



ICAO

# MIDANPIRG/23 & RASG-MID/13

CAIRO - EGYPT

14-18 JUNE 2026



# Content

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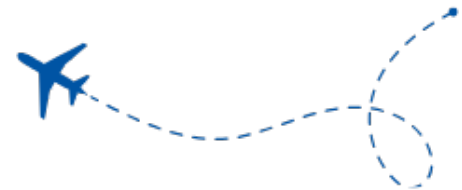
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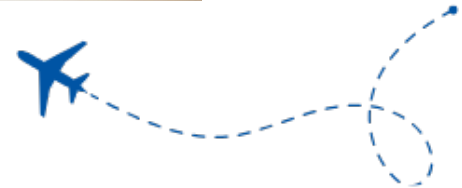
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01  
Objective of  
ASRG

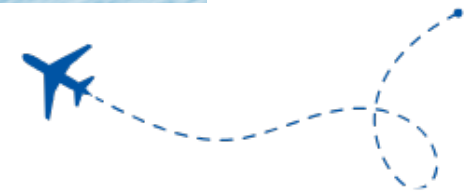


# Objective of ASRG

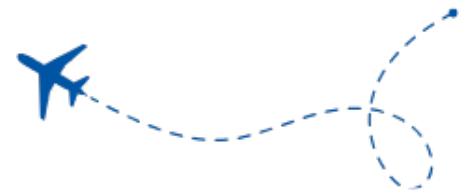
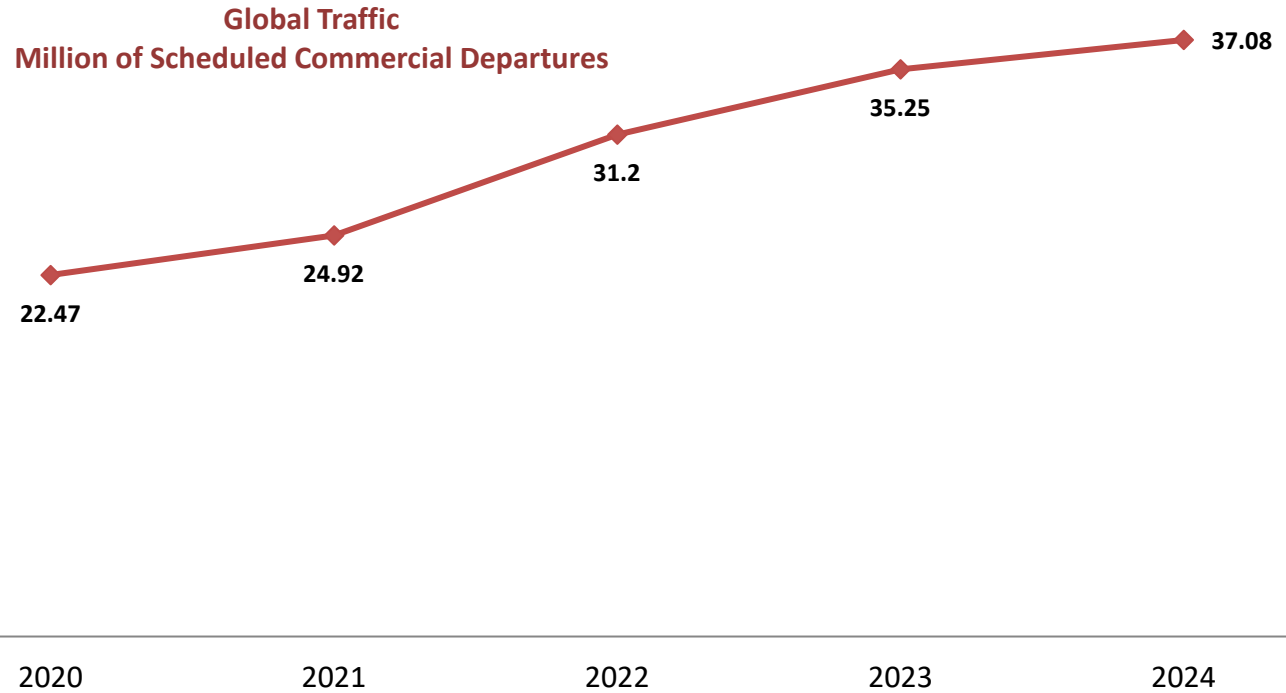
- **Gathering and Analyzing Safety Information**
- **Mid Region Safety Priorities**
- **Production Of The Annual Safety Report**
  - 1<sup>st</sup> Edition, Nov 2012
  - 2<sup>nd</sup> Edition, Jan 2014
  - 3<sup>rd</sup> Edition, March 2015
  - 4<sup>th</sup> Edition, May 2016
  - 5<sup>th</sup> Edition, Jan 2017
  - 6<sup>th</sup> Edition, June 2018
  - 7<sup>th</sup> Edition, April 2019
  - 8<sup>th</sup> Edition, April 20
  - 9<sup>th</sup> Edition, March 2021
  - 10<sup>th</sup> Edition, March 2022
  - 11<sup>th</sup> Edition May 2023
  - 12<sup>th</sup> Edition, April 2024
  - 13<sup>th</sup> Edition, May 2025
  - **14<sup>th</sup> Edition, in progress**



