

ICAO Annual Safety Report

ALG Symposium

20-21 Nov 2024

Abu Dhabi



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Global Traffic Statistics

**Global Accidents
Statistics**

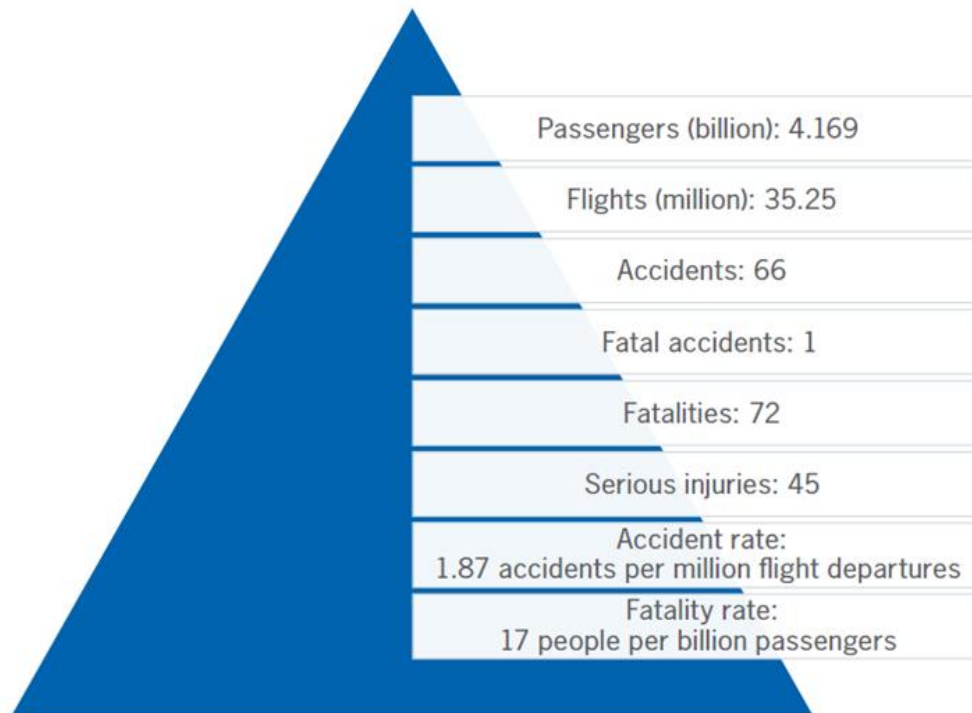
**MID Region Accidents
Statistics**



01 Global Traffic Statistics

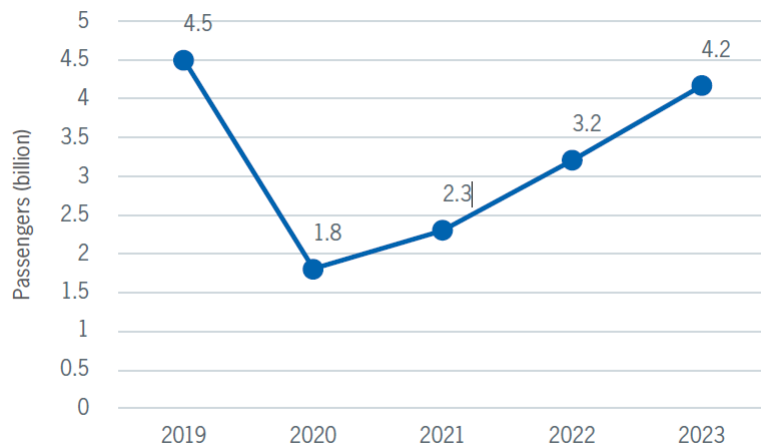
Safety Overview 2023

Scheduled
Commercial
Operations
Above 5700 kg

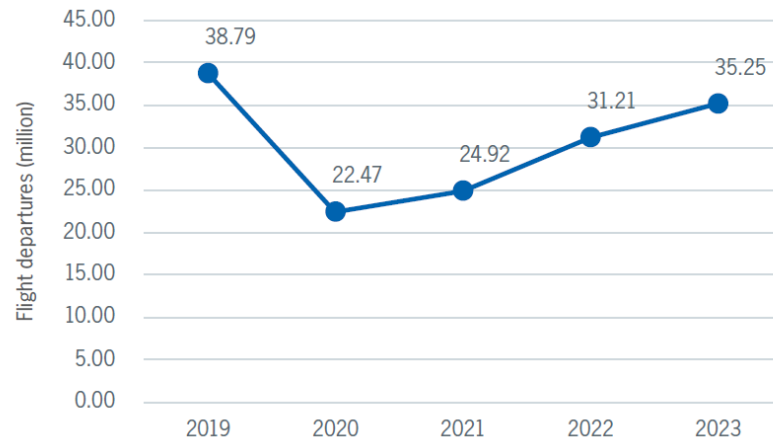


Global Traffic of Passengers & Flights

Global traffic of passengers (billion)



