

Dashboard Summary: Airline Safety Statistics

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With recent plane crash around the world that killed hundreds of people and the missing of MH370, travelers might question whether flying has become less safe. Aviation expert sees the recent incidents are a fraction of what they were as recently as the 1990s and the other transportation mode such as vehicles.

The purpose of the **Airline Safety Statistics** dashboard is to present the statistics of the airline fatalities and compare that with the vehicle crash report. The report will be able to illustrate that there has been significant drop in airline fatalities after 1999. Multiple metrics is created within the dashboard such as Airline fatalities, accident based on airlines each year and how it is decreasing year after year starting 1999. Yearly vehicle crash line chart metrics is created which shows significant fatalities compare to airline fatalities. Report shows over 45 thousand people dying each year due to vehicle crash compare to few hundred casualties from airline fatalities, and other related accidents. Bar chart metrics is created for airlines which shows United airlines have the most seat available compare with the other airline companies. The line chart shows the no of airline accidents has been significantly reduced after 1999 which strongly suggest advances in aircraft and airport design, better air traffic control, and improved pilot training. Airline fatalities, airline accident, Hijacking are some of the types of fatalities with Airline accident being the major one. There is bar chart for vehicle crash which shows over 45 thousand fatalities each year.

Following are the data sources for the report.

- Airline Fatalities by Type
- Crash Report count
- Crash Report Fatalities
- Crash Report Vehicles
- Airline-safety