

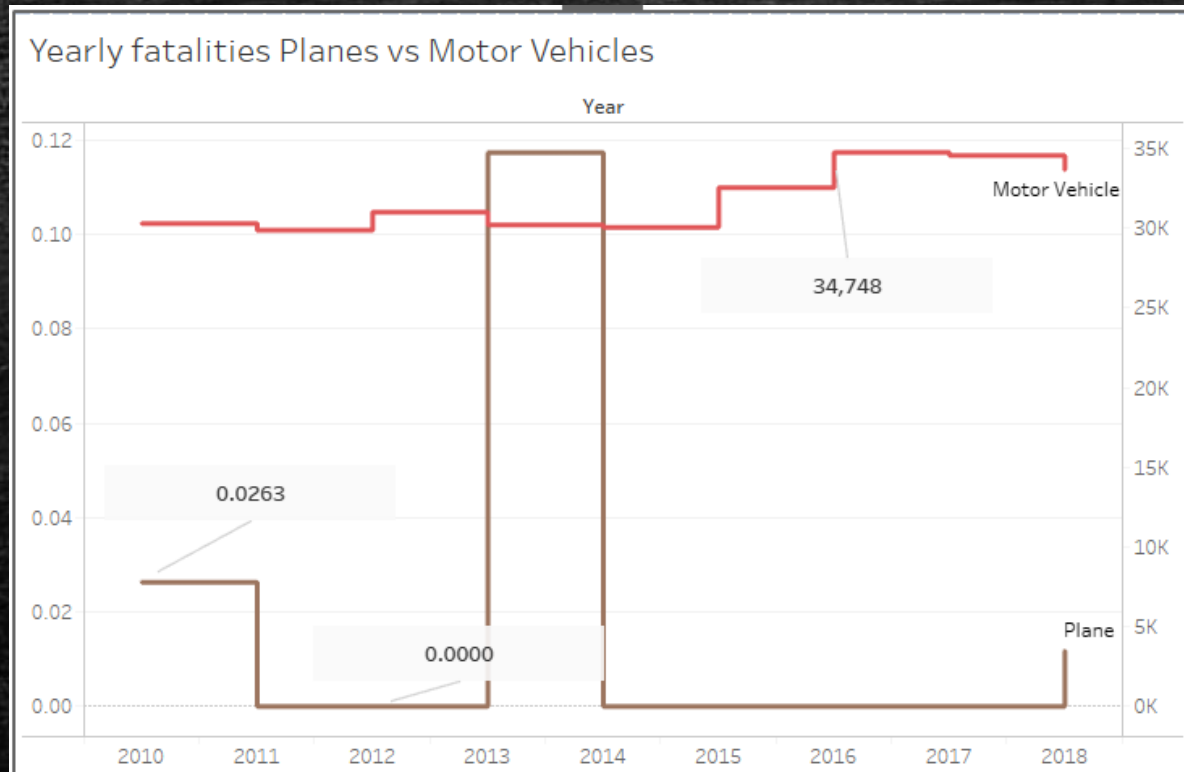
Air Travel

Safety and confidence
-Matthew Scanlan

Overview

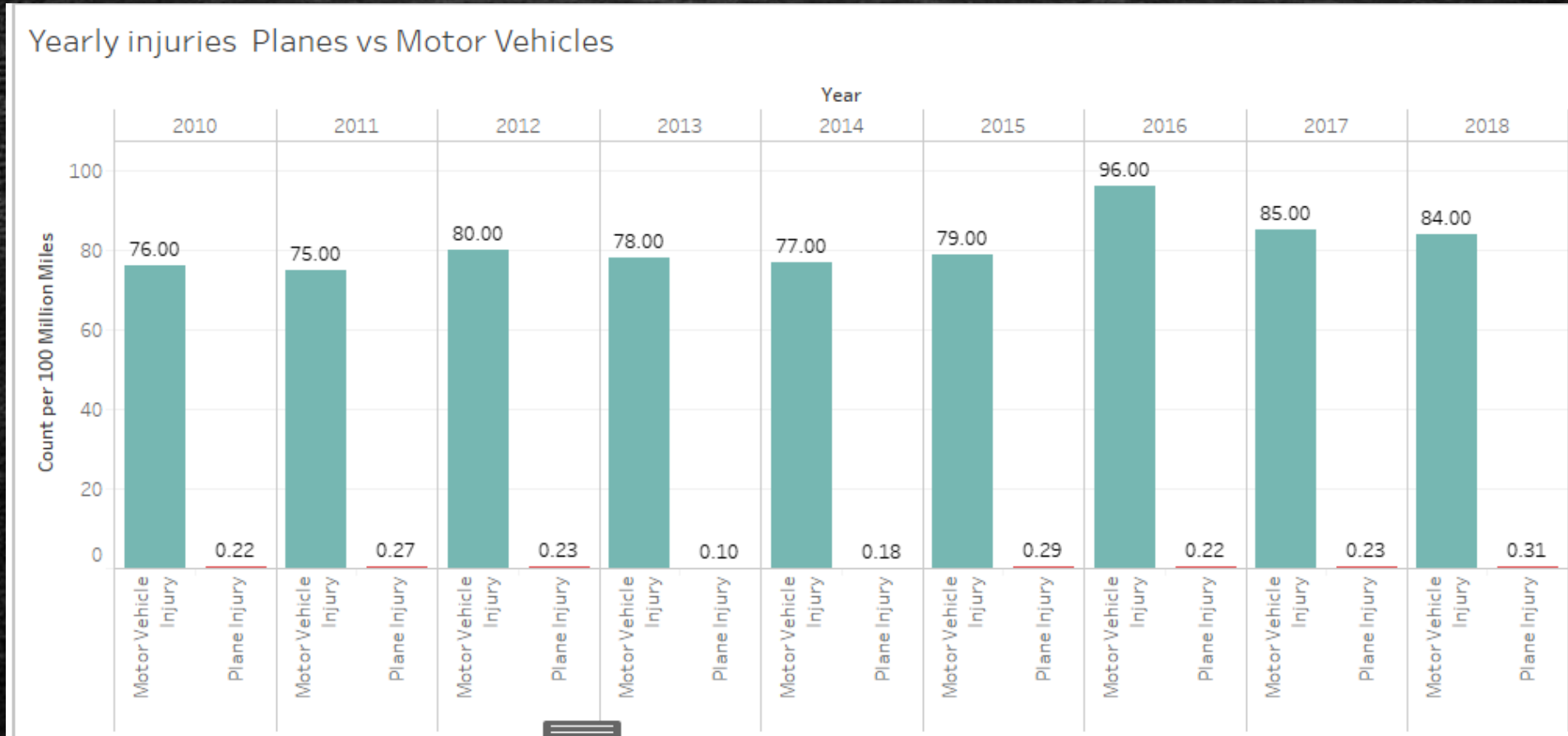
- The analysis conducted has shown two key points
 - Traveling via air planes is much safer than the alternative.
