

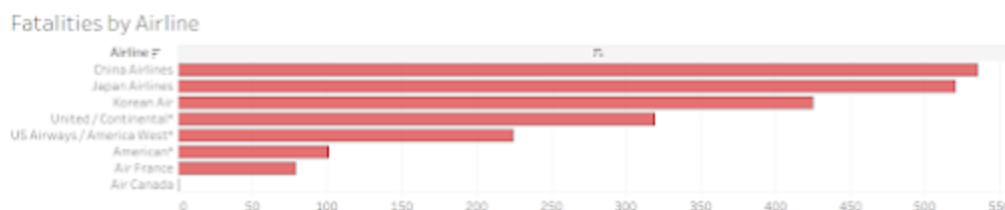
Are the Friendly Skies Still Friendly?

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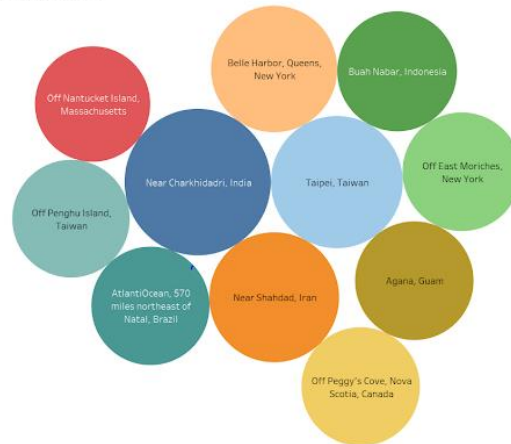
As more and more people start to travel again after Covid-19, the skies are alive again with the hustle and bustle of travelers. This brings an important topic back into focus - Is it still as safe to fly as it was before? There are numerous data sources and flight safety history to evaluate to help make these decisions. We know here in the U.S. there are strict safety protocols to follow, but what about when traveling abroad? Are other countries protocols just as safe and effective? We will take a trip thru data that has been collected back as far as 30 to 40 years and see what has potentially changed, what countries you may want to avoid travel too via flight and also how airline fatalities compare to the number of people flying and those percentages. So let's sit back and take a flight thru flight safety and see which sky's are still friendly.

This first visual is a comparison of some of the top airlines and potential destination flights. This data compares flight fatalities back to 1985. As we can see, although some countries safety standards may have improved, there are some airlines that you may want to avoid if you are not a risk taker.

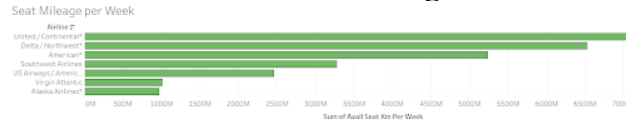


This next visual are locations where fatalities have been happening regardless of airline. As we can see, there are some destinations that could be riskier than others. If you have an upcoming honeymoon to any of these places, make sure your life insurance is up to date just to be on the safe side.

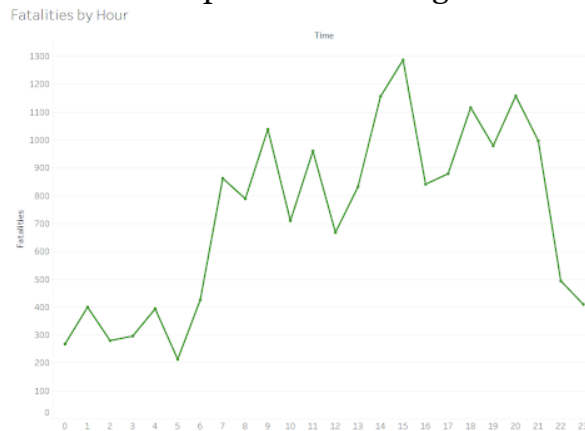
Fatalities by Location



Bringing it a bit closer to home, we can see from the chart below that here in the U.S., we fly a lot of miles. Here is a breakout of the mileage for domestic carriers.



Interestingly enough, there are better times to fly than not. Here is a breakout of all the airlines fatalities based on time of day. As we can see, if you are flying around 3p in the afternoon, you could be more susceptible to crashing than other times of the day.



It's not all doom and gloom though. As we can see, since 1995, fatalities from airline crashes have steadily decreased. This is more than likely due to more stringent regulations being put in place and higher safety standards in the form of staff training.



Here in the U.S., we are doing quite well in regard to safety standards. According to the Bureau of Transportation Statistics, we have only had 4 fatalities in 2019 when it came to flying. That's good news. Out of the millions of people who fly each year, statistically speaking, you are highly unlikely to get injured on your flight.

	2015	2016	2017	(R) 2018	(P) 2019
Total fatalities	0	0	0	1	4
Total seriously injured persons	(R) 23	18	19	26	18
Total accidents	(R) 28	30	(R) 33	31	40
Fatal accidents	0	0	0	1	2
Aircraft-miles (millions)	7,822	8,017	8,155	8,474	8,688

The good news is it looks like the friendly skies are still friendly once more. As you are deciding on your next trip, keep in mind that airline travel is still one of the safest ways to get to your destination.

References can be found
at: https://github.com/Mjohn41823/Tableau_Dashboard_AirplaneData