

Project on Visualizing Data Using Tableau

- **Goal:**

The goal of the project is to use visualization to provide insight to a given data set in this case “Cause of death data set” and answer some questions about the data using Tableau visualization.

- **Data Question**

The main data question I wanted to answer with the data is the **Leading cause of death globally**

- **The steps involved are:**

- a) Downloading the data from Kaggle
- b) Reviewing the data and loading it to tableau with further review to ensure that the data is clean and ready for use.

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- **The Data Set:**

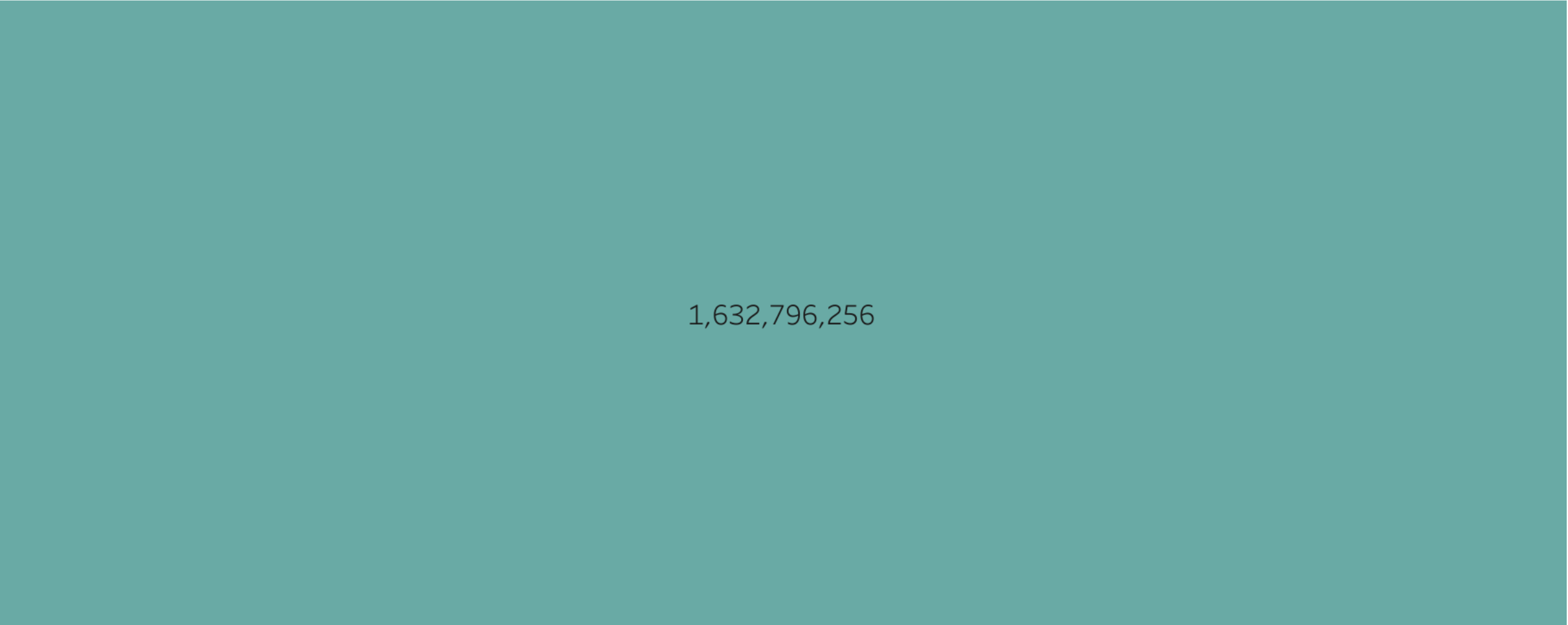
This contain 36 features which include different countries ,Number of death showing 33 listed causes of death globally and between 1990-2019

