Analysis on Airline Safety Facts and Figures
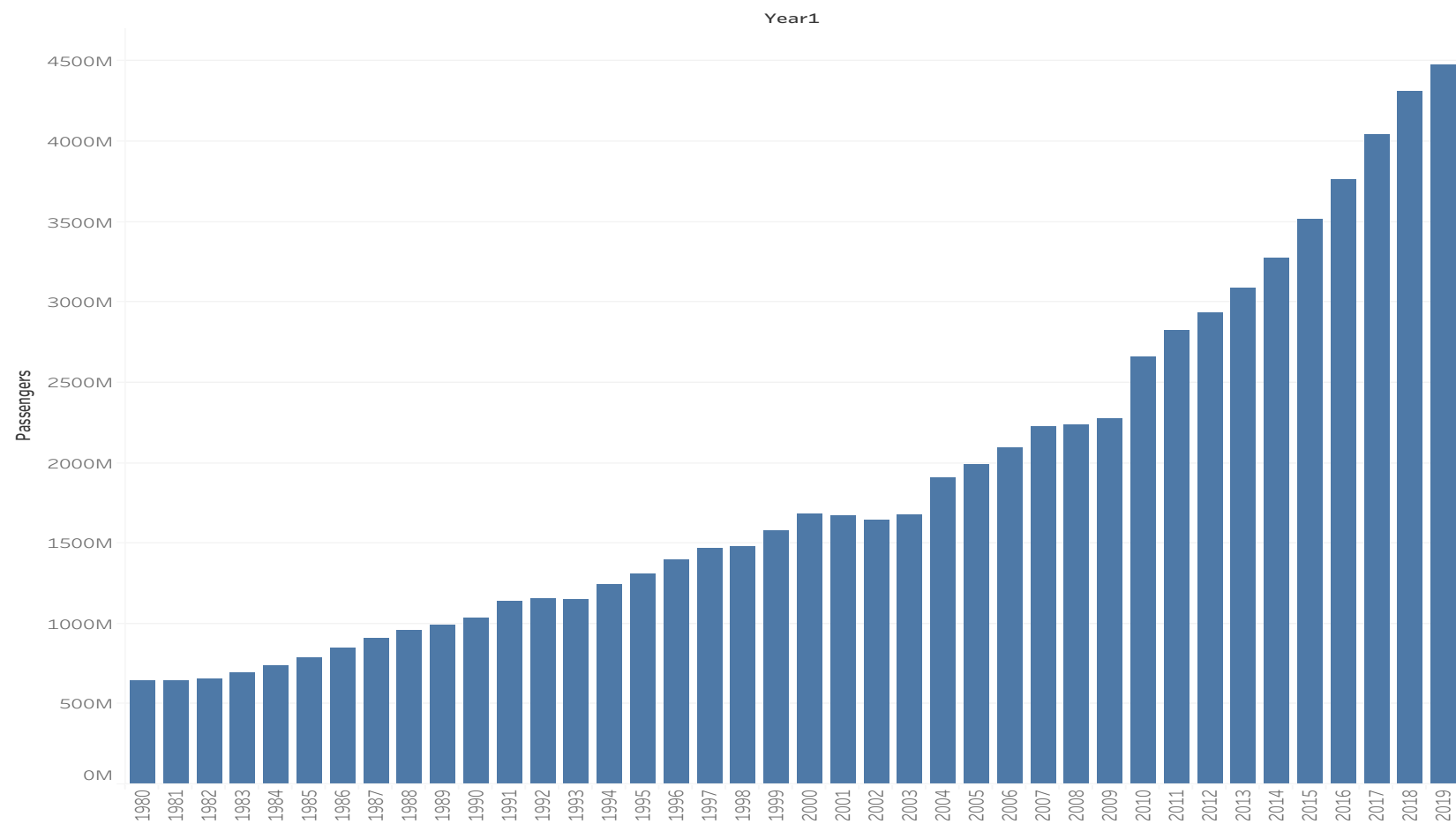

