

EXECUTIVE SUMMARY

A REVIEW OF THE CURRENT STATUS OF FLIGHT SAFETY AND
BUSINESS

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EXECUTIVE SUMMARY OUTLINE

1. KPI's From Provided Data
2. Difference Between Fatal Accidents & Aircraft Incidents
3. Aircraft vs. Vehicle Fatality Comparison
4. U.S. Airline Revenue Review
5. Conclusion

KPI'S FROM PROVIDED DATA

Total Airline Incidents 2000-2014

231

Total Airline Fatal Accidents 2000-2014

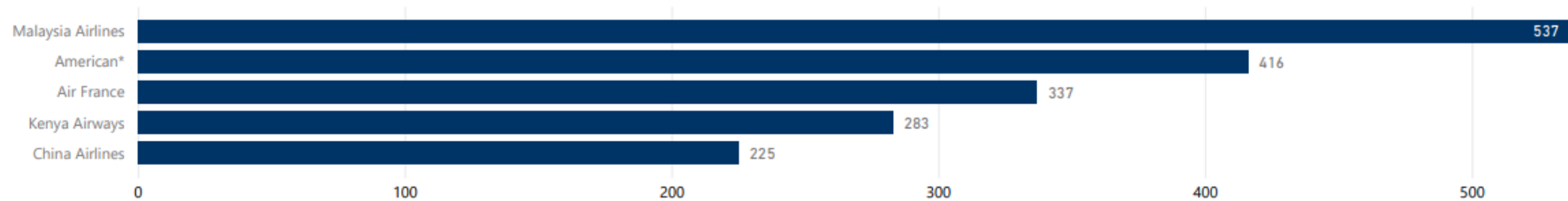
37

Total Airline Fatalities 2000 - 2014

3109

KPI'S FROM PROVIDED DATA CONT.

Top 5 Airlines with the most fatalities from 2000-2014 (57% of Total Fatalities)



Number of Flights From 2004-2021 (Millions)



INSIGHTS FROM KPI INFORMATION

- Possible difference between Incidents and Fatal Accidents
- Flights have increased from 2004-2021
 - Only dip was due to Covid-19 (2020)
- Airlines with the highest fatalities are inflated due to one air flight.
 - Ex. Malaysia Airlines Flight 370 (227) & Flight 447 (228)



DIFFERENCE BETWEEN FATAL ACCIDENTS & AIRCRAFT INCIDENTS

FATAL ACCIDENTS

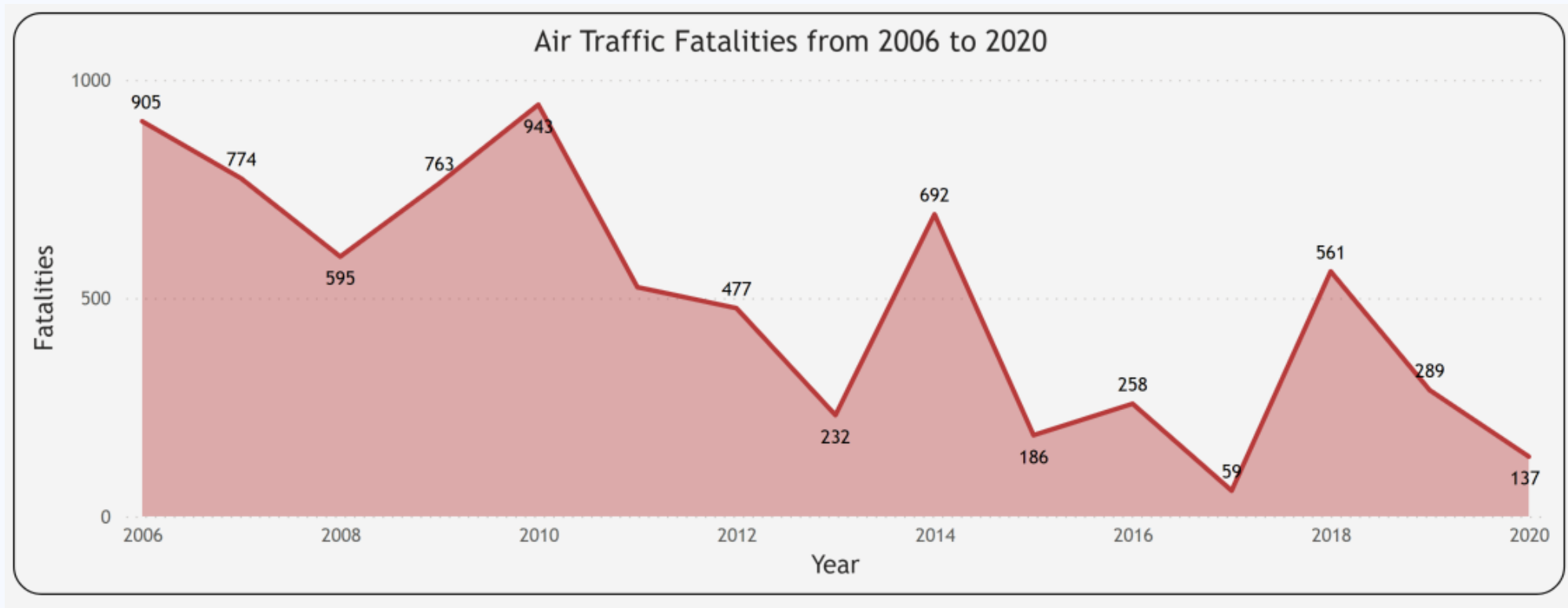
- An occurrence associated with operation of an aircraft.
- Timeframe: anytime a person boards the aircraft for flight and when flight is disembarked.
- Includes:
 - Deaths or Hospitalization
 - Fractures
 - Third-Degree Burns

