



Airline Metrics

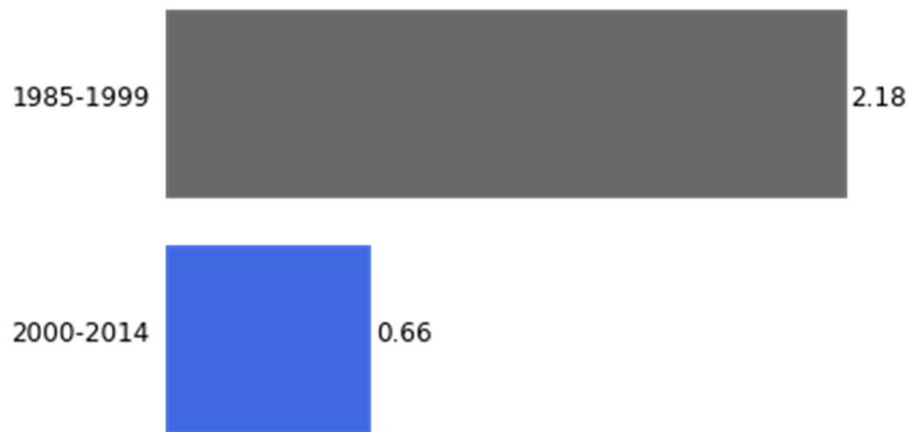
Evan Edmunds



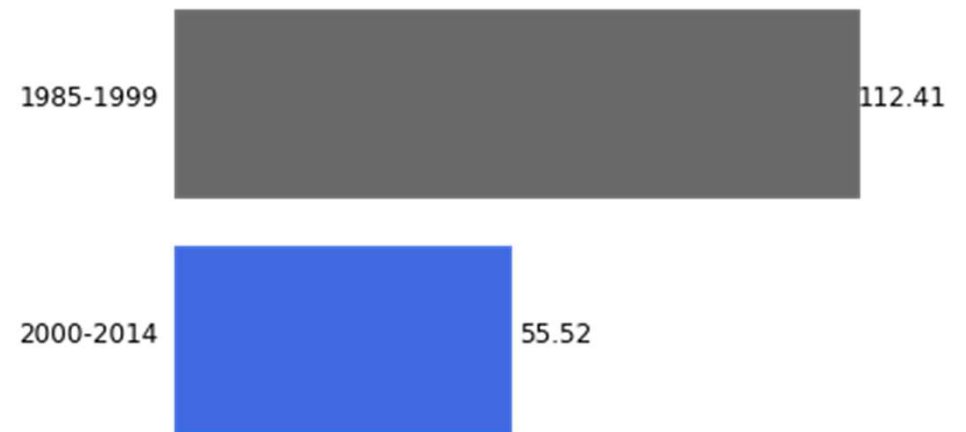
Aircraft Danger, Now and Then

- There is a noticeable decrease in the mean number of fatalities and fatal accidents across airlines worldwide.

Mean Fatal Airline Accidents Change Over Time



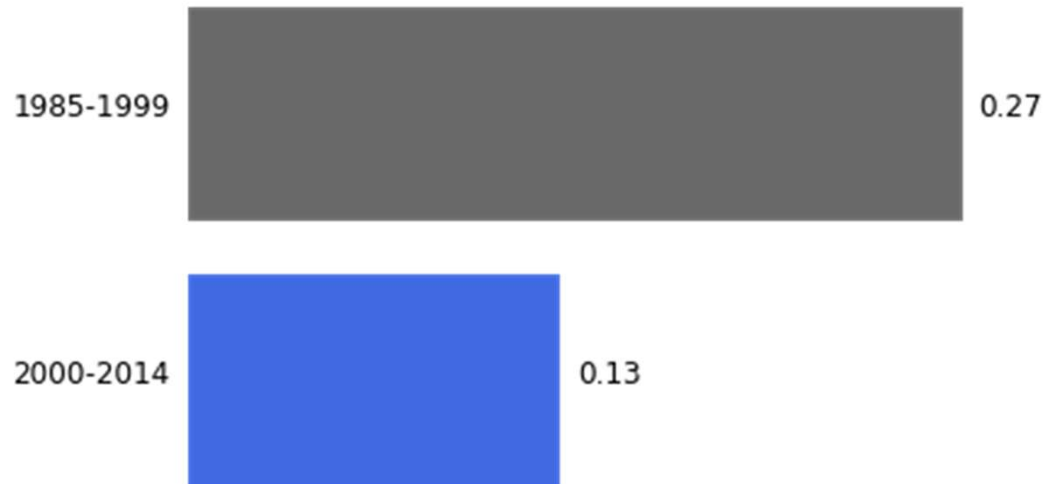
Mean Airline Fatalities Change Over Time



Aircraft Fatalities Standardized by Distance

- Even when accounting for the total distance travelled, there is a noticeable decrease in mean airline fatalities across airlines, world-wide.

