

# Analysis on Airline Safety

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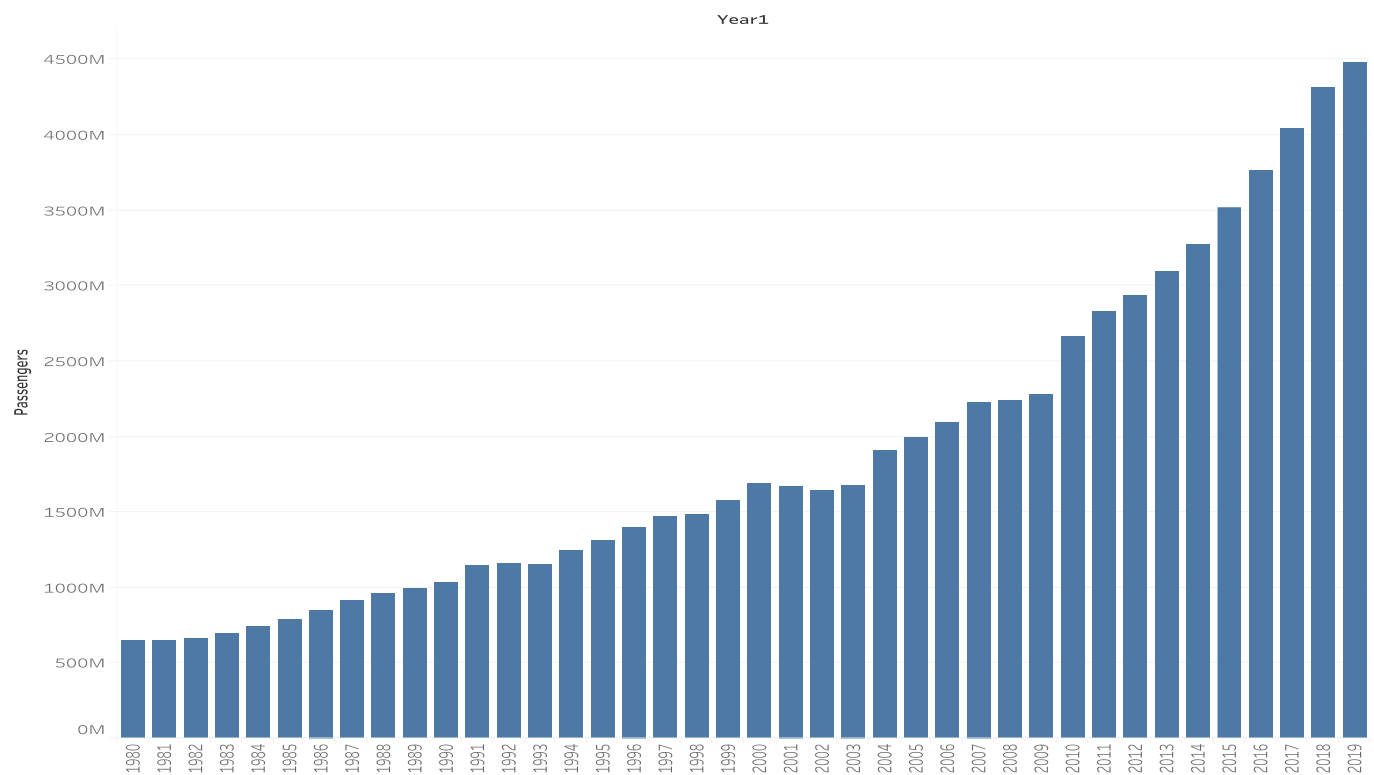
Tinto T. Kurian

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## 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