Source: Eaa.org

AIRCRAFT INCIDENTS

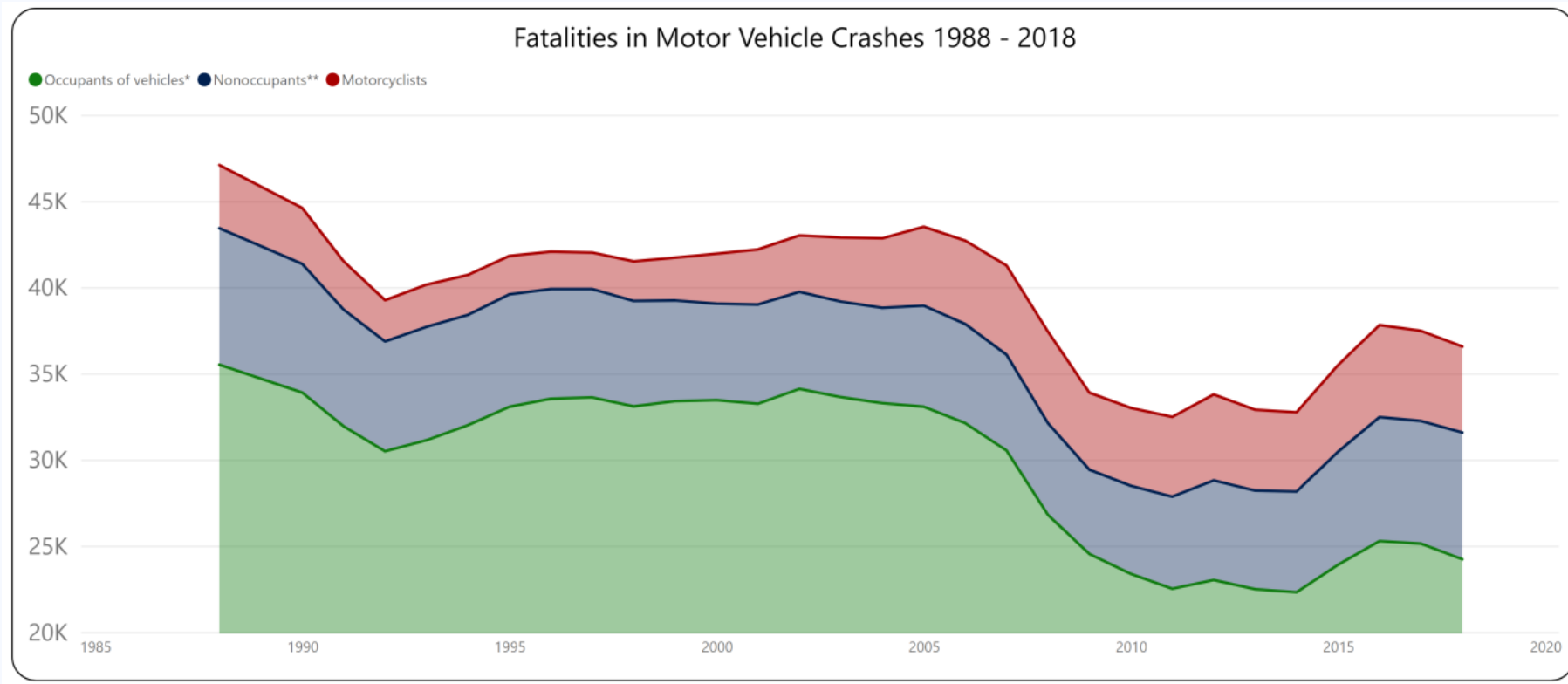
- Events that prevent the aircraft from performing flight duties
- Includes
 - Flight System Malfunction
 - Flight Crew Injury or Illness
 - Exceeding of Maximum Weight Limit
 - Engine Failure Before Take Off

AIRCRAFT VS. VEHICLE FATALITY COMPARISON



Source: <https://www.statista.com/statistics/263443/worldwide-air-traffic-fatalities/>

AIRCRAFT VS. VEHICLE FATALITY COMPARISON CONT.

