

You've Arrived! *Airline Safety*

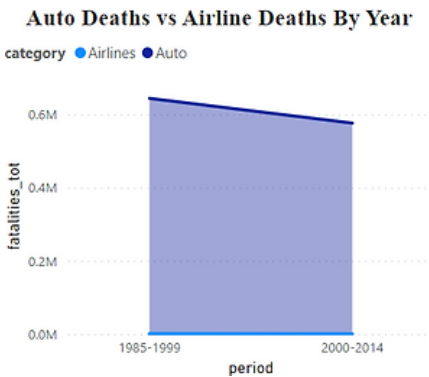


About Me

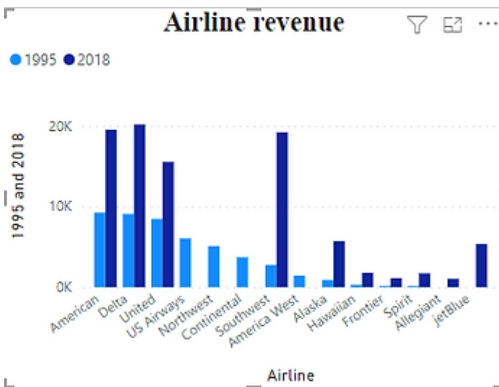
I am Meena Madhavi Gummadi. I am a student at Bellevue university. I'm so glad you have arrived. In this blog, I want to share my findings on airline safety. Hope you enjoy my site and the unique content I create. Are you ready to read?

Airline Safety Insights

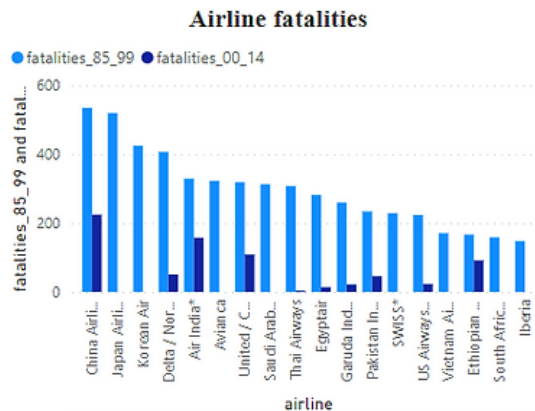
There has recently been a lot of discussion over the safety of plane travel. We've long assumed that airline travel is significantly safer than by car, but is this still the case? Since airline customers may have strong feelings regarding airline safety, they should be given 100% accuracy. Any single, comprehensive measurement of airline safety must provide a single rating format without any gaps resulting from variations in how safety incidents may or may not be recorded. The media certainly wants us to believe that. Recent trends in airplane safety are depicted in charts and graphs and are not good. So what drives these figures? Are there more collisions? If so, why do you think that is? Are airplanes less secure than they formerly were, or could other factors be at play here? Could it be that more individuals are taking to the skies? Which airlines are riskier than others? Let's examine some of the data to determine the true situation.



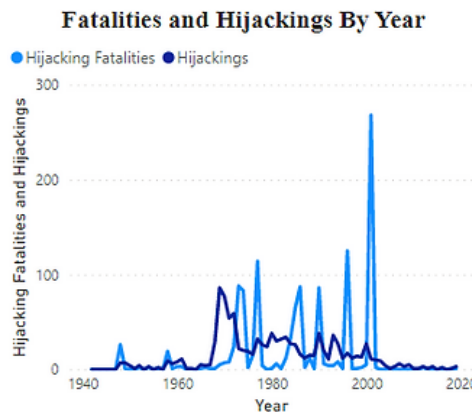
Accidents do, unfortunately, happen. They take place both on the ground and in the air. So let's examine some data from 2014 to 2018 across five years. Over 1,021 times as many vehicular accidents occurred during this time as there were on airplanes (U.S. Department of Transportation, 2022). At first appearance, flying appears to be much safer. But hold on, some of you say, whereas an airplane catastrophe affects hundreds of people, a car accident typically only involves a small number of people. Is it conceivable that fewer airplane mishaps could result in more fatalities than car crashes? Perhaps flying isn't quite as safe as we thought. Let's take another look at the figures. Eighty times more people simultaneously die in auto accidents than in aviation accidents (U.S. Department of Transportation, 2022). Fewer accidents, fewer deaths in the air. It appears that air travel is still safer than driving.



The graph shows airline revenue climbed significantly from 1995 to 2018, indicating more passengers. This shows that customers think flying is secure and comfortable.



Some of you remain dubious; perhaps the reason is not that cars are safer, but rather the location. Is it feasible that just domestic flights are now riskier than before? You may have heard stories that domestic flights experience more mishaps than international carriers. You may have even seen graphs or charts illustrating how many more domestic airline incidents there were. This certainly seems to be the case when examining the raw data. However, comparing accident and death rates amongst airlines might be misleading because some just fly more, have more flights, or have longer flight schedules. Statistics per ASK or available seat kilometers flown each week are crucial to compare smaller and larger airlines. It is considerably simpler to show that domestic flights have significantly fewer fatalities and issues per ASK.



Flying has grown substantially safer due to the terrorist strikes of 2001. Since then, the number of hijackings and hijacking fatalities has almost completely disappeared. These graphs unmistakably demonstrate how significantly air travel has altered before and after 9/11. (Aviation Safety Network(2022). Although longer wait times to board a plane may result from tighter airport security (Seaney, 2019), there is no way that flying could be any safer than it is right now. Additionally, domestic flying is still more secure than driving.

References

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