 - Public confidence has had an increasing trend In the long run

Fatalities



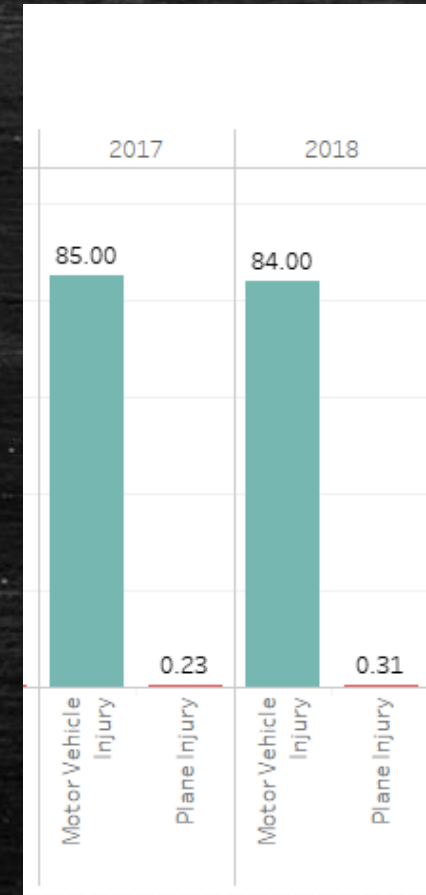
From this chart we can see that fatalities occur at a rate nearly 1.3 Million times more frequently when not traveling on a plane.

