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# A I R L I N E S   S A F E T Y

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February 5, 2023

## Private: Proving the Safety of Flying: A Deep Dive into US Data



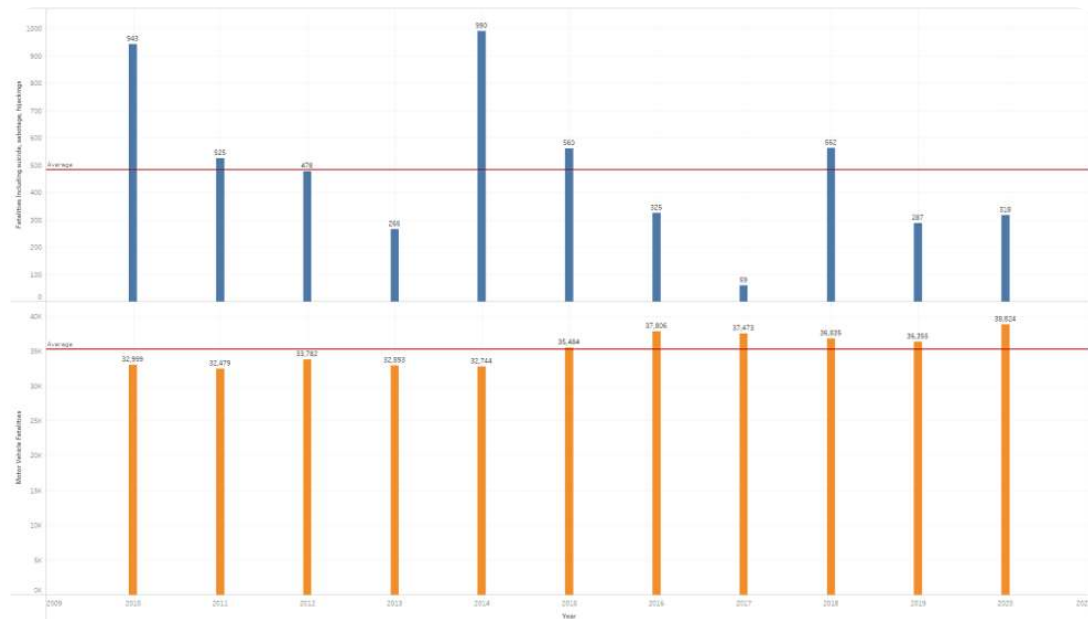
### Introduction:

Recently, there have been concerns about the safety of flying and the media has been spreading this message. As a United Airlines employee, I would like to set the record straight and show that flying is still one of the safest forms of transportation. In this blog

post, we will do a deep dive into US data to prove that the media is wrong about the safety of flying.

## Myth 1: Flying is not the safest form of travel

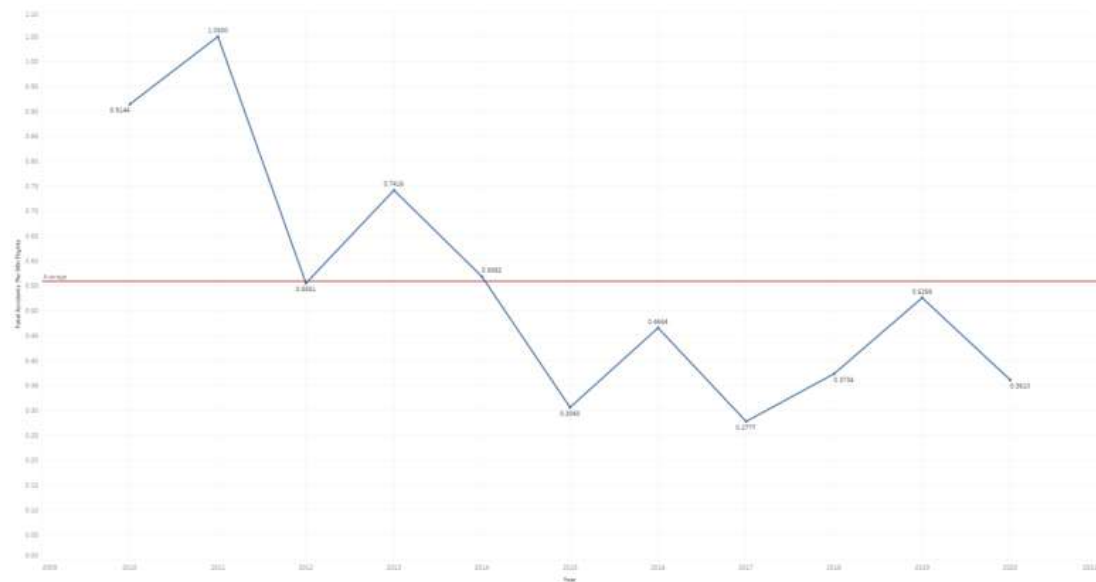
**Fact:** The chart below contains two charts, the top bar chart shows aircraft fatalities, and the bottom chart shows motor vehicle fatalities. On its own, this chart proves that flying is still the safest form of transportation. The average fatalities from aircraft crashes per year is 482, while motor vehicle fatalities are about 35K, a significant difference.



