

## Air Travel Safety

Constantly we hear that air travel is unsafe and that you are risking your life to travel by plane, but what makes this true. As the years have gone on, air travel has gotten safer and safer. The fatalities from plane crashes have been cut in half from the years 2000-2014, compared to where they were in 1985-1999. If this trend continues, there will be little to no fatalities from air travel by the year 2050. Along with this, if we are to focus our efforts of air safety on specific locations, then this will likely speed up the process. From the years 2000-2014, American airlines had the largest number of fatal accidents capping at 3. Along with this airline, there are a handful of others that had 1-2 with the rest having 0. If we look at causing factors through these airlines, we can help prevent any more incidents in the future. If we look at motor vehicle data for the years 2010 –2018, we can see that there are roughly 1300 accidents that have occurred in the state of Massachusetts that resulted in some type of injuries. Of these accidents, 783 were severe. This is data for one state, and less years than the data for the air travel, yet they have more incidents in this time period. If we considered this average, the number of air incidents would not have been a fraction of the percent of incidents that occur in motor vehicles across the world. If we look at the supporting data provided by the Bureau of Aircraft Accident Archives, we can see the same trends, that accidents occur less and less each year. So, in conclusion, by identifying the troubled locations, and continuing the path that air travel has been going we will be the safest way of traveling, if not already compared to travel by motor vehicles.

### Additional Sources:

Accidents graph. (n.d.). Retrieved April 11, 2021, from <http://www.baaa-acro.com/crash-graph?created%5Bmin%5D=2000-01-01&created%5Bmax%5D=2009-12-31>

There are 32 Crash datasets available on data.world. (n.d.). Retrieved April 11, 2021, from <https://data.world/datasets/crash>

### GitHub link:

[https://github.com/mkline3/DSC640/tree/main/DSC640 Project](https://github.com/mkline3/DSC640/tree/main/DSC640%20Project)