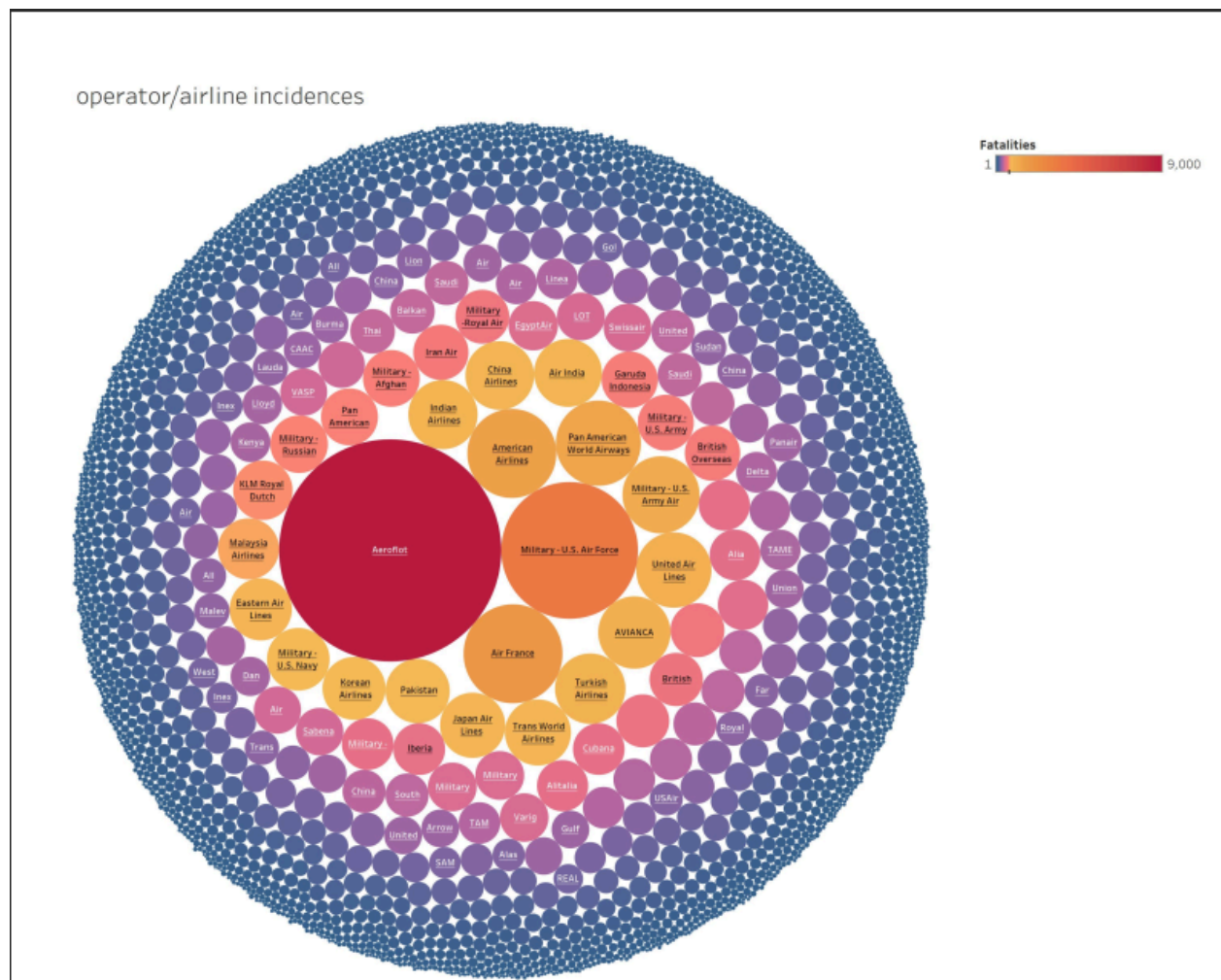


Airplane Crash data Analysis Report

Operator Performance

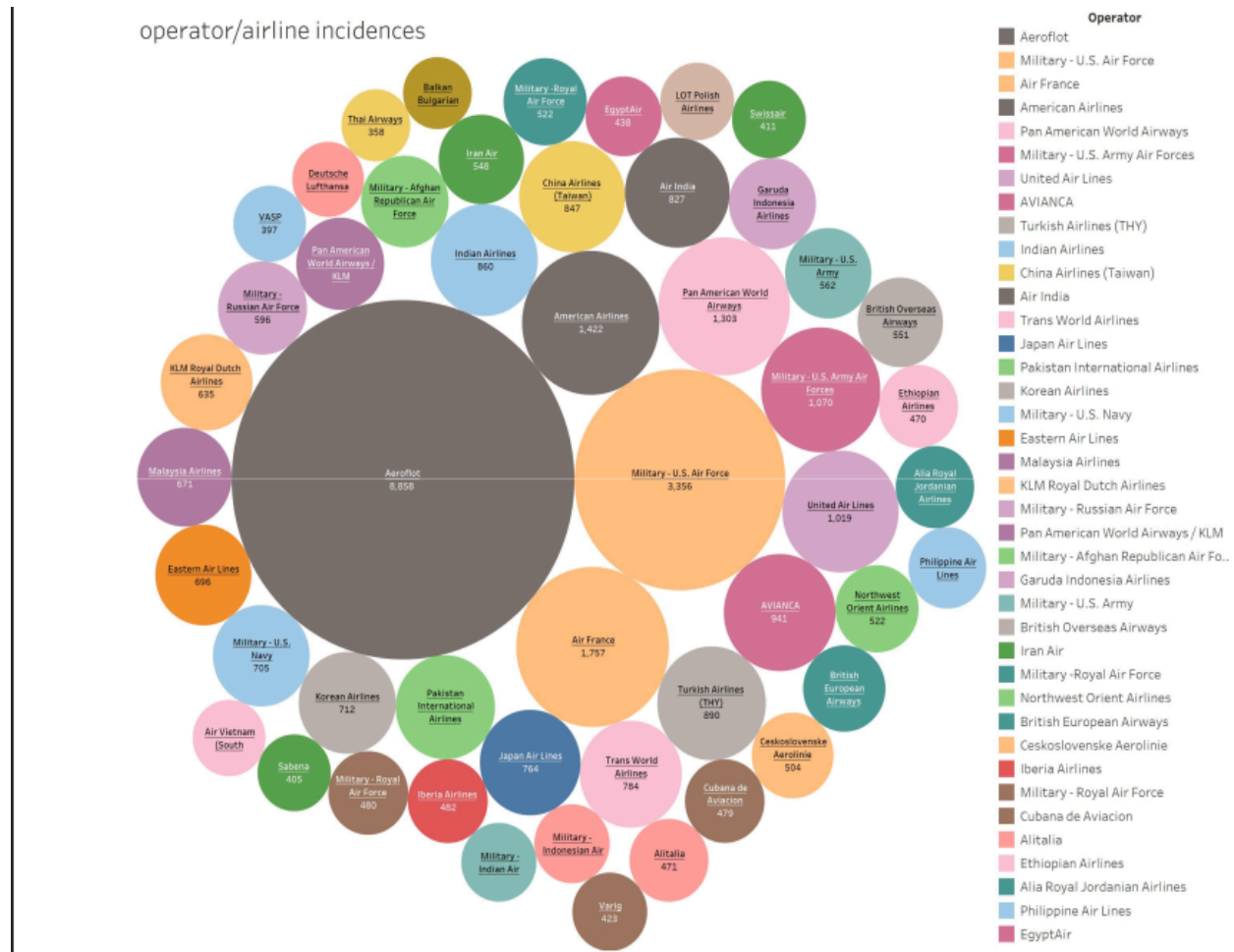
Most of the aircraft operators had minimal accidents ,mostly one, with the exception of a few operators that comprised most of the recorded aircraft incidents.

