



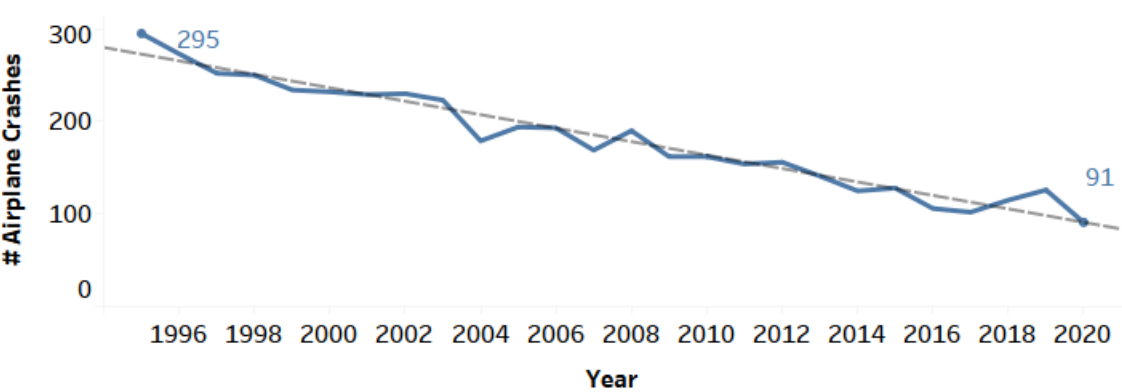
Let's Flight

Airplane Travel Safety Analysis

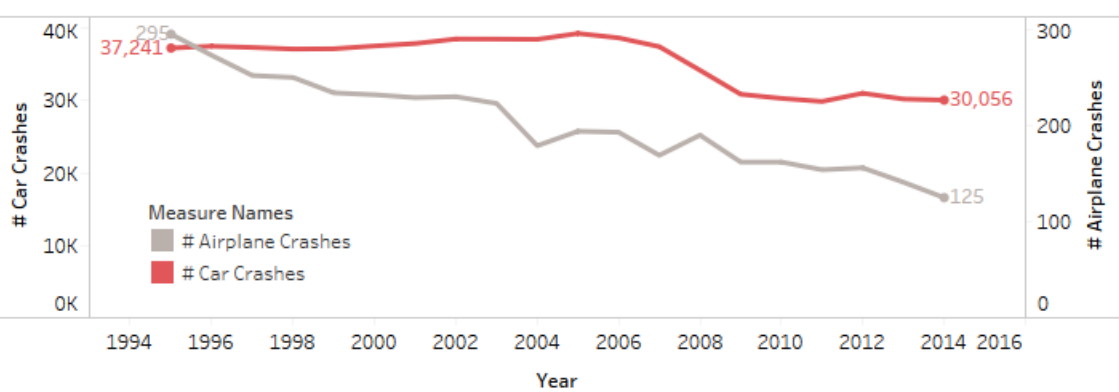
Facts

“Due to recent unfortunate airline crashes, the media has been promoting statistics stating air is no longer a safe way to travel. The news and media outlets have been bombarding the public with reports and figures about the trends of airline safety and that things are not looking good. What was previously thought as the safest way to travel, especially when compared to automobiles, is now being presented as one of the most dangerous to the public. But are any of these claims based on facts?” (Blackboard Week 1&2)

