

Data Visualization of Statistics of Airplane Crashes between 1908 – 2009

Introduction

Air travel has become an integral part of our lives. The air traffic growth is estimated to increase at an annual rate of 5.5% [\[1\]](#). With such a large system and the number of people opting for this faster mode of transportation, safety concerns become paramount. Most people think of only the aircraft when it comes to travel. But indeed it involves a synergistic and synchronized working of the air operations, air traffic control, crews, airports and weather and security services. To have a closer look at the tragic reality of airplane crashes, the following consists of various different statistics on airplane crashed between 1908 – 2009.

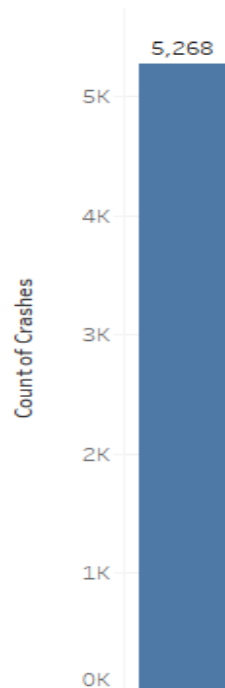
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Total Crashes Between 1908 – 2009	2
Crashes based on Classification/Operators/Aircraft Manufacturer.....	4
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Charts

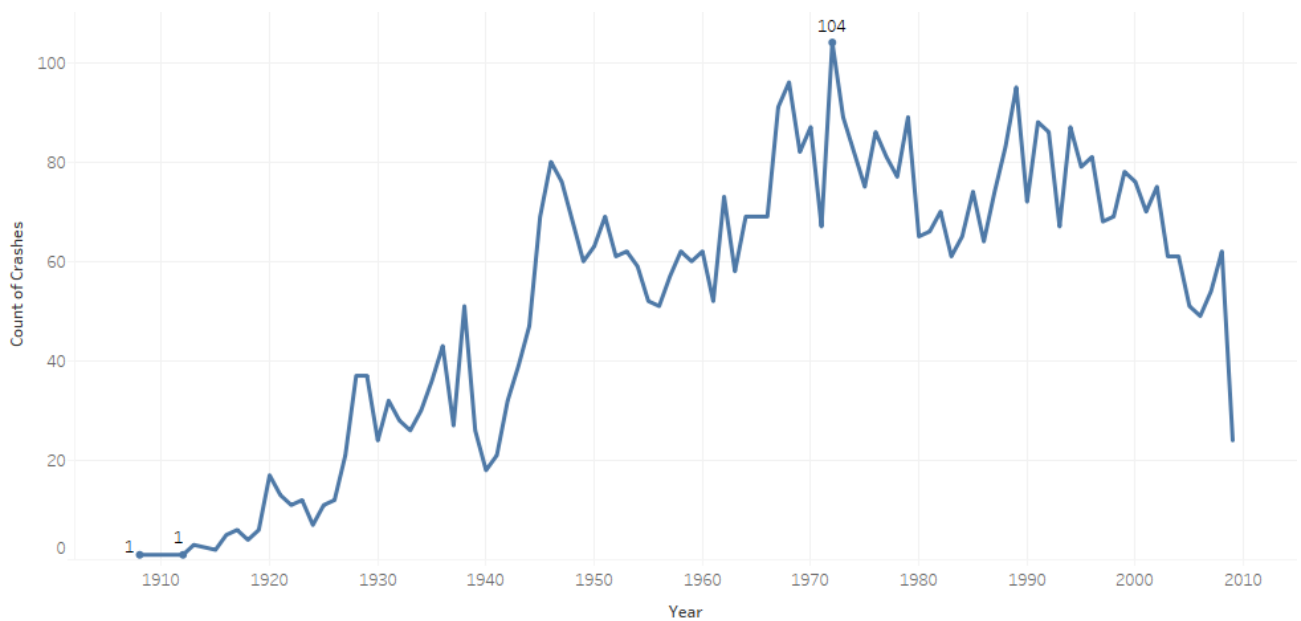
The following charts provide different information regarding the airplane crashes.

