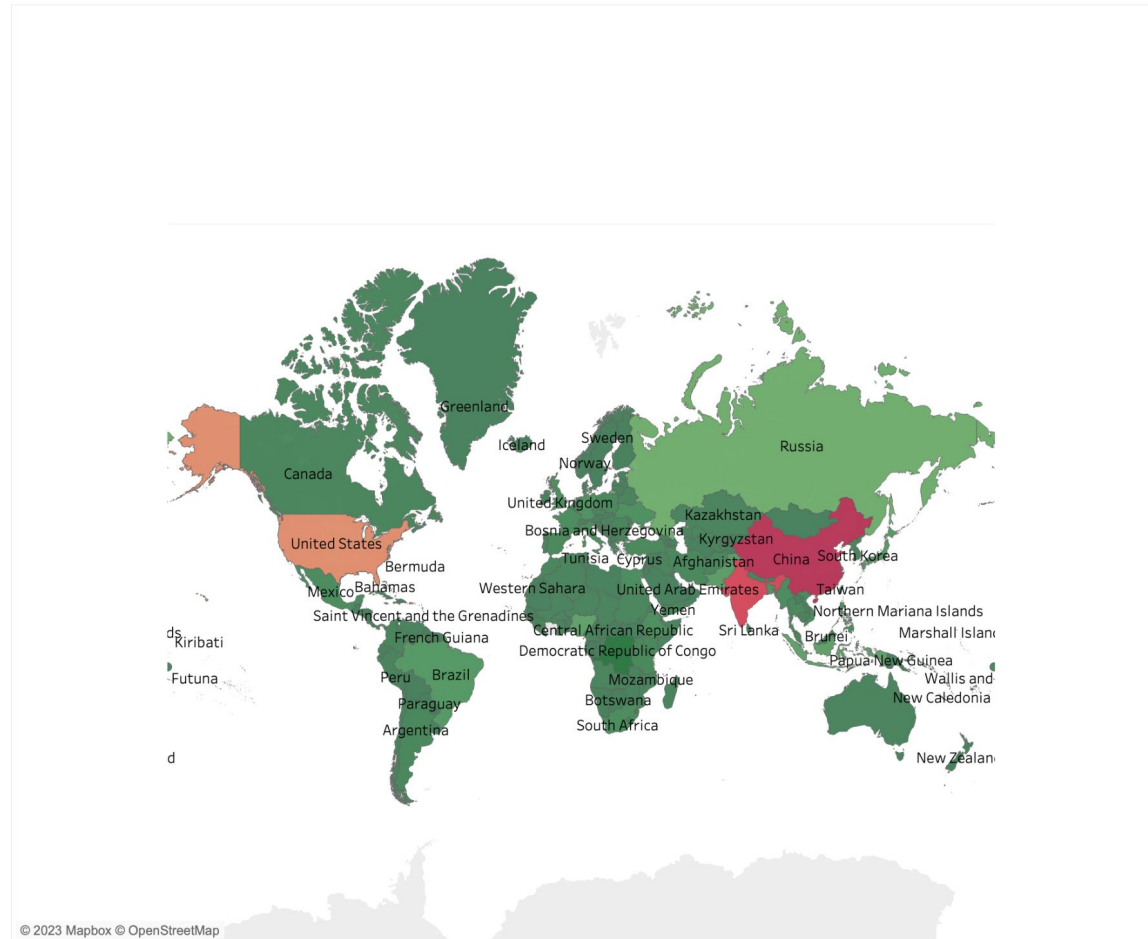
Country/Territory and sum of 2022 Population. Color shows sum of Death Numbers. Size shows sum of Death Numbers. The marks are labeled by Country/Territory and sum of 2022 Population. The data is filtered on Entity, which excludes Null.