- **Rational for choosing my visualization:**

I endeavored to use visualizations that are simple for easy comprehension

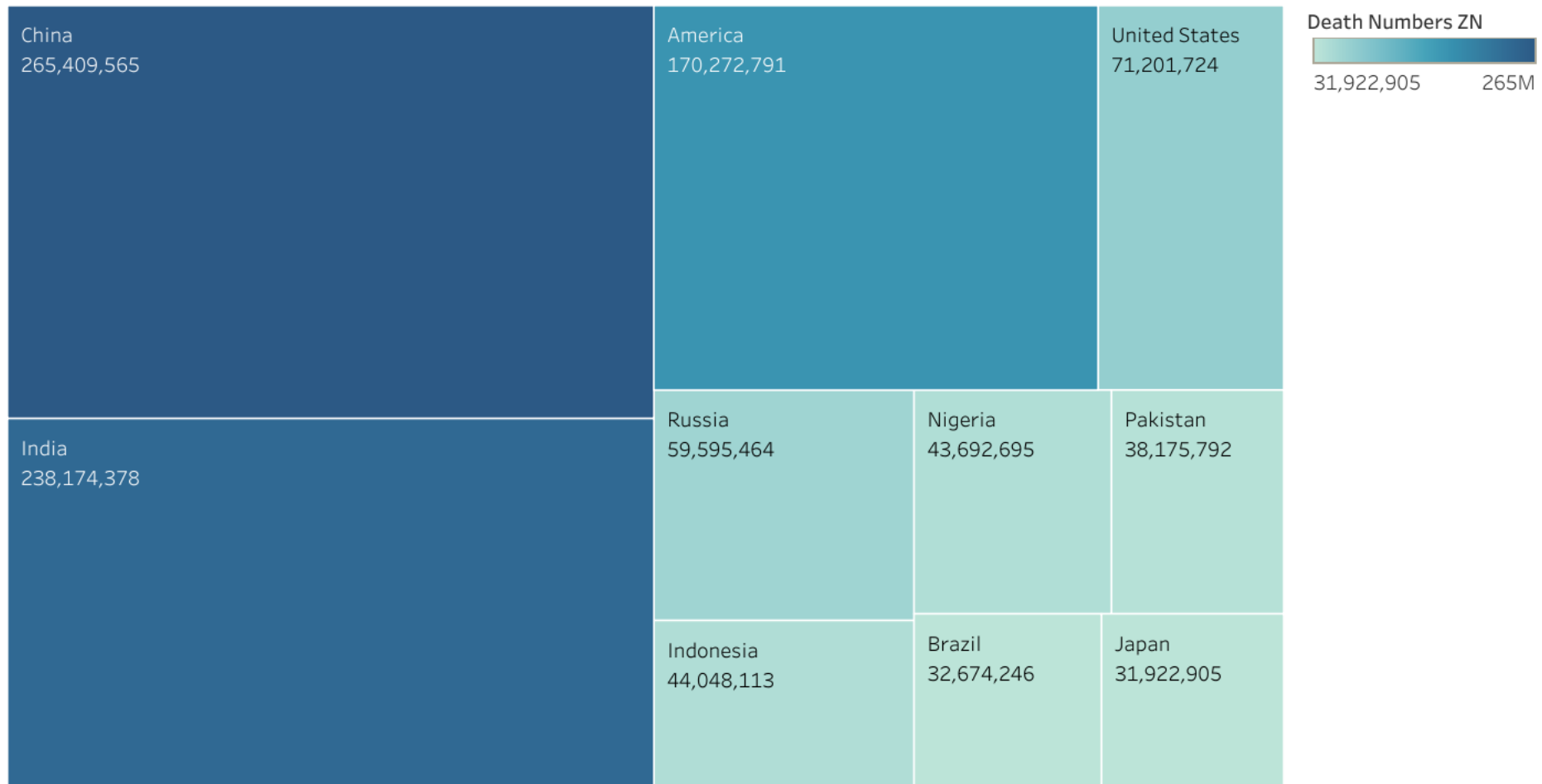
- **Result of the project is presented as visualization in the next slide.**