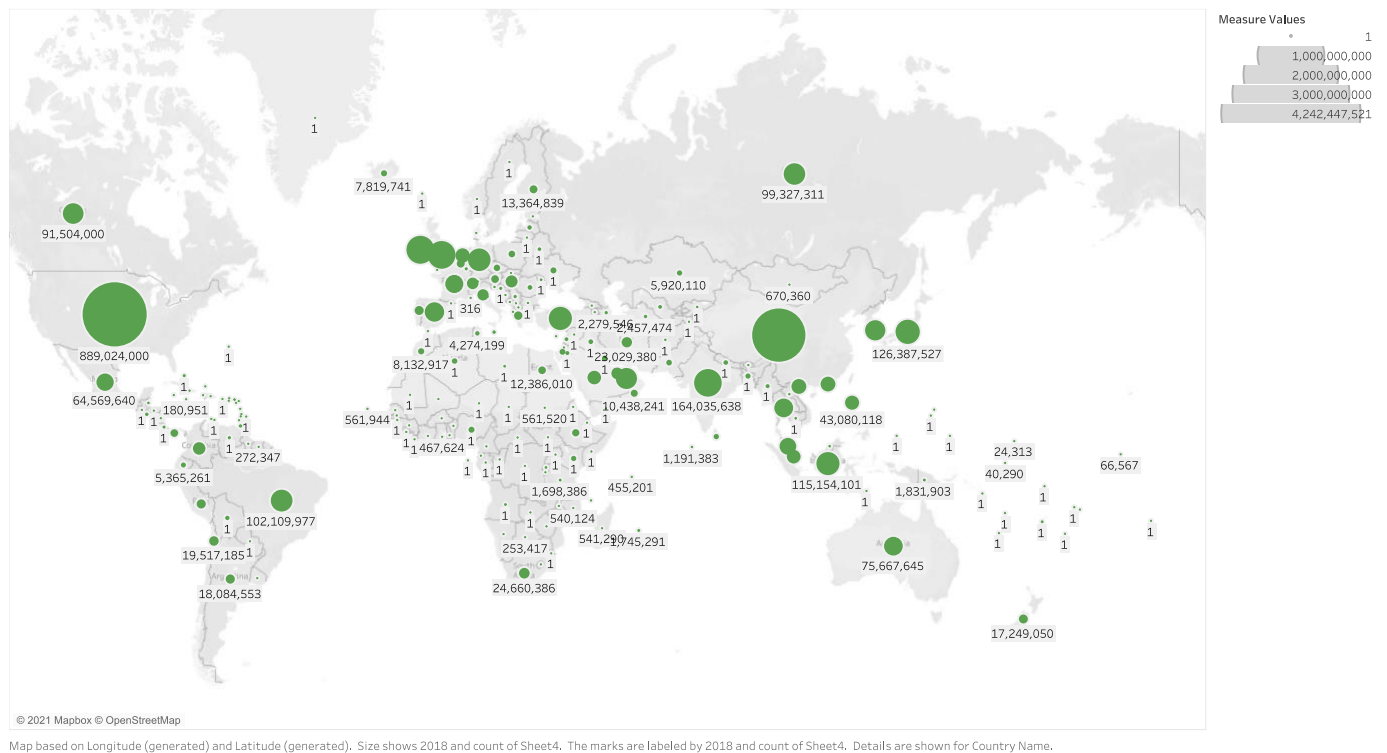


Sum of Passengers for each Year1.

(data.worldbank.org, n.d.)