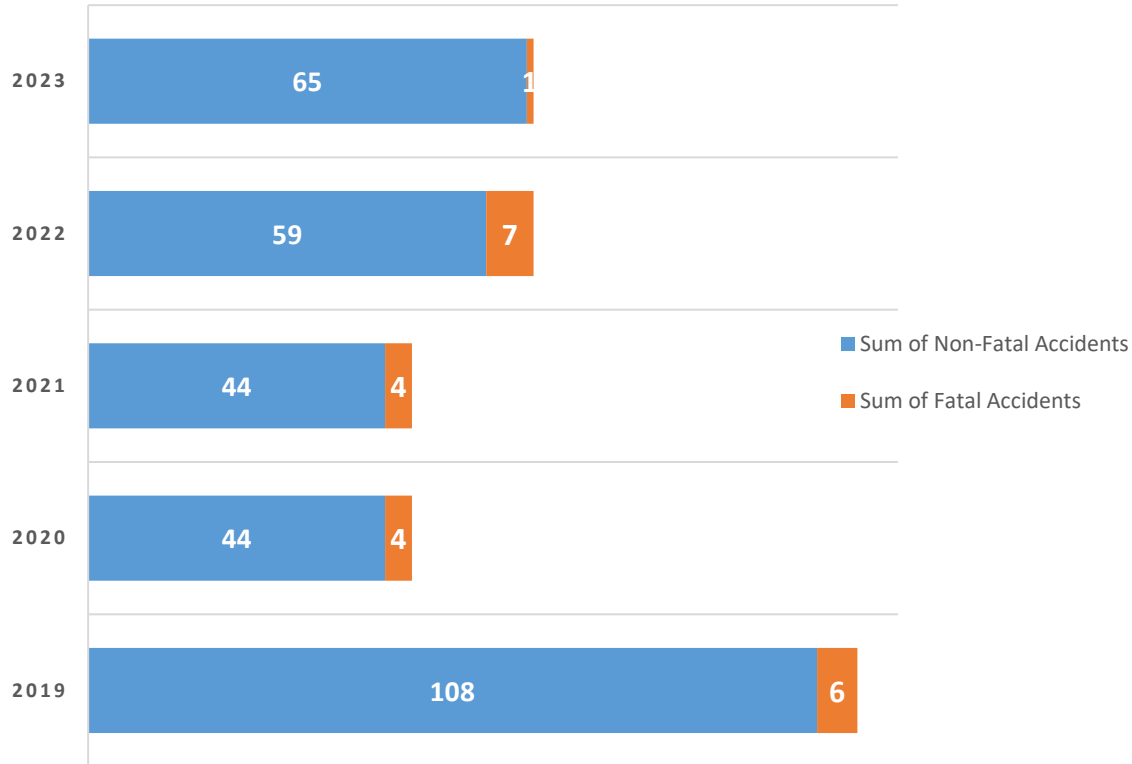
Global traffic of flight departures (million)