Operators by contribution to fatalities



Only about 2.5% of operators have contributed more than 38% of the total number of fatalities. In the total number of incidences.

Top fatality count operators

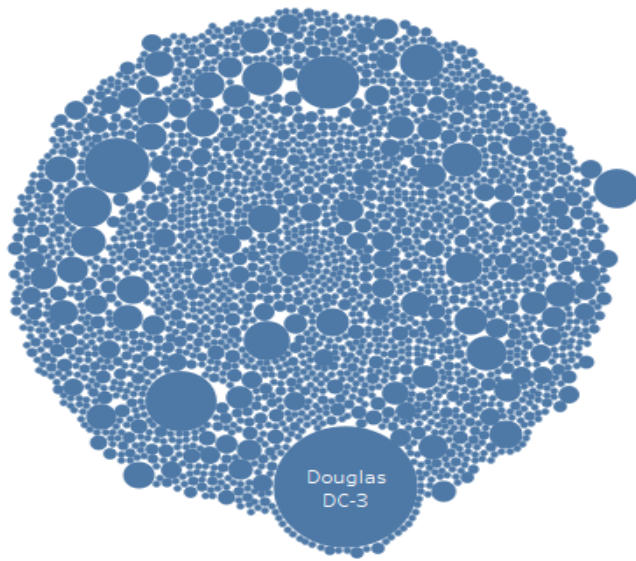


Here airloft, 8000 has more than twice the fatalities of any other operator.

Aircraft involvement

The dataset consisted of more than 2000 aircraft types including Military and civilian aircraft such as Boeing aircraft.

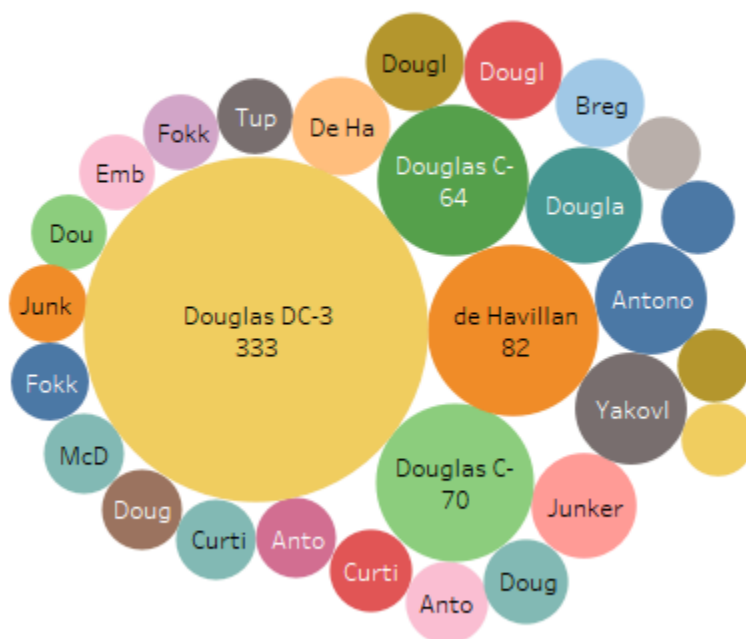
Number of crashes by aircraft



Here the Douglas type of aircraft stood out the most in terms of number of incidences.