# Distribution of passengers in airlines across the globe

2019 passengers flown



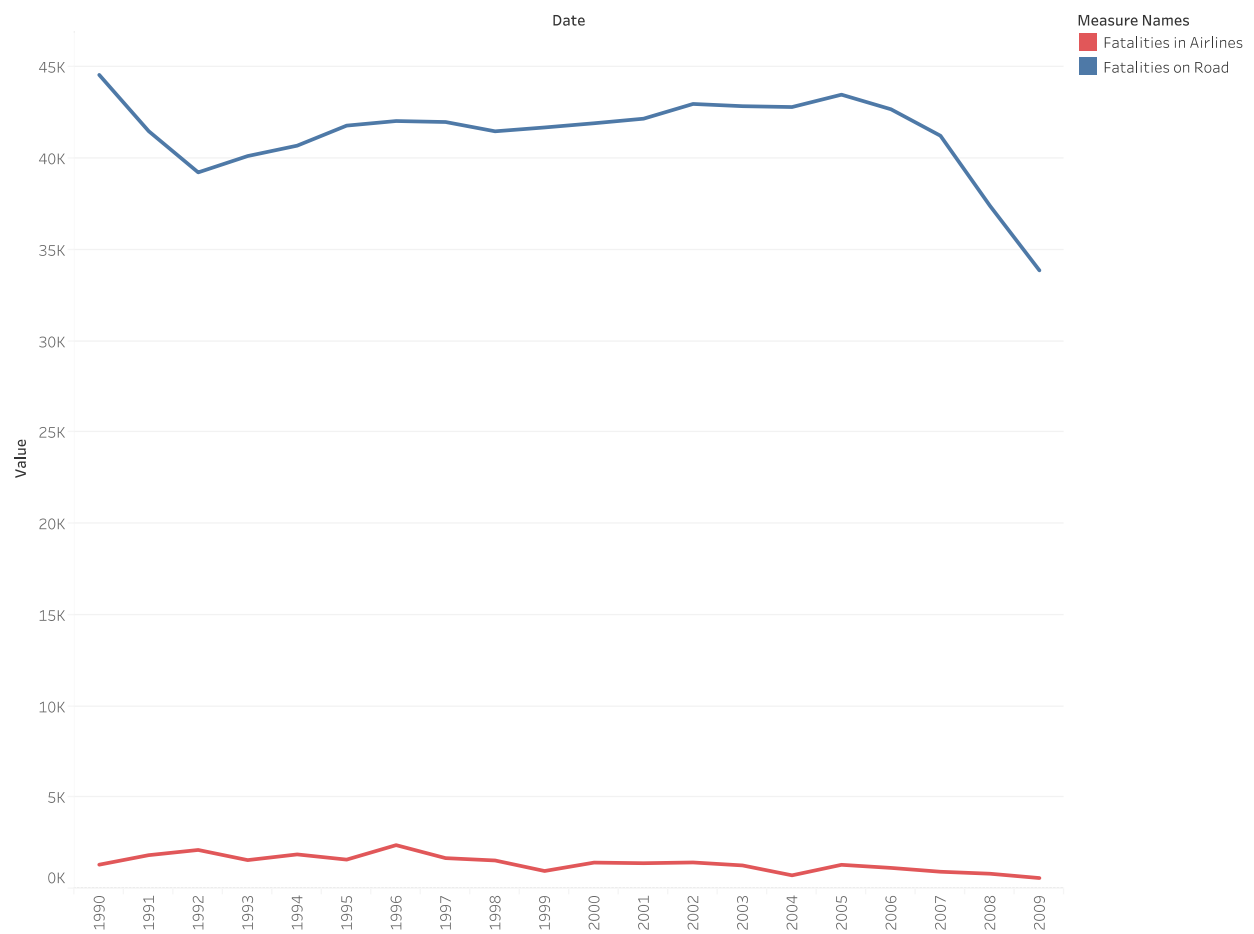
(data.worldbank.org, n.d.)

With the given distribution we can see that America, Europe, China are the countries with the most passengers using airlines.