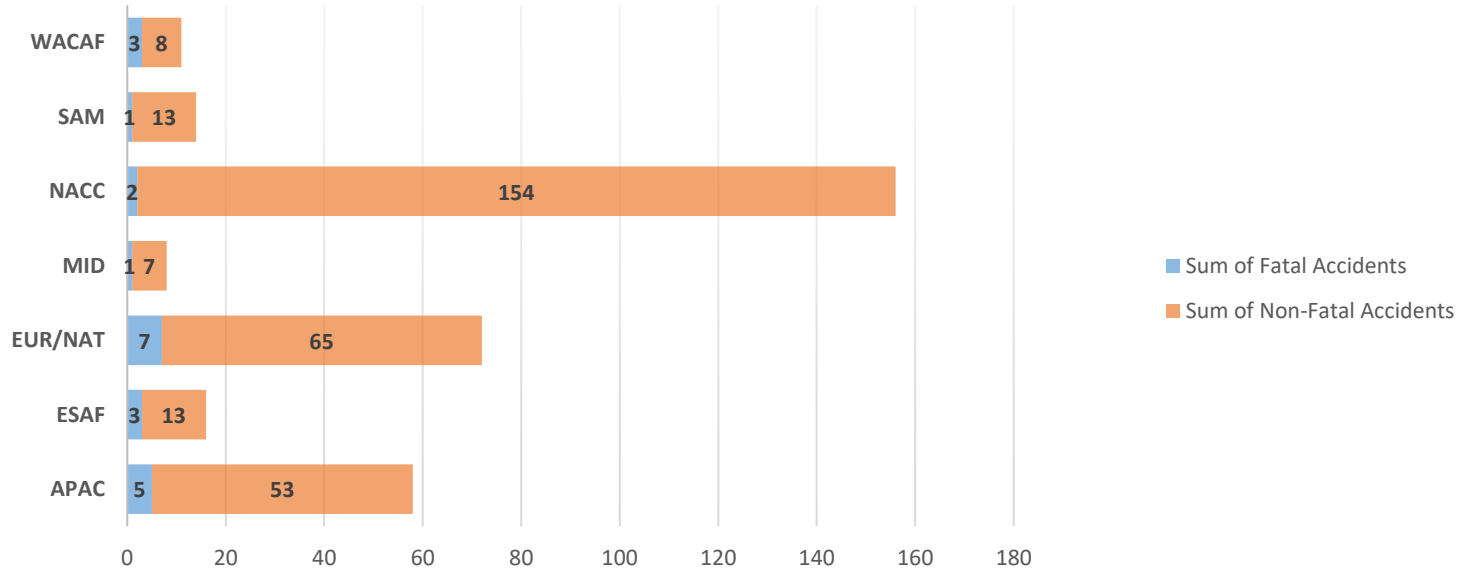
02 Global Accident Statistics

Global Accidents 2019-2023



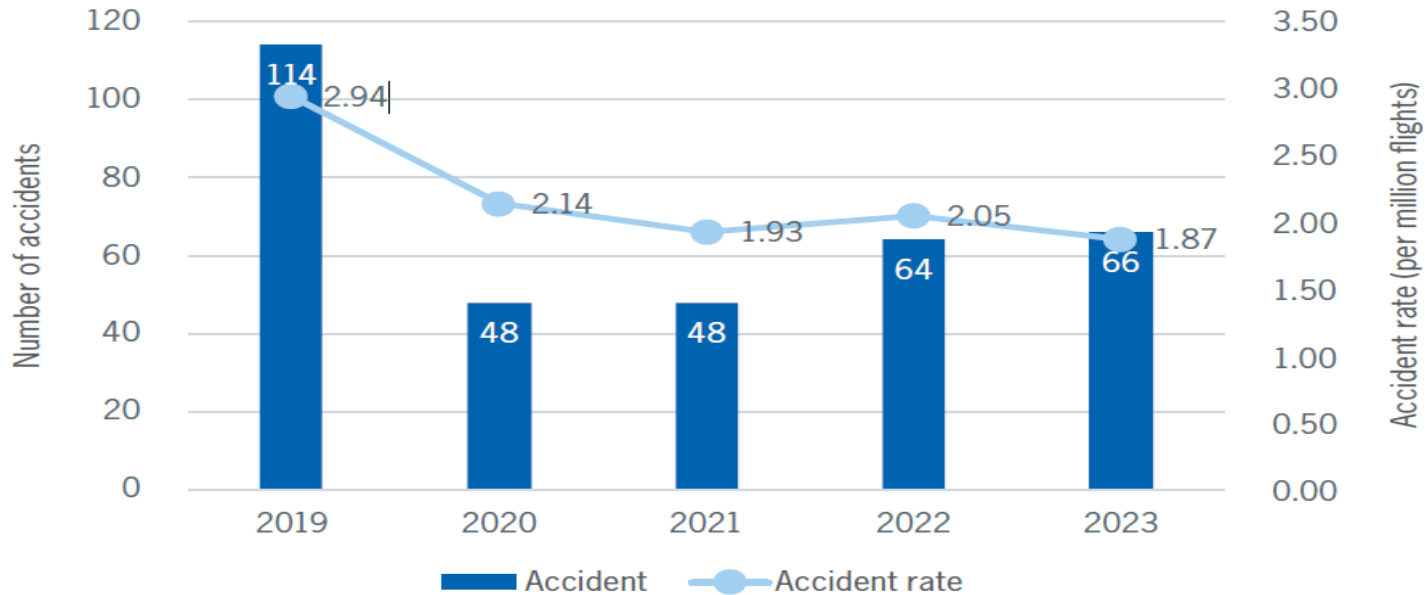
Total Accidents: 342
Total fatal Accident: 22