Aircraft with top number of crashes, with number of incidences

Aircraft types



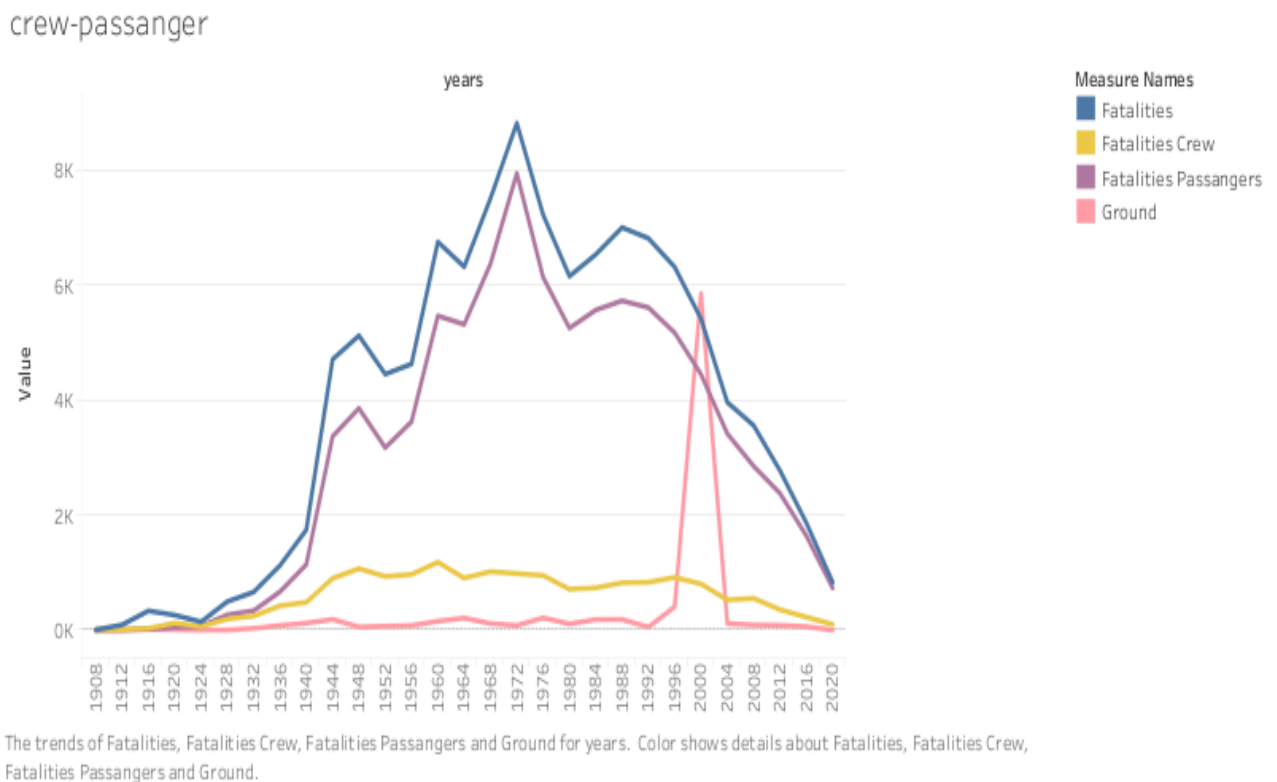
AC Type

- Douglas DC-3
- de Havilland Cana.
- Douglas C-47A
- Douglas C-47
- Douglas DC-4
- Antonov AN-26
- Yakovlev YAK-40
- Junkers JU-52/3m
- De Havilland DH-4
- Douglas C-47B
- Douglas DC-6B
- Breguet 14
- Douglas DC-6
- Antonov AN-24
- Curtiss C-46A
- Antonov AN-12
- Curtiss C-46
- Douglas C-47-DL
- McDonnell Dougl..
- Fokker F-27 Frien.

Trend of fatalities

The number of fatalities seems to have increased steadily from the 1940's peaked at the 1980's but have been on a downward trend from the beginning of the century.

