Love traveling, but worry about How safe Air Travel is? | Air travel is one of the safest modes of travel in recent times

* by Aarti Ramani / July 13th, 2023

Travel has become essential to people’s lifestyles, particularly air travel. With technological advancements, we are able to reach corners of the world that weren’t accessible before.

But how safe is air travel?

We hear about many airline incidents and fatalities in the news which causes doubt and anxiety in passengers. Airlines often release statements on unfortunate events, but this does not assure the safety of passengers.

Let’s take a statistical approach to answer subjects that could influence a passenger’s ease of flying, by looking at the airline safety data on fatalities and incidents from 1985 to 2014.

***Which countries are the safest when it comes to flying?***A map of the world

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The visualization indicates that most airline fatalities occur in developed countries like the USA and Russia. However, this does not necessarily mean that such countries have lower airline safety standards than developing countries. One crucial factor to consider is the air traffic volume across countries. Air travel is a prevalent mode of transportation in developed nations, and as a result, the fatality rate is likely to be slightly higher in these countries.

**Are there any airlines that can be classified as safe or unsafe?**

Knowing if an airline is safe before making a reservation could put passengers at ease. Let’s see which airline marked the best and worst in terms of safety from 1985 to 2014.

A graph of numbers and text

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When it comes to safety, Southwest Airlines has a flawless record with no fatalities. On the other hand, Air France has had the highest number of fatalities. This is something to consider before booking a flight.

**The role of aircraft in ensuring safe air travel**.

Passengers may not always have the option to select a specific aircraft, but if available, it could potentially increase safety. If not available, passengers can use this information to make an informed decision on whether or not to fly.A screen shot of a graph

Description automatically generated

We can say that the Douglas DC-3 aircraft appears to have the highest number of fatalities overall, which is information that passengers may want to inquire about before making reservations.

**Overall fatality rates and air travel safety in the future.**

A graph with red lines

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We can see that the 1970s and 1980s had the highest number of fatalities. However, it is reassuring to note a decreasing trend in the number of fatalities. Although airline incidents or fatalities cannot be controlled, airline manufacturers and companies are working hard to ensure passenger safety.

**So, is air travel really safe?**

Traveling by air is one of the safest modes of transportation, with the number of fatal accidents being extremely low compared to road travel. If you are concerned about flying safety, rest assured that the chances of being in a fatal airline accident are one in a million.

Disclaimer

This analysis is based on datasets from Kaggle and the Aviation Safety Network's database. As the data does not come from an airline-specific or government agency, there may be inaccuracies. This study is intended for informational purposes only.

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