## Is really Driving Safer ?

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

Fatalities - Airlines Vs Road

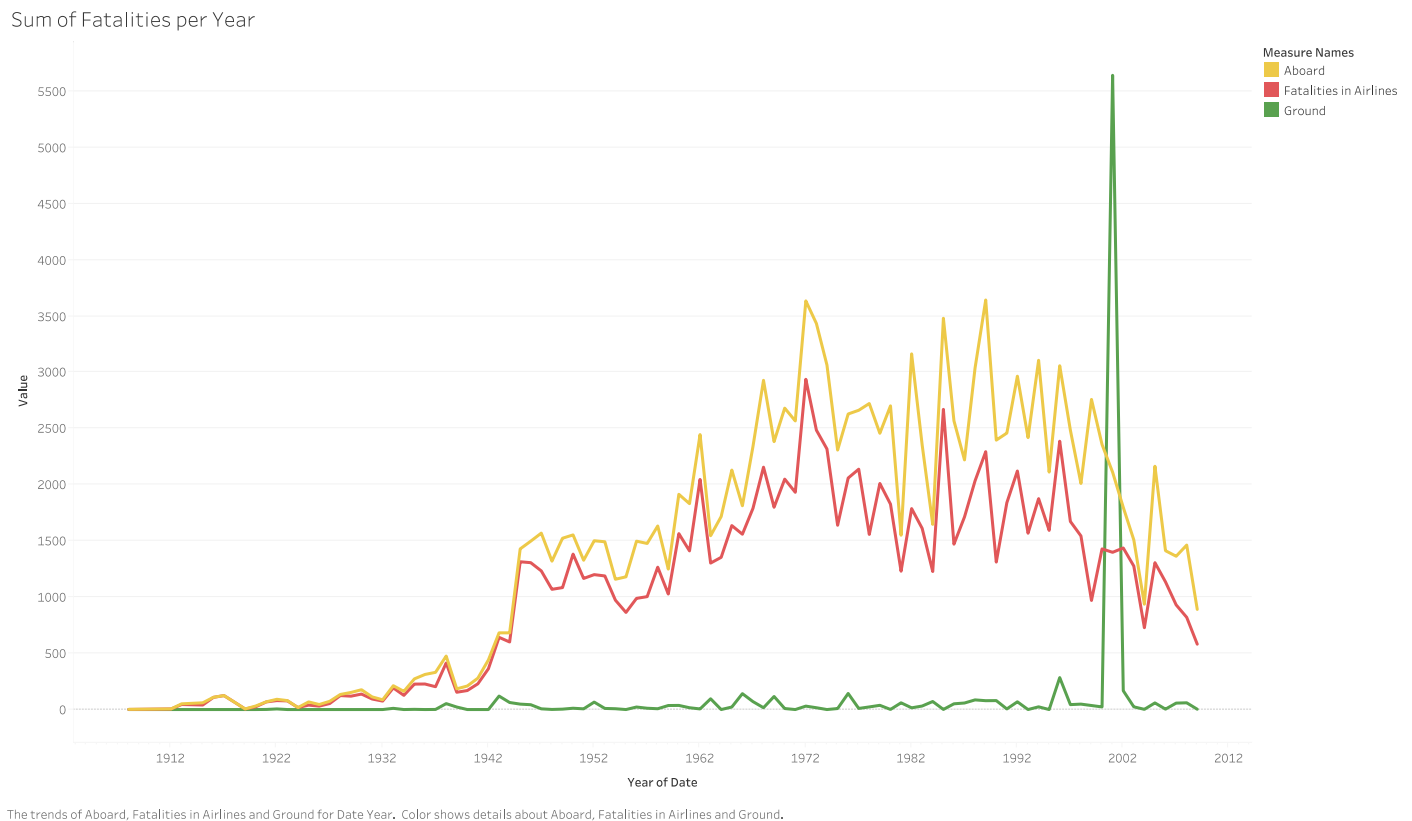


The trends of Fatalities in Airlines and Fatalities on Road for Date Year. Color shows details about Fatalities in Airlines and Fatalities on Road. The view is filtered on Date Year, which has multiple members selected.

Airlines continues to remain safer than road travel though media is painting a different picture.