Global Accidents- Break Down by ICAO Region for 2019-2023

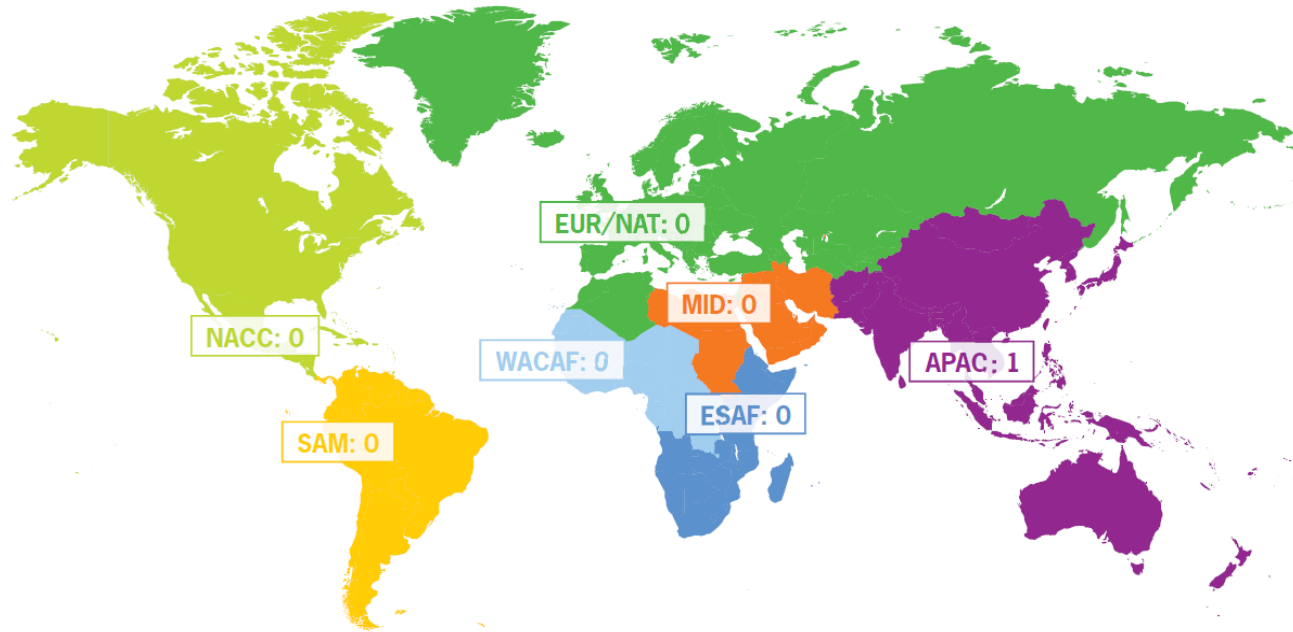


Global Accident

2019–2023 Scheduled Commercial Operations above 5700 kg

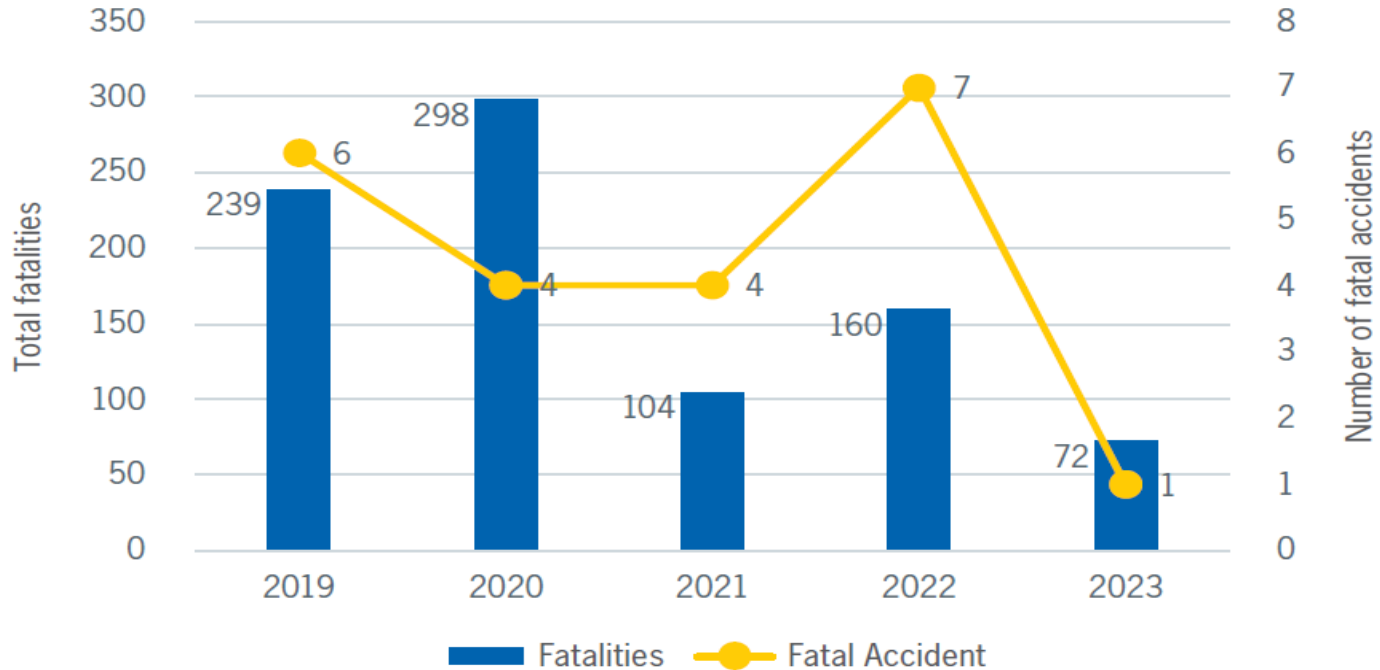


Fatal accidents by ICAO region - 2023



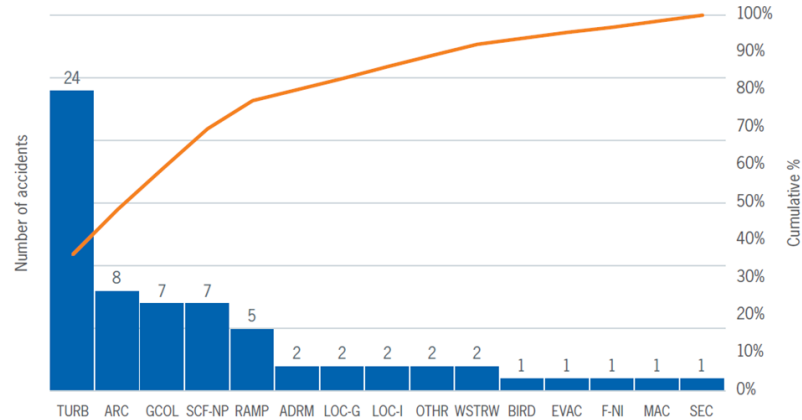
Global Fatal Accidents Vs Fatalities

2019–2023 Scheduled Commercial Operations

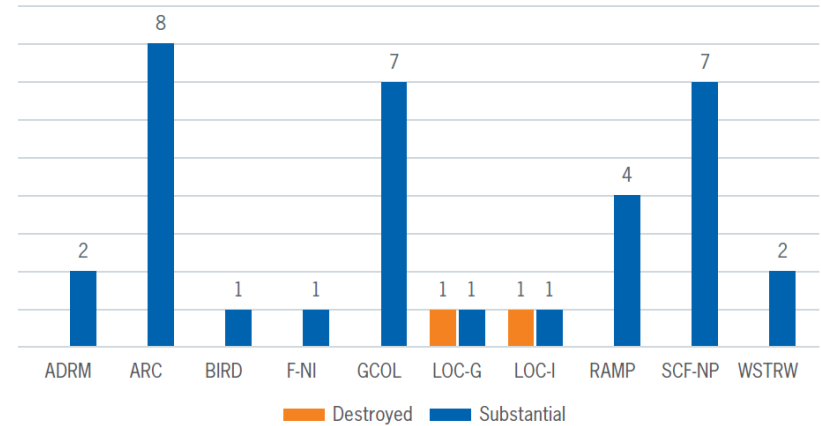


Occurrence Category - 2023

Total accidents by occurrence category in 2023



Aircraft damage by occurrence category in 2023

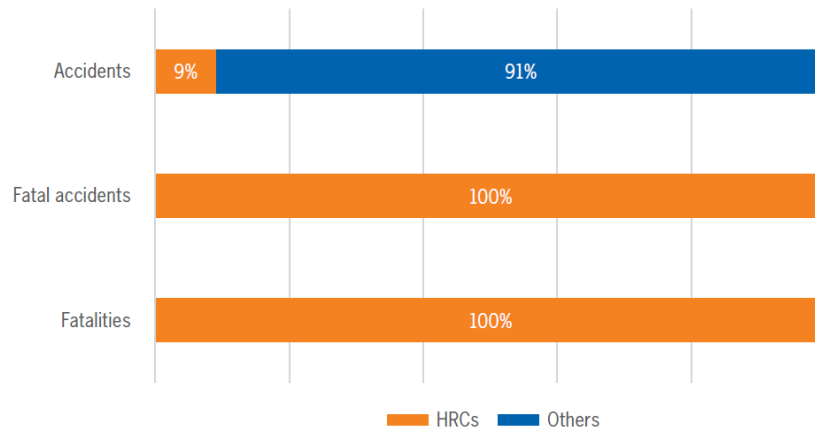