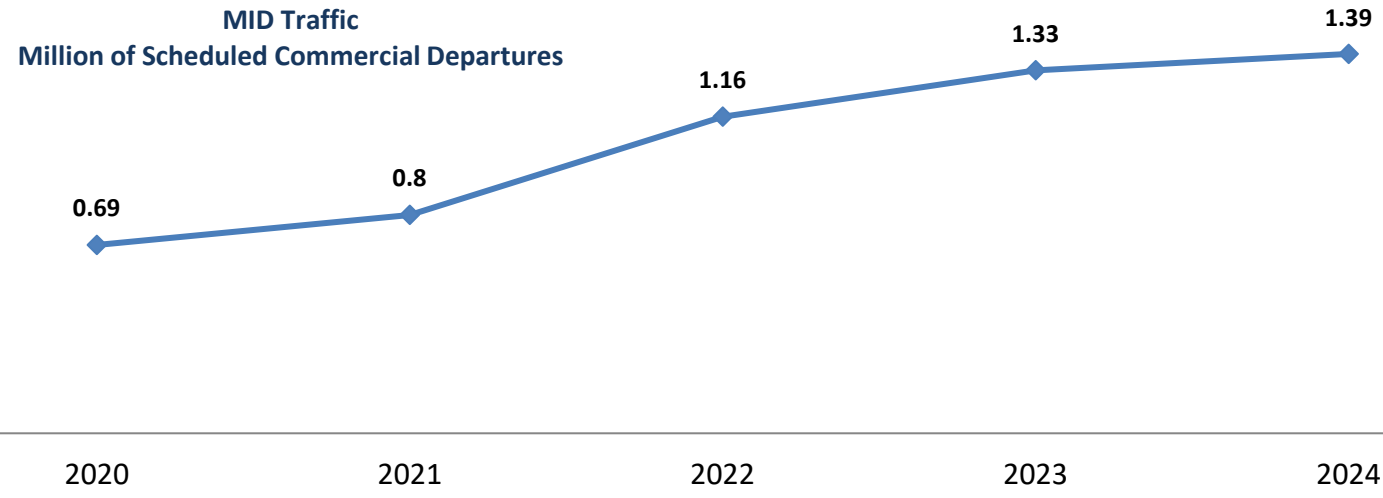
# Traffic Volumes



# Global Traffic



# MID Traffic



# 02

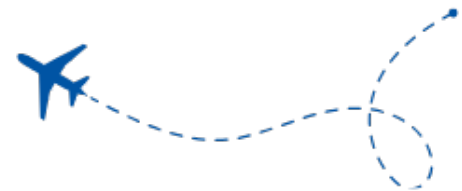
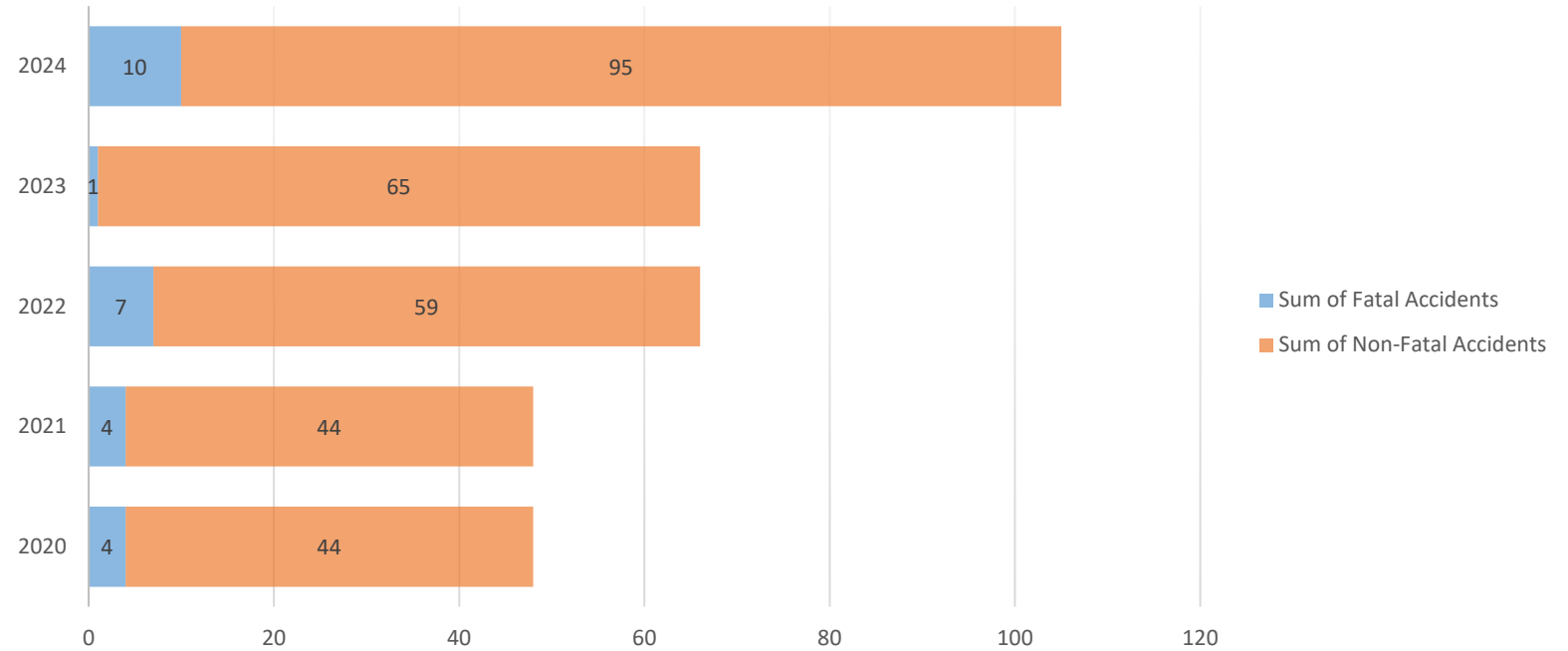
## Reactive Safety Information

State of Occurrence



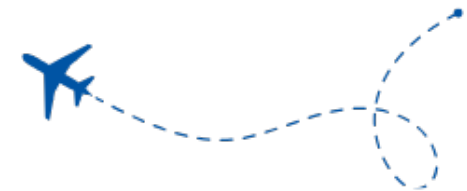
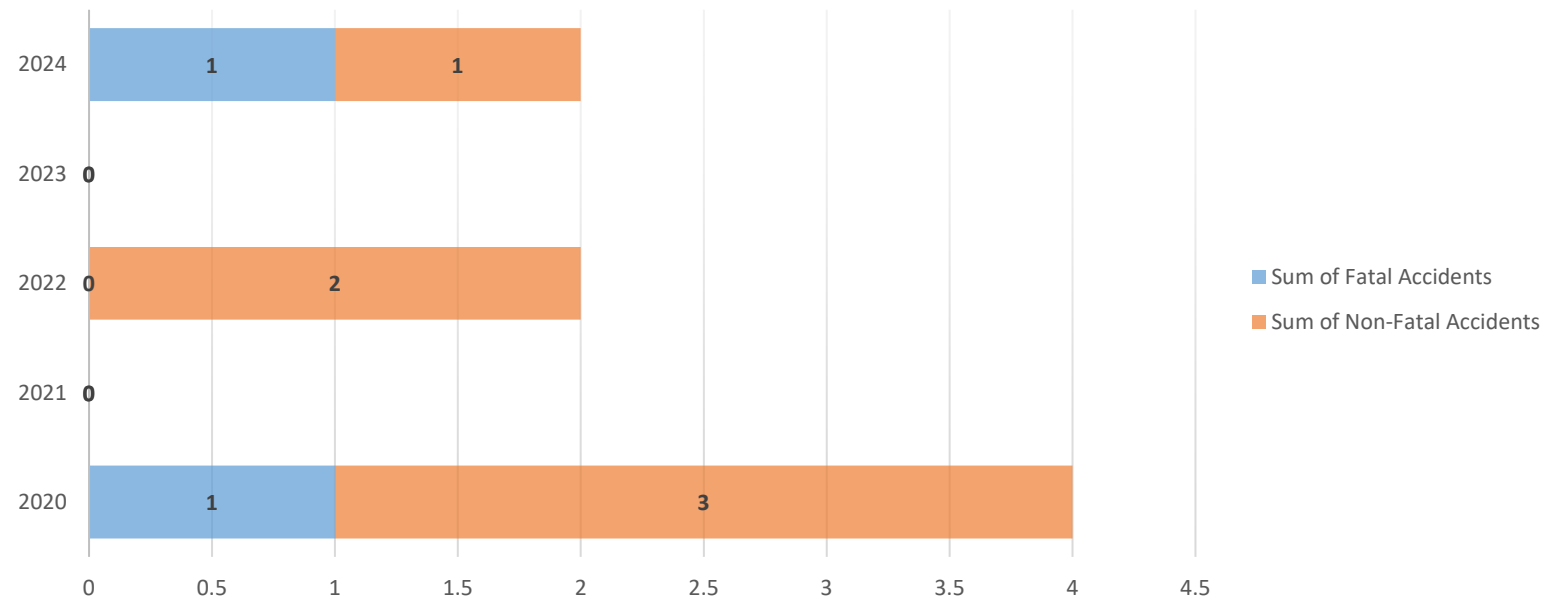
# Number of Global Accidents

333 Accidents



# Number of MID Accidents

8 Accidents



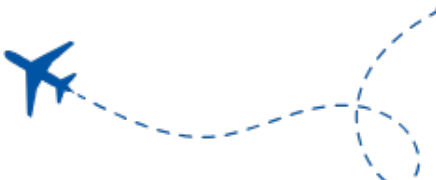
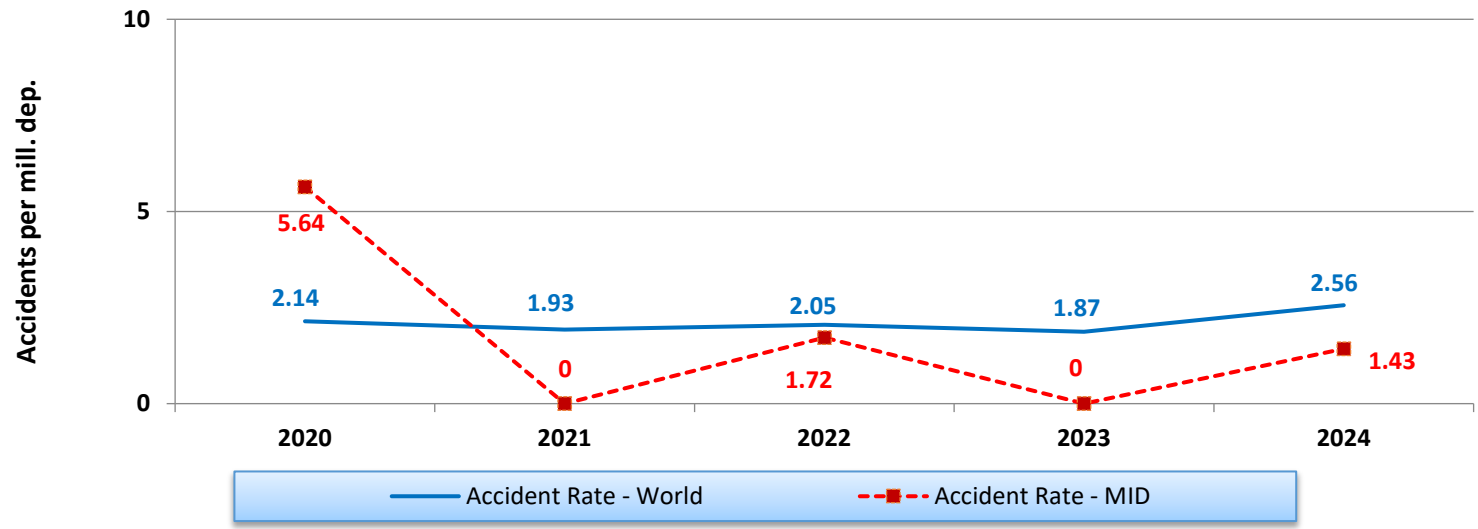
# Accident Rate

