

DSC 640

Milestone 3: Blog Post

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No Safer Place than the Sky

⊕ Feel safe in the sky. Investments in safety technology and processes has resulted in airlines being a safe form of transportation. This article intended to ease any worries about flying by showing improvements in safety and highlighting causes for the few number of accidents that exist today.

Airline safety continues to improve. Data from the Aviation Safety Network database shows the number declined from 1970 to 2020. In 1970, there were 6.5 accidents per 1,000,000 flights. While low...there were only 0.4 accidents per 1,000,000 flights in 2020.

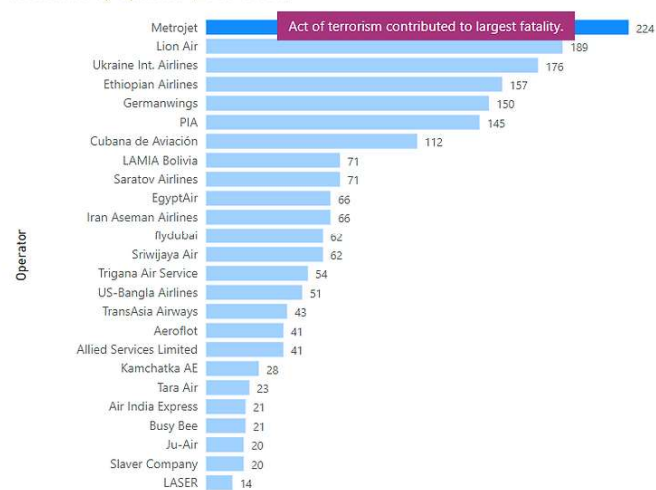
Accidents per Million Flights

1970: 6.5

2020: 0.4

Year	Accidents per Million Flights
1970	6.5
1980	4.0
1990	3.5
2000	2.0
2010	1.0
2020	0.4

It's also important for passengers to understand why accidents occur. One of the largest influences on accidents has not been safety difficulties. Over the past five years, terrorism has been responsible for the largest fatalities for an airliner. In fact, the data from the Aviation Safety Network Database shows rankings of airlines with the largest fatalities do not include any US-based airlines.



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Safety in the United States, Canada, and other developed areas do not rank as having a large number of fatalities. This is despite the large increase in flights, which has increased from 9.7M departures in 1970 to 37.4M departures in 2019. **AND**, the capacity on each flight increased. The Airline Data Project shows passenger congestion over the past few years is increasing.

Airlines and airports have performed phenomenally in lowering risk while handling larger loads.

- Global departures have increased significantly - from 9.4M in 1970 to 37.4M in 2019
- Capacity (number of passengers / seats on flight) increased from 67% in 1995 to 85% in 2019.

% of Seats Occupied



Year	% of Seats Occupied
1995	0.67
2005	0.79
2019	0.85

Today, we covered the actions airlines and airports have made to make flying safe for passengers. When removing cases of terrorism and ignoring countries where most passengers do not fly, the evidence shows passengers in the US and other larger countries are more than safe. So sit back, and enjoy your travels.

Sources:

