

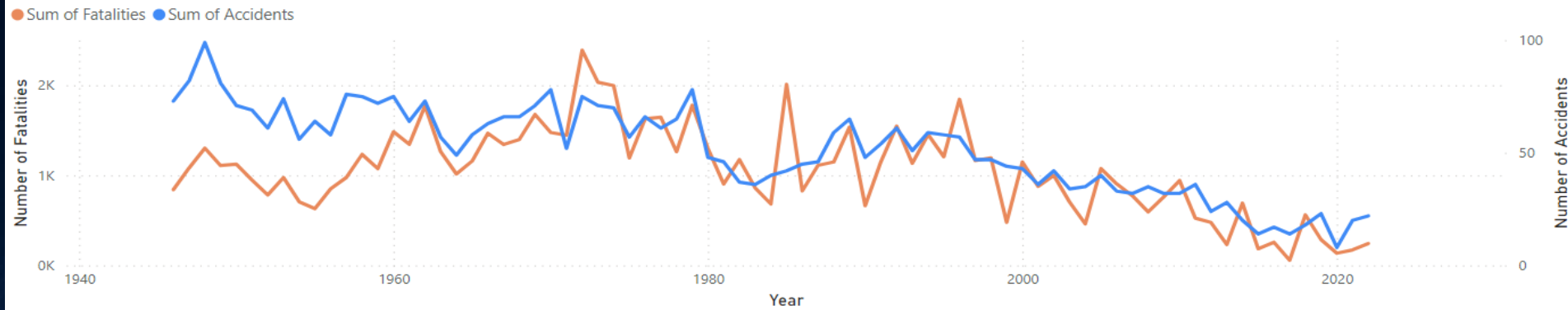
# Air Transport

IS IT STILL A SAFE MODE OF TRANSPORTATION?

# Accidents/Fatalities are Declining

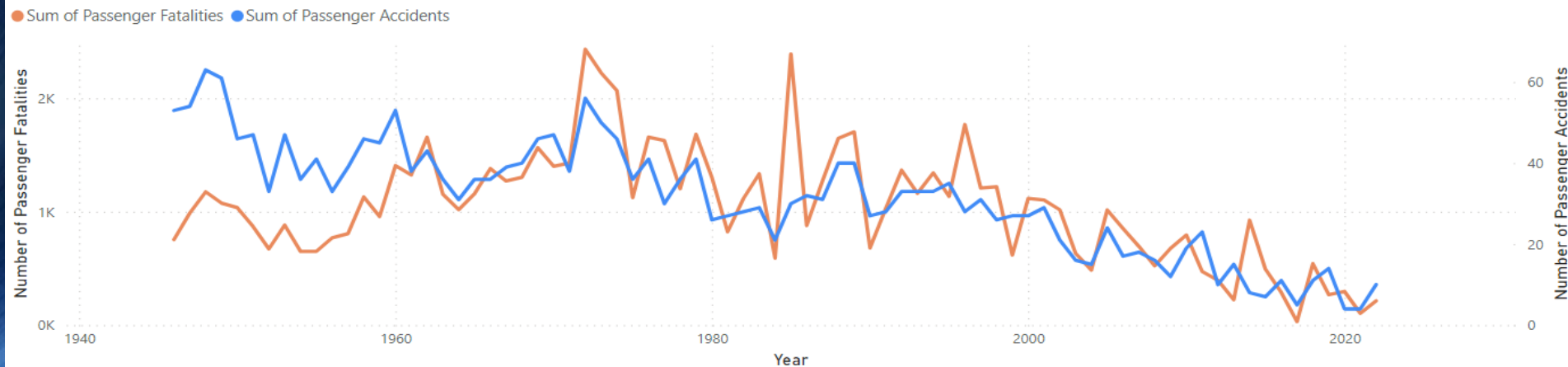
**The Decline in Flight Accidents and Fatalities**

Sourced from [https://docs.google.com/spreadsheets/d/1SDp7p1y6m7N5xD5\\_fpOkYOrJvd68V7iy6etXy2cetb8/edit#gid=1448957446](https://docs.google.com/spreadsheets/d/1SDp7p1y6m7N5xD5_fpOkYOrJvd68V7iy6etXy2cetb8/edit#gid=1448957446)



