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DSC 640

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World Flight Safety Facts Blog

https://nestamydsc640.blogspot.com/

At the World Flight Safety Organization, getting you to your destination safely is our number one priority. We strive for zero fatalities and accidents and will not be happy until this is achieved. We have taken on different initiatives to increase flight safety across the globe. From these initiatives, we have seen a dramatic decrease in flight fatalities. Safety will always be the focus of our work and we will learn from our peers to understand best practices around safety. We have recently rolled out our blog to inform the public of the facts around flight safety and several initiatives we have been working on.

There is a common belief that planes are safer than cars. We evaluated this statement and can confirm it is true. The chances of dying in a plane crash are 1 in 11 million versus dying in a car crash which are 2,200 in 11 million. In both of these scenarios, the chances of dying in either form of transportation are really low.

Any death is a tragedy so we want to communicate the initiatives we have taken to improve the safety of flying. We have seen a decrease in fatalities in the last 70 years and there has been increased improvements in the last 15 years. Our continued safety initiatives are in place to continue this trend. We have increased maintenance on our planes to ensure that any problem with the craft is caught early. We have also restructured our pilot examines with an increased focus on safety. Our third main initiative is to update our safety video shown at the beginning of the flight.

The colors were specifically chosen for the blog as well as the graphics. We did not want the theme to distract from the message because we are writing about fatalities. Red and navy are common colors throughout. The easy to read text allows the readers to focus on the message. All graphics have a complimentary muted green background to draw the focus to the graphic after reading the blog. Y-Axis lines were added to allow readers to easily understand the relationship between the x and y axis. The graph labels were simplified and additional text in the blog was used to clarify the meaning of the graphs. Borders were also added to the graphs to create a clean view. The chart types were simplified but still informative to get our message across. We stuck to bar graphs, step graphs, area charts, and gauges to paint a clear picture for our audience.

Sources

- https://www.airlines.org/dataset/annual-results-world-airlines/#
- http://www.baaa-acro.com/statistics
- https://github.com/fivethirtyeight/data/tree/master/airline-safety
- https://policyadvice.net/car-insurance/insights/how-much-do-americans-drive/
- https://www-statista-com.ezproxy.bellevue.edu/statistics/241488/population-of-the-us-by-sex-and-age/
- https://www.pbs.org/wgbh/nova/planecrash/risky.html
- https://www.nytimes.com/2019/01/14/us/opioids-car-crash-guns.html

Github Link: https://github.com/nestingen/DSC-640-Project