bottom 10 causes of death



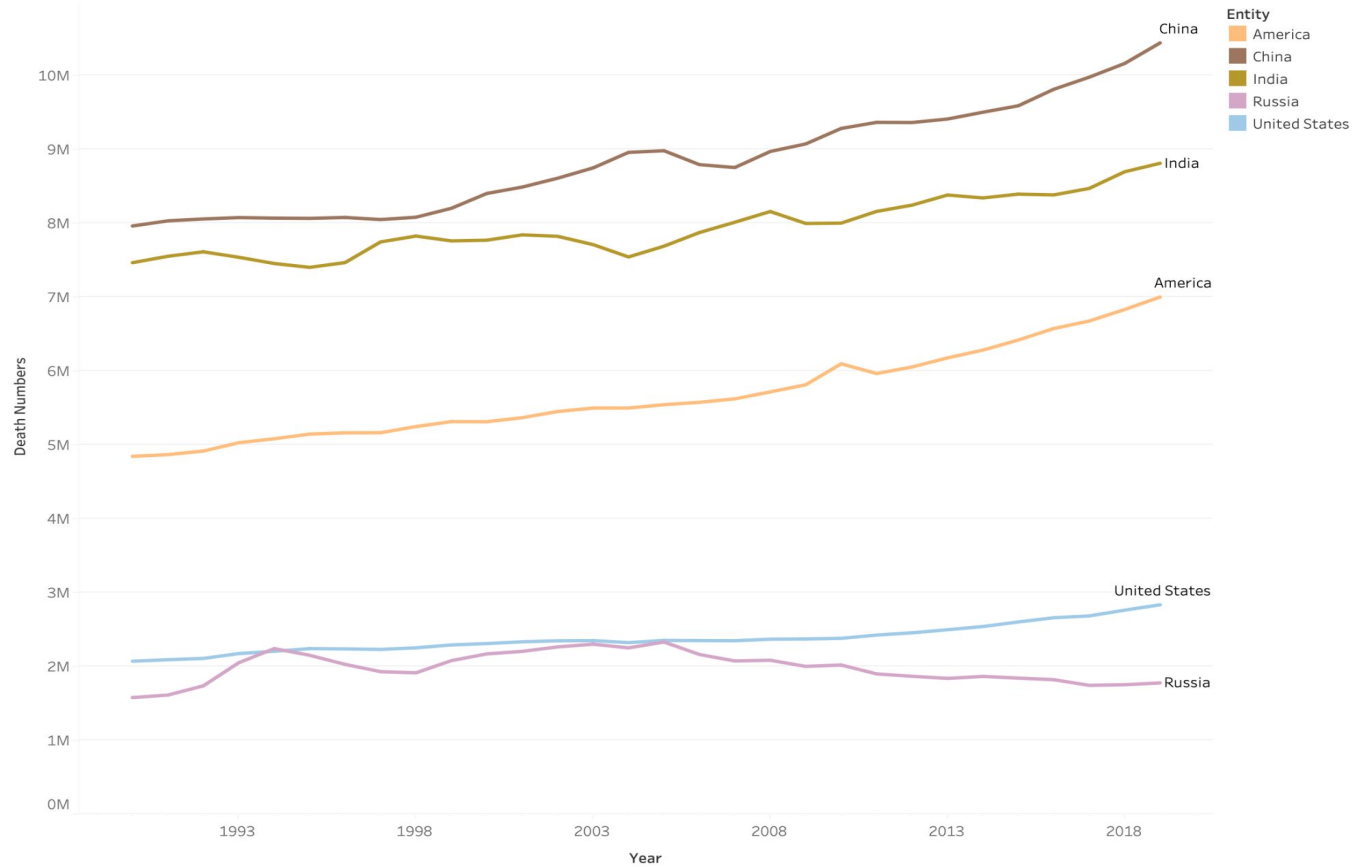
Sum of Death Numbers for each Causes name. The view is filtered on sum of Death Numbers and Causes name. The sum of Death Numbers filter ranges from 0 to 500,783,563. The Causes name filter keeps 10 of 33 members.

Number of death per country (map)