Total Crashes Between 1908 – 2009

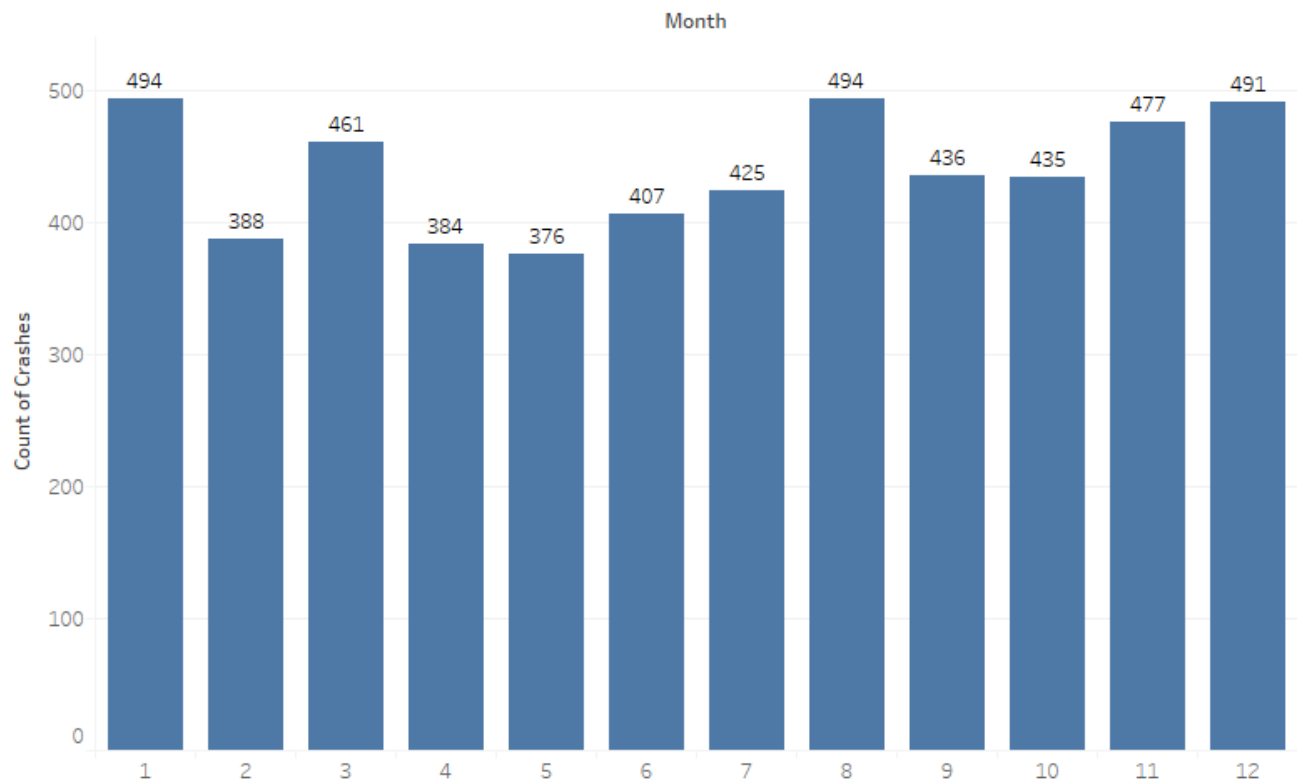
- Total



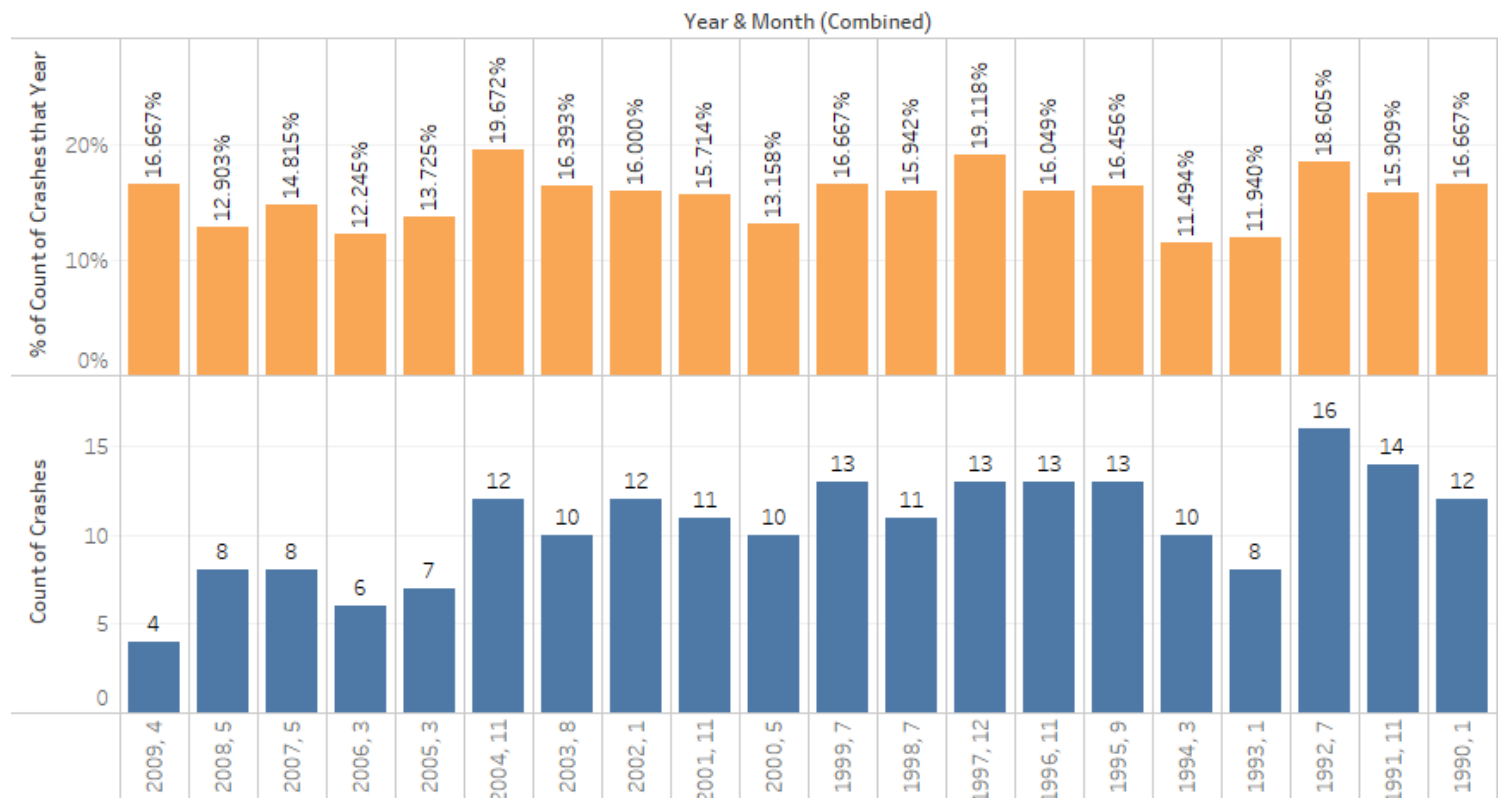
- Yearly



- Monthly