Number of Airplane Crashes per Year

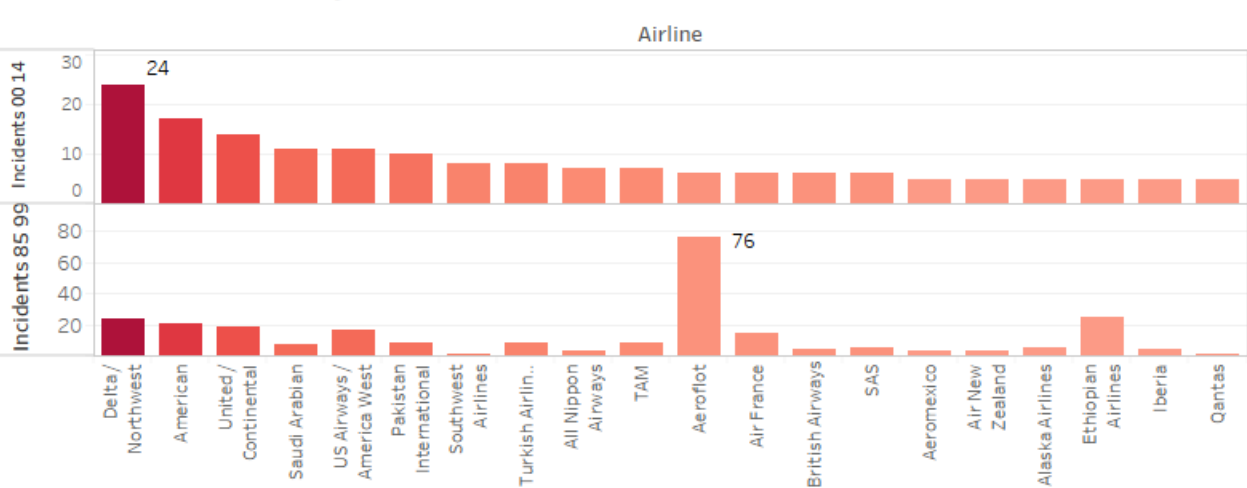


Airplane and Car Crashes by Year

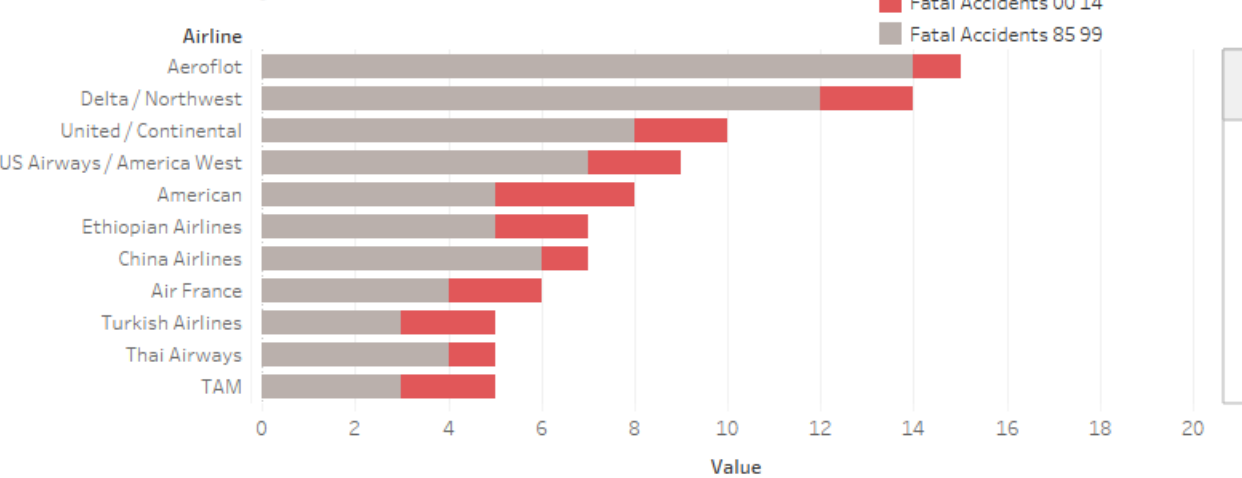


Highlight Measure Names
No items highlighted

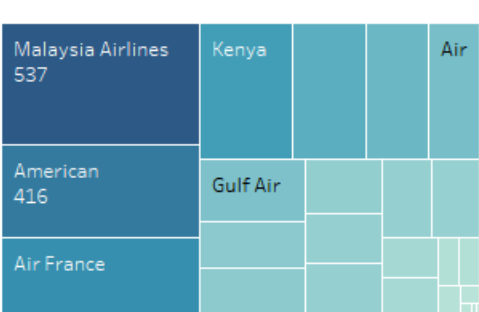
Number of Incidents by Airline 1985-2014