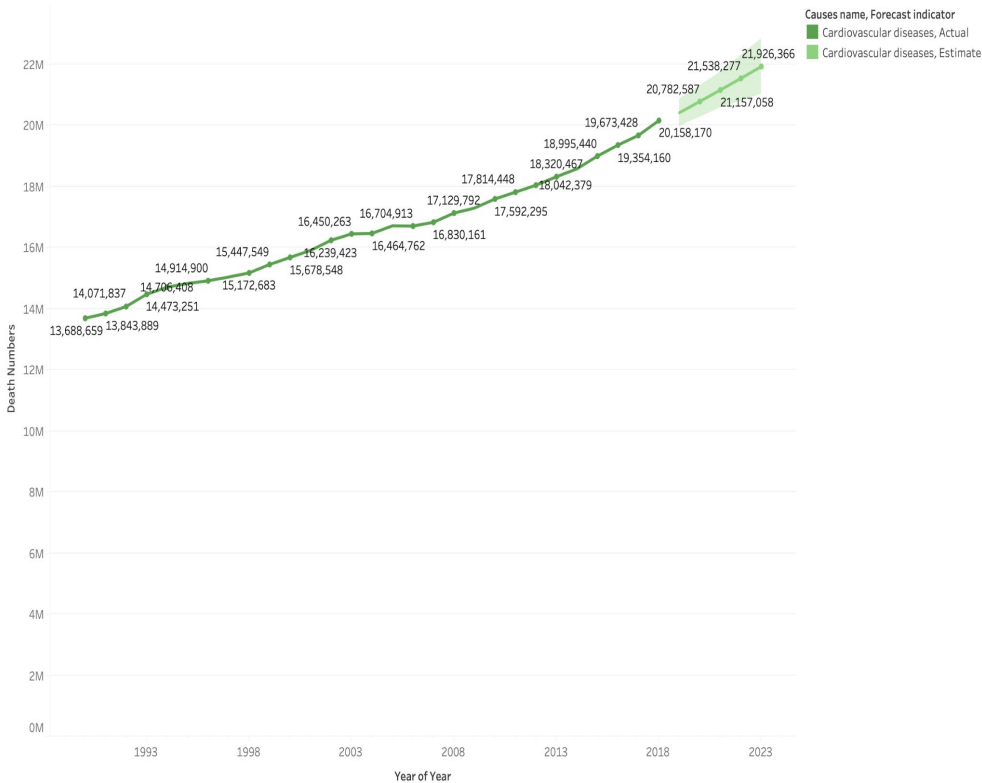
Map based on Longitude (generated) and Latitude (generated). Color shows sum of Death Numbers. The marks are labeled by Entity. Details are shown for Entity. The view is filtered on Entity, which keeps 214 of 214 members.

top 5 countries's death numbers rate



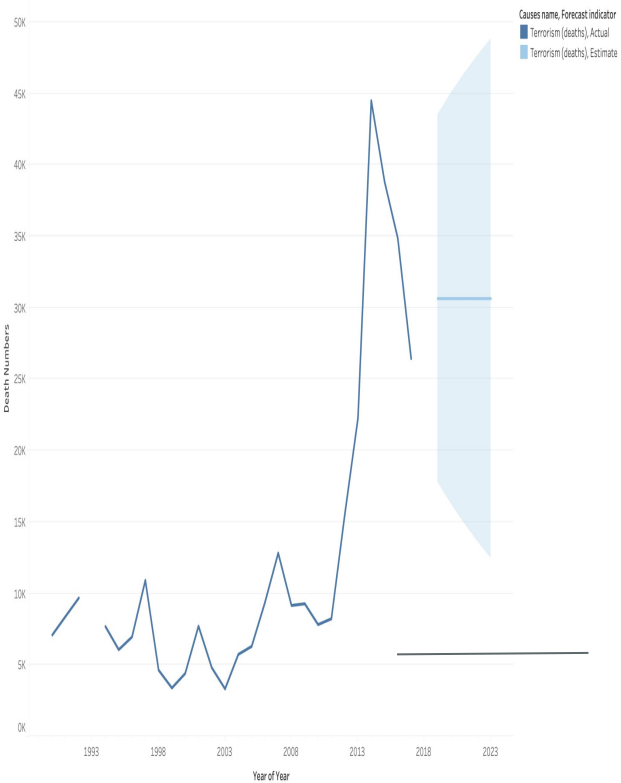
The trend of sum of Death Numbers for Year. Color shows details about Entity. The marks are labeled by Entity. The view is filtered on Entity, which keeps America, China, India, Russia and United States.