**Average 2020-2024**

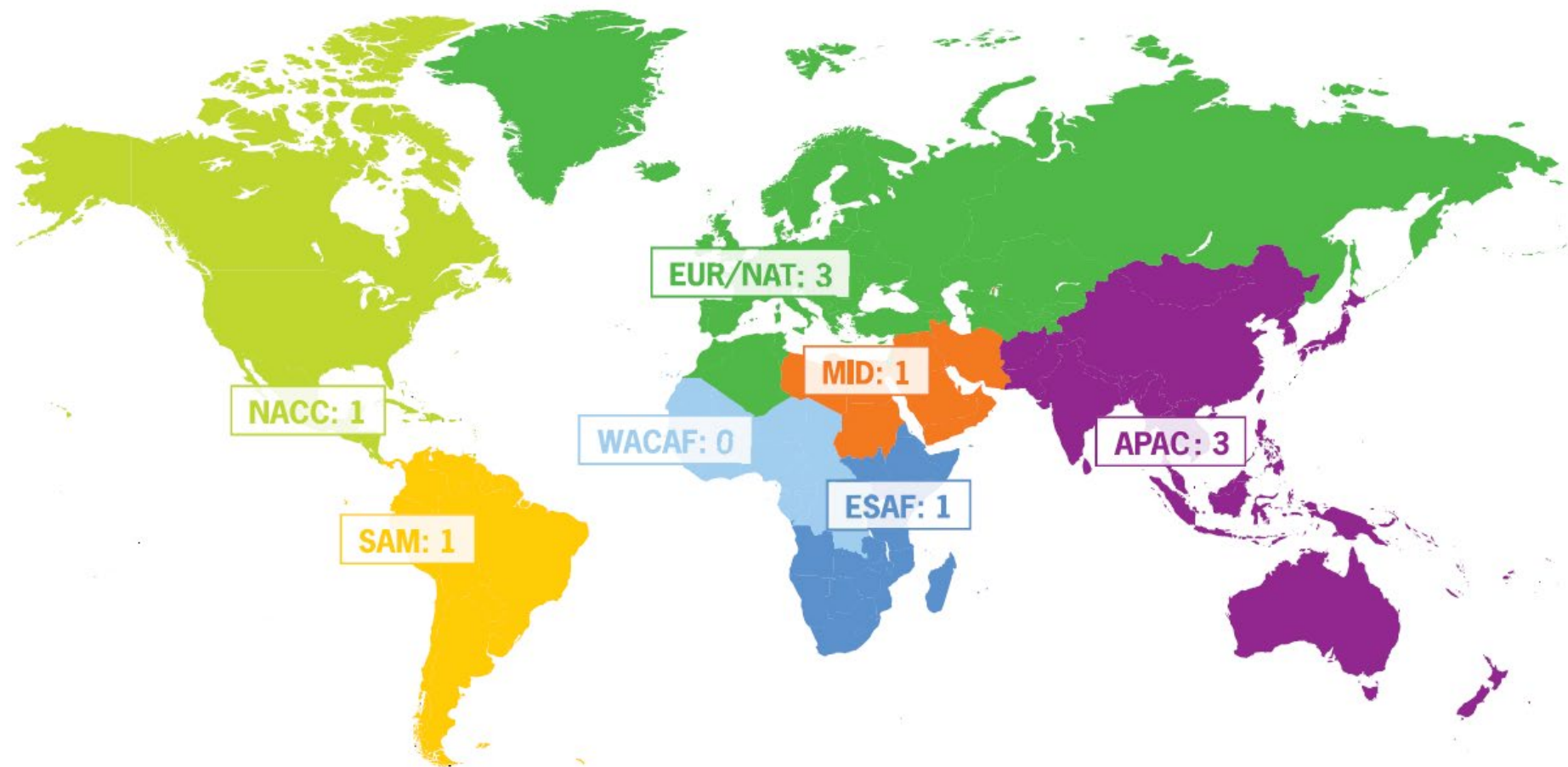
**Average MID**  
1.75

**Average Global**  
2.11

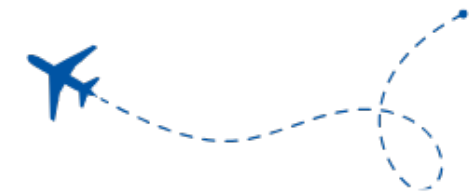
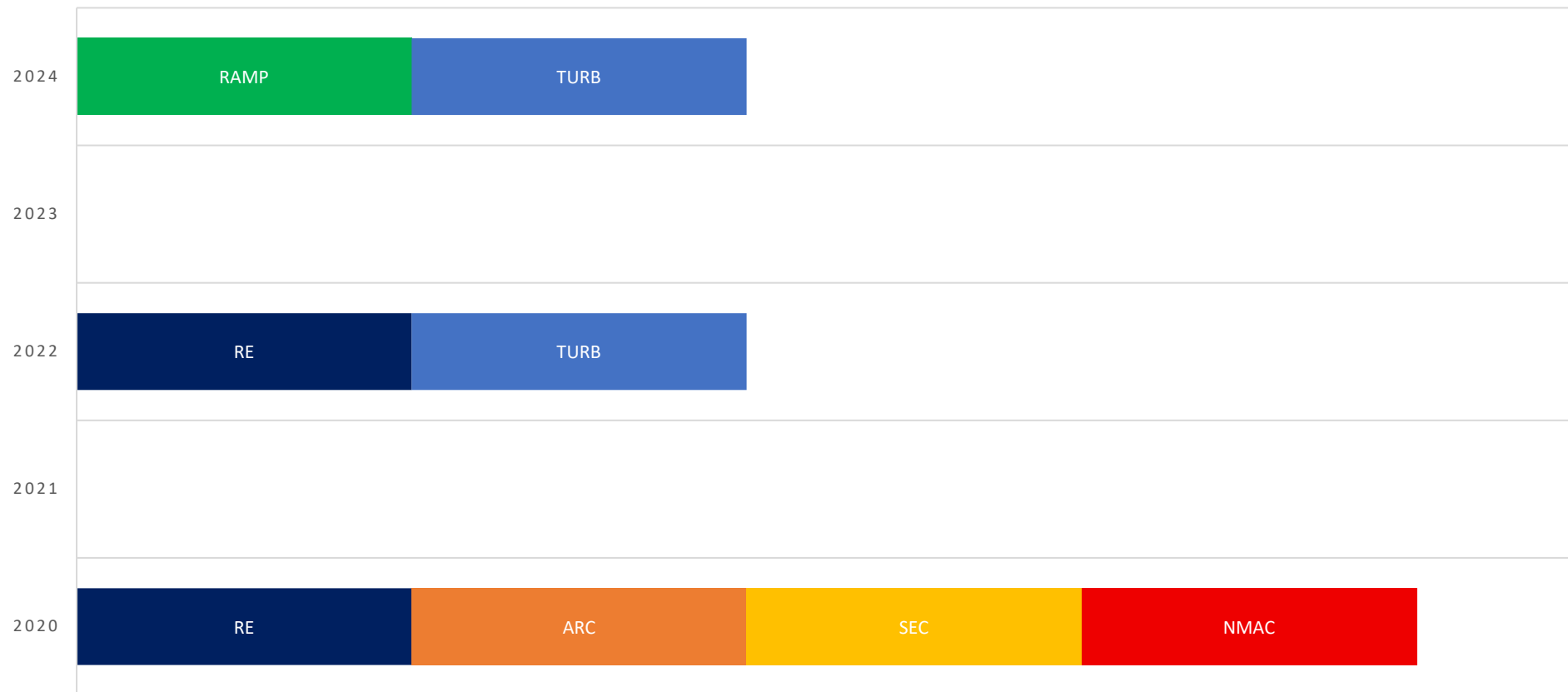
**Accident Rate**  
Scheduled Commercial above 5700 kg