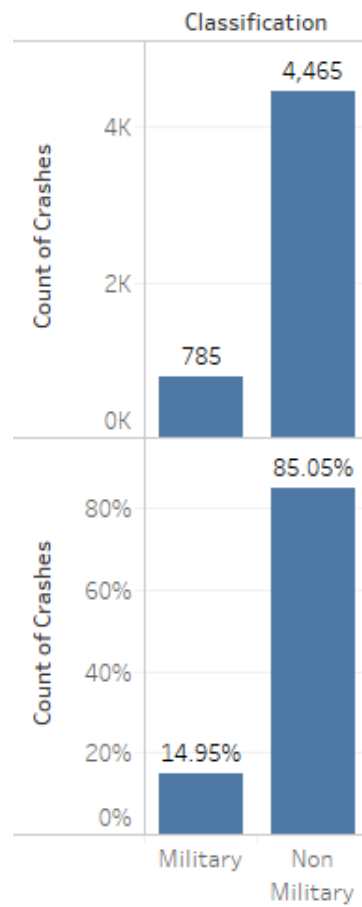


- Month with Maximum Crashes Between 1990 - 2009

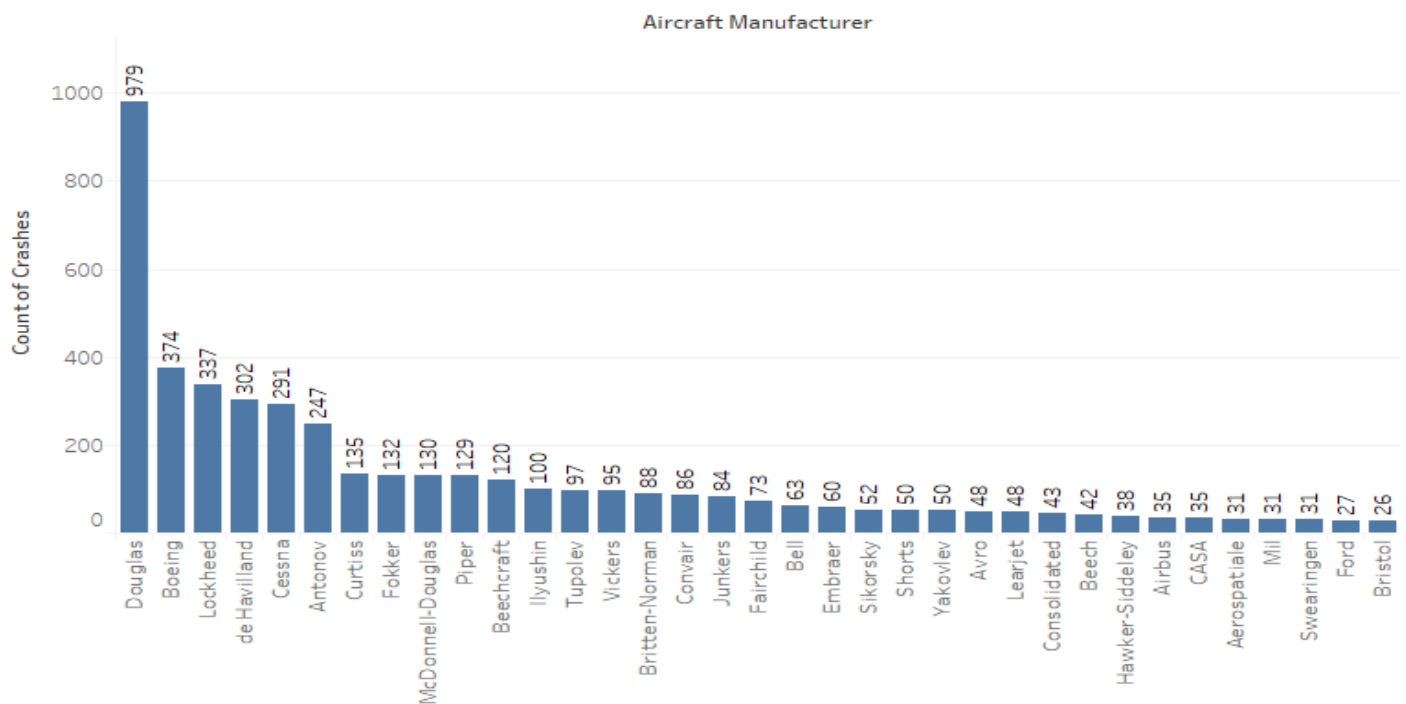


Crashes based on Classification/Operators/Aircraft