



**In depth Analysis on Airplane Crashes and Fatalities from 1908 to 2009**





# Airplane Crashes and Fatalities Report

This analysis was carried out from a dataset containing data of airplane accidents involving civil, commercial and military transport worldwide from 1908-09-17 to 2009-06-08

TOTAL NUMBER OF CRASHES



5241

NUMBER OF FATALITIES



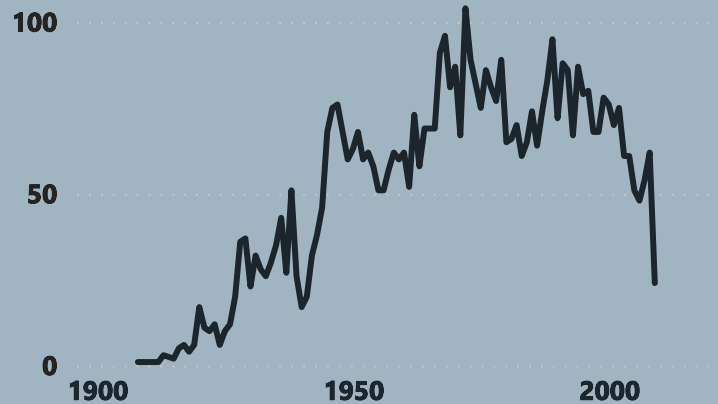
105.15K

NUMBER OF SURVIVORS

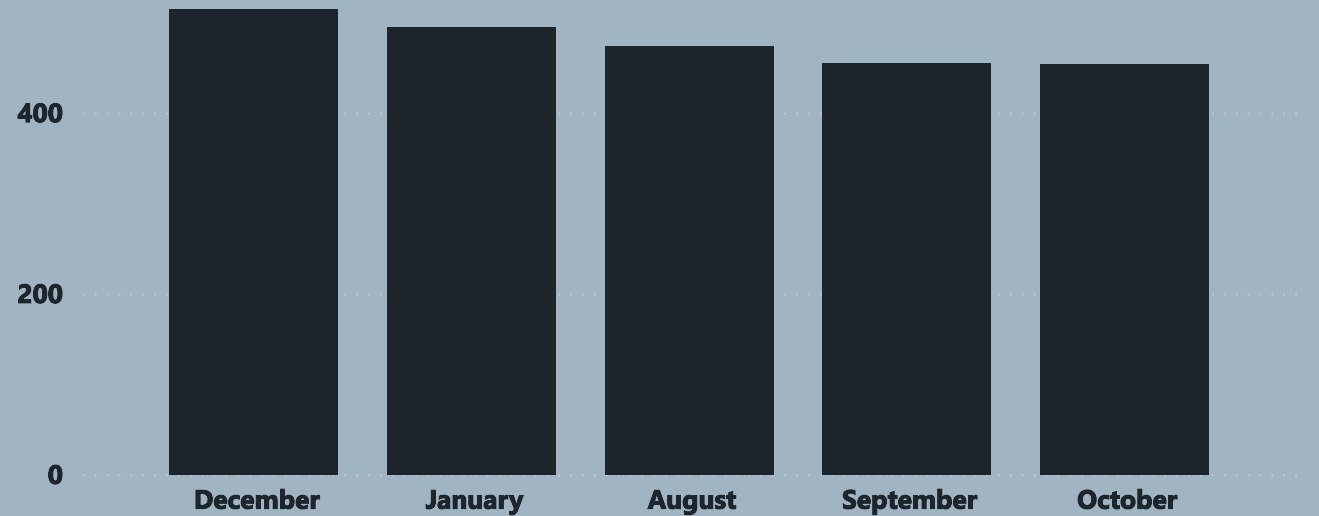


39.06K

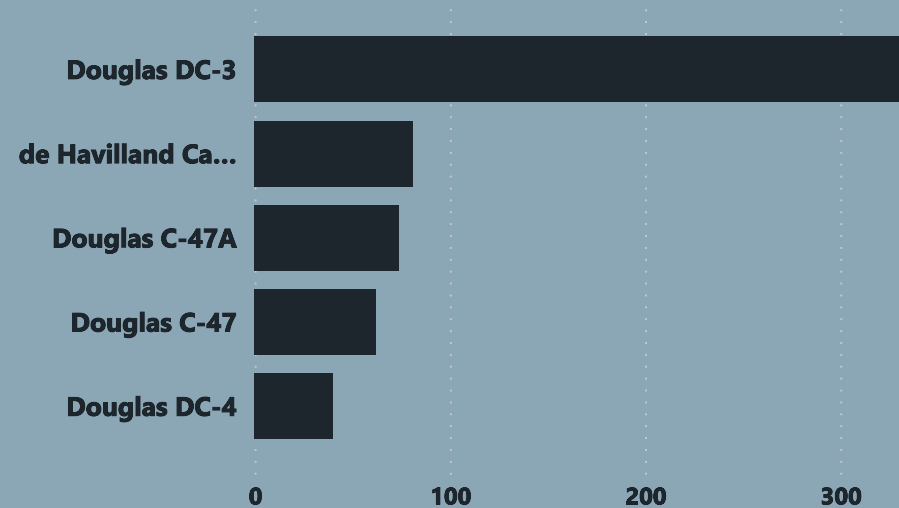
Trend of Crashes over the Years



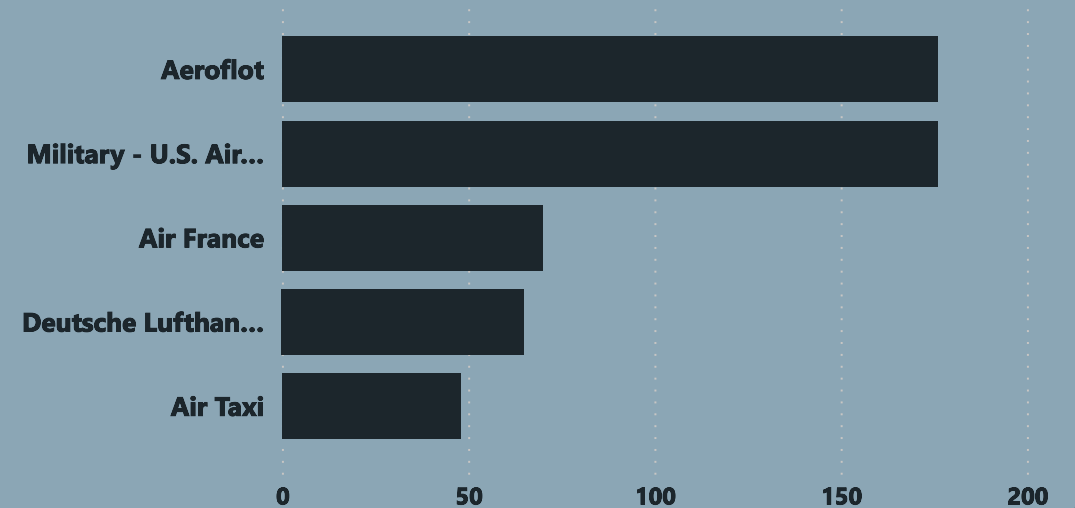
Months with the Highest incidence



### Airplanes with the Highest number of Accidents



### Operators that recorded the highest number of Crashes



### Insight Gotten from this Analysis

1. The data used in this analysis was collected from the year 1908, a few years after the first plane was invented. A steady increase in airplane crashes is seen as air travel becomes more prevalent. 1972 has the highest record of airplane crashes, since then there has been a steady decrease in the occurrence of airplane crashes, probably due to the progress made in technology.
2. The Douglas DC-3 has the highest number of crashes recorded of any airplane. Research shows that this may be due to its widespread use as a military plane during the World War Two.
3. Analysis shows that most plane crashes happen in the months of December and January. More research would be needed to know the reason. In my opinion, the weather might be the culprit.
4. Aeroflot and The U.S Military ties for the aircraft operators with the highest number of crashes recorded. This may be due to airplane testing and use of aircraft in warfare by the military, Also, Aeroflot is one of the oldest aircraft operator, starting their operations in the year 1923, which might explain the high number of crashes under their operations.