Tinto T. Kurian

Number of Airline passengers is increasing

The data clearly indicates that the number of passengers in the airlines are seeing a steady increase
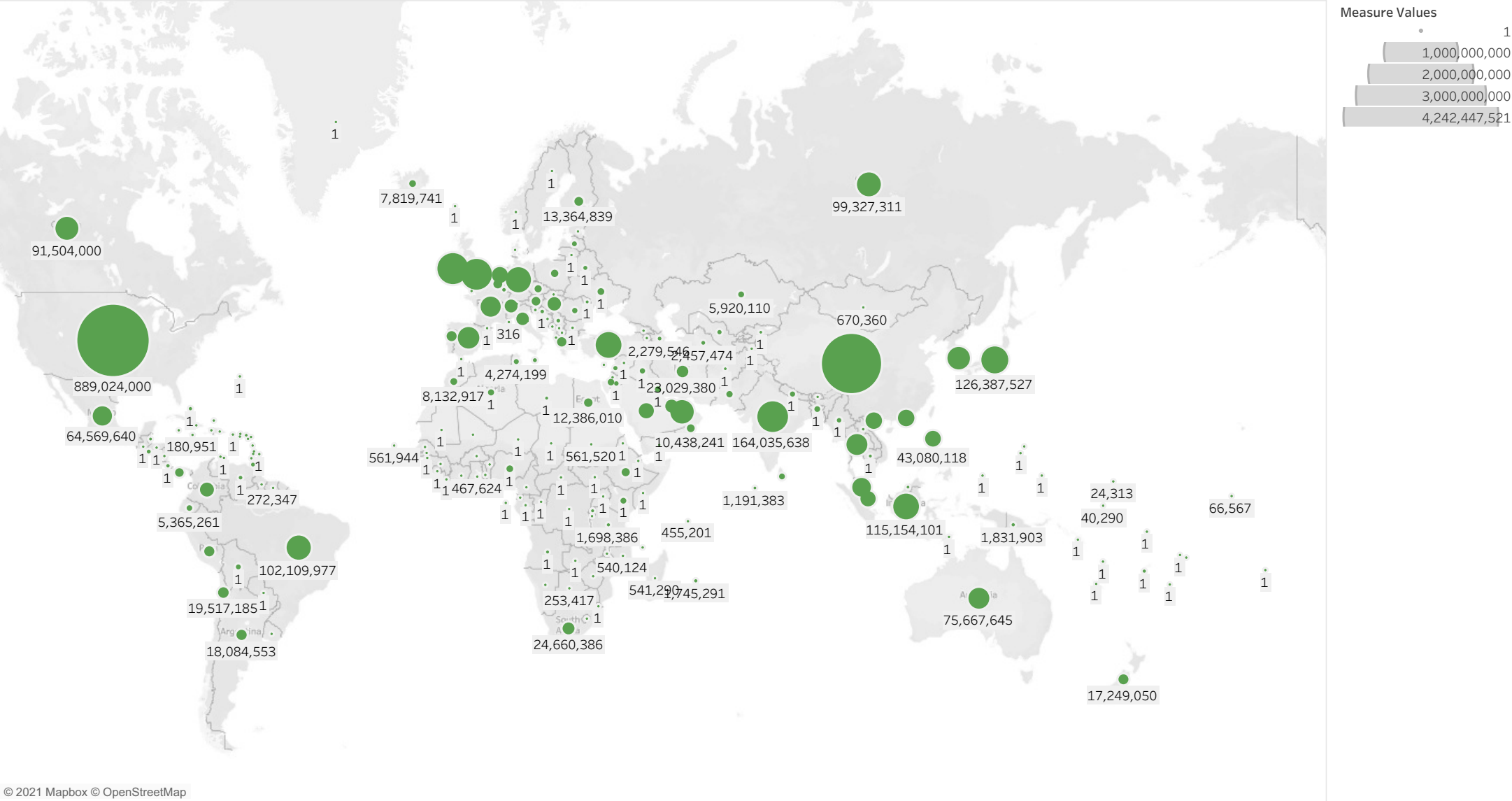
Number of passingers flying

Year1

Sum of Passengers for each Year1.