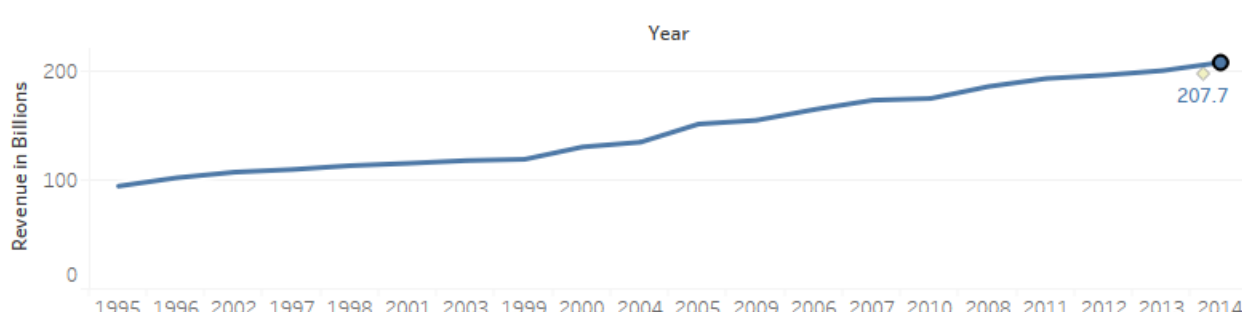
Fatal Accidents by airline 1985-2014



Airline Fatalities 1985-1999

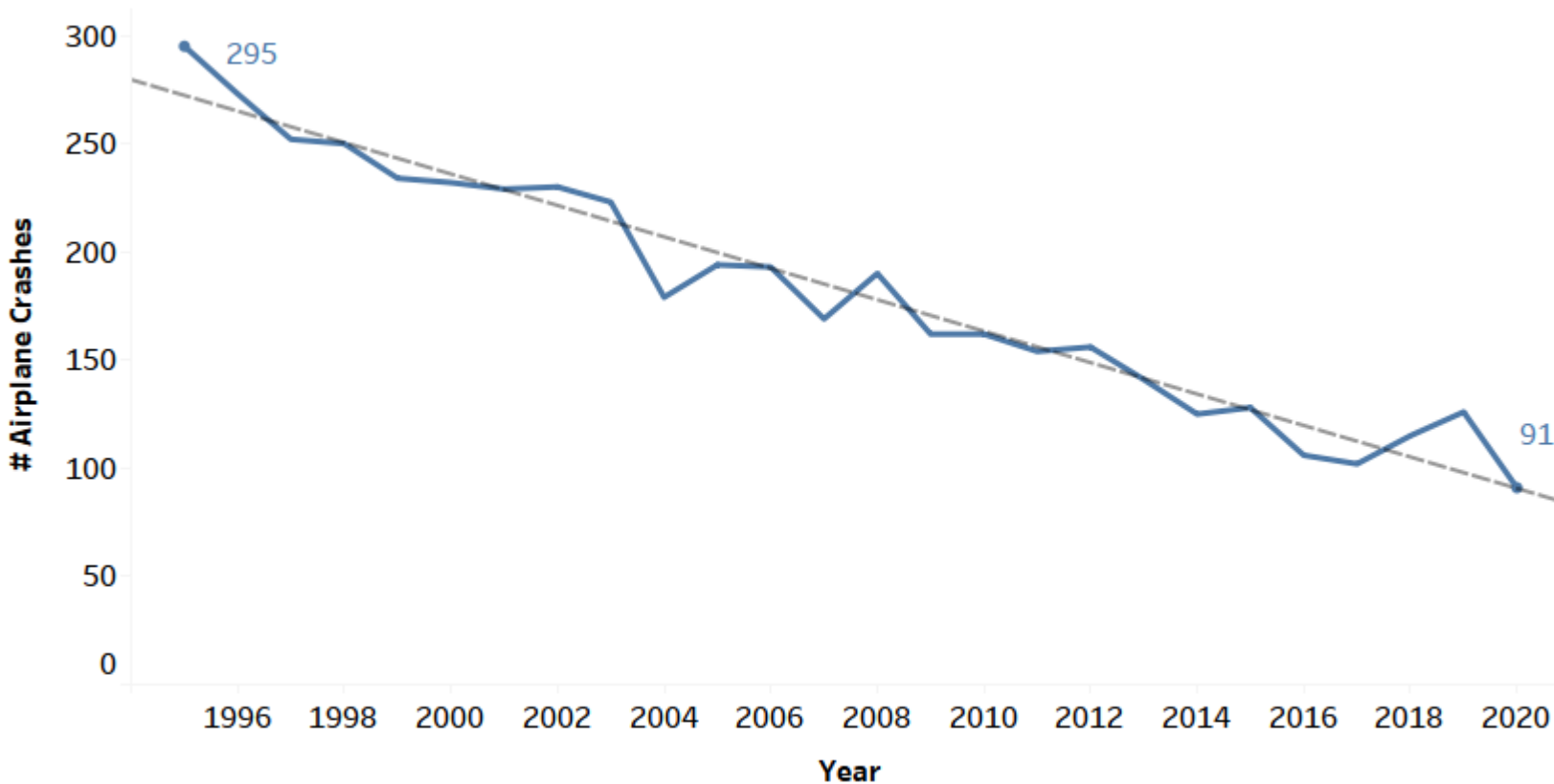


Airplane US Industry Revenue 1995-2014



Airplane Crashes last decades

Number of Airplane Crashes per Year



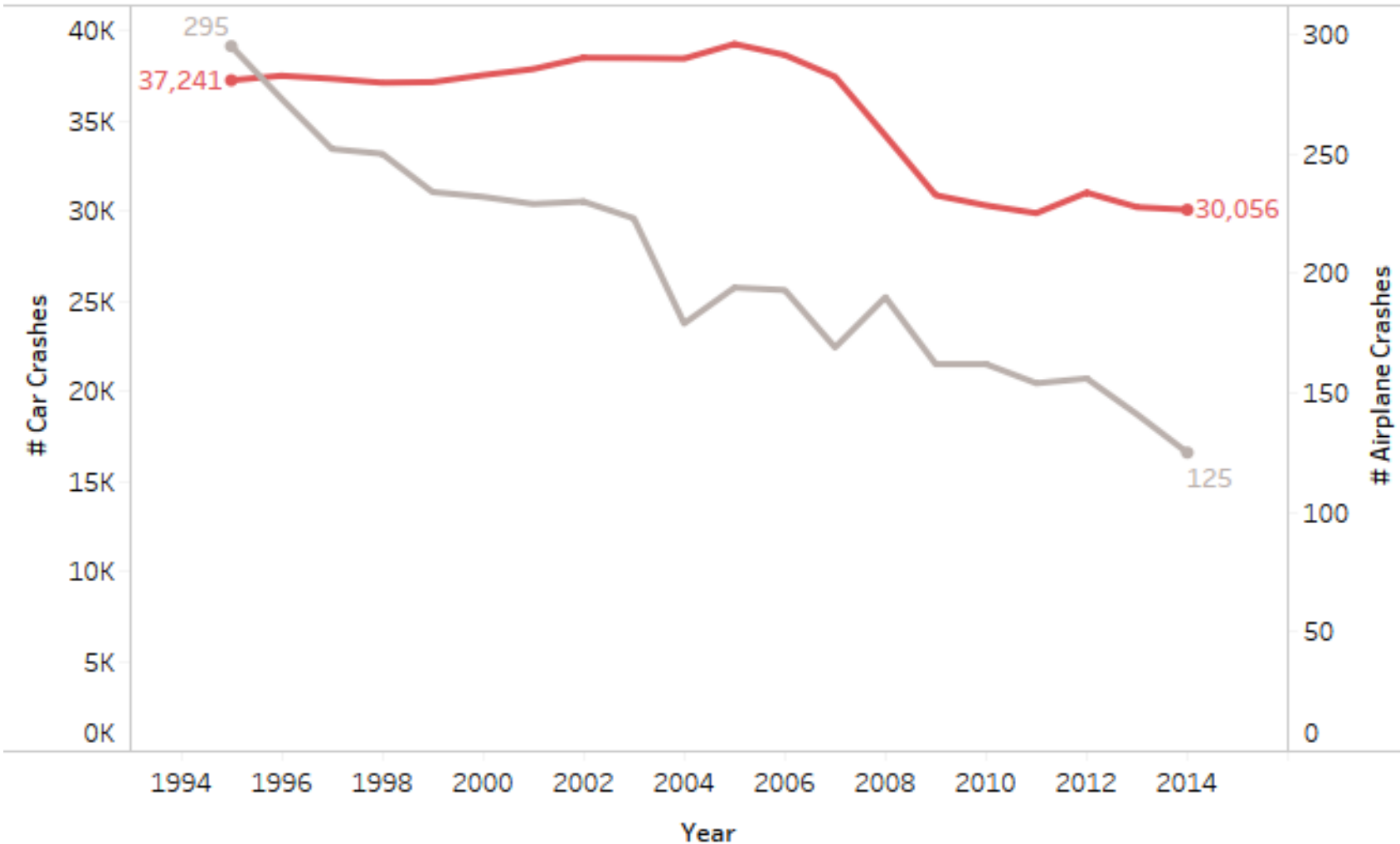
Airplane Crashes has been decreasing from 1995 to 2020 in about 31% worldwide, this is an indicative that flying is becoming safer over the years

Data Source:

<http://www.baaa-acro.com/statistics/crashes-rate-per-year>

The trend of sum of # Airplane Crashes for Year. The view is filtered on Year, which ranges from 1995 to 2020.

