



AIRPLANE SAFETY

Executive Summary

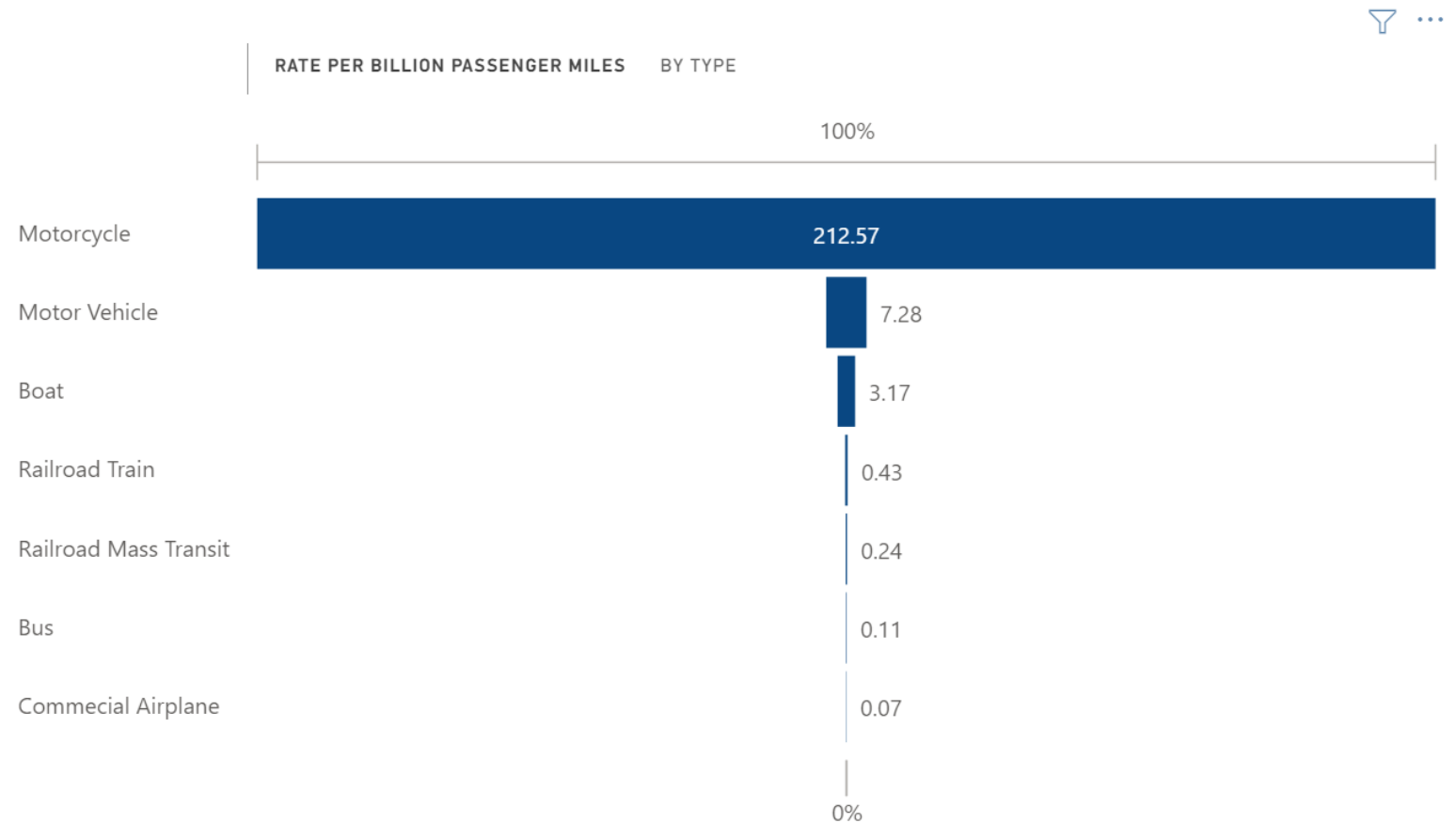
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