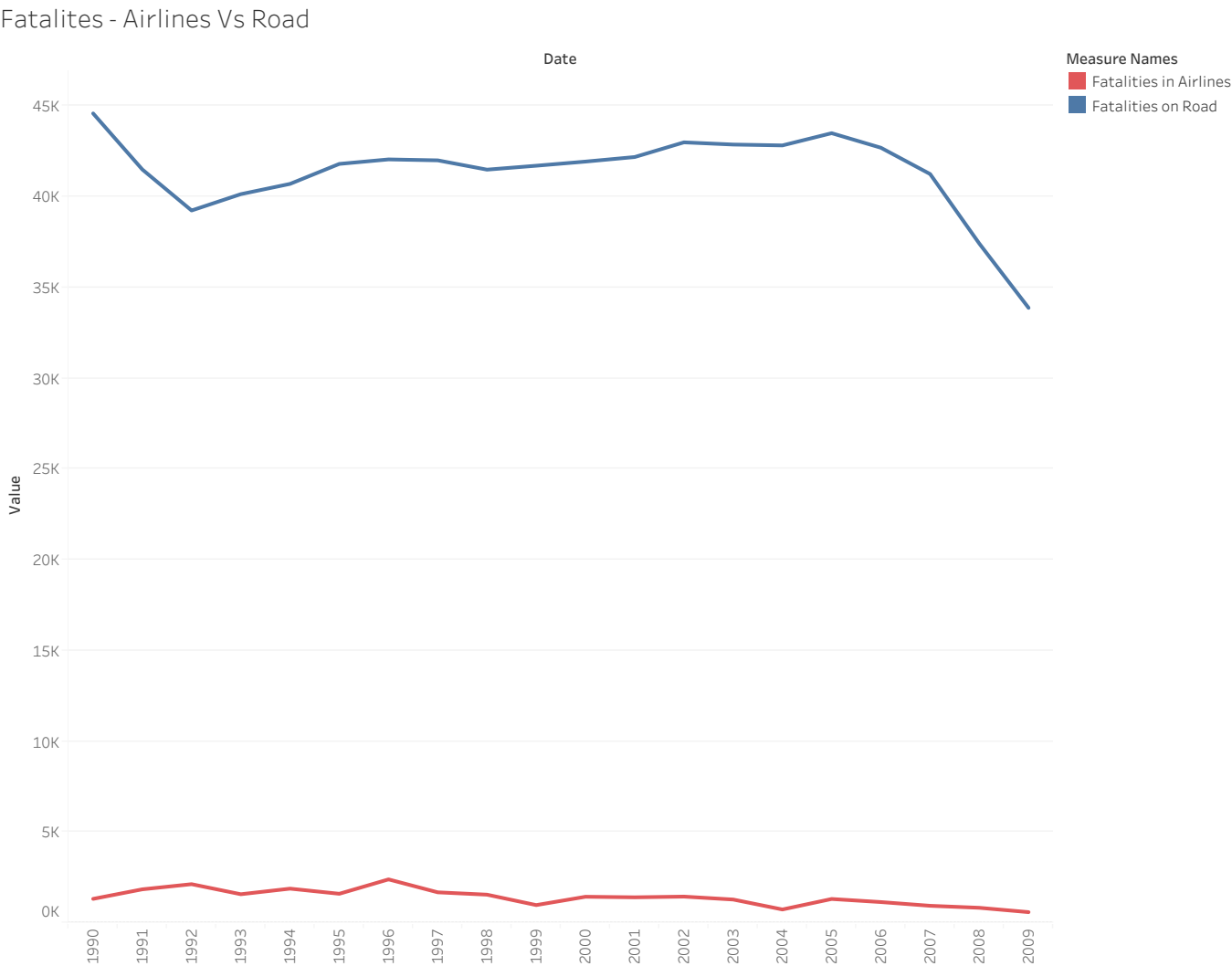# Distribution of passengers in airlines across the globe

2019 passengers flown

Measure Values

- 1
- 1,000,000,000
- 2,000,000,000
- 3,000,000,000
- 4,242,447,521

Map based on Longitude (generated) and Latitude (generated). Size shows 2018 and count of Sheet4. The marks are labeled by 2018 and count of Sheet4. Details are shown for Country Name.