Injuries on planes vs motor vehicles



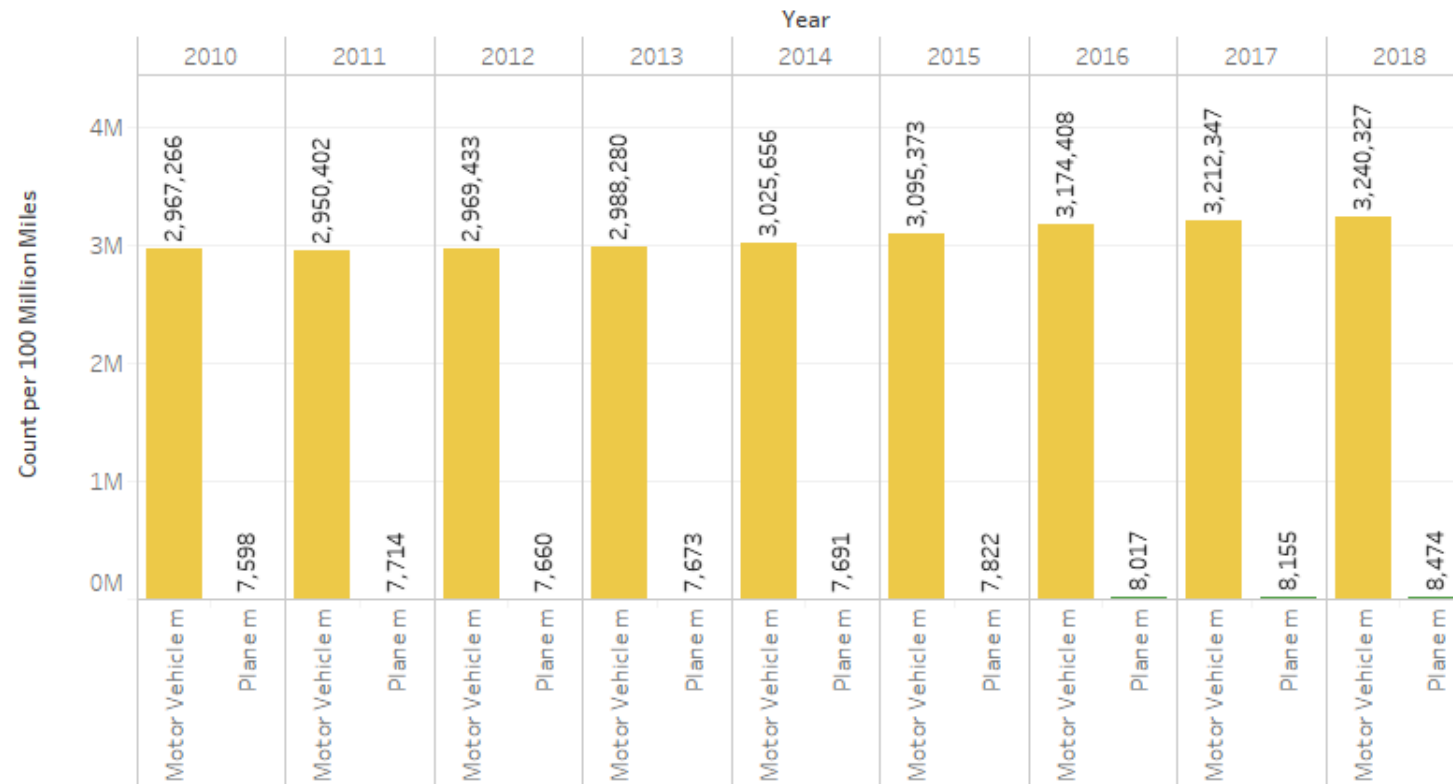
Injuries

- This chart shows us that an injury is around 270 times more likely to occur when not traveling via a plane.