Number of fatalities from 1900's

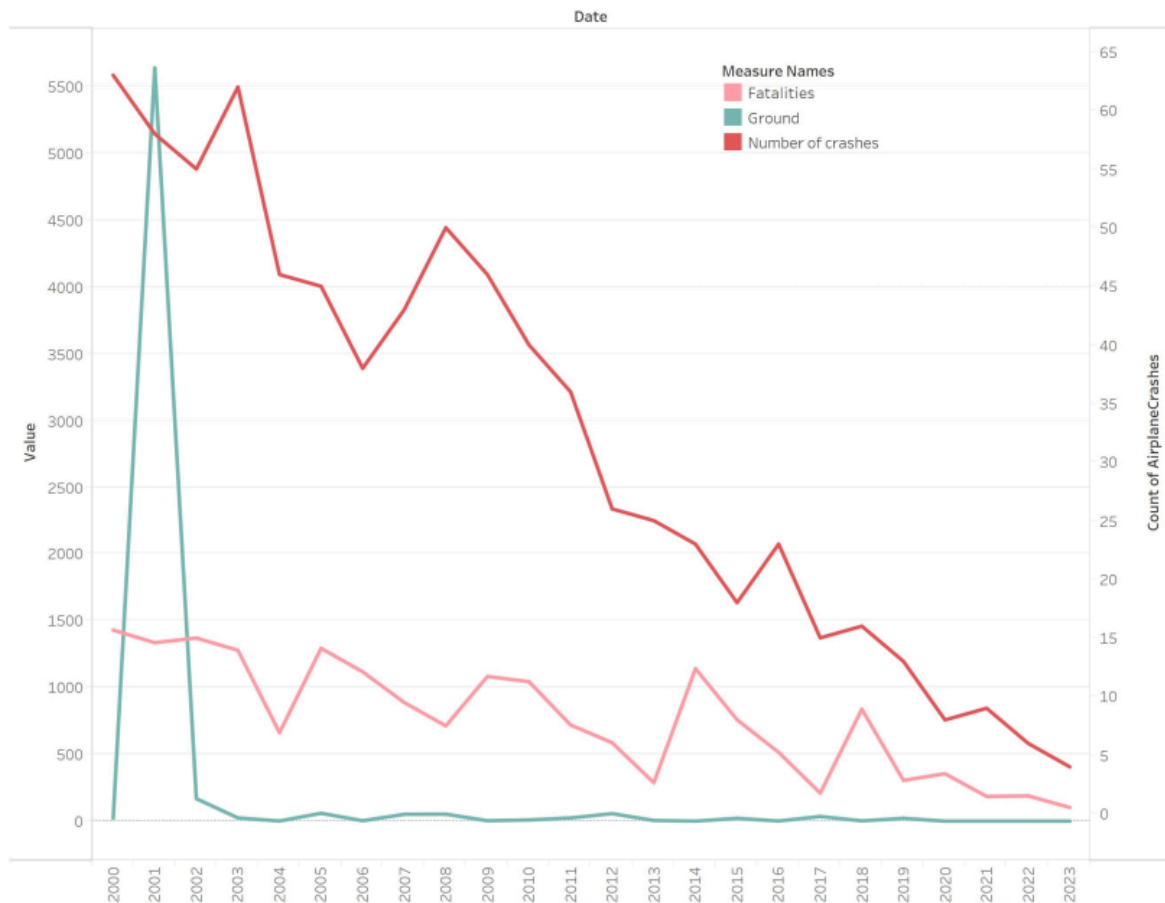


The chart shows the Fatalities that is the sum of Fatalities Crew and Fatalities Passangers.

The number of fatalities from airplane crashes has been on a downward trend since the beginning of the century.

Apart from a great number of ground fatalities on 2001, the number of ground casualties are mostly minimal

Number of fatalities since 2000



Summary

From the analysis above it is clear that when it comes to airplane incidents, the majority of incidents are associated with just a few aircrafts. A small number of operators are also responsible for the majority of aircraft accidents, operators such as Airloft and Air France are responsible for an unproportional number of accidents. In order to reduce the number of incidents I would recommend stricter measures to be imposed on companies in order to ensure their aircraft meet some preset minimum requirements.