© 2021 Mapbox © OpenStreetMap
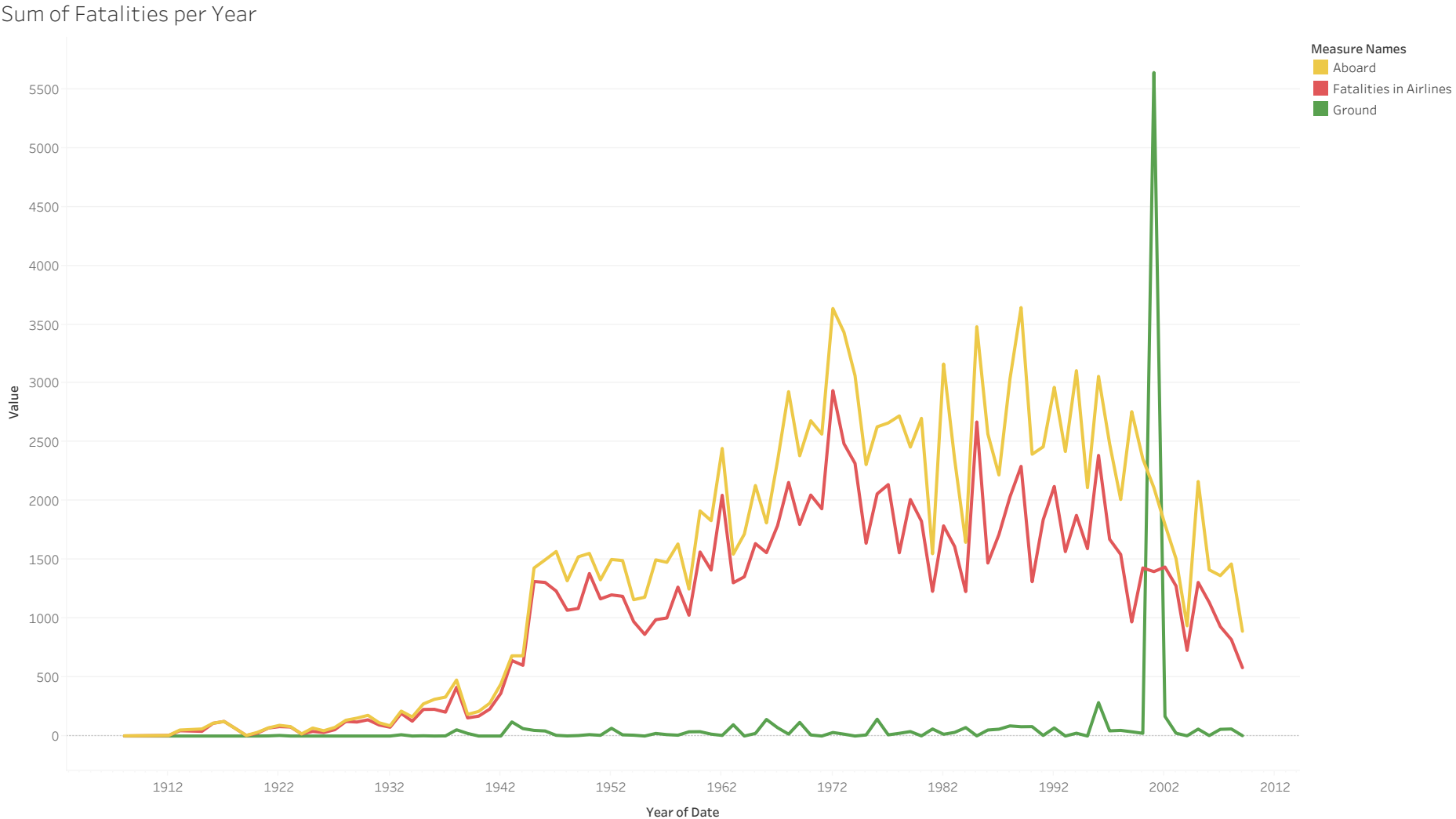
Is really Driving Safer ?

The data clearly indicates the fatalities on road are multi fold when compared to airline fatalities.