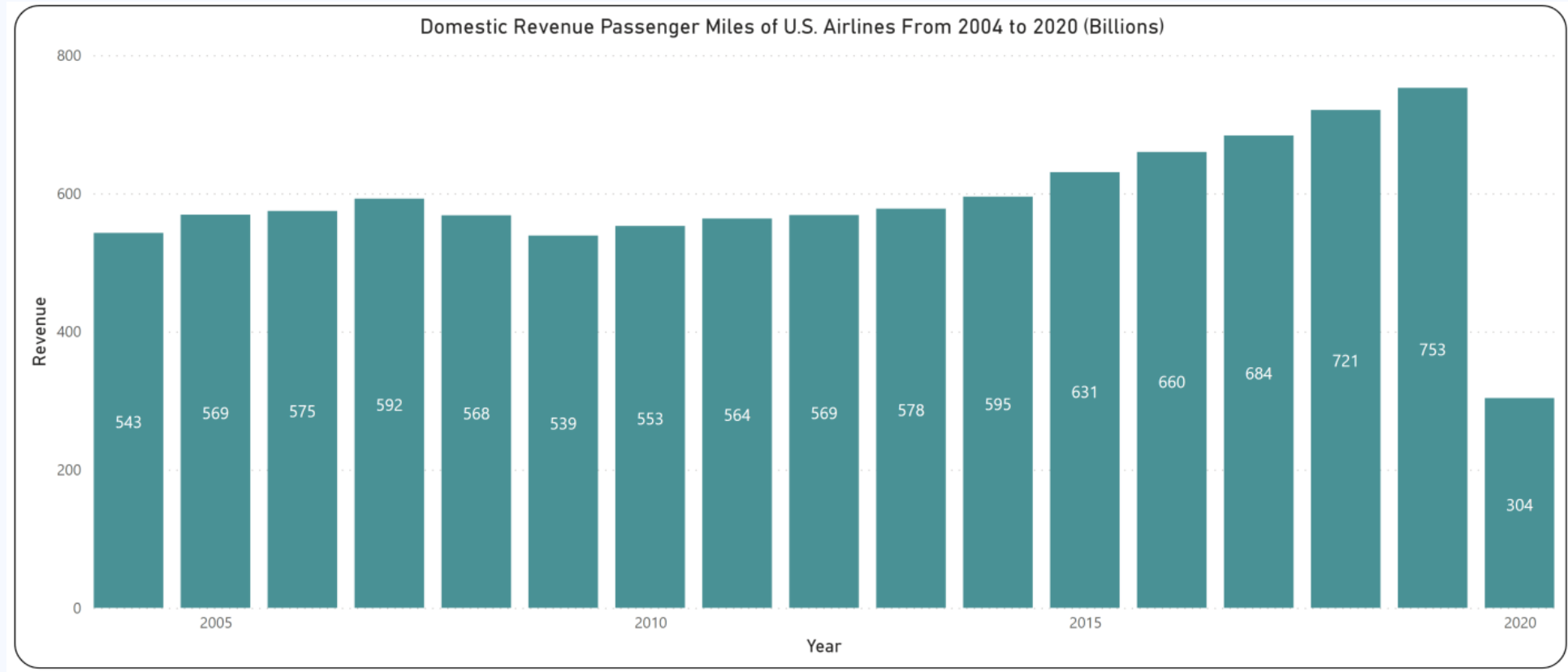


Source: [nhtsa.dot.gov](https://www.nhtsa.dot.gov)

* Vehicles: passenger cars, light and large trucks, buses, and other/unknown.

** Nonoccupants: pedestrians, pedal cyclists, and other/unknown.

U.S. AIRLINE REVENUE REVIEW



Source: <https://www.transtats.bts.gov/DataElements.aspx?Data=1>

CONCLUSION

- Media may manipulate customers by explaining flight incidents, should be included in fatal accident count.
- Flights and Flight Revenue have increased substantially overtime. Covid-19 appears to be the reason for 2020 dip.
- Air Flight Travel has produced significantly less fatalities over the years compared to motor travel.
- We must take action to inform our consumers Flight Travel is the better and safer way of travel.



Questions?