Airplane and Car Crashes by Year



The trends of # Car Crashes and # Airplane Crashes for Year. Color shows details about # Car Crashes and # Airplane Crashes. The view is filtered on Year, which ranges from 1995 to 2014.

Airplane Crashes
Car Crashes

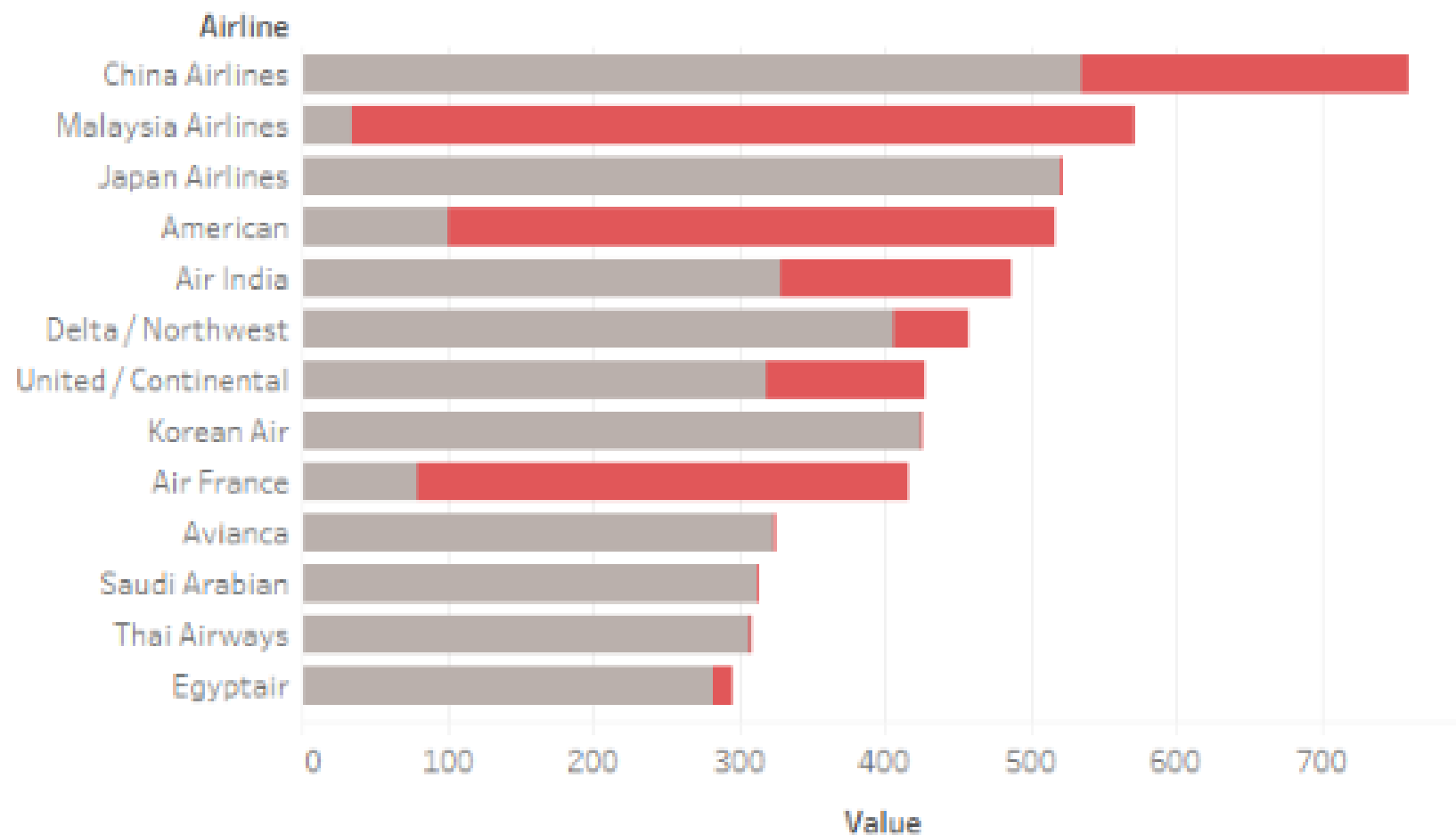
Numbers shown in Billions for car crashes (expected because is the most common why to travel)
Numbers shown in units for airplane crashes

Data Source:

<https://www-fars.nhtsa.dot.gov/Main/index.aspx>

<http://www.baaa-acro.com/statistics/crashes-rate-per-year>

Fatalities by airline



Data Source:

Blackboard

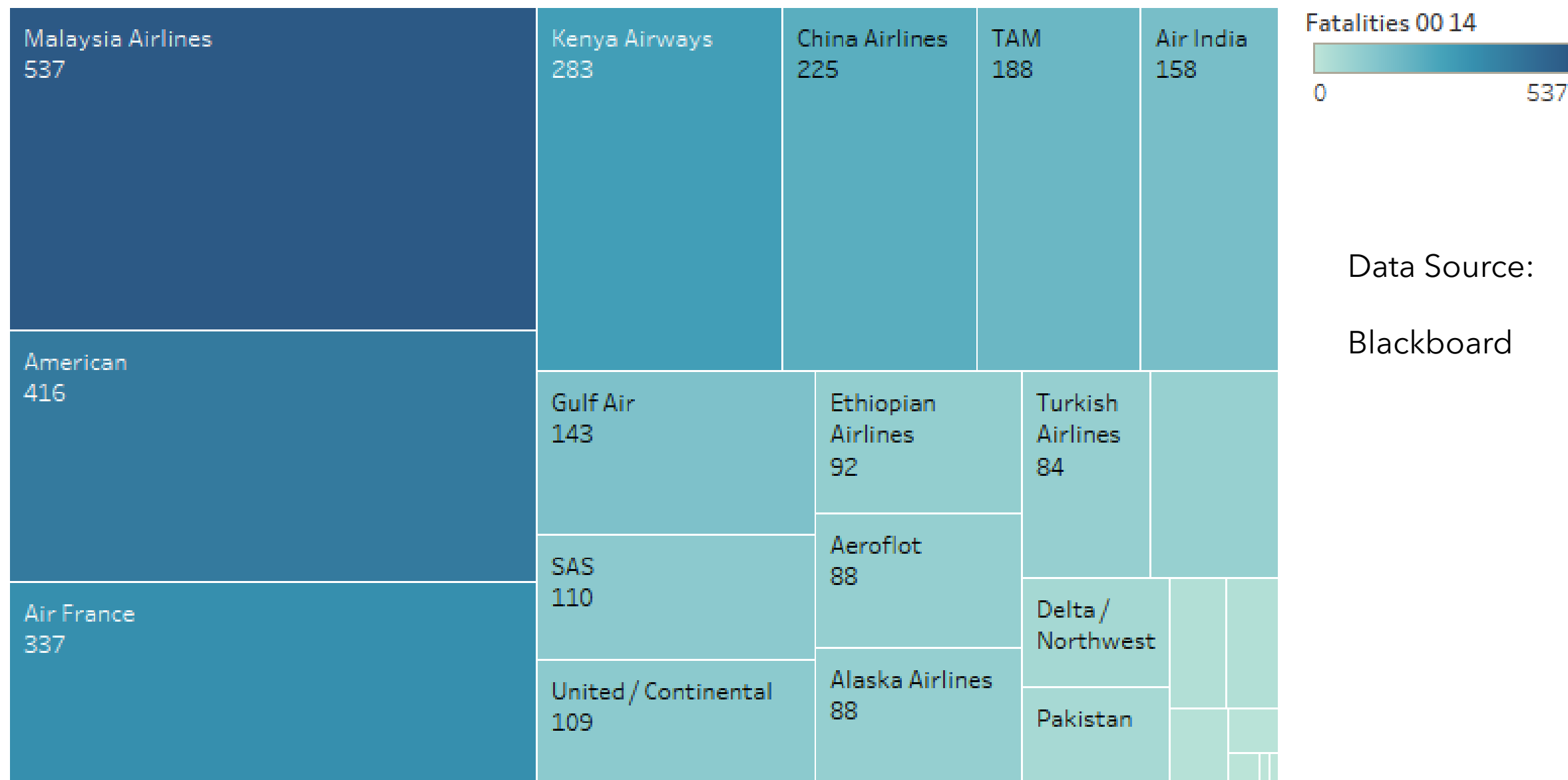
Fatalities 00 14 and Fatalities 85 99 for each Airline. Color shows details about Fatalities 00 14 and Fatalities 85 99.