Forecasting Cardiovascular disease



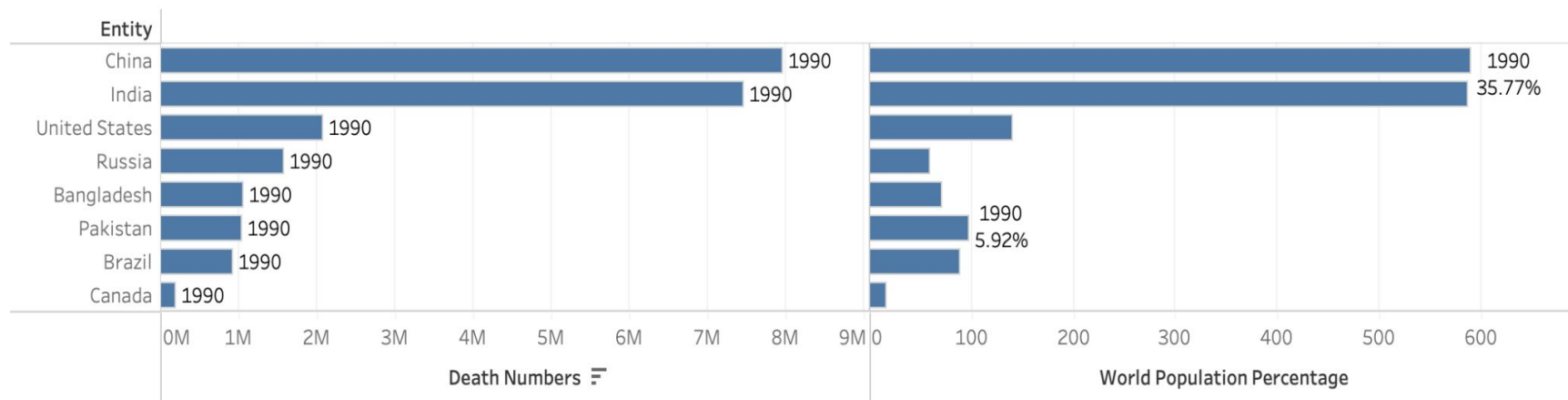
The trend of sum of Death Numbers (actual & forecast) for Year Year. Color shows details about Causes name and Forecast indicator. The marks are labeled by sum of Death Numbers (actual & forecast). The view is filtered on Causes name, which keeps Cardiovascular diseases.

Forecasting Terrorism



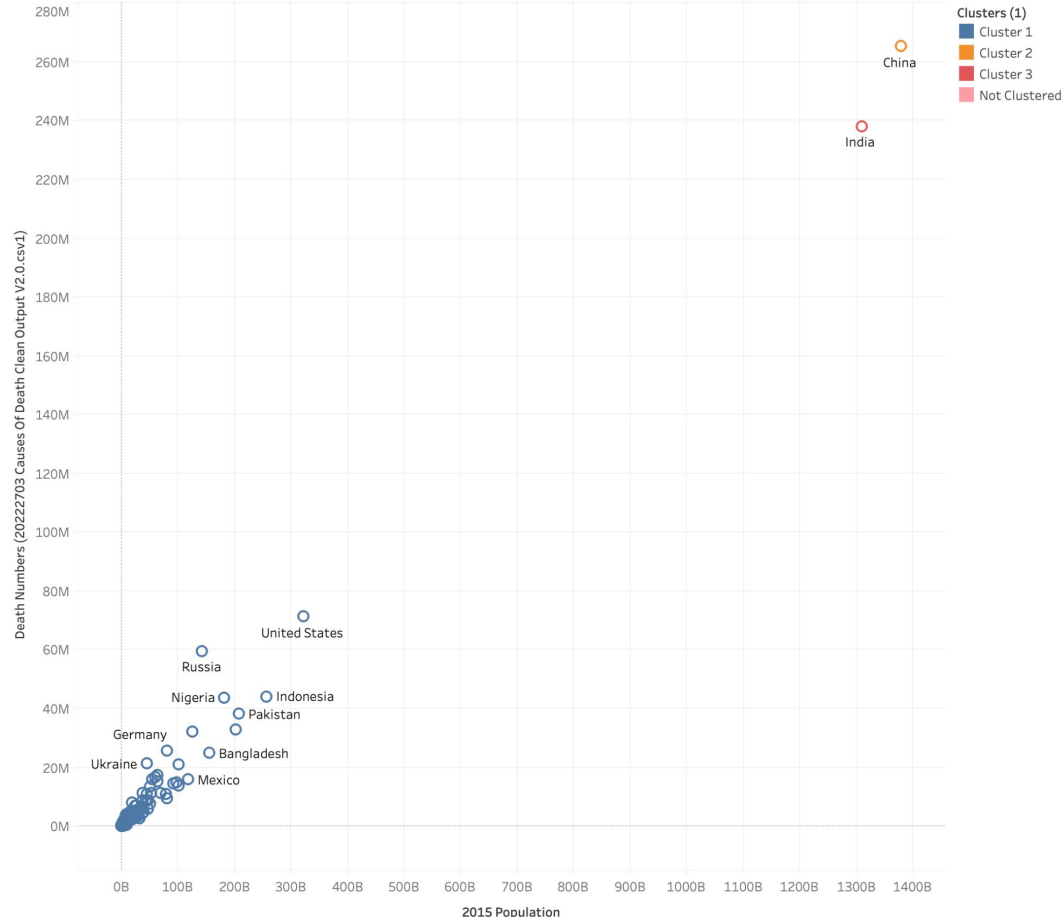
The trend of sum of Death Numbers (actual & forecast) for Year Year. Color shows details about Causes name and Forecast indicator. The view is filtered on Causes name, which keeps Terrorism (deaths).