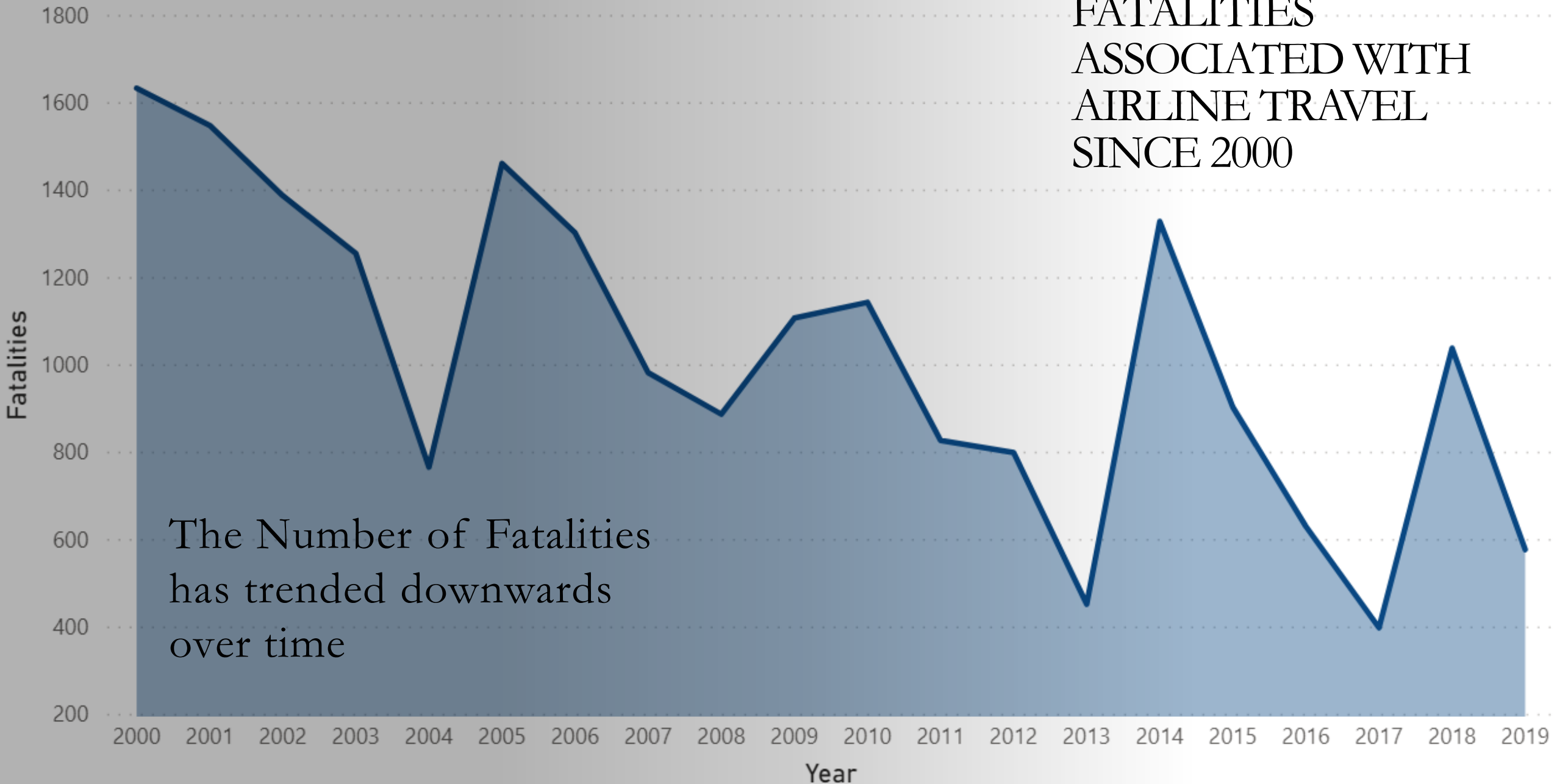
Death Rates Associated with Distance Traveled