Measure Names

Fatalities 00 14

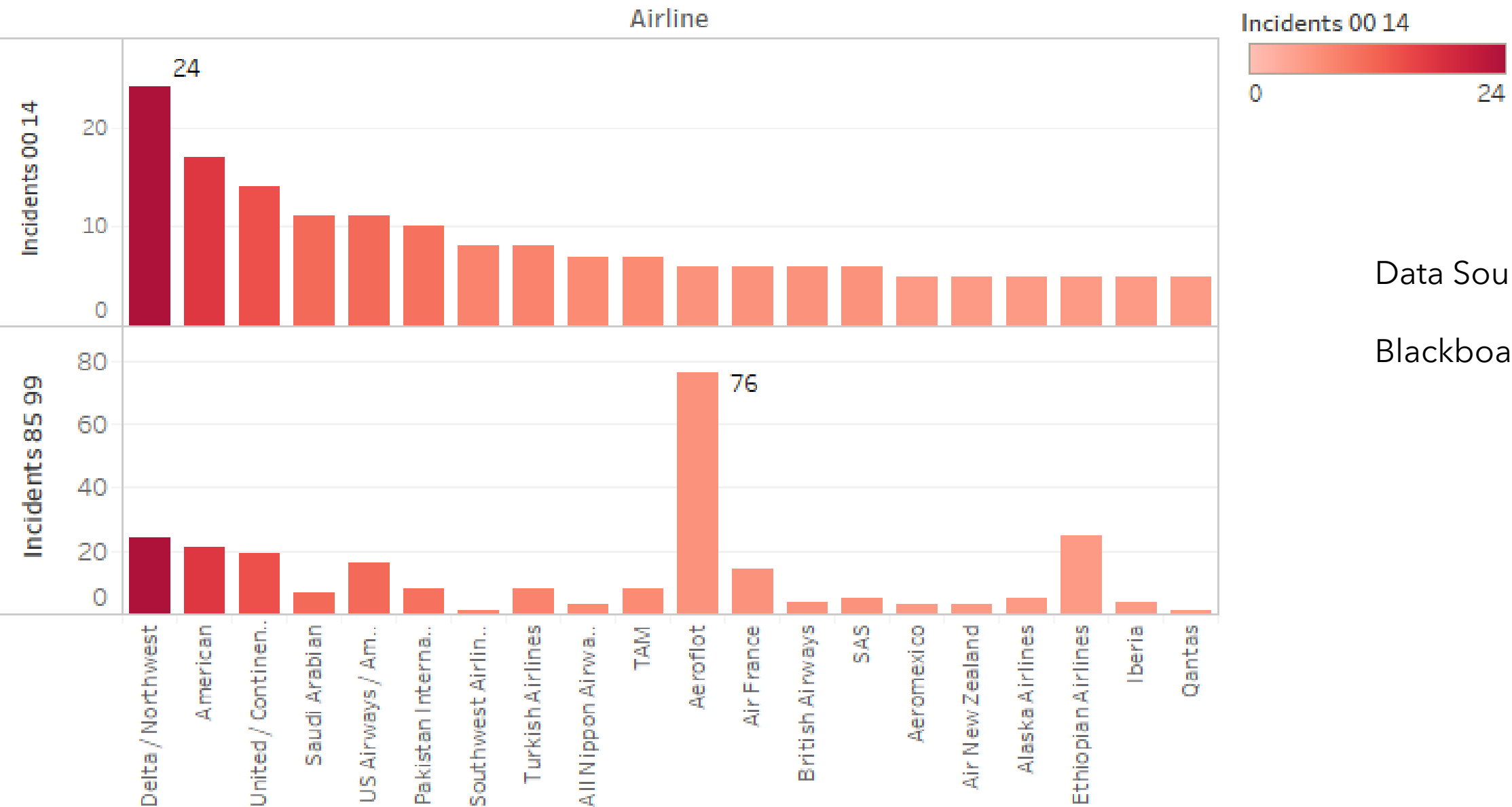
Fatalities 85 99

Airline Fatalities 1985-1999



Airline and sum of Fatalities 00 14. Color shows sum of Fatalities 00 14. Size shows sum of Fatalities 00 14. The marks are labeled by Airline and sum of Fatalities 00 14.