Fatalites - Airlines Vs Road

The trends of Fatalities in Airlines and Fatalities on Road for Date Year. Color shows details about Fatalities in Airlines and Fatalities on Road. The view is filtered on Date Year, which has multiple members selected.
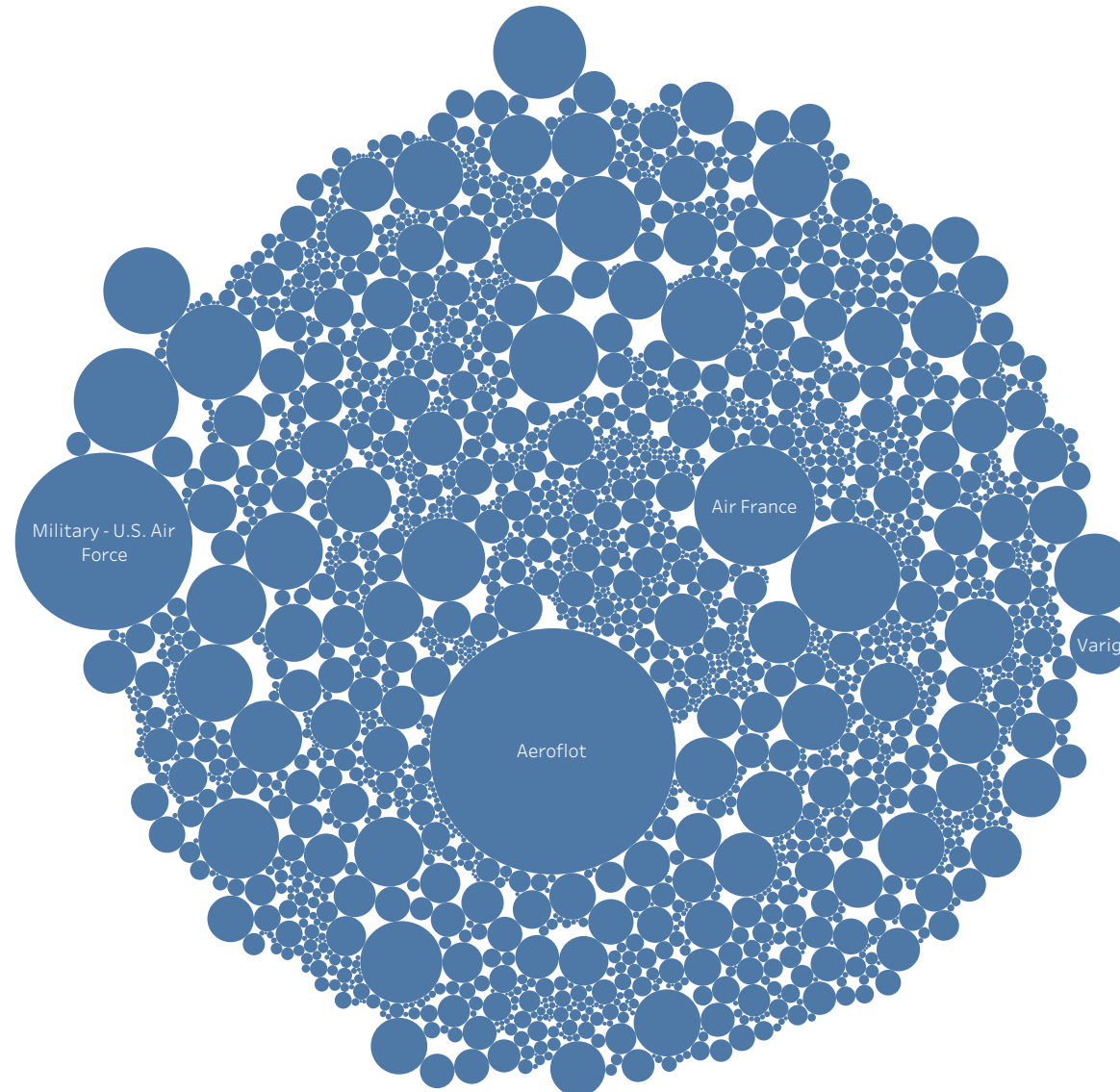
Are Airline fatalities increasing?

We can see that there had been a consistent decline in the fatalities in airlines from the early 80s.