Total Global Death 1990-2019

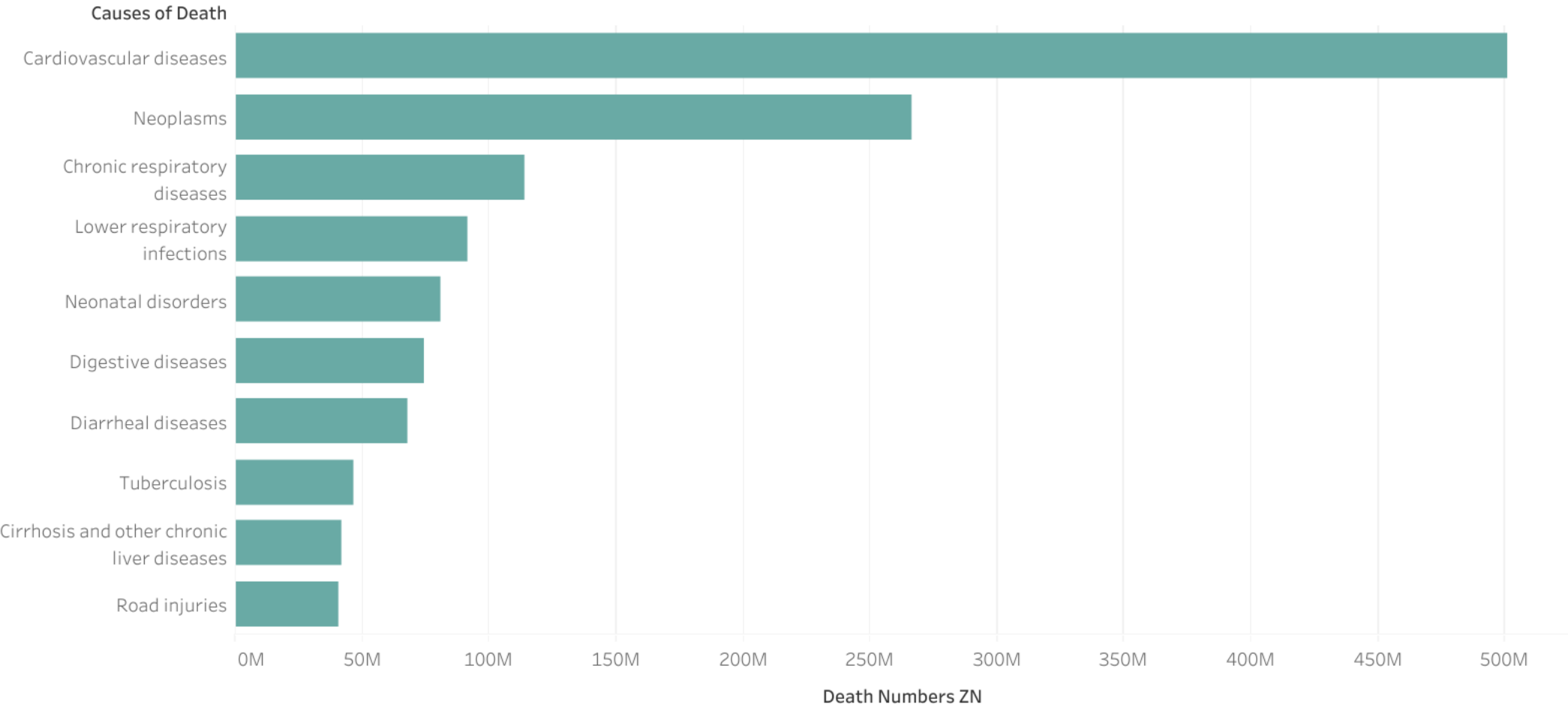


1,632,796,256

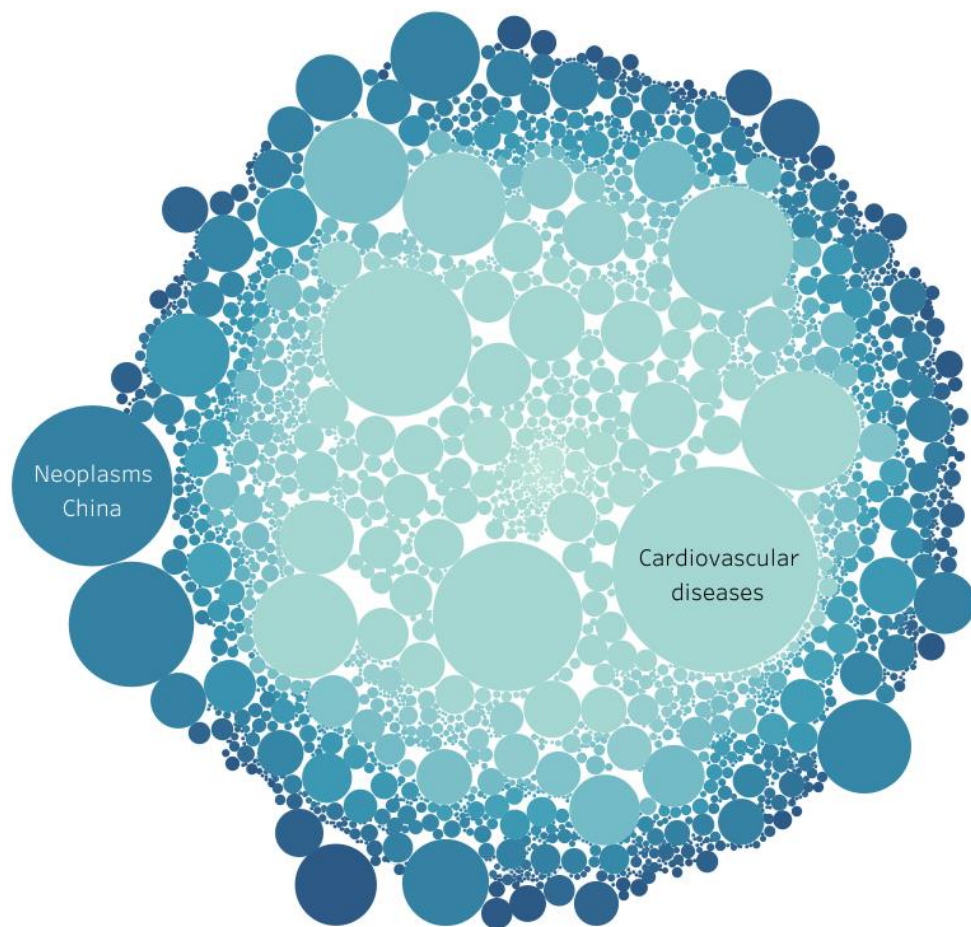
Top Countries with high death



Leading causes of death



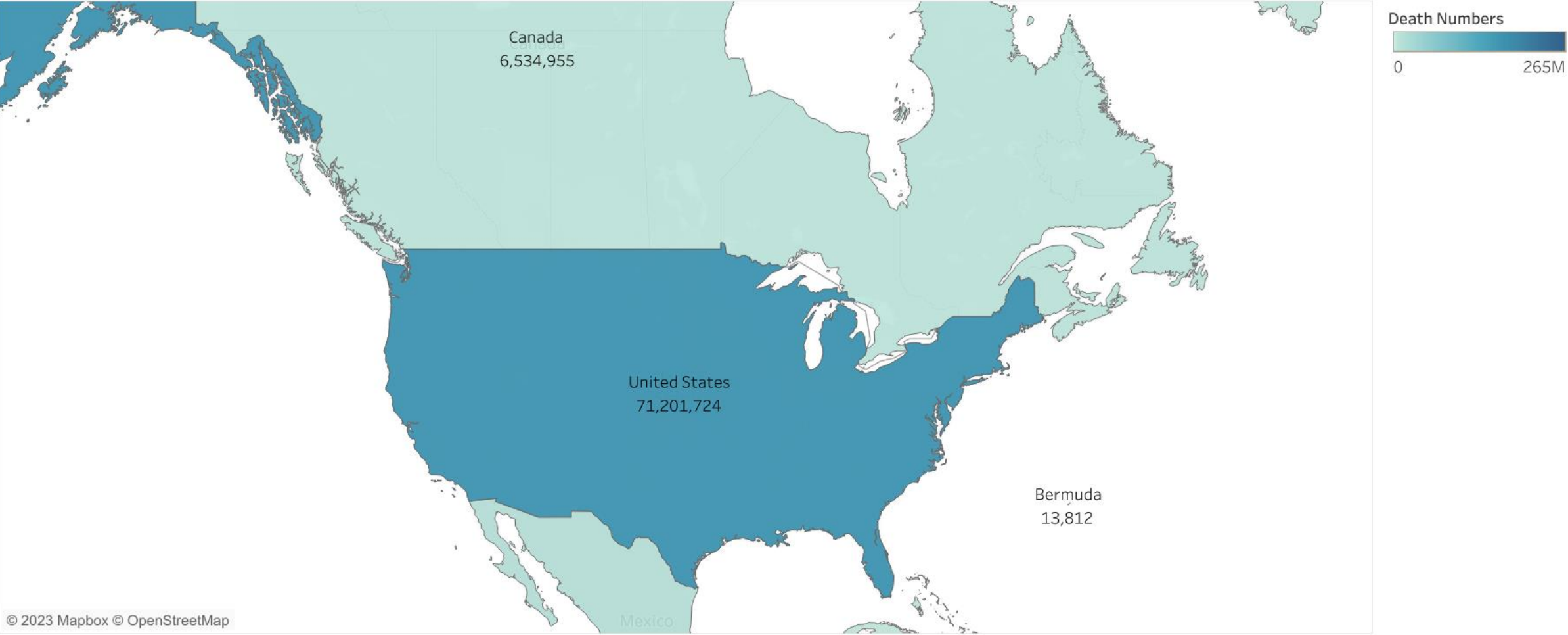
Leading cause of death by country



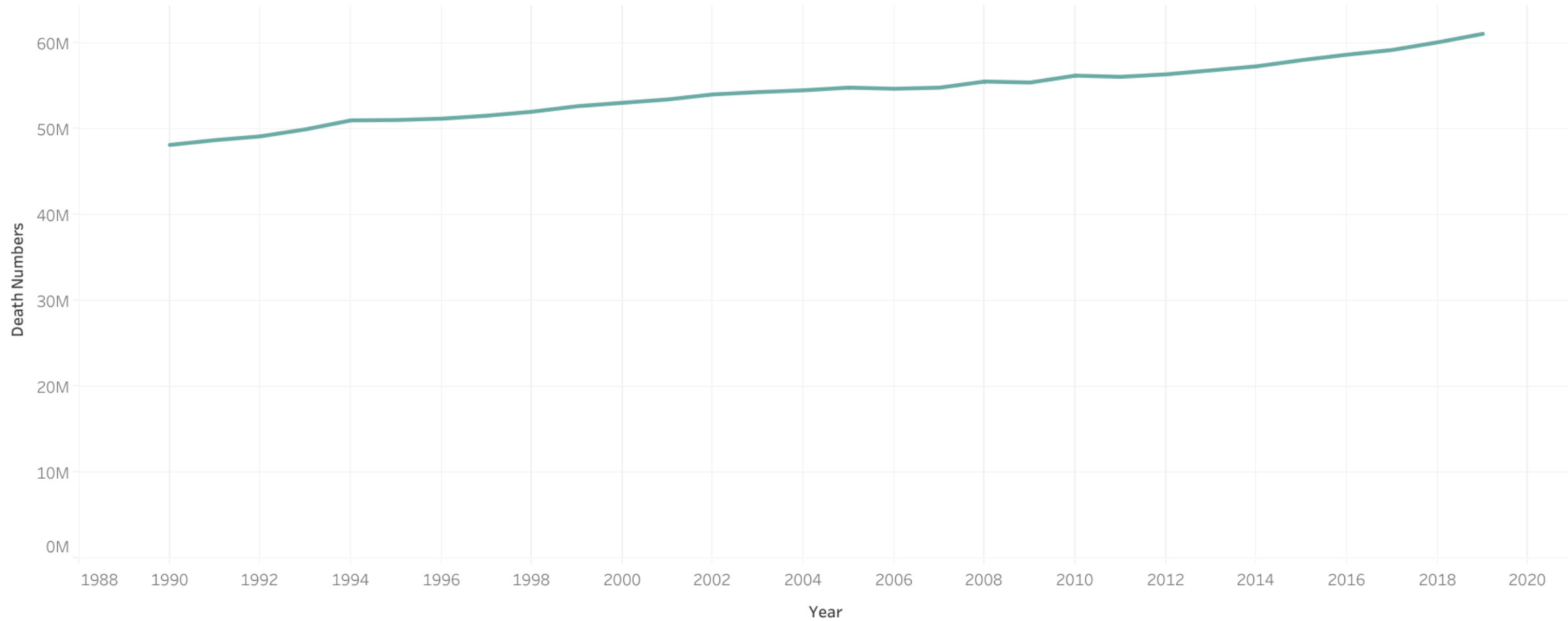
Causes of Death

- Acute hepatitis
- Alcohol use disorders
- Alzheimer's disease and other dementias
- Cardiovascular diseases
- Chronic kidney disease
- Chronic respiratory diseases
- Cirrhosis and other chronic liver diseases
- Conflict and terrorism
- Diabetes mellitus
- Diarrheal diseases
- Digestive diseases
- Drowning
- Drug use disorders
- Environmental heat and cold exposure
- Exposure to forces of nature
- Fire, heat, and hot substances
- HIV/AIDS
- Interpersonal violence
- Lower respiratory infections
- Malaria
- Maternal disorders
- Meningitis
- Neonatal disorders
- Neoplasms
- Number of executions (Amnesty International)
- Nutritional deficiencies
- Parkinson's disease
- Poisonings
- Protein-energy malnutrition
- Road injuries
- Self-harm
- Terrorism (deaths)
- Tuberculosis

Global Death Map



Death by Year



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- **My Biggest Challenge:**

As a rookie in Tableau ,it took me more time to bring out the visualizations.

- **What I would have done if I had more time:**

I would have love to explore more challenging visualizations and also probably categorize the data to reflect the different continents, regions or groupings based on countries with similar economies and possibly analyze the data along these lines.

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Thank You!