Global High-risk Categories of Occurrence

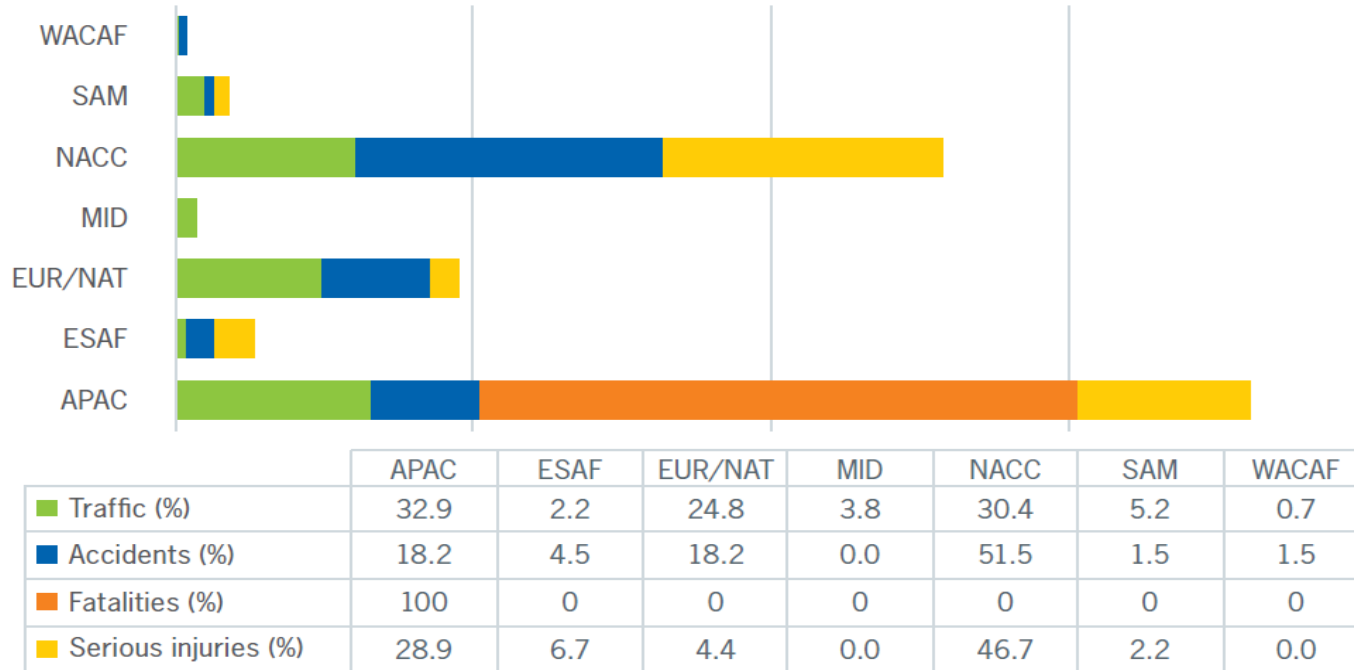
Global High-Risk Categories

- Controlled flight into terrain (CFIT)
- Loss of control in-flight (LOC-I)
- Mid-air collision (MAC)
- Runway excursion (RE)
- Runway incursion (RI).

G-HRCs accident distribution 2023



Share of traffic, accidents and fatalities by ICAO region based on State of Occurrence - 2023

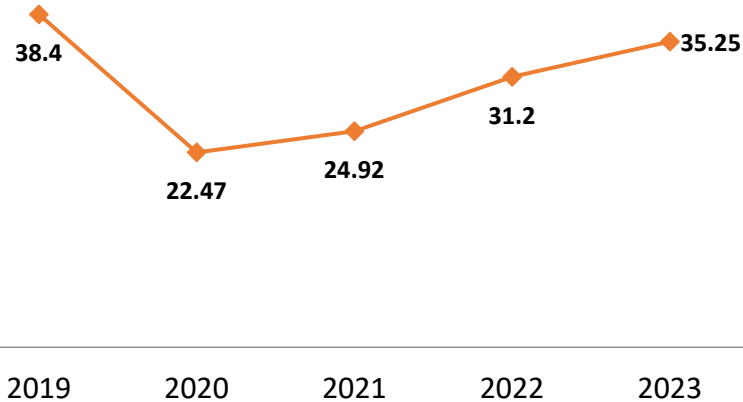




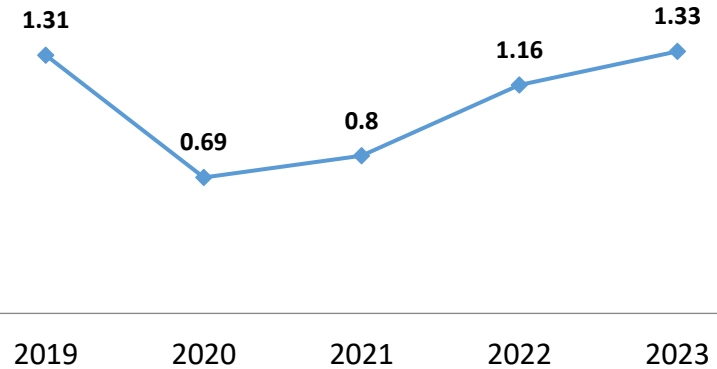
03 MID Region Accident Statistics

Global & MID Traffic

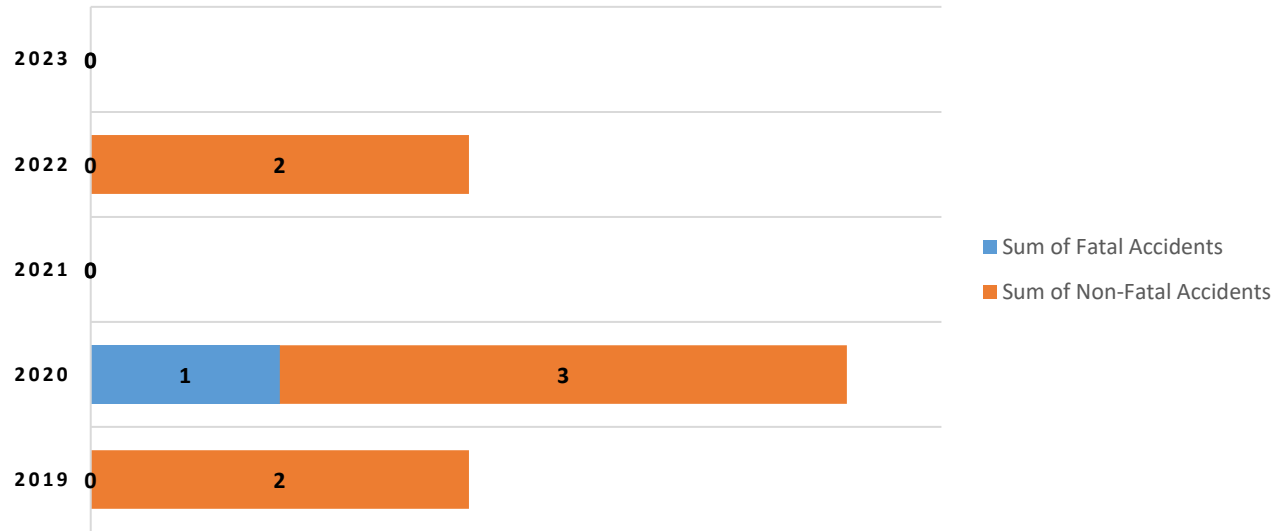
Global traffic of flight departures (million)