US – Aircraft vs Motor Vehicle Fatalities

## Myth 2: Flying is becoming more dangerous

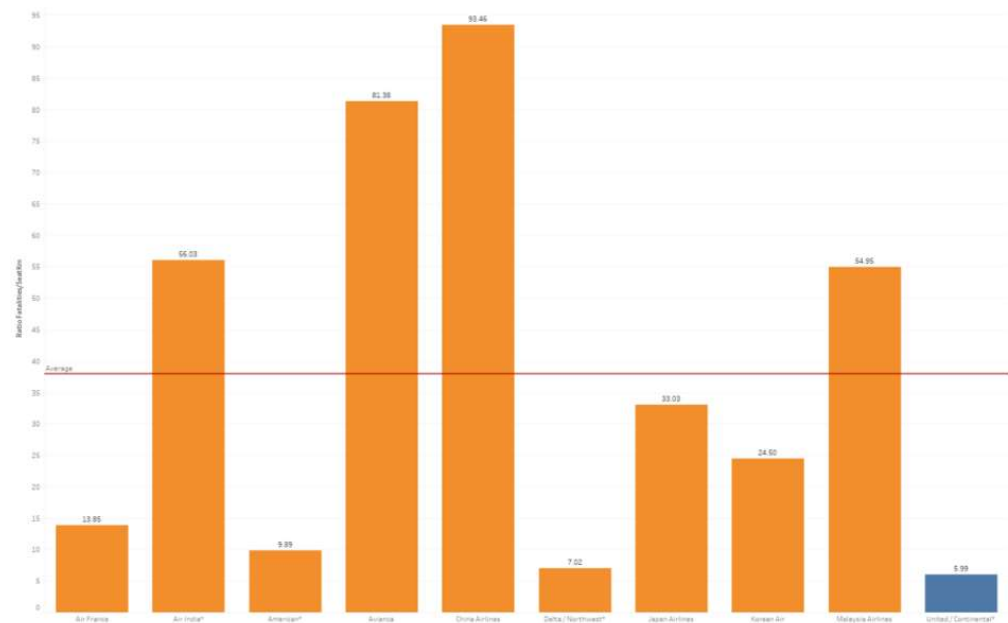
**Fact:** Fatalities per million flights is an important metric and shows how safe flying is. The data in the slide shows that the US flight incidents causing fatalities are declining significantly. In 2011, there was slightly over 1 fatality, but from 2014 onwards, the rate has dropped below the average.



Fatalities Per Million Flights

Myth 3: United Airlines is not safe to travel with

**act:** In comparison to other airlines, United Airlines makes the top 10 list of incident & fatality counts. It is the second US airline for incidents after American Airlines. This is likely due to the frequency of flights in comparison to the rest of the airlines across the globe. However, United Airlines performs well compared to the other airlines on the list. The ratio of the total fatalities divided by the distance per week the airline covers gives United the lowest ratio of 5.99. This shows that the margin of error is lower for United Airlines due to its frequency of flights and makes it a safe airline to travel with.



Fatality Ratio Per Km (in millions) Distance/Week

## Conclusion

This deep dive into US data proves that the media is wrong about the safety of flying. Flying is still one of the safest forms of transportation, and the data shows that the number of incidents and fatalities is declining. United Airlines, despite making the top 10 list of incident & fatality counts, performs well compared to other airlines on the list, making it a safe airline to travel with.

In light of the data and statistics, there is no need to be concerned about the safety of flying. Book your next flight with confidence and let's continue to enjoy the convenience and comfort of air travel.



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