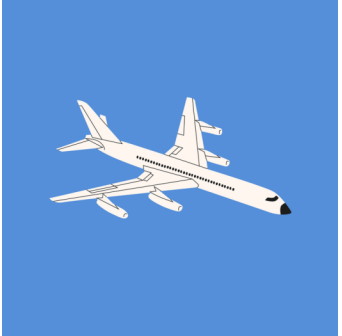


# HOW SAFE IS AIR TRAVEL?

Spoiler Alert: It's Very Safe!!



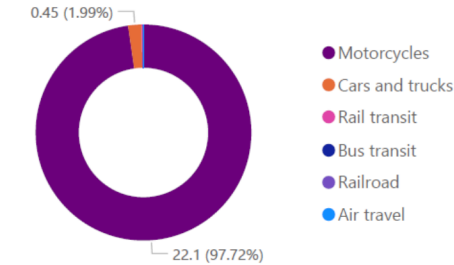
Check out the FACTS behind all the noise:

## Safest Mode of Transportation

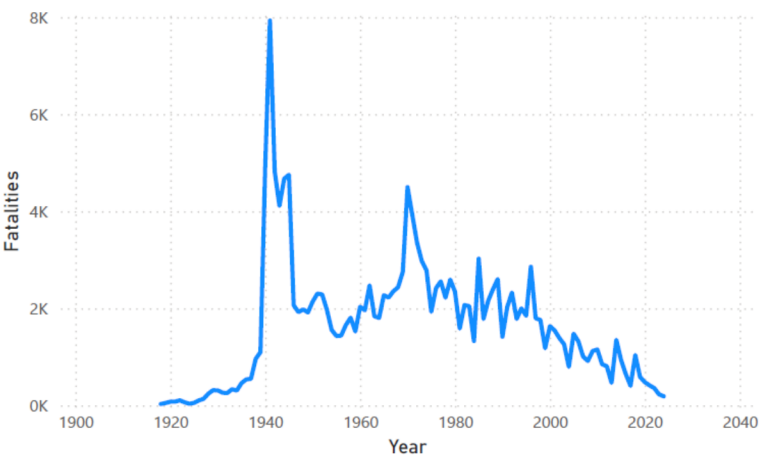
When compared to other modes of transportation, air travel is currently one of, if not the safest mode of transportation. Motorcycles and cars/trucks are the most dangerous forms of transportation.

Transportation mode	Sum of Fatality rate
Air travel	0.01
Bus transit	0.01
Cars and trucks	0.45
Motorcycles	22.10
Rail transit	0.04
Railroad	0.01
Total	22.62

Fatality rate by transportation mode



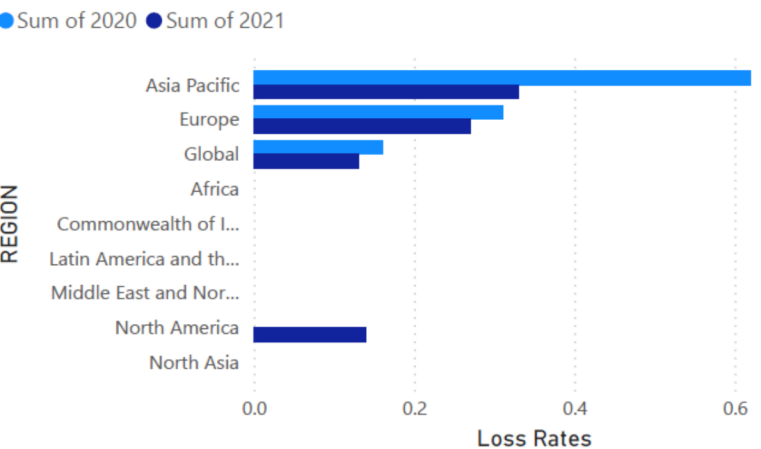
Aircraft death rate by year



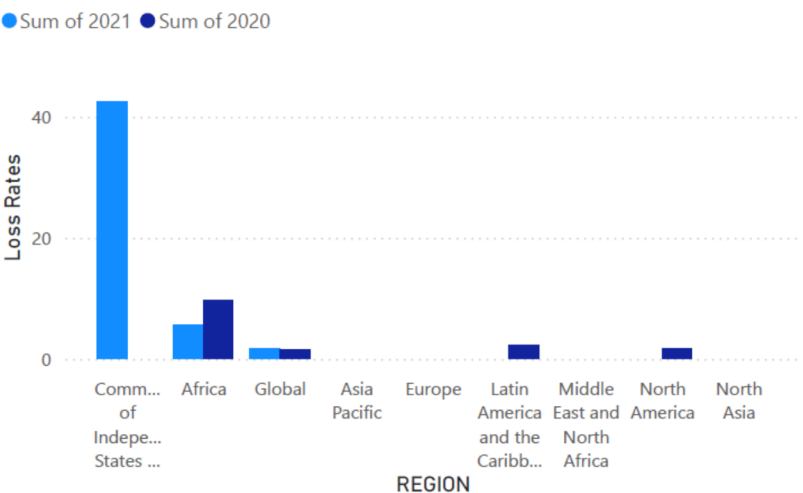
## Aircraft Death Rate

Since reaching a peak of around 8,000 deaths in the 1940s, the aircraft death rate has decreased to less than 500 deaths in 2020 and is still projected to decrease after 2020.

Jet hull loss rates by region



Turboprop hull loss rates by region



## Hull Loss Rates

Africa, Latin America, Middle East, North Asia and the commonwealth states have zero jet hull losses in 2020 and 2021. Whereas all other regions have a jet hull loss rate of less than 0.7 in 2020 and less than 0.4 in 2021. In terms of turboprop hull loss rates, the commonwealth of independent states has a turboprop hull loss rate of around 40 in 2021, rising from 0 the previous year. The overall average global turboprop hull loss rate however is close to 0 in 2020 and 2021.

ACCIDENT TYPE	5-YEAR AVERAGE (2017-2021)
All accident rate (accidents per one million flights)	1.23 (1 accident every 0.81 million flights)
All accident rate for IATA member airlines	0.72 (1 accident every 1.39 million flights)
Fatal accidents (1)	7.4
Fatalities	207
Fatality risk	0.14
IATA member airlines fatality risk	0.04
Jet hull losses (per one million flights)	0.15 (1 major accident every 6.7 million flights)
Total accidents	44.2
Total flights (million)	36.6
Turboprop hull losses (per one million flights)	1.22 (1 hull loss every 0.82 million flights)

## Accident Type

For the five year average of the years 2017-2021, the most important numbers to know is that for all flights, there is 1 airplane accident every 810,000 flights. In terms of IATA member airlines, there is 1 accident every 1,390,000 flights. This means that flight accidents are extremely rare.

Out of 36.6 million flights, there were 44 accidents.

1 airplane accident every 810,000 flights