**The Decline in Passenger Flight Accidents and Fatalities**

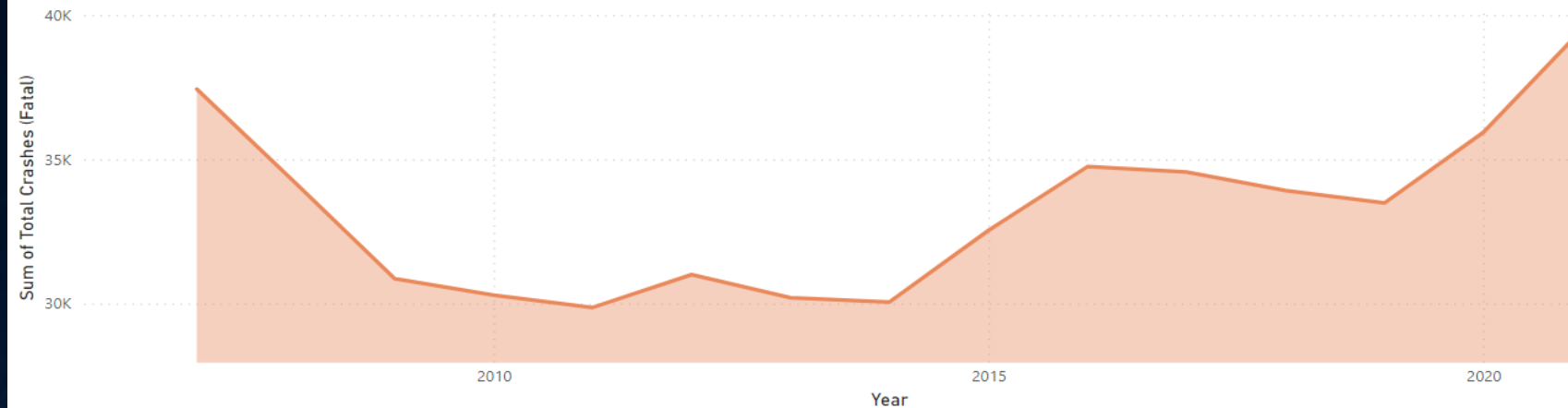
Sourced from [https://docs.google.com/spreadsheets/d/1SDp7p1y6m7N5xD5\\_fpOkYOrJvd68V7iy6etXy2cetb8/edit#gid=1448957446](https://docs.google.com/spreadsheets/d/1SDp7p1y6m7N5xD5_fpOkYOrJvd68V7iy6etXy2cetb8/edit#gid=1448957446)



# Motor Vehicle Accidents are Increasing

Fatal Motor Vehicle Accidents (2007-2021)

Sourced from National Highway Traffic Safety Administration (NHTSA) Motor Vehicle Crash Data