## Are Airline fatalities increasing?

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

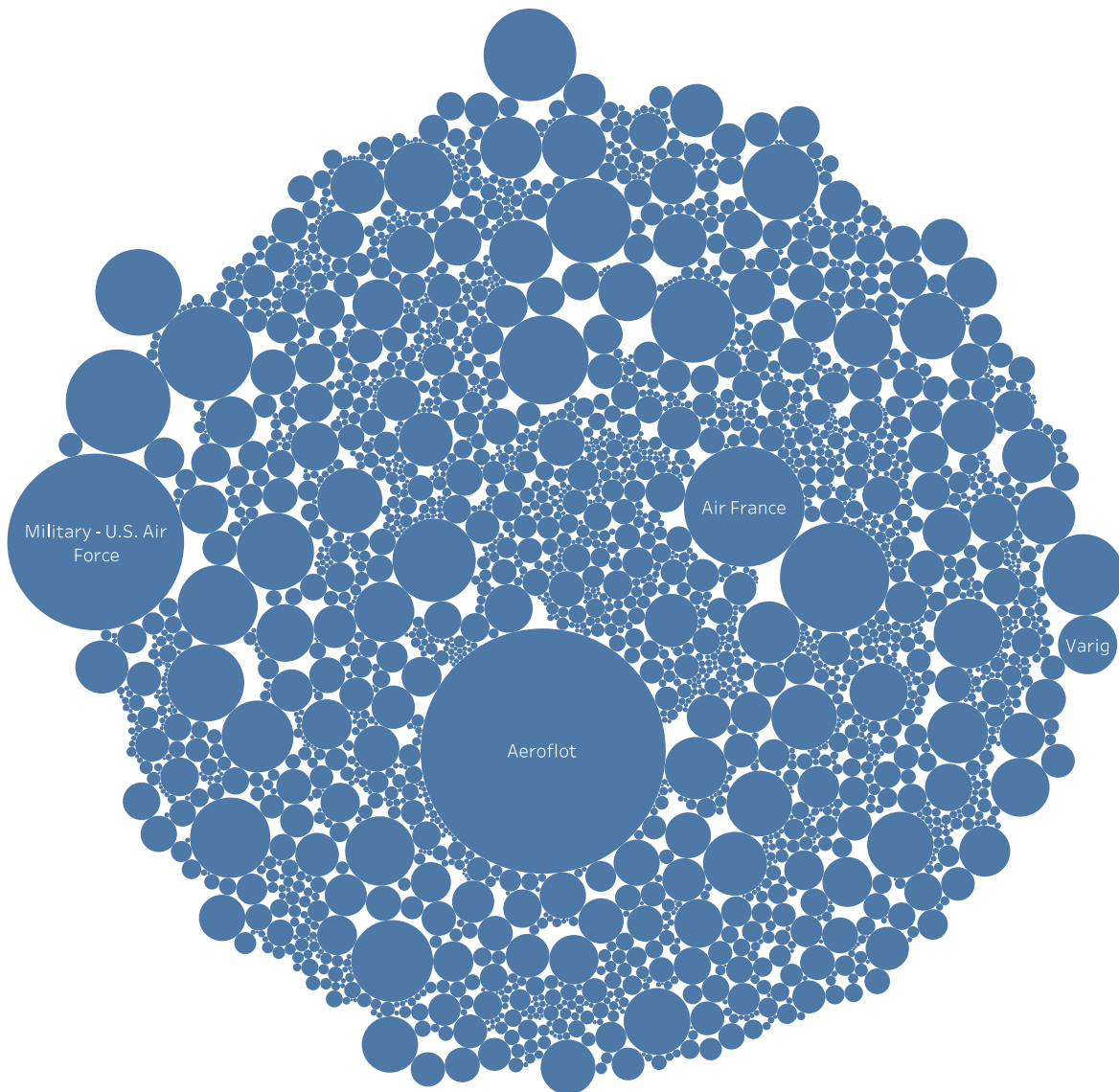


(airplane-crashes-since-1908, n.d.)

There has not been a increase in the fatalities in air travel.