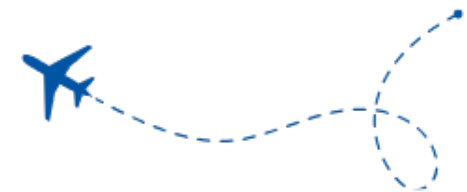
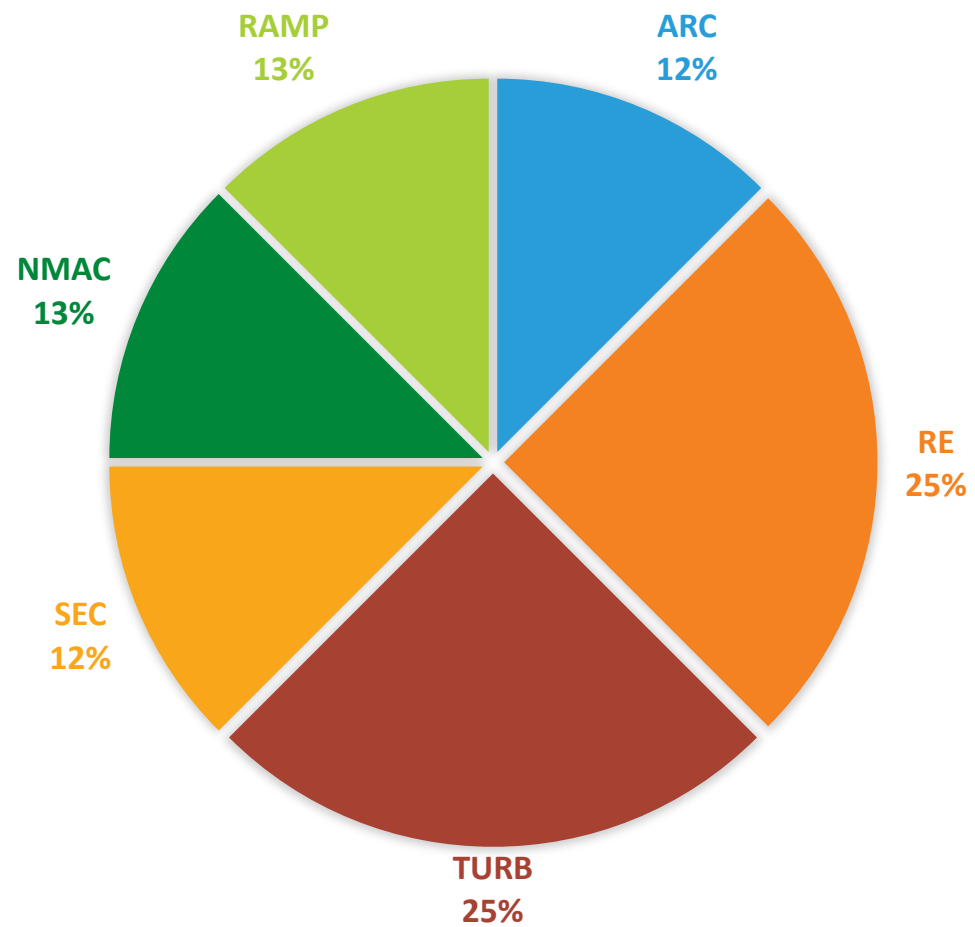
## Number Of Fatal Accidents by ICAO Region in 2024



## MID- Distribution of Occurrence Category



## Occurrence Category Distribution as Percentage



# State of Occurrence

The Key risk area identified according to the State of occurrence's accidents data are:



- Runway Excursion (RE) and Abnormal
- Runway Contact (ARC) during landing



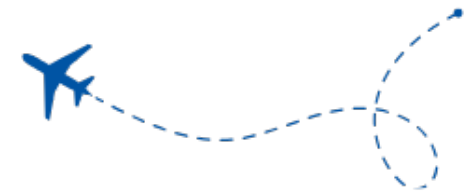
- MID Air Collision-(MAC)



- Security related – (SEC)

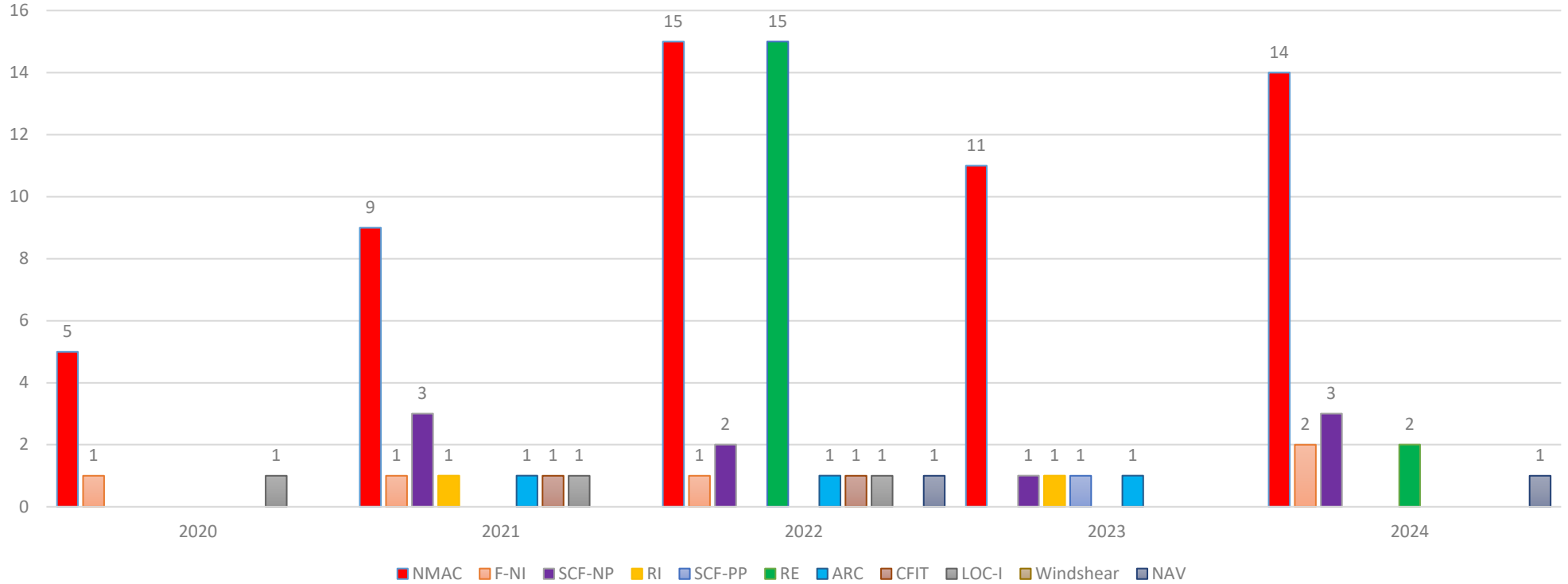


- Turbulence - (TURB)