Manufacturer

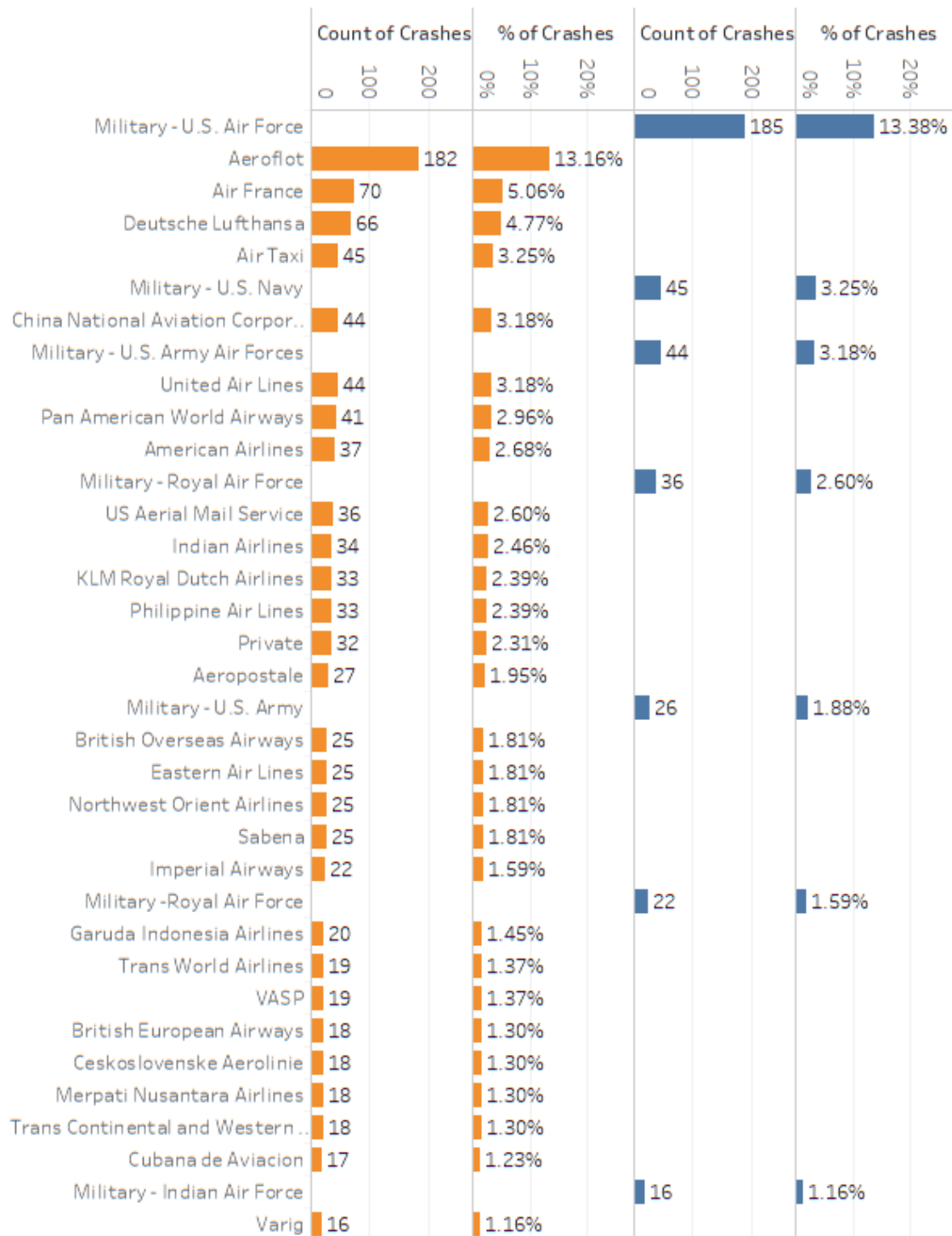
- Classification



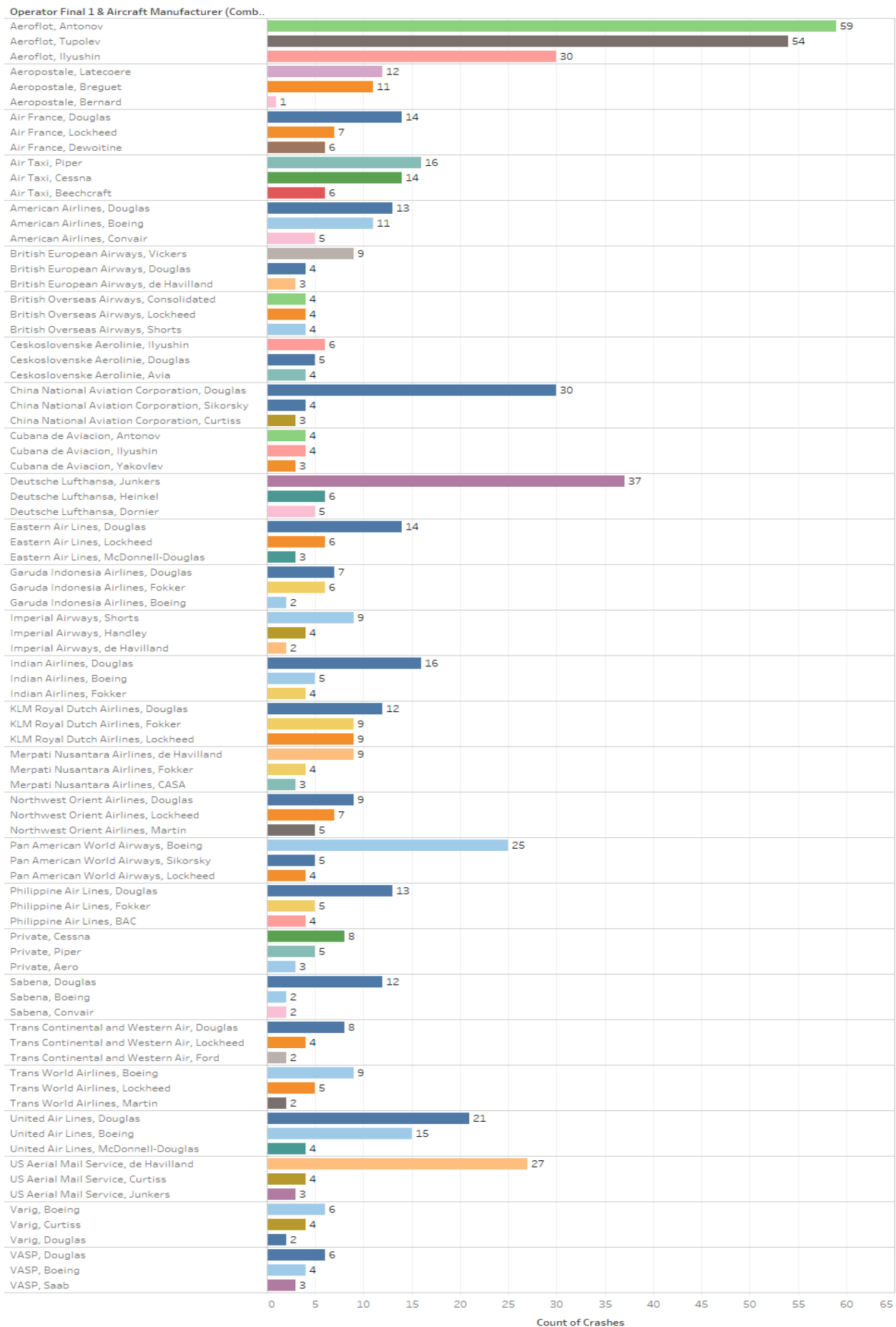
- Manufacturer



- Top 35 Airline Operators with Most Crashes

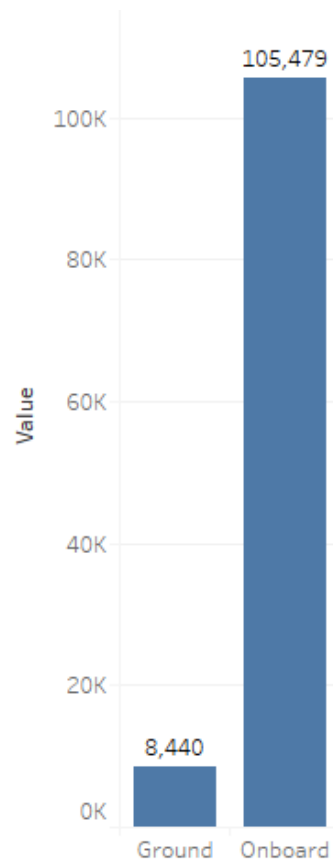


- Top 3 Manufacturers of Top 35 Non Military Operators with most crashes (A to Z)