# Fatalities per Airlines

Fatalities by Airlines

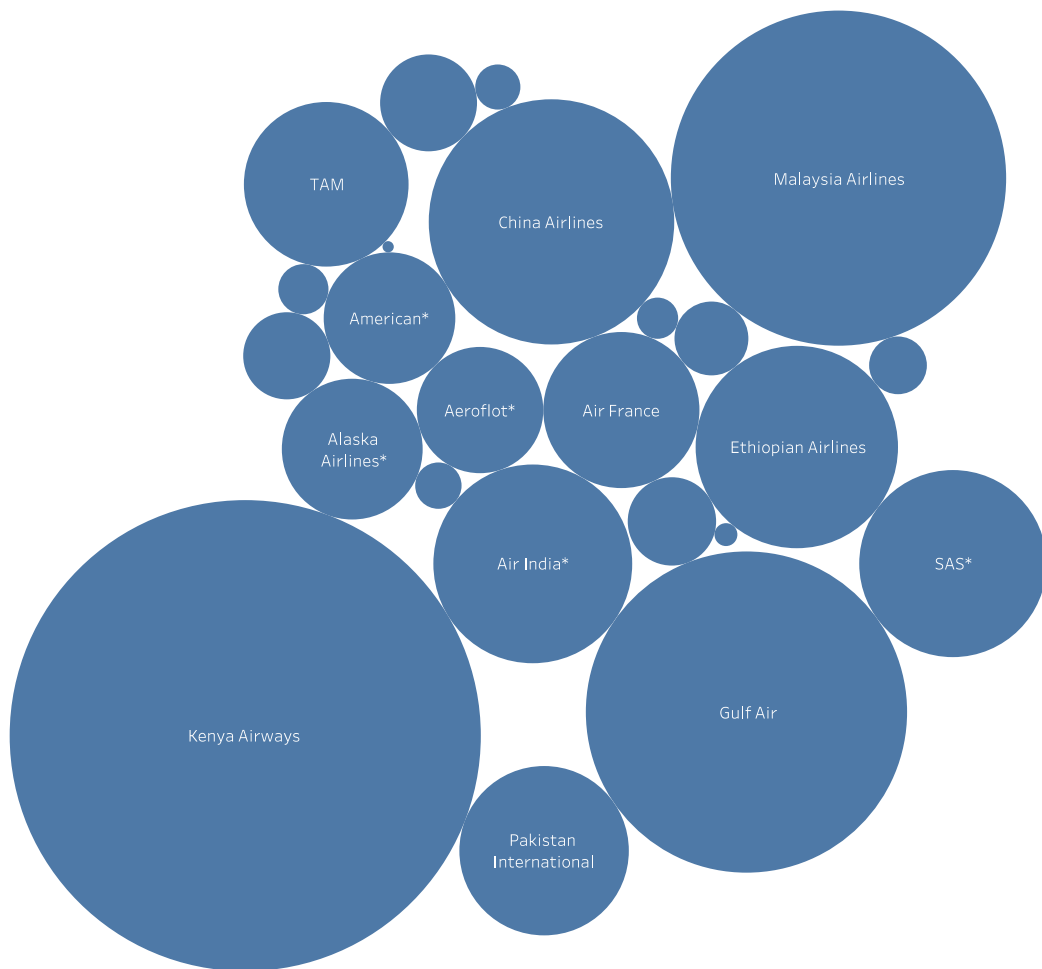


Operator. Size shows sum of Fatalities. The marks are labeled by Operator.

(airplane-crashes-since-1908, n.d.)

## 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.

(airplane-crashes-since-1908, n.d.)

## Bibliography

*airplane-crashes-since-1908*. (n.d.). Retrieved from

<https://www.kaggle.com/saurograndi/airplane-crashes-since-1908>

*data.worldbank.org*. (n.d.). Retrieved from

<https://data.worldbank.org/indicator/IS.AIR.PSGR?end=2019&start=1970&view=chart>