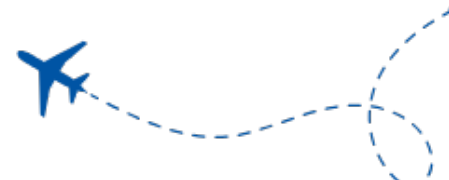


# Serious Incidents Reported by States

MID-Serious incident 2020-2024

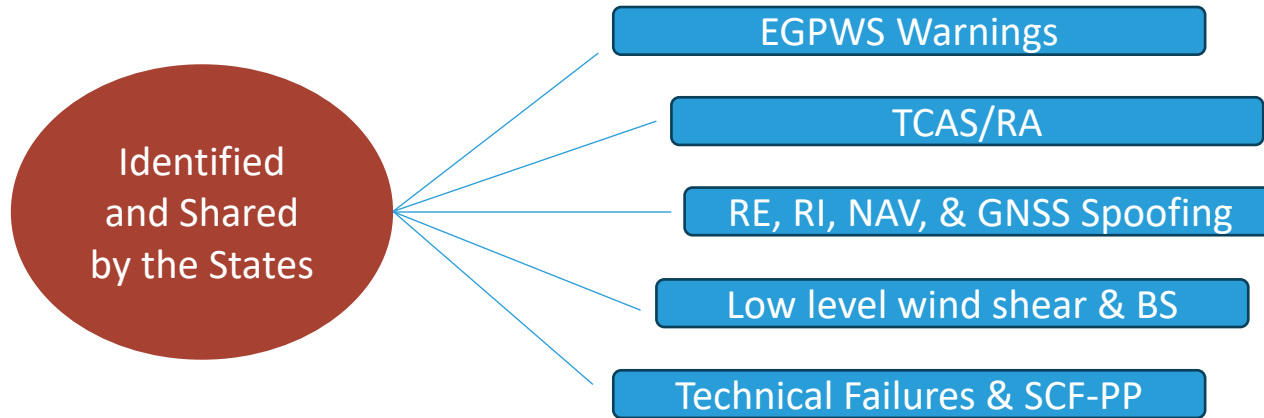


MIDANPIRG/23 & RASG-MID/13



# States Analysis

## Main Safety Issues

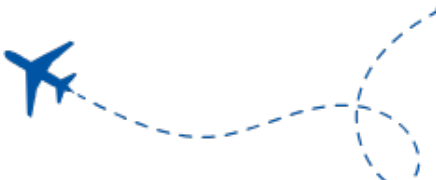
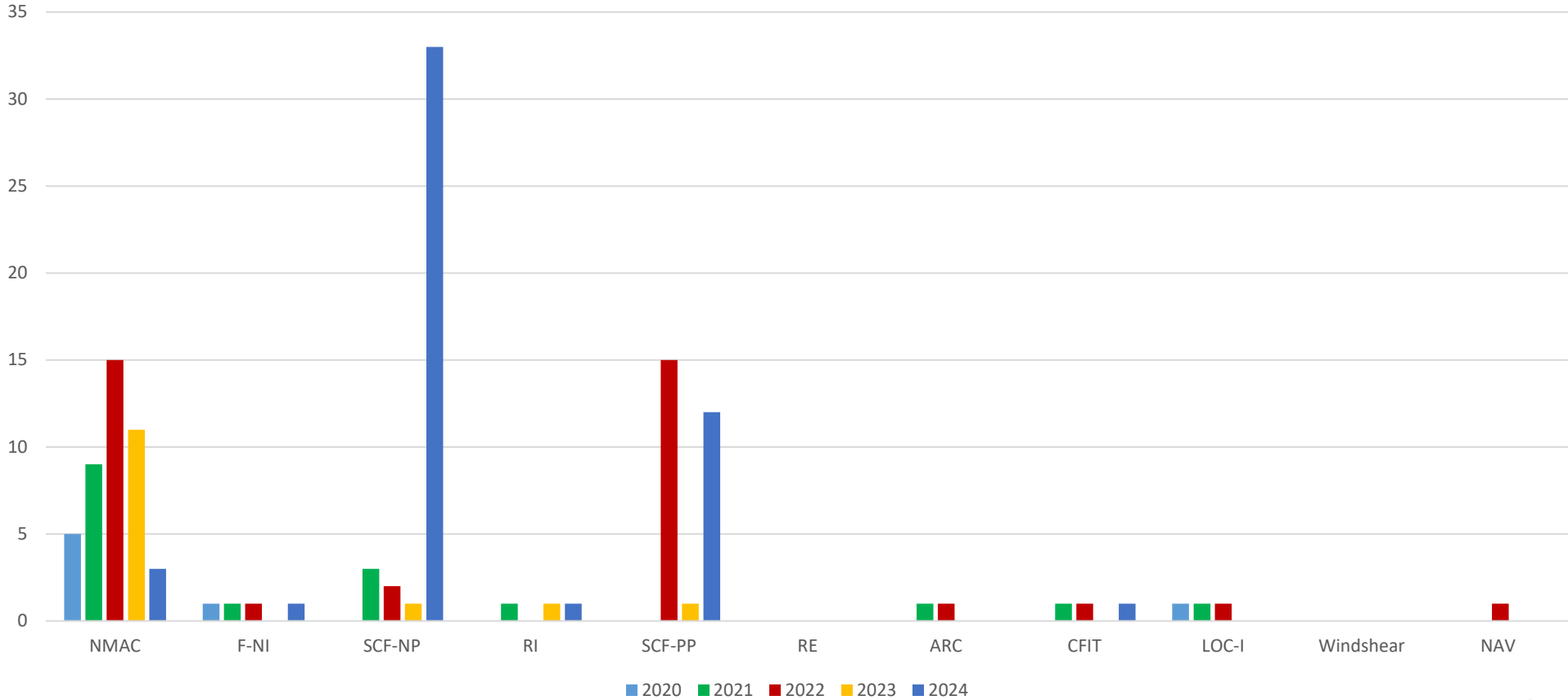


- Regulatory Oversight including SSP
- SMS
- Human factors and Human Performance
- competence of personnel

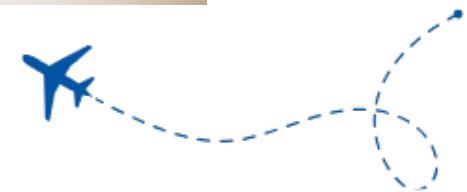


# Commercial Helicopters Operations Data Analysis Reported by States

5 States shared some data analysis For the period 2020-2024, one LOC-I accident and one CFIT serious incident had occurred.



03  
Proactive  
Safety  
Information



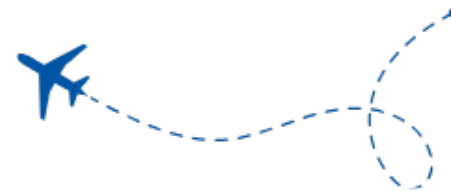
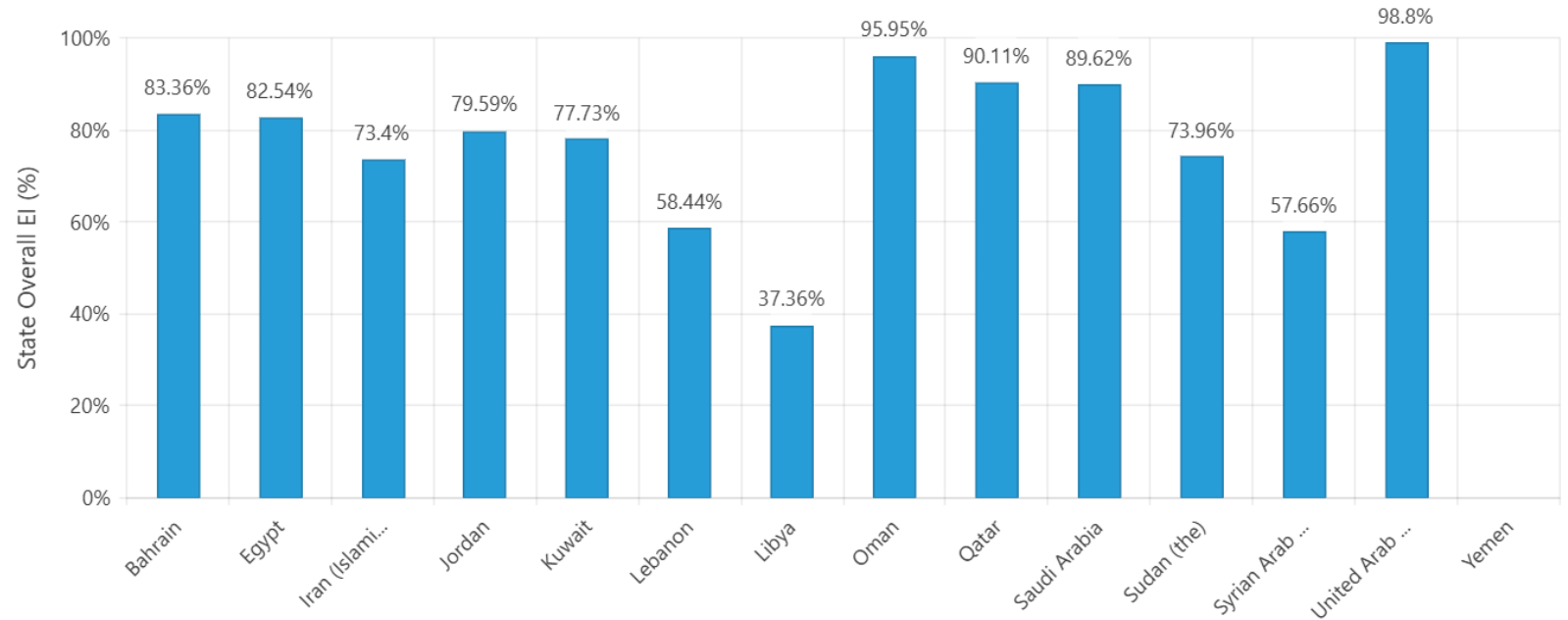
# MID USOAP

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**

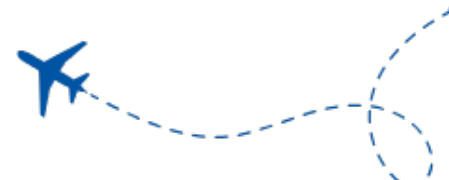
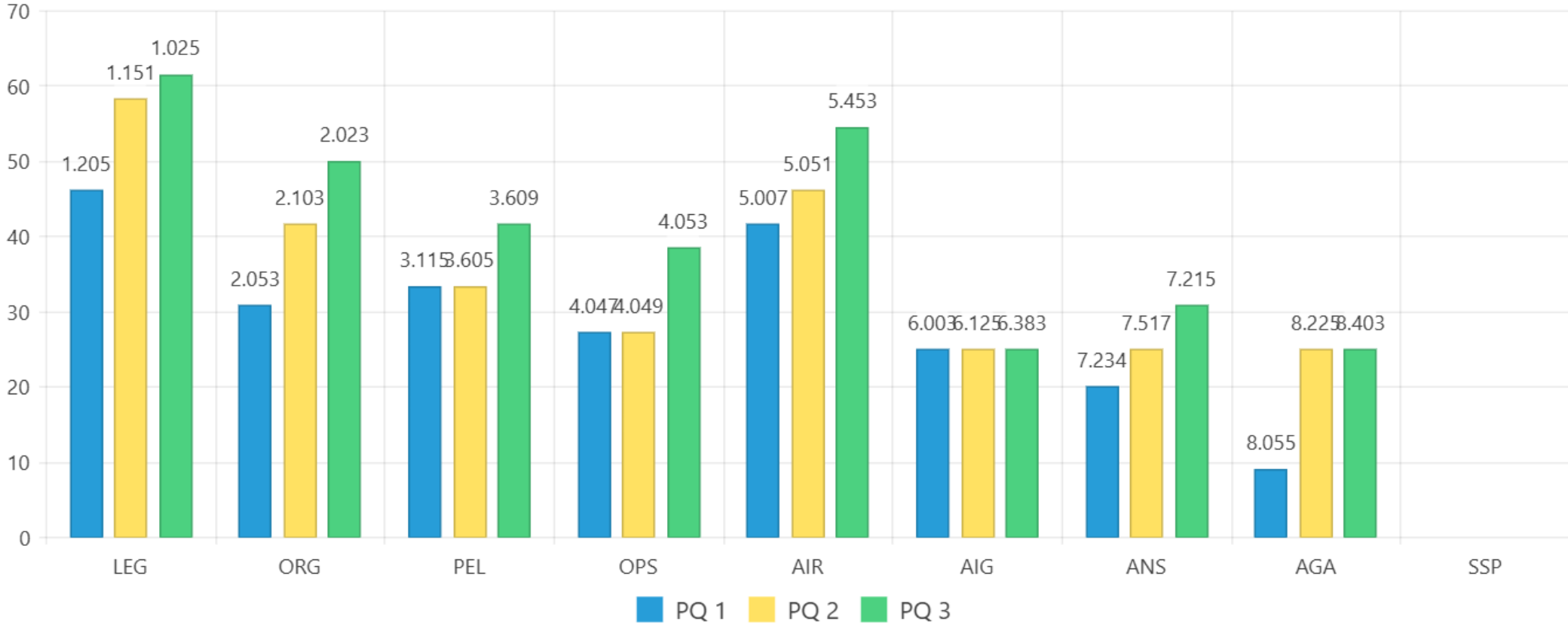