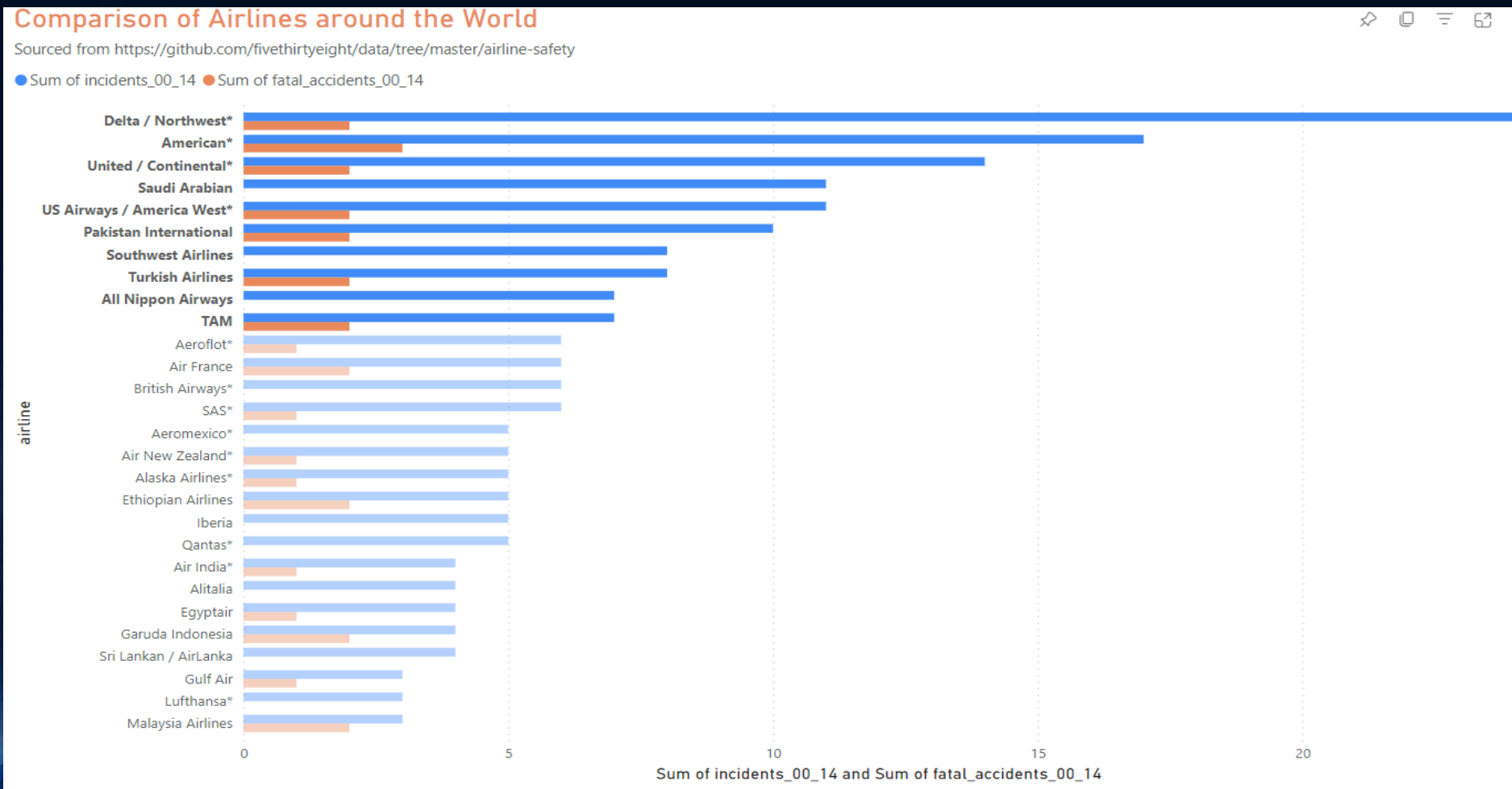


Motor Vehicle Accidents with Injury (2007-2021)

Sourced from National Highway Traffic Safety Administration (NHTSA) Motor Vehicle Crash Data