- Motorcycle travel is the most dangerous method of transportation
- Commercial Airline travel is associated with the lowest death rate

SRC: <https://faculty.wcas.northwestern.edu/~ipsavage/436-appendix.pdf>



WORLDWIDE FATALITIES ASSOCIATED WITH AIRLINE TRAVEL SINCE 2000



The Number of Fatalities
has trended downwards
over time

NB OF CRASHES BY YEAR

SRC: <http://www.baaa-acro.com/statistics>

WORLDWIDE CRASHES ASSOCIATED WITH AIRLINE TRAVEL SINCE 2000

Nb of Crashes

240
220
200
180
160
140
120
100

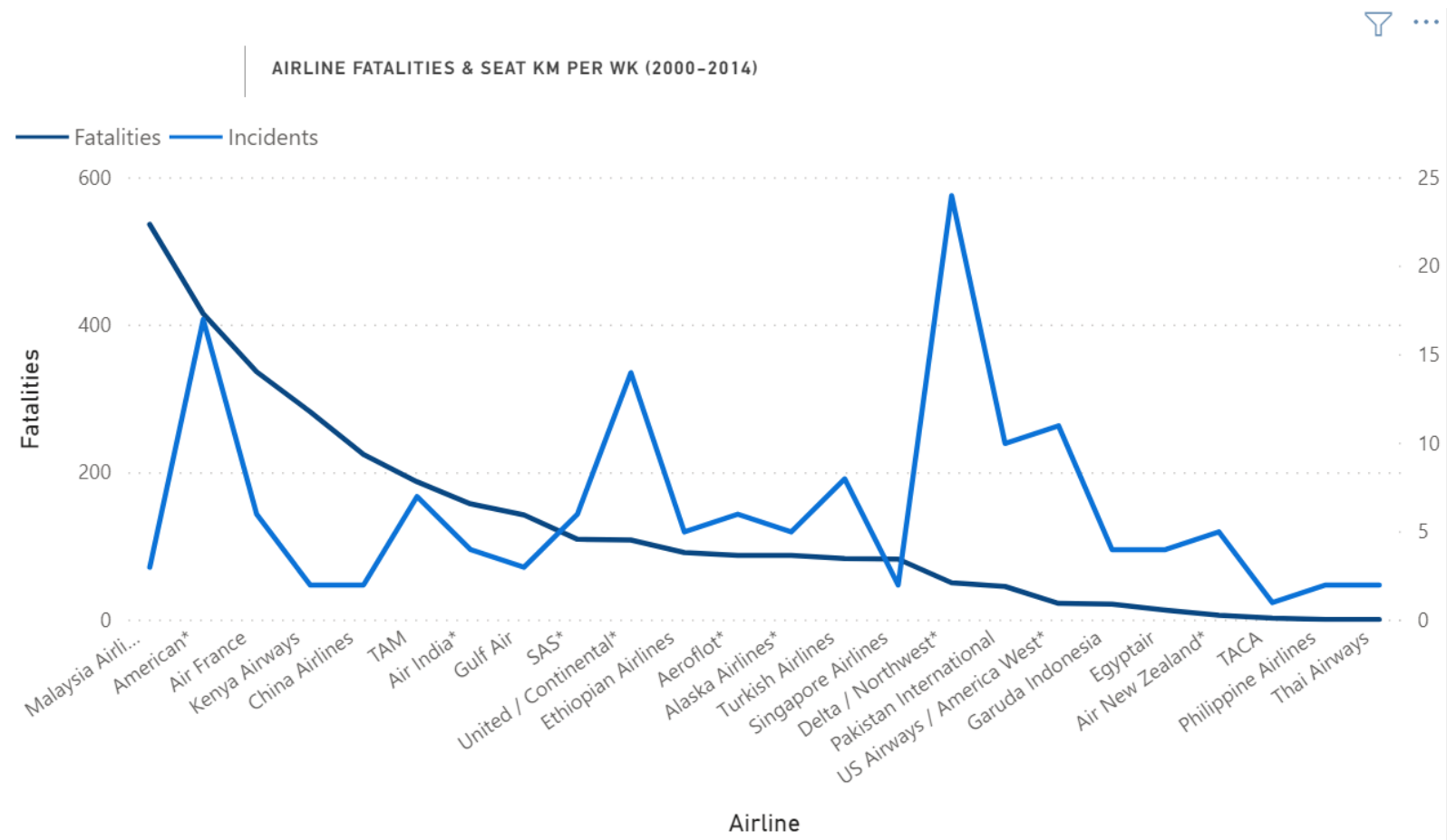
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