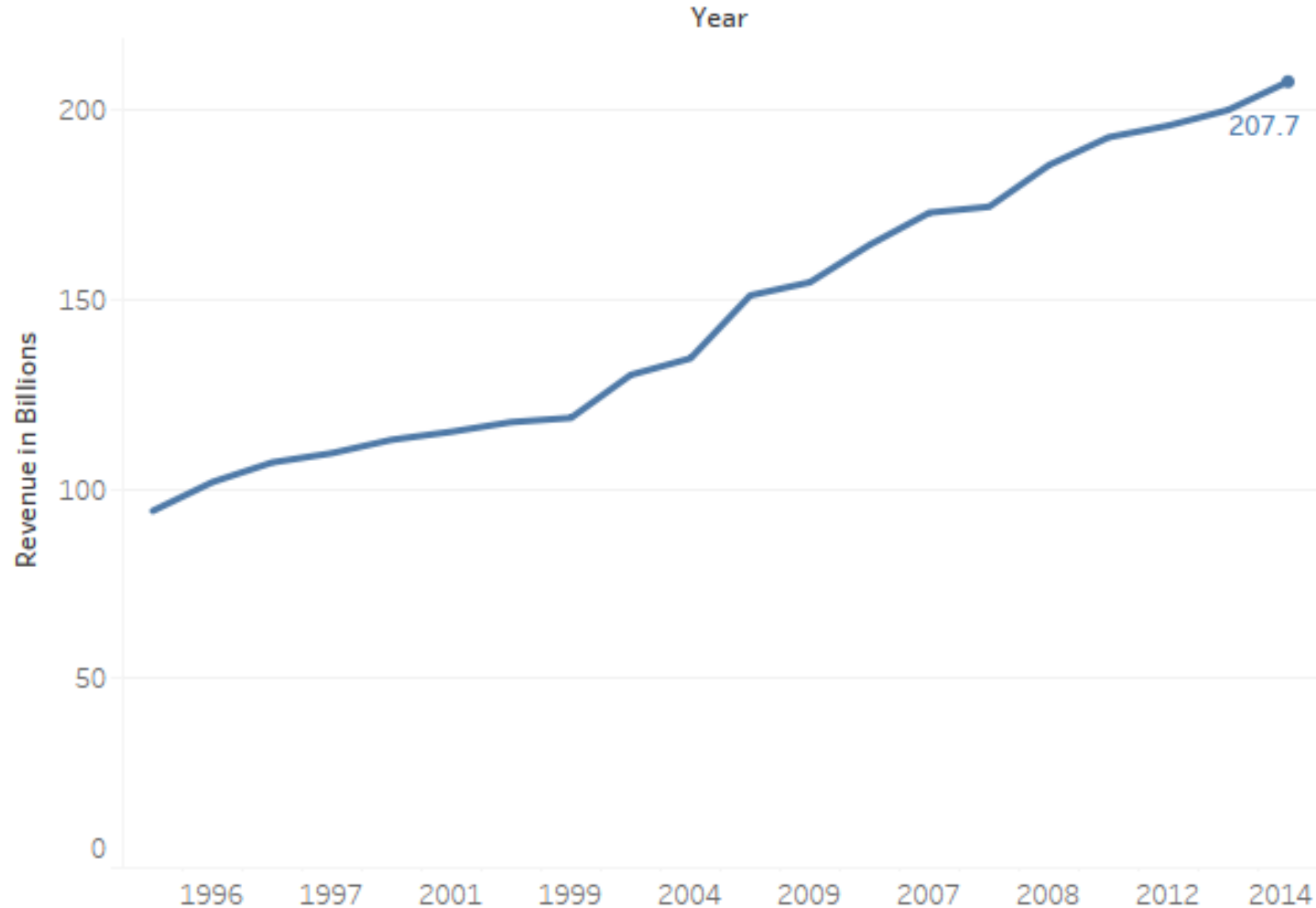
Number of Incidents by Airline 1985-2014



Data Source:
Blackboard

Sum of Incidents 00 14 and sum of Incidents 85 99 for each Airline. Color shows sum of Incidents 00 14. The view is filtered on sum of Incidents 00 14, which includes values greater than or equal to 5.

Airplane US Industry Revenue 1995-2014



Numbers only for
the United States
Airlines

Data Source:

[Airline Data Project
\(mit.edu\)](http://airline-data-project.mit.edu)

The trend of sum of Revenue in Billions for Year. The view is filtered on Year, which has multiple members selected.

Conclusion

- The graphs presented before show the trend of safety of flying worldwide, as well as show the revenue made during the last decades, what also support the idea that travelers are become more likely to fly than before.
- Travel by car is the second method chosen by travelers to move from one point to other, but this method is the most dangerous why to travel the number of cars makes it more likely to have an accident. Flying is for far as shown in graphs, safer than car traveling