Miles Traveled by Mode of Transport

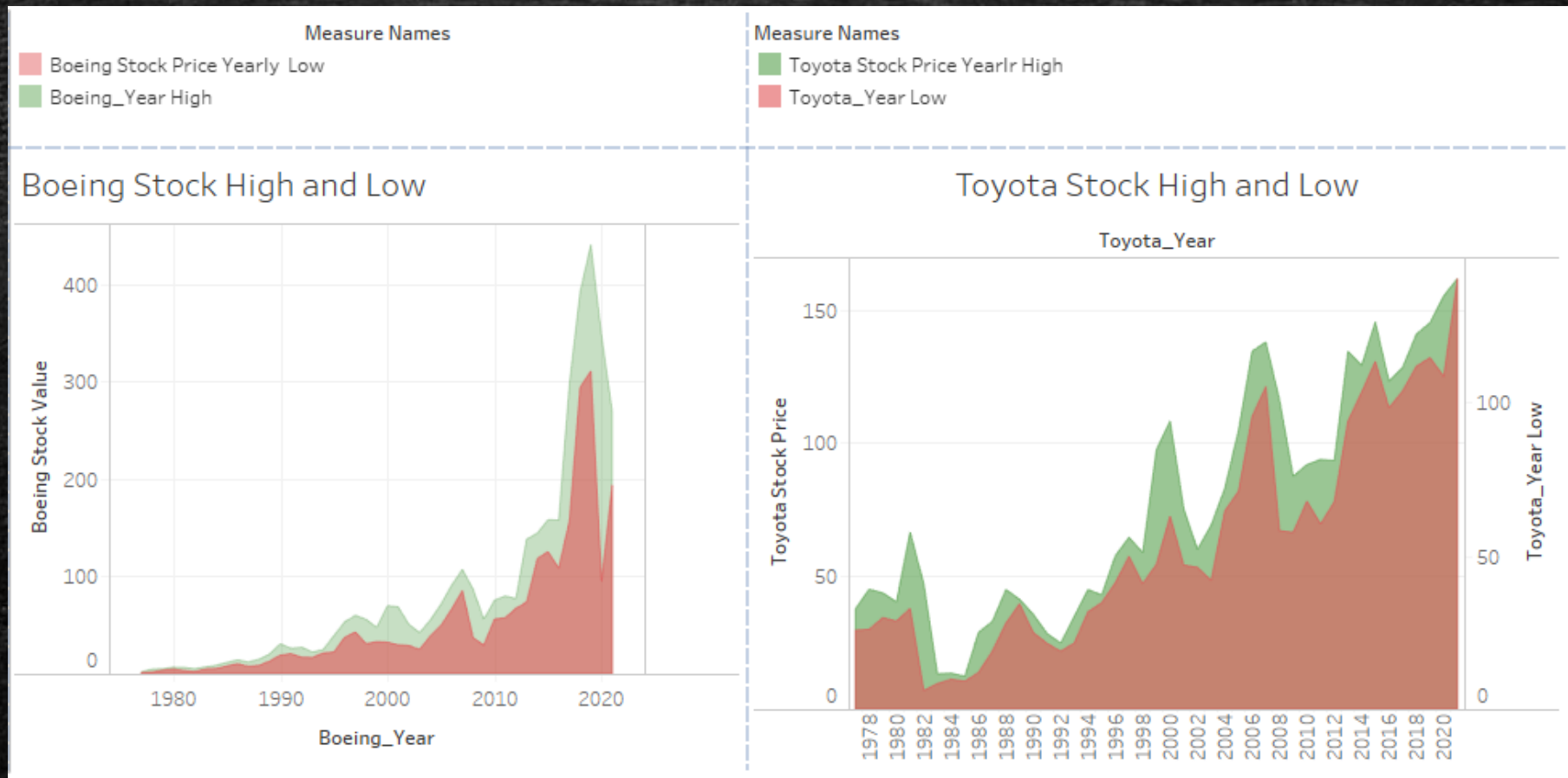
Yearly Miles Traveled Motor Vehicle vs Plane



Distance traveled

- From the previous chart we can see that Motor Vehicles travel much further in total than planes. This is not to say that Motor Vehicles are superior to Planes.
- We can interpret this as meaning that planes are beneficial to the environment because the cut down vehicles used to travel long distances.

Industry leader stock comparison



Industry leader stock comparison

Within the previous charts we can see growth in both companies over time.

With Toyota this growth has been linear.

However, Boeing has seen growth that looks to be exponential.

When it comes to stocks, confidence is key.

When it comes to transport safety it fills a similar role.

If we accept these two assertions, then we can infer that the public's confidence in planes in the long run has had a greater increase.

Conclusion

- From the charts that were shown we can see that planes are a much safer mode of transportation than motor vehicles.
- From the stock comparison we can infer that public confidence in planes has been increasing exponentially.
- As a result we can conclude: There has been some fear mongering within the media. However, in the long run public confidence has been rising and will continue to do so.

Data Sources

- <https://www.macrotrends.net/stocks/charts/TM/toyota/stock-price-history>
- <https://www.macrotrends.net/stocks/charts/BA/boeing/stock-price-history>
- https://www.bts.dot.gov/sites/bts.dot.gov/files/2021-03/table_02_09_111020.xlsx
- <https://cdan.dot.gov/tsftables/National%20Statistics.xls>