Year

The number of crashes
has significantly decreased
over the last twenty years



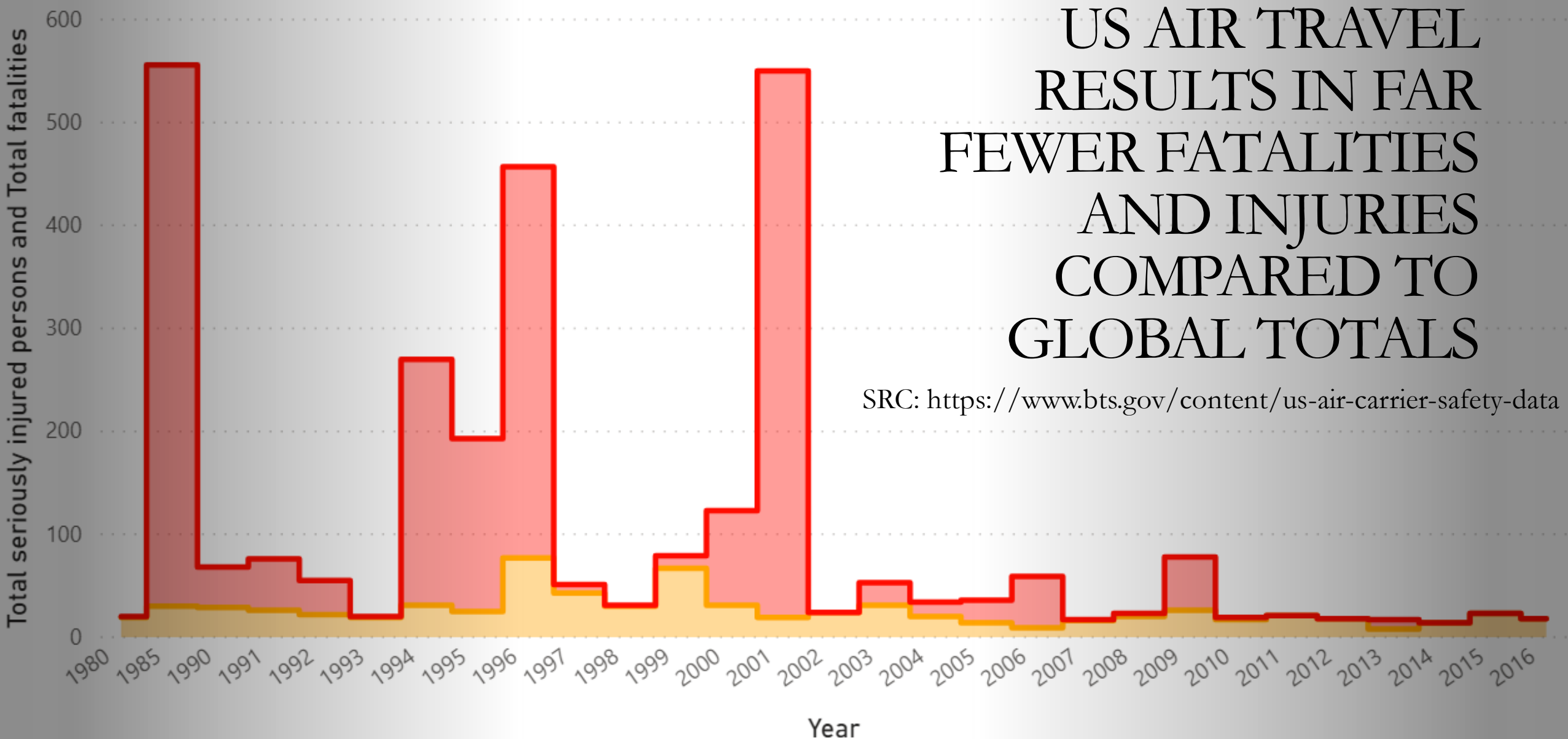
SRC: Aviation Safety Network



Global Fatalities and Incidents Reported Per Airline Since 2000

◦ The graphic indicates that a high number of the incidents and fatalities which have occurred are associated with foreign airlines

● Total seriously injured persons ● Total fatalities



FATAL ACCIDENTS AND TOTAL ACCIDENTS BY YEAR

● Fatal accidents ● Total accidents



SRC: <https://www.bts.gov/content/us-air-carrier-safety-data>

Conclusion

- Commercial Airline travel is the safest way to travel when accounting for the number of miles passengers travel
- The worldwide and US trend for Air Travel associated fatalities and incidents has been decreasing over time
- US Air Travel specifically has a very low occurrence of fatal accidents with fewer accidents resulting in Fatalities since 2011

Sources

- SRC: <https://www.bts.gov/content/us-air-carrier-safety-data>
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