MID traffic of flight departures (million)

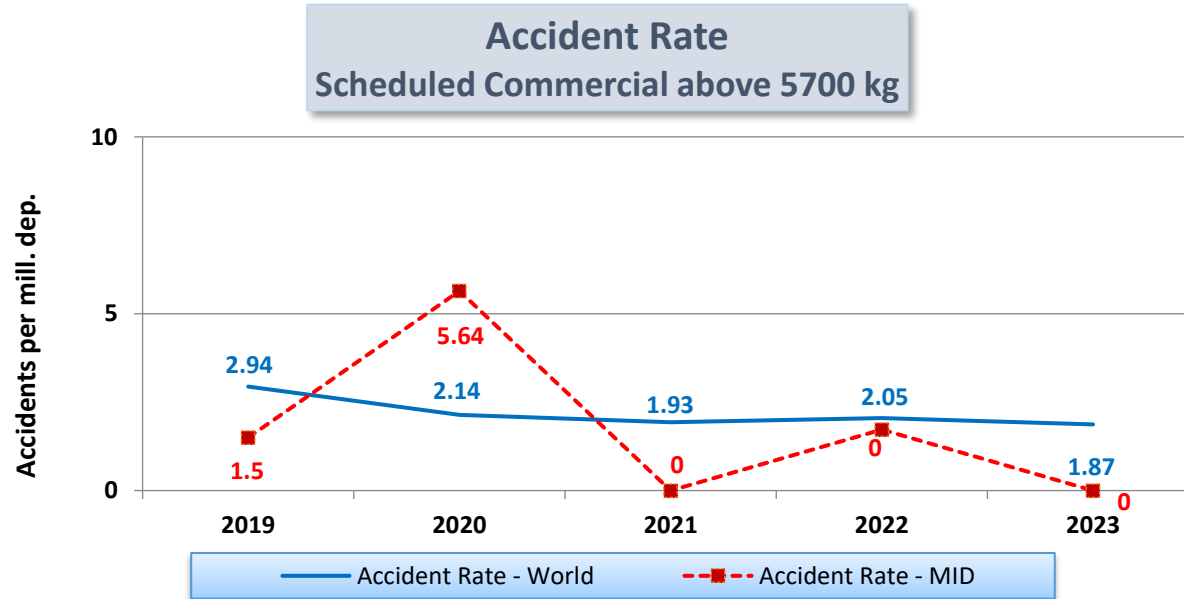


Number of MID Accidents



8 Accidents

MID Accident Rate

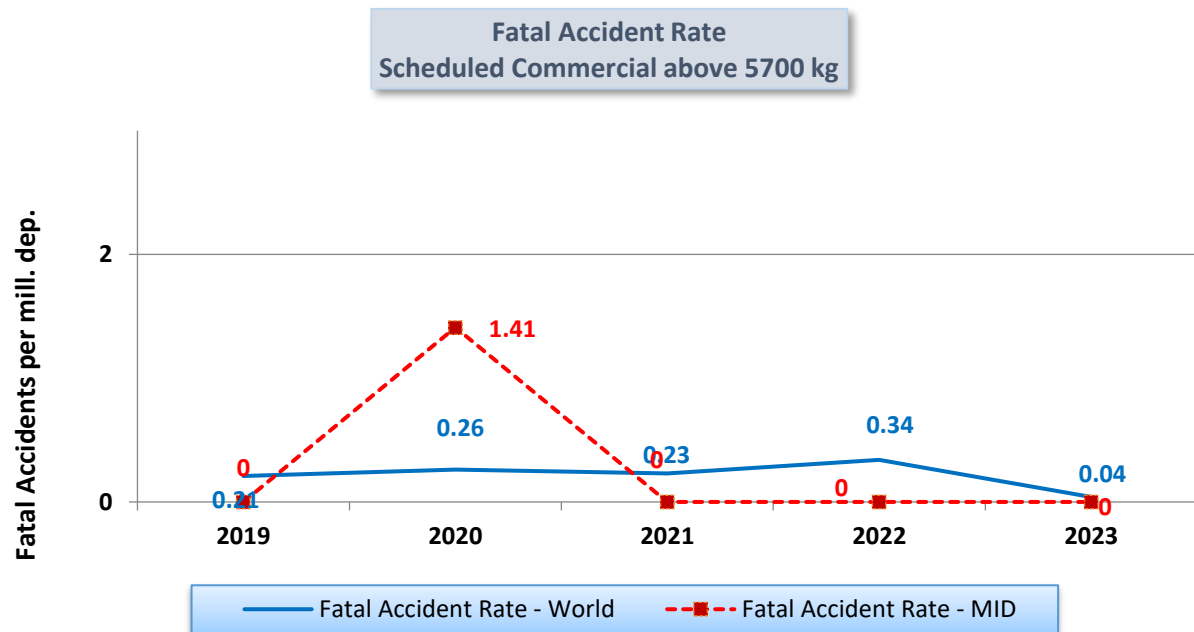


Average 2019-2023

Average MID
1.17

Average Global
2.18

MID Fatal Accident Rate

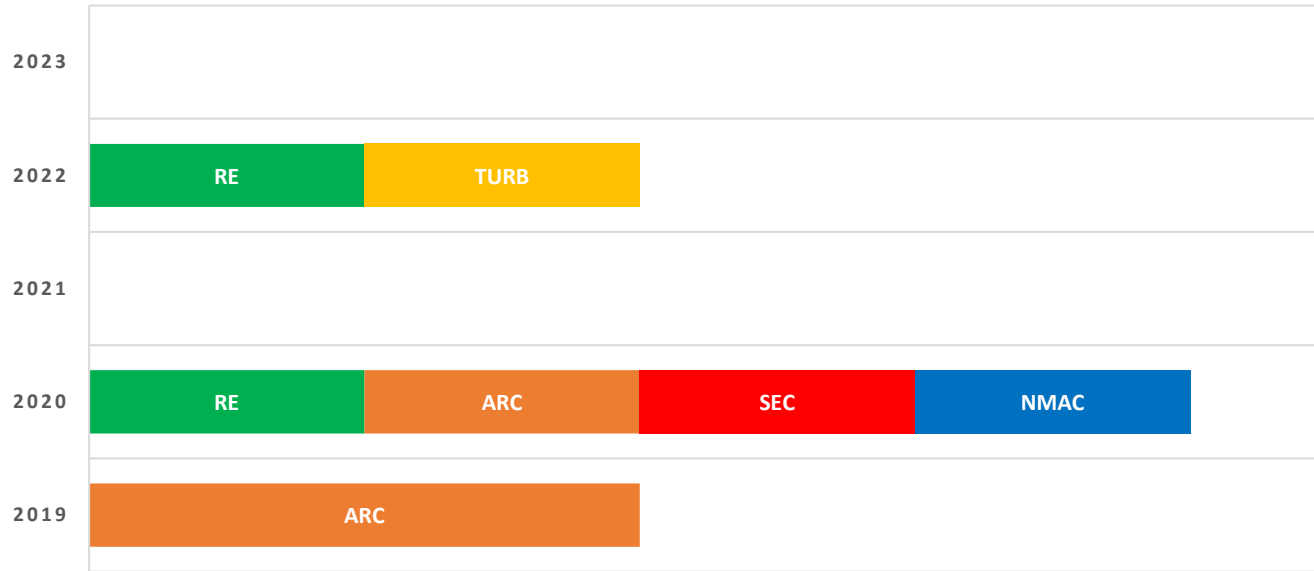


Average 2019-2023

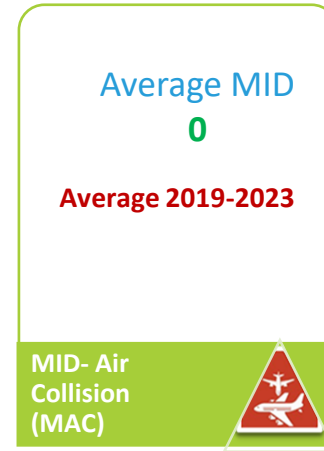