## Regional EI by Audit Area and Critical Element (CE)

	LEG	ORG	PEL	OPS	AIR	AIG	ANS	AGA
CE-1	85.6			95.2		76.3	84.2	78.6
CE-2	71.6		90.5	84.9	93.5	78.3	74.6	85
CE-3		67.1	89.3	86.7	89.1	59.4	70.5	69.2
CE-4		81.5	69	75.4	81.7	43.8	52.4	51.5
CE-5	85.7	92.9	90.6	88.4	91.7	69.5	81.5	76.8
CE-6			86.2	80.7	88.9		76.2	72.2
CE-7			71.8	63.1	79.1		67.6	67.3
CE-8			64.7	57.7	81.4	66.3	44.3	53.4

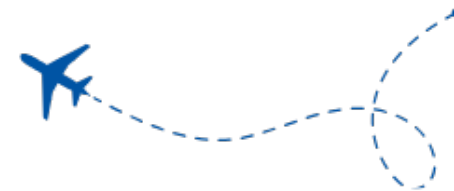


# Top 3 lowest PQ EI by Audit Area Source



## Regional PPQ EI by Audit Area and Critical Elements

	LEG	ORG	PEL	OPS	AIR	AIG	ANS	AGA
CE-1						63.5		92.9
CE-2	71.4		86.9	78.3	78.2	72.2	74.1	78.3
CE-3		78	76.9	46.2	61.5	57.7		47.8
CE-4		84.6		71.4	77.1	23.1		30.8
CE-5			85.7	78.6	92.6	58.2		78.6
CE-6			86.7	77.6	83		75	69.6
CE-7			86.4	63.6	76.9		64.3	75.6
CE-8					76.9	60		42.3



# MID Region State Safety Programme (SSP) Foundation

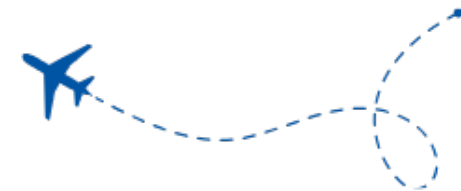
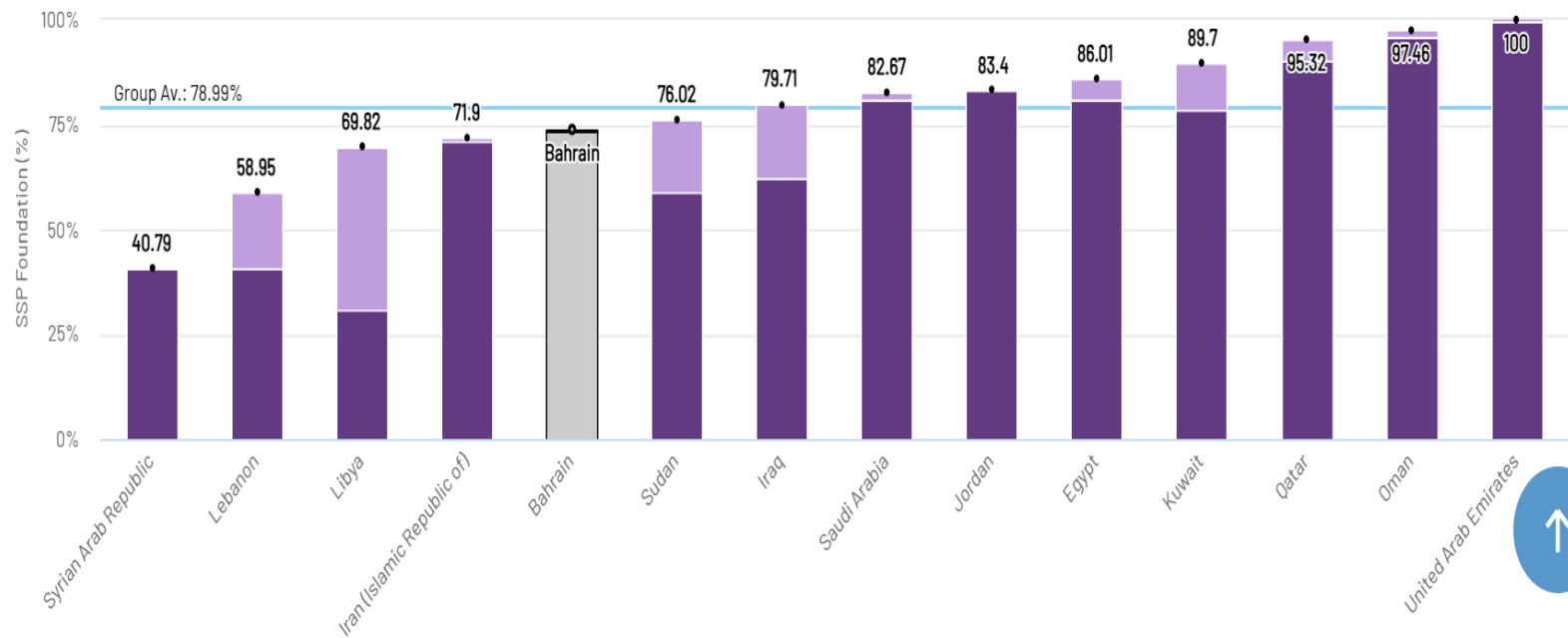


**SSP Foundation**  
Status of SSP Foundation Protocol Questions

Average EI for SSP foundation PQs for States in the MID Region is **78, 99%**.