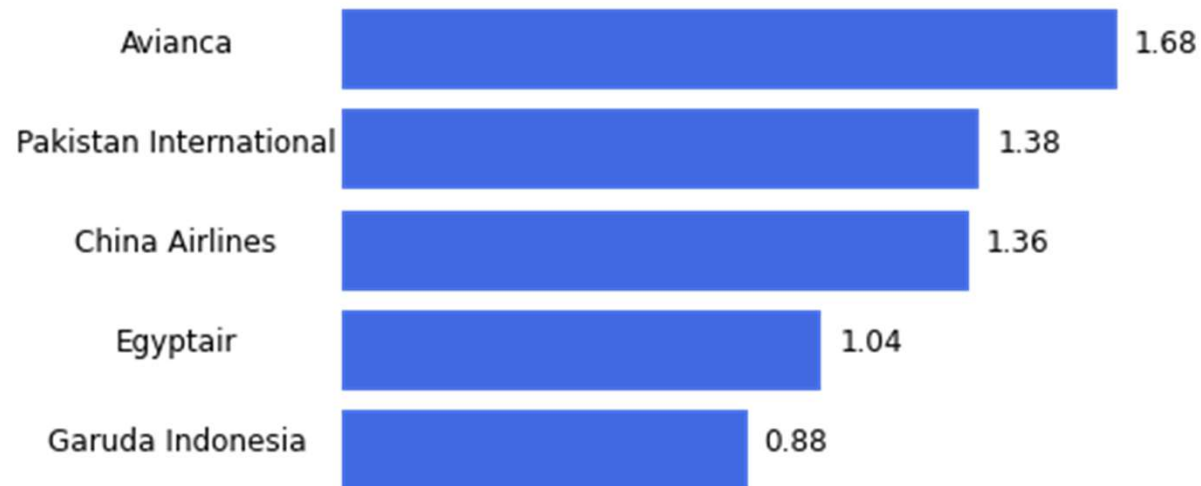
Mean Airline Fatalities per Billion Miles Traveled



5 Deadliest Airlines (1985-1999)

- From the period of 1985 – 1999, these five international airlines had the most fatalities per billion miles travelled.

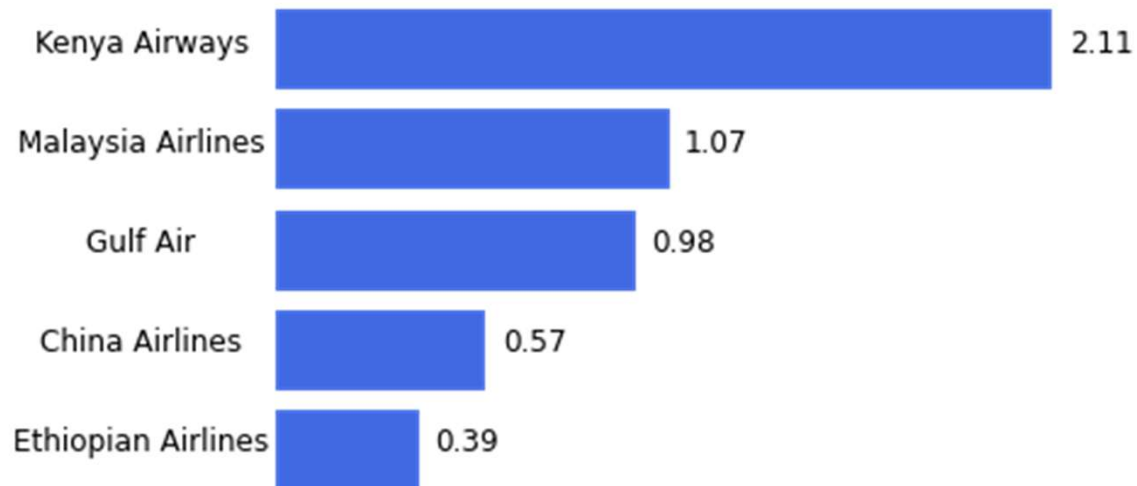
5 Airlines with Fatalities per Billion Seat Miles (1985-1999)



5 Deadliest Airlines (2000-2014)

- Most of the values are reduced since 1985 – 1999.
- Kenya Airways is the notable exception, having a higher fatality rate than any other country across both time periods.

5 Airlines with Fatalities per Billion Seat Miles (2000-2014)



Concerning Domestic Affairs

- In the past 5 years, the net margin has remained consistent, while the labor expenses have been steadily increasing.
- This will need to be closely monitored if we are to implement additional safety procedures.