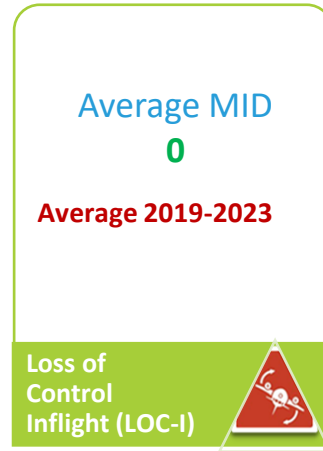
Average MID
0.28

Average Global
0.21

MID- Distribution of Occurrence Category

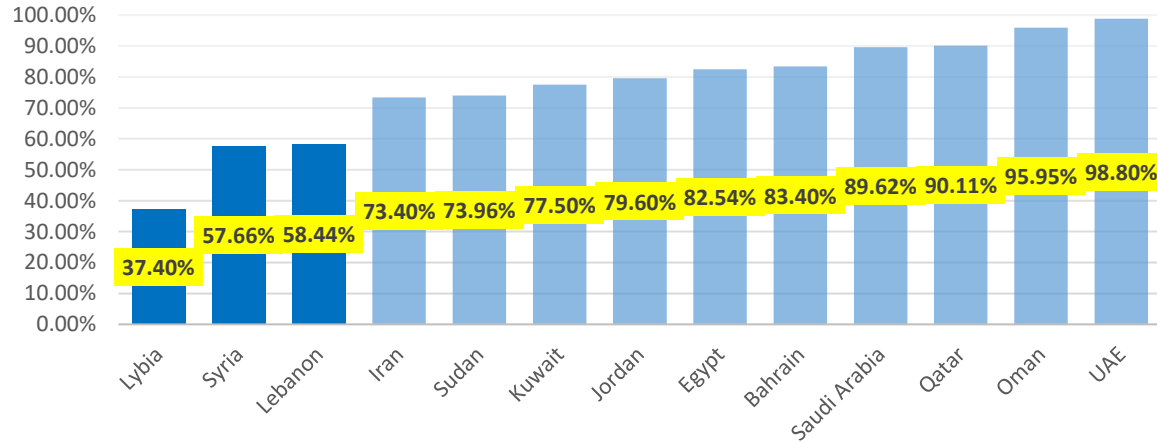


Continuous Reduction of Operational Safety Risks



MID States USOAP

MID STATES USOAP OVERALL EI



13 out of 15 States have been audited

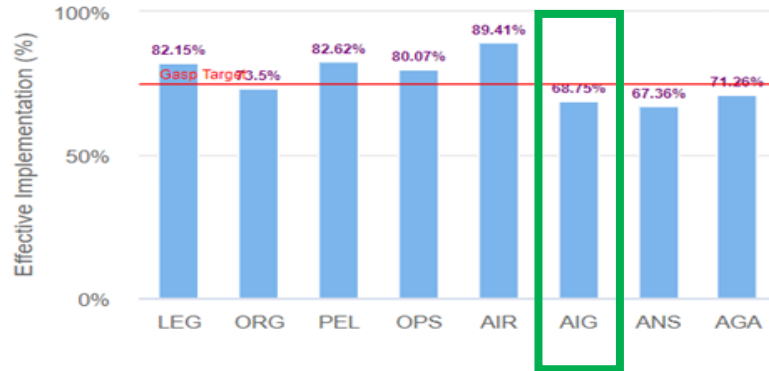
Overall MID EI = 76, 8%
which is above Global average (69.68%)