### Overall SSP Foundation by State

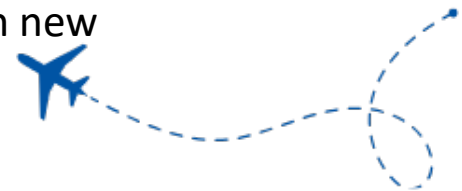
RASG-MID





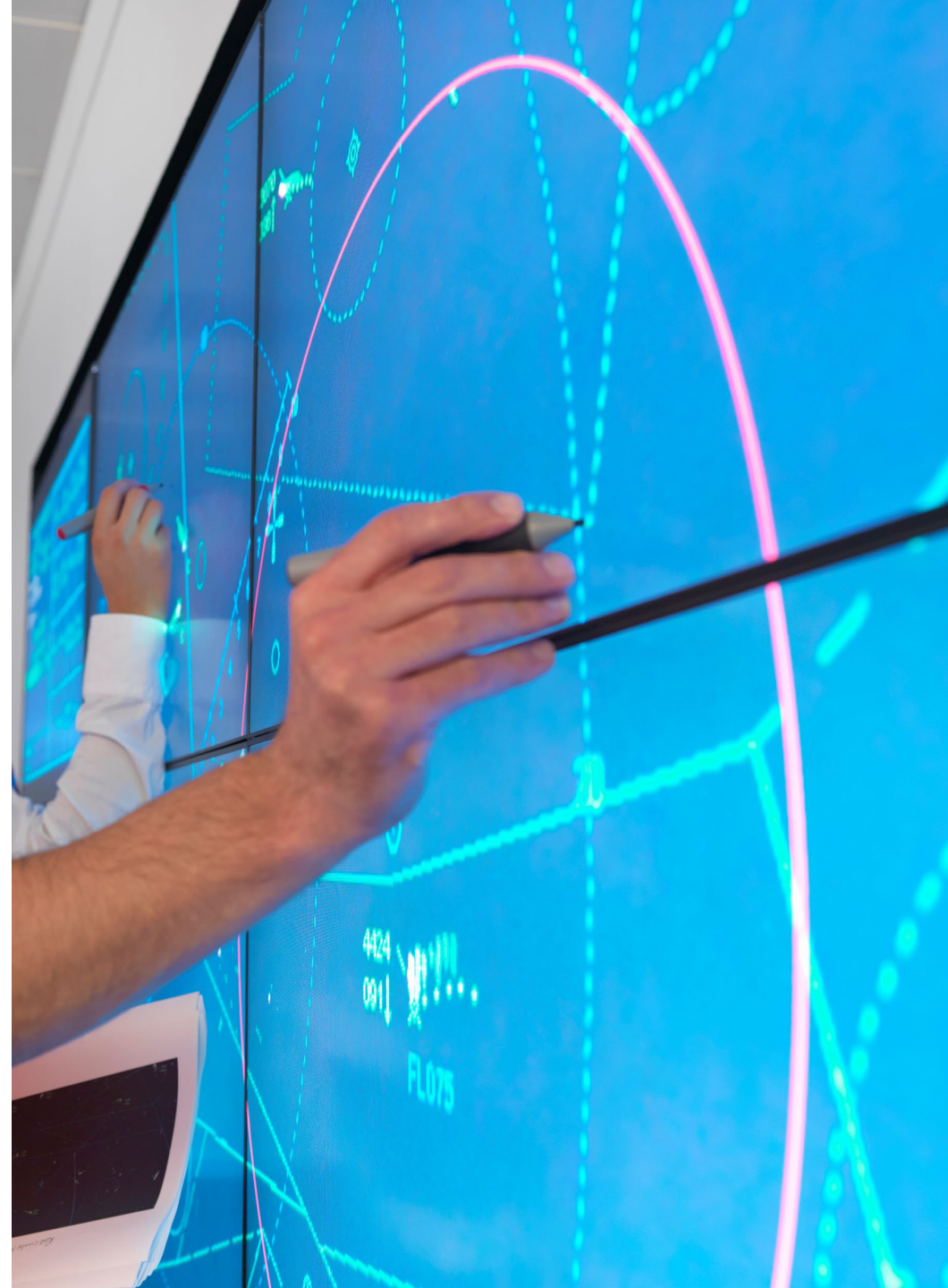
## Human Factors and Human Performance

- As the aviation system changes, it is imperative to ensure that human factors and the impact on human performance are taken into account, both at service provider and regulatory levels
- As new technologies emerge on the market and the complexity of the system continues increasing, it is of key importance to have the right competencies and adapt training methods to cope with new challenges.



## Competence of Personnel

- Availability of well-trained and competent aviation personnel is paramount to the safety and resilience of the aviation industry. Some of States in MID Region has a mature and detailed regulatory framework in place to ensure proper training, licensing, adequacy of training devices and oversight.
- Several factors are challenging this mature framework:
  - ✓ New technologies and increasing automation are changing the safety needs for aviation personnel and new training devices are emerging.
  - ✓ New aircraft types and technological advancements in virtual reality/artificial intelligence are revolutionizing pilot training altogether.

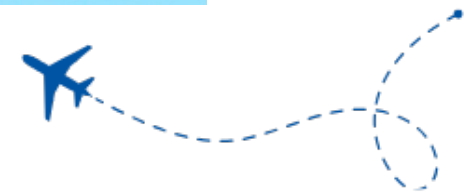


# Manage Risk Interdependencies

- Cybersecurity Risks
- GNSS Interference/Spoofing Risks
- 5G interference with Radio Altimeter Risks
- Security Risks with an Impact on Aviation Safety
- Risks Arising from Conflict Zones
- Aviation Health Safety (AHS) Risks



# 04 Emerging Issues

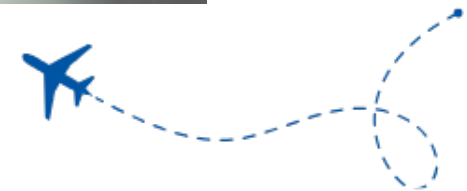


# AAM and New Entrants

- The safe integration on the basis of granting fair access to airspace of all new entrants into the airspace network will be one of the main challenges in relation to the integration of UAS technologies and related concepts of operation.
- AAM ecosystem including, UAM and enablers such as UTM, automation and autonomy, information and data management, artificial intelligence (AI), etc.);
- Enabling the safe integration of UAS, being a fast evolving and emerging market segment, as well as of (VTOL-capable aircraft, also intended for urban air mobility (UAM) operations, continue to be priority activities.

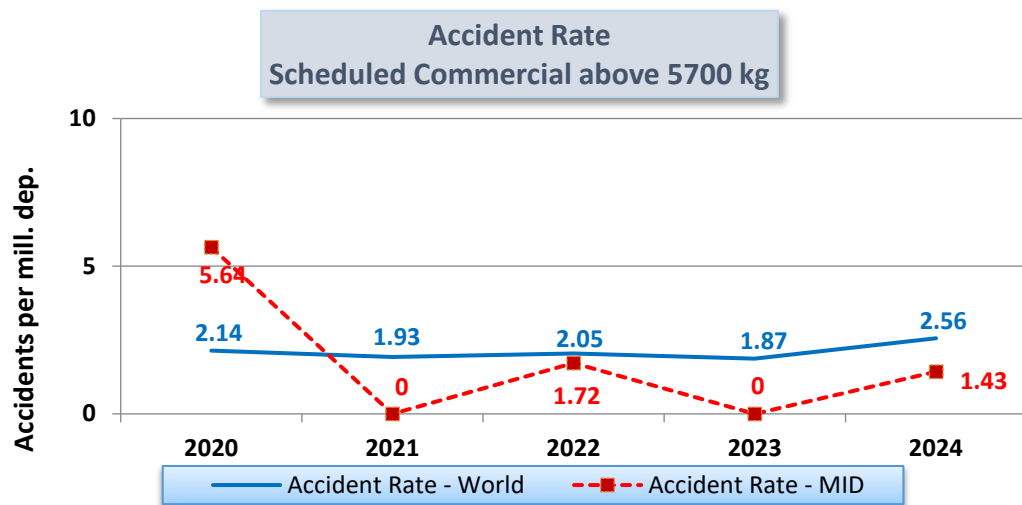


05  
MID Region  
Safety  
Performance



# MID Region Safety Performance Monitoring

Goal 1: Achieve a Continuous Reduction of Operational Safety Risks



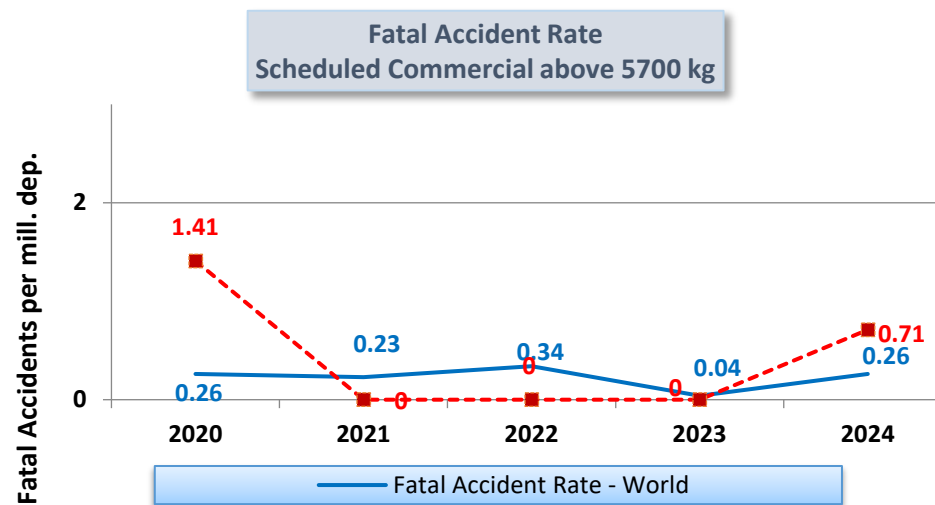
### Safety Target

Reduce/Maintain the regional average rate of accidents to be in line with the global average rate.

### Average 2020-2024

Average MID  
**1.75**

Average MID  
**2.11**



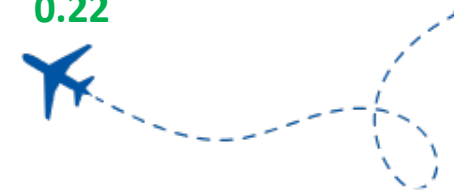
### Safety Target

Reduce/Maintain the regional average rate of fatal accidents to be in line with the global average rate.