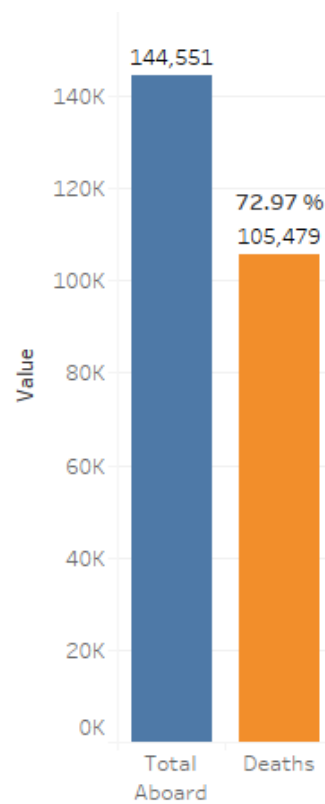


Death Toll

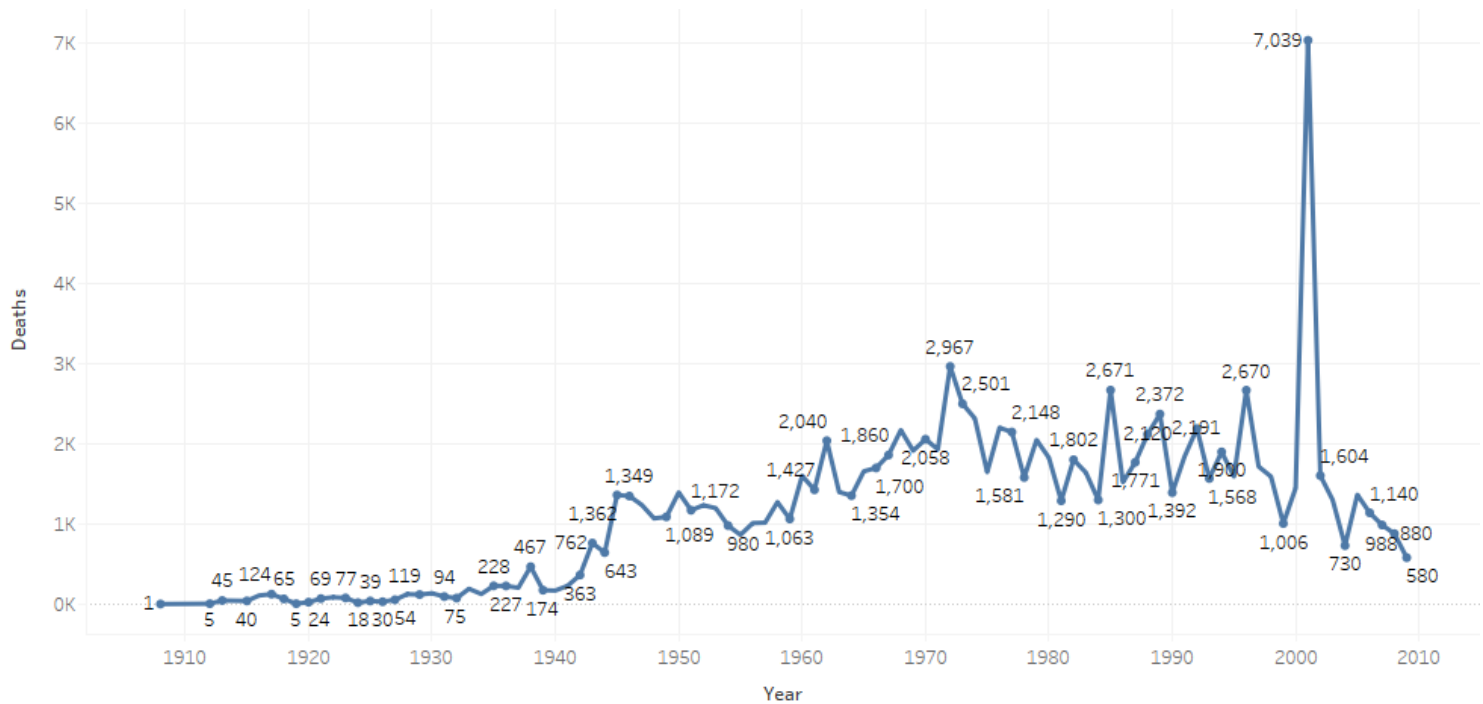
- Total Death Toll



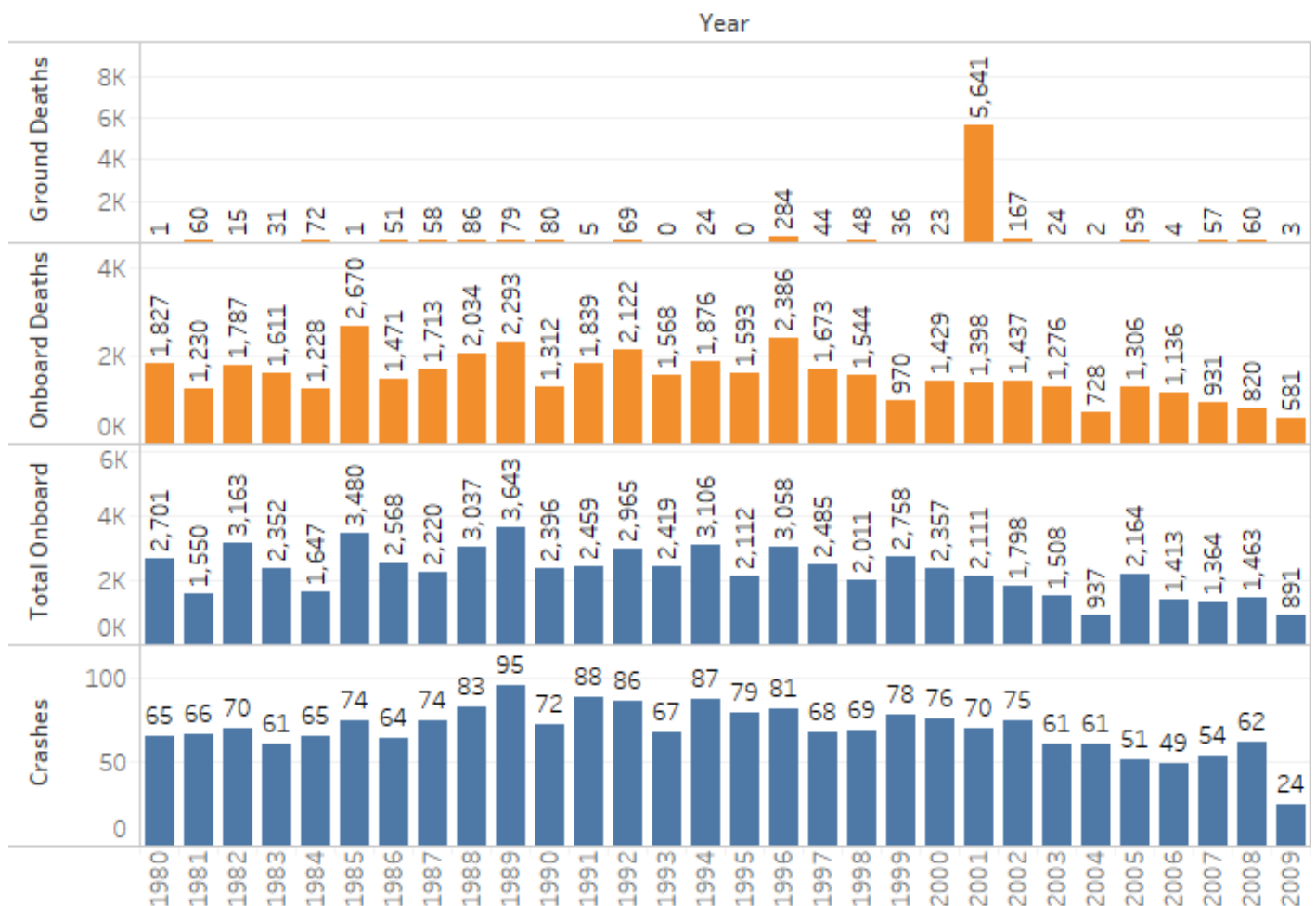
- Total Onboard Passenger Deaths