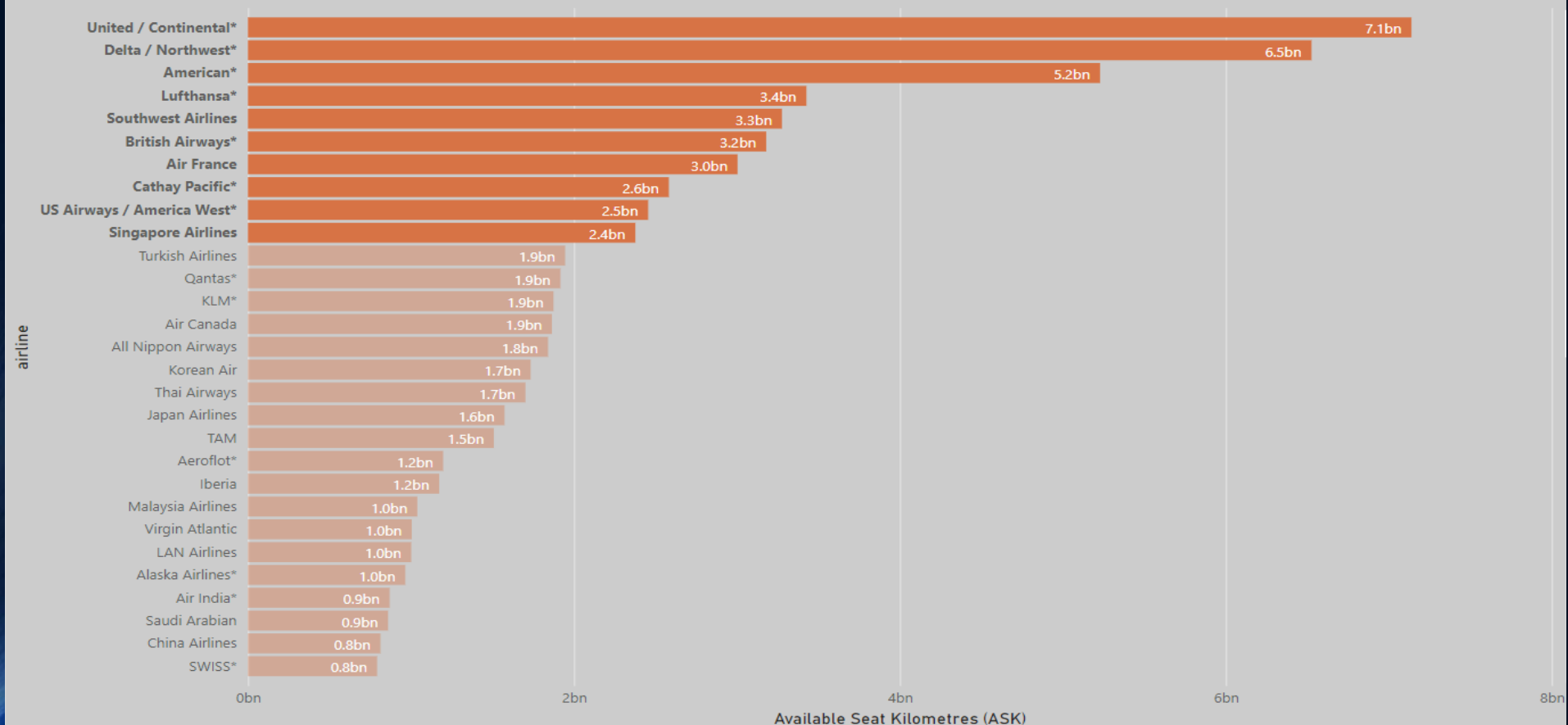
# Airliner Incidents



# Total Airliner Travel Per Week

## The Average Available Seat Kilometres (ASK) Per Week

Sourced from <https://github.com/fivethirtyeight/data/tree/master/airline-safety>