### Average 2020-2024

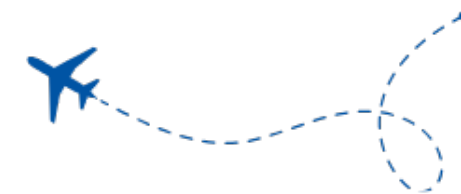
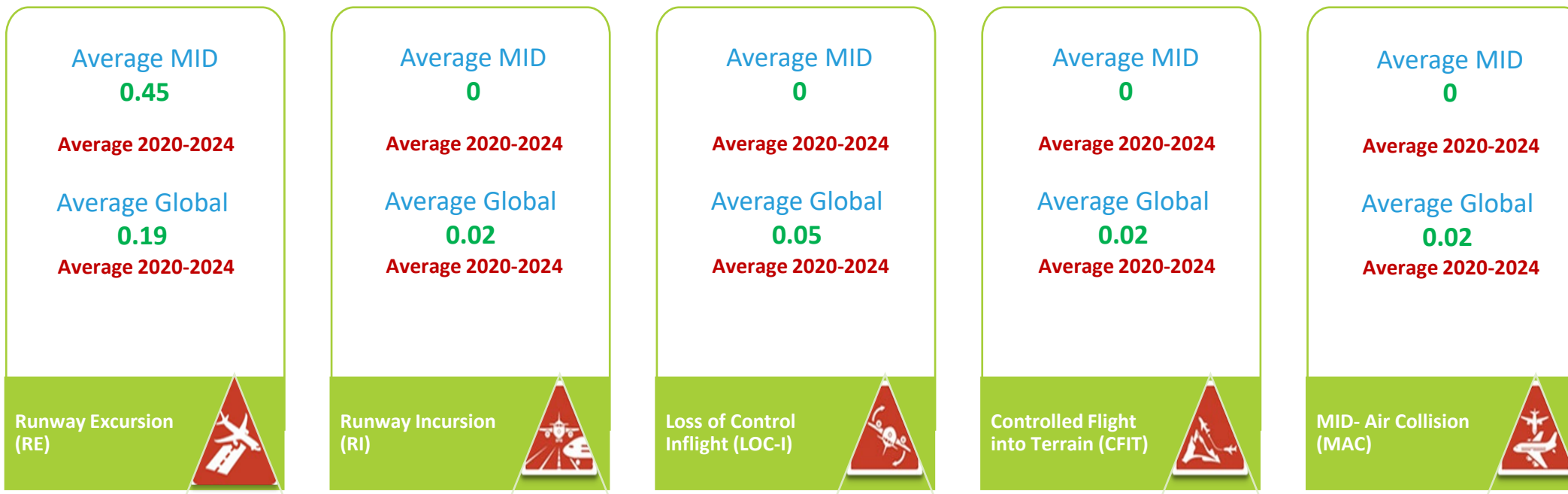
Average MID  
**0.42**

Average MID  
**0.22**



# MID Region Safety Performance Monitoring

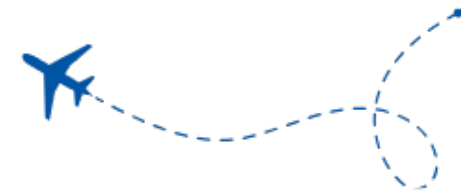
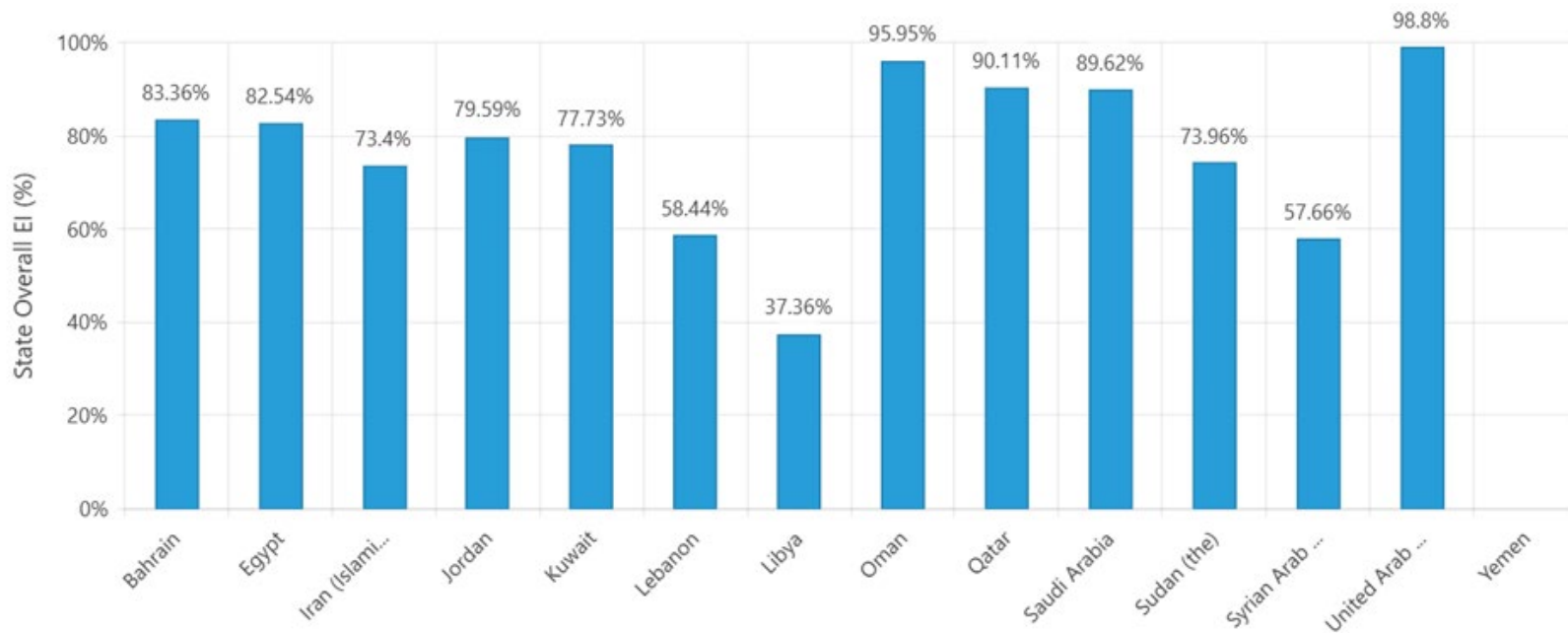
Goal 1: Achieve a Continuous Reduction of Operational Safety Risks



# MID Region Safety Performance Monitoring

## Goal 2: Strengthen States' Safety Oversight Capabilities

- 13 out of 15 States have been audited
- Overall MID EI = 76, 8%**
- 3 states are below 60% (Libya, Syria, Lebanon)
- NO SSC in MID Region**

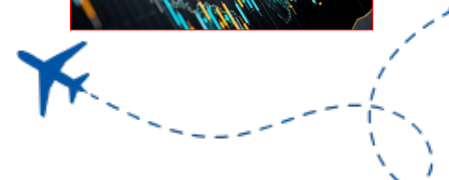
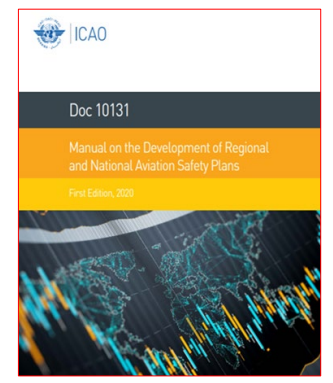
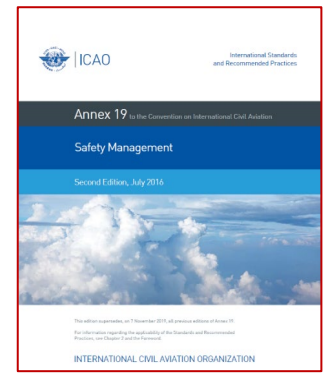
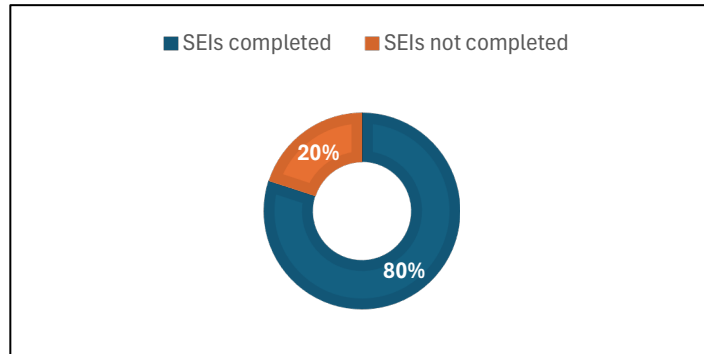
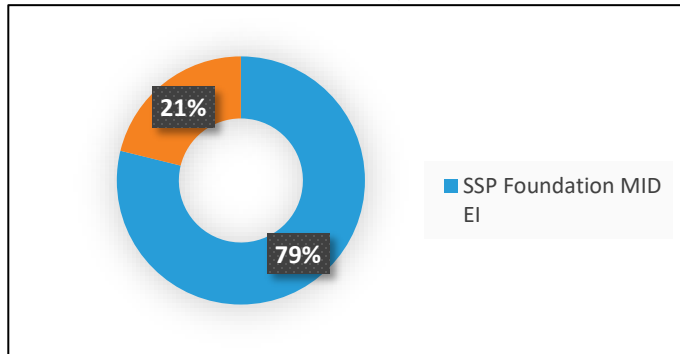