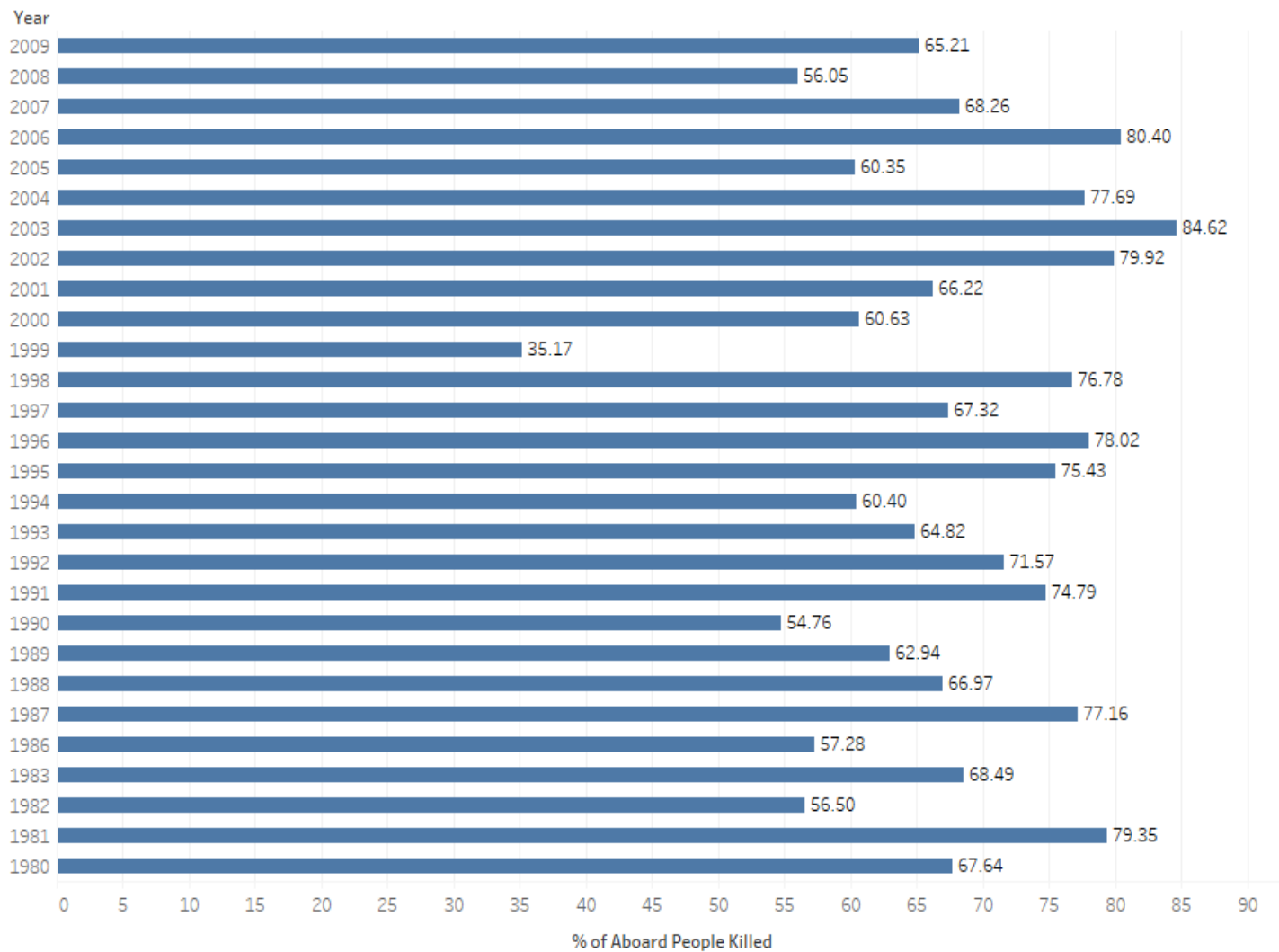
- Yearly Death Toll



- 30 Year Detailed Death Toll



- % of Onboard Passenger Deaths Between 1980 - 2009



Note: The above data visualization has been done on the dataset: Airplane Crashes Since 1908. ^[2]

References

- [1] <http://www.iata.org/pressroom/pr/Pages/2016-02-04-01.aspx>
- [2] Data Set from <https://www.kaggle.com/saurograndi/airplane-crashes-since-1908>