Sum of Fatalities per Year

The trends of Aboard, Fatalities in Airlines and Ground for Date Year. Color shows details about Aboard, Fatalities in Airlines and Ground.
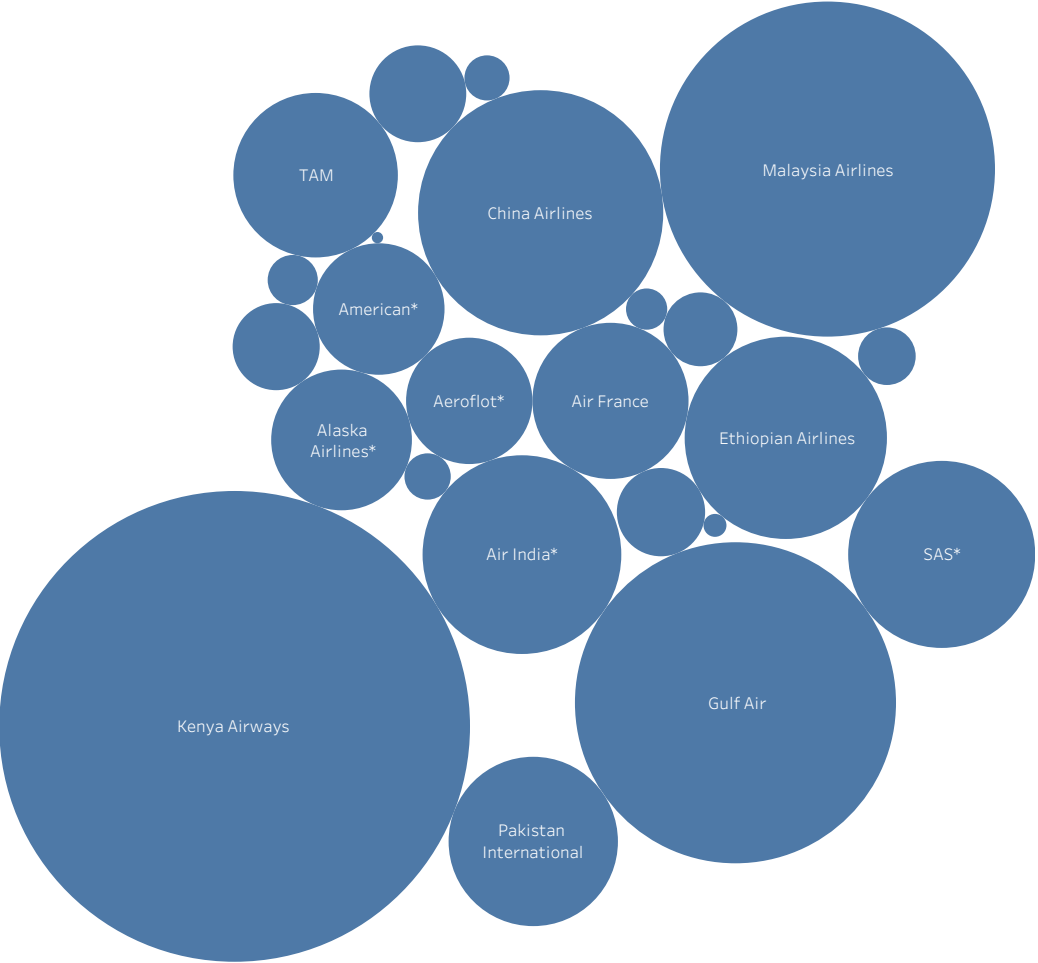
Fatalities per Airlines

Fatalities by Airlines

Military - U.S. Air Force

Air France

Varig

Aeroflot

Operator. Size shows sum of Fatalities. The marks are labeled by Operator.

Airplane Fatalities 2000 to 2014 per One Trillion Kilometers

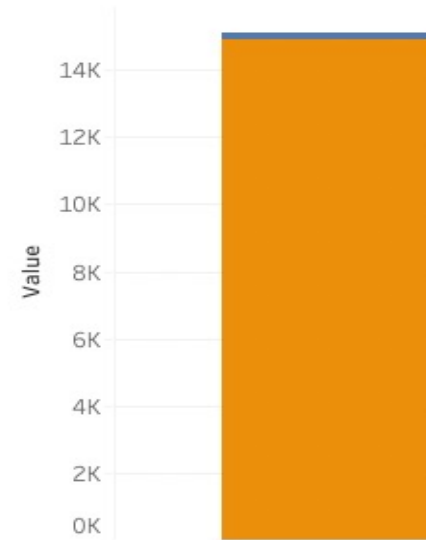Airplane Fatalities 2000 to 2014 per One Trillion Kilometers