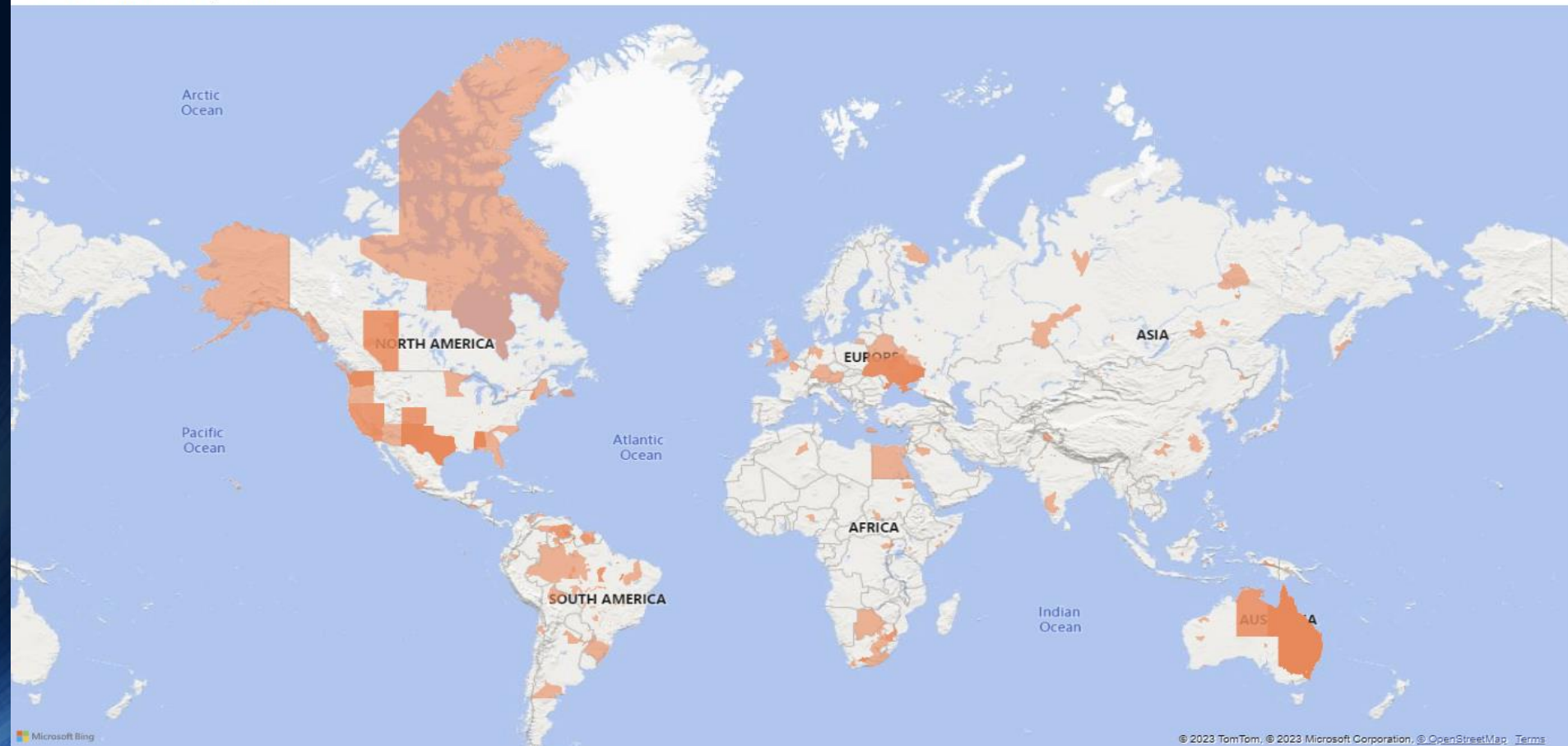




# Crash Locations

## Aviation Crash Locations

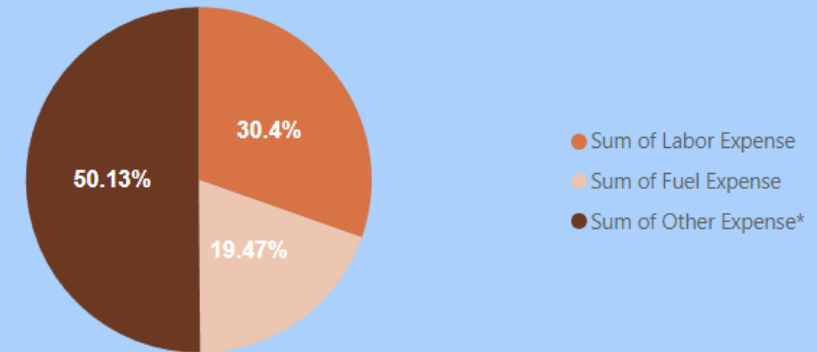
Sourced from Aviation Safety Network



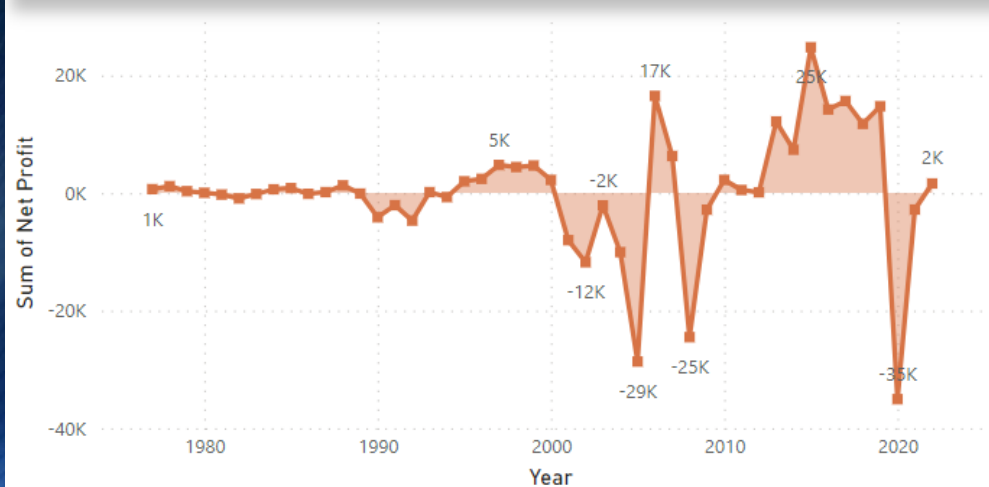
# Actual Concerns

A4A U.S. Passenger Airline Cost Index (PACI): 1Q 2023	Index (2000=100)	YOY Change (%)	% of Op Exp
LABOR	217.8	5.2	31.3%
FUEL	370.4	26.1	22.0%
AIRCRAFT RENTS & OWNERSHIP	86.0	(8.0)	5.6%
NON-AIRCRAFT RENTS & OWNERSHIP	161.9	(6.5)	4.8%
PROFESSIONAL SERVICES	173.2	11.0	8.9%
FOOD & BEVERAGE	101.0	16.3	1.9%
LANDING FEES	238.9	3.3	2.0%
MAINTENANCE MATERIAL	144.5	18.4	1.9%
AIRCRAFT INSURANCE	60.6	(19.2)	0.1%
NON-AIRCRAFT INSURANCE	129.1	(16.3)	0.2%
PASSENGER COMMISSIONS	16.8	13.8	0.6%