3 states are below 60%
(Libya, Syria, Lebanon)

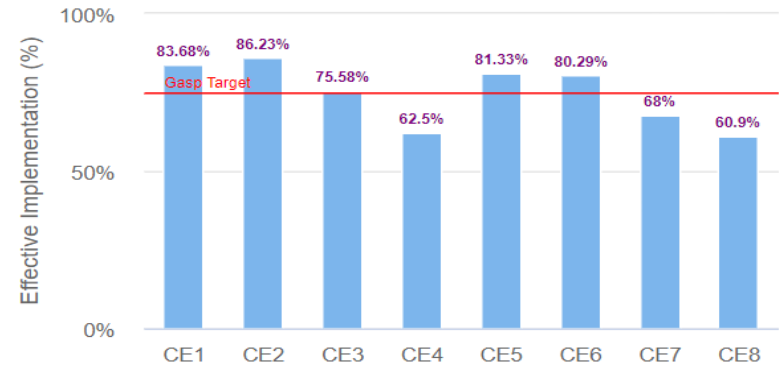
NO SSC in MID Region

MID States USOAP

EI by Area



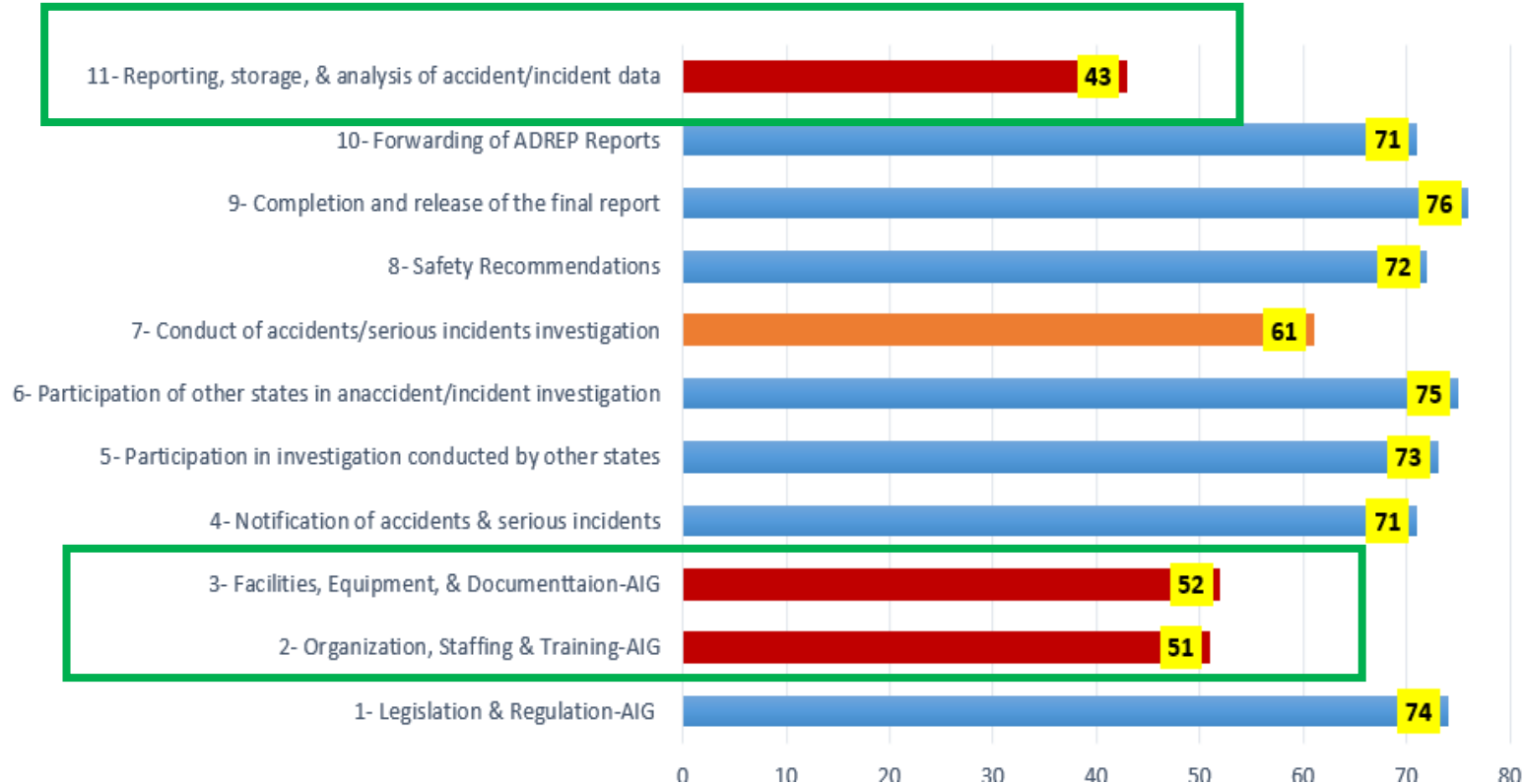
EI by Critical Element



6 areas and 5 critical elements are above 70%

CE4, CE7, & CE8 are the lowest in terms of EI (below 70%)

AIG- EI by Audit Sub-Group- MID States



MID Region Safety Priorities



**Operational
safety risks**

**Organizational
issues**

**Emerging
issues**

MID Region Safety Priorities

Regional Operational
Safety Risks

LOC-I, RE/ARC, MAC, CFIT, and RI

- States' Safety Oversight capabilities
- Safety Management
- Human Factors & Human Performance
- competence of personnel
- Risk interdependencies

Cybersecurity risks
GNSS Interference & Spoofing Risks
aviation health safety (AHS) risks
Risks arising from conflict zones, and
Security risks with an impact on aviation safety.

Organizational
Issues

Emerging Issues

- AAM and New Entrants: UAS, eVTOL

13th MID Annual Safety Report Draft



SAFETY

MID Region Annual Safety Report



11th Edition
Reference Period (2017 - 2021)

2022

Thank You