Airline. Size shows sum of Trillion Avail Seat Km Fatalities 00 14. The marks are labeled by Airline.
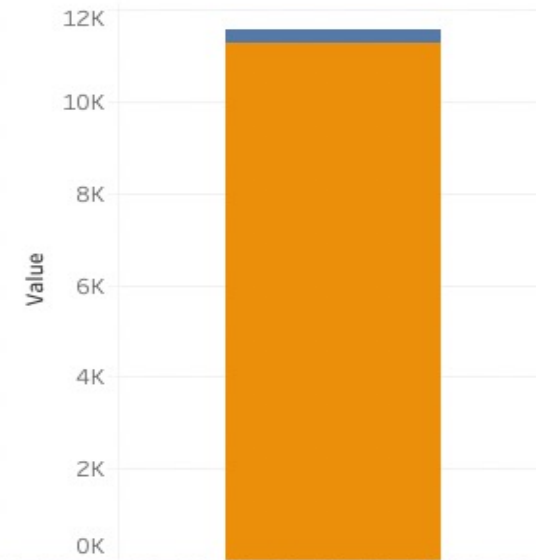
Measure Names
■ AroplaneSumOfFatalAccidents 85 99
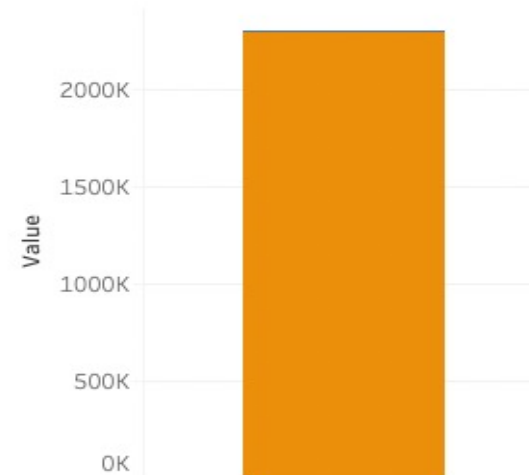■ trillion km Fatalities 85 99

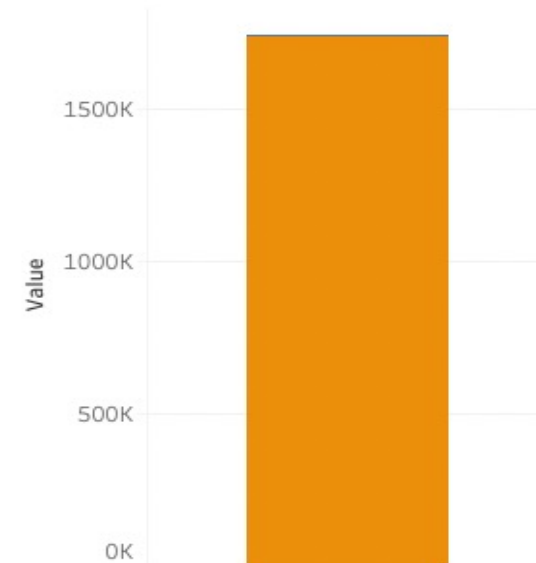**Number of Fatalities Airplane Vs Car per One Trillion Kilometers -1985 to 1999**

Number of Fatalities Airplane Vs Car per One Trillion Kilometers - 2000 to 2014

Number of Fatal Accidents Airplane Vs Car per One Trillion Kilometers - 1985 to 1999