death number vs world population

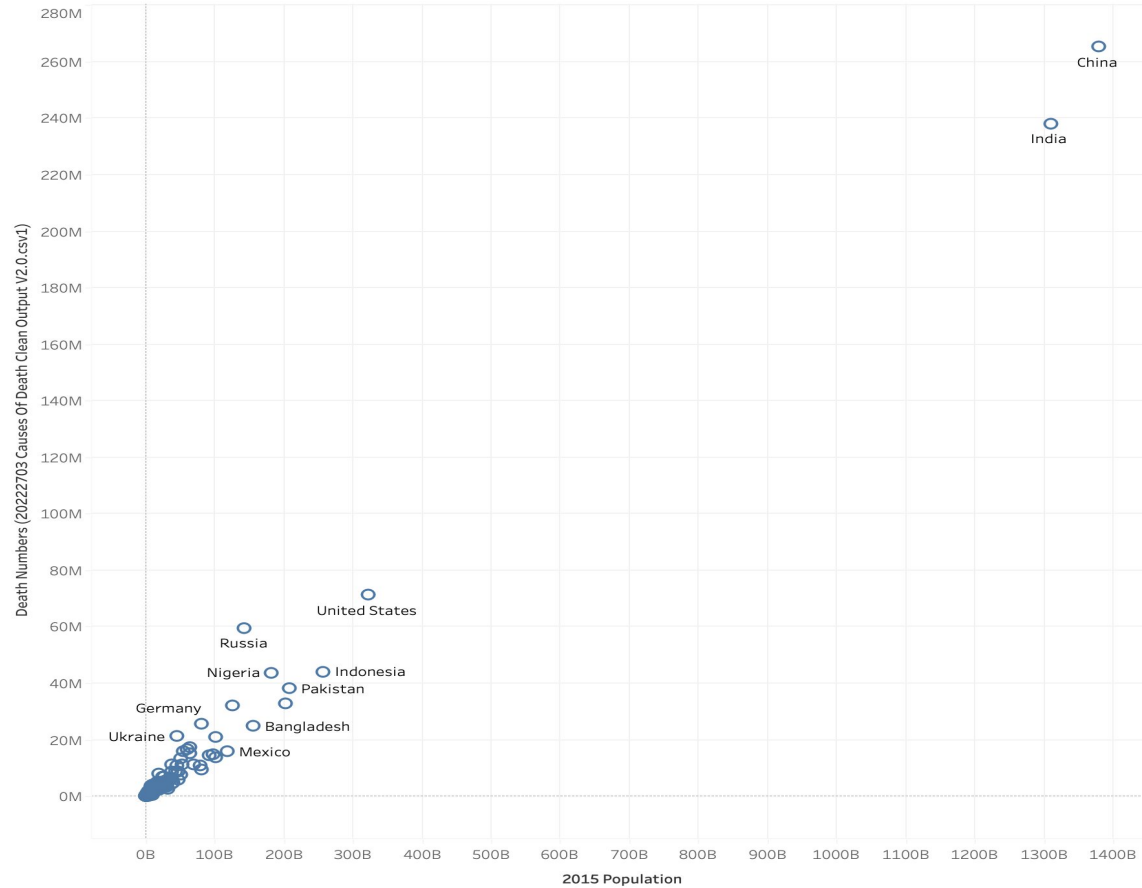


Sum of Death Numbers and sum of World Population Percentage for each Entity. The marks are labeled by Year Year. For pane Sum of World Population Percentage: The marks are labeled by Year Year and % of Total World Population Percentage. The data is filtered on Year, which ranges from 1990-01-01 12:00:00 a.m. to 1990-12-31 12:00:00 a.m.. The view is filtered on Entity, which keeps 8 members.

Clustering



Anamoly



Sum of 2015 Population vs. sum of Death Numbers (20222703 Causes Of Death Clean Output V2.0.csv1). The marks are labeled by Entity.

Challenges

Finding interesting pattern, trend, outlier

Rationale for Visualizations

Map to showcase global distribution

Bubbles to see the magnitude or intensity of death

Line charts to show progression trends

THANK YOU!