COMMUNICATION	71.2	(0.0)	0.7%
ADVERTISING & PROMOTION	57.6	(12.7)	0.5%
UTILITIES & OFFICE SUPPLIES	178.2	19.3	0.8%
TRANSPORT-RELATED EXPENSES	242.5	18.8	10.0%
EMPLOYEE BUSINESS EXPENSES	222.3	7.6	2.1%
OTHER OP. EXPENSES	191.2	(4.3)	6.6%

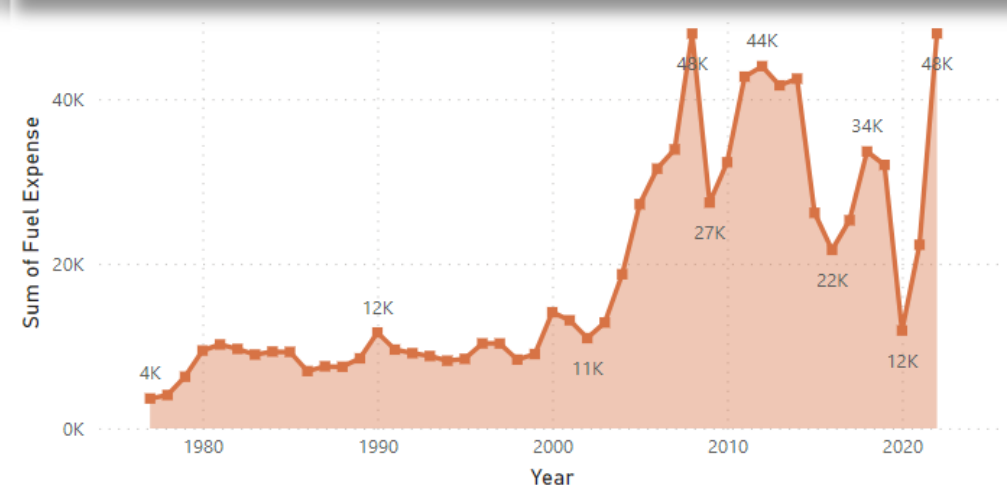
## Operating Expenses



## Change in Profits 1977-2022



## Change in Fuel Costs 1977-2022



# Key Takeaways

- Aircraft incidents are on the decline
- Alternative options experiencing an increase in incidents
- The most popular airlines are still safe
- Determine Geographical conditions that may impact air travel in problem areas
- Provide the public with an action plan to keep airlines safe
- Reduce costs/increase profits