Number of Fatal Accidents Airplane Vs Car per One Trillion Kilometers - 2000 to 2014
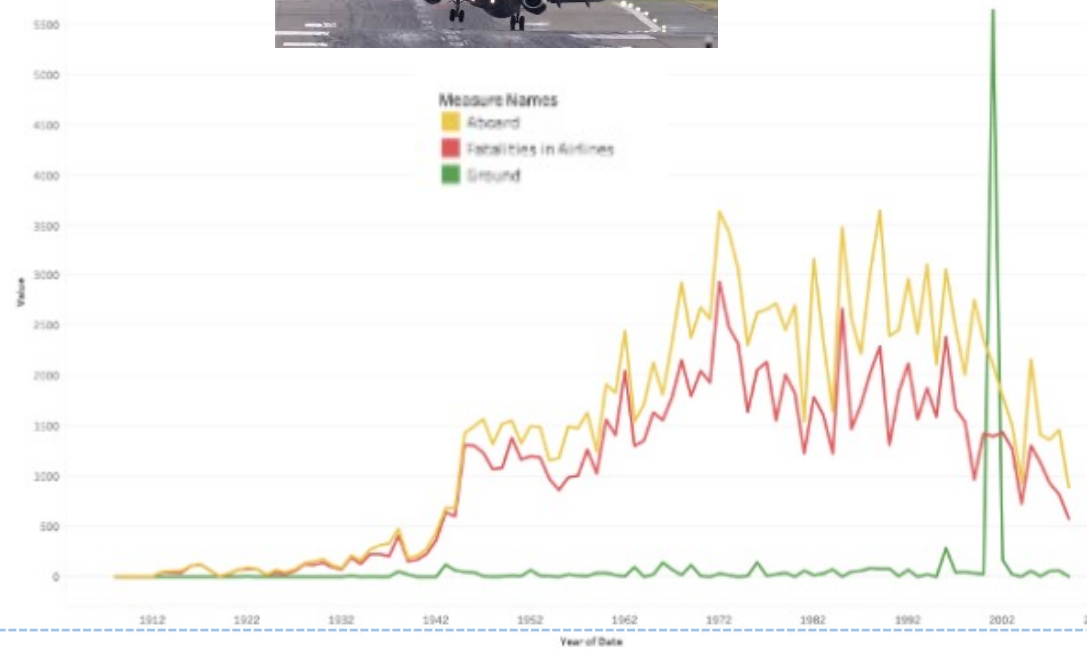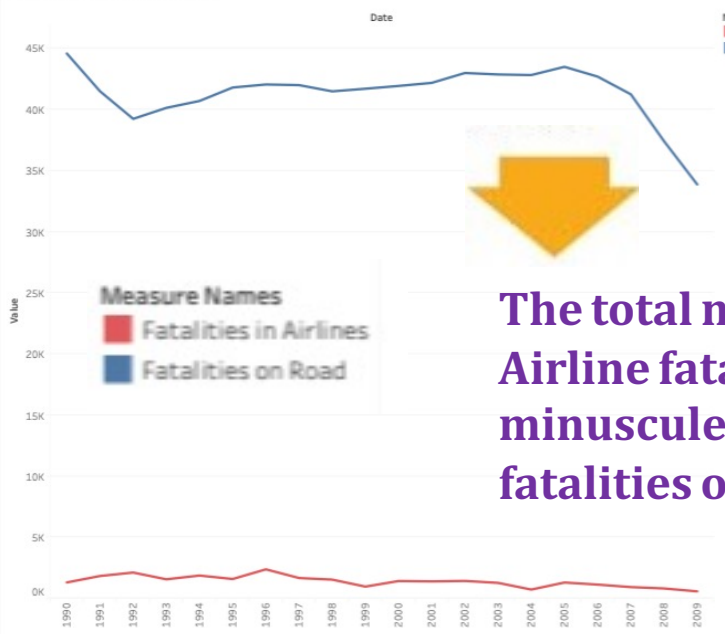
Airline Safety : Facts and Figures

US, Europe & China has the most airline travelers

2019 passengers flown

The overall accidents and incidents on Airlines have come down over the years

Fatalites - Airlines Vs Road

The total number of Airline fatalities are minuscule compared to fatalities on road

Measure Names
- Fatalities in Airlines
- Fatalities on Road

There were only 180 Airplane Fatalities VS ~15K Car Fatalities per One Trillion Kilometers **In years** 1985 **to** 1999 .

There were only 306 Airplane Fatalities VS ~11K Car Fatalities per One Trillion Kilometers **In years** 2000 **to** 2014 .

Thank you, **Professor Benjamin Schneider**, for all the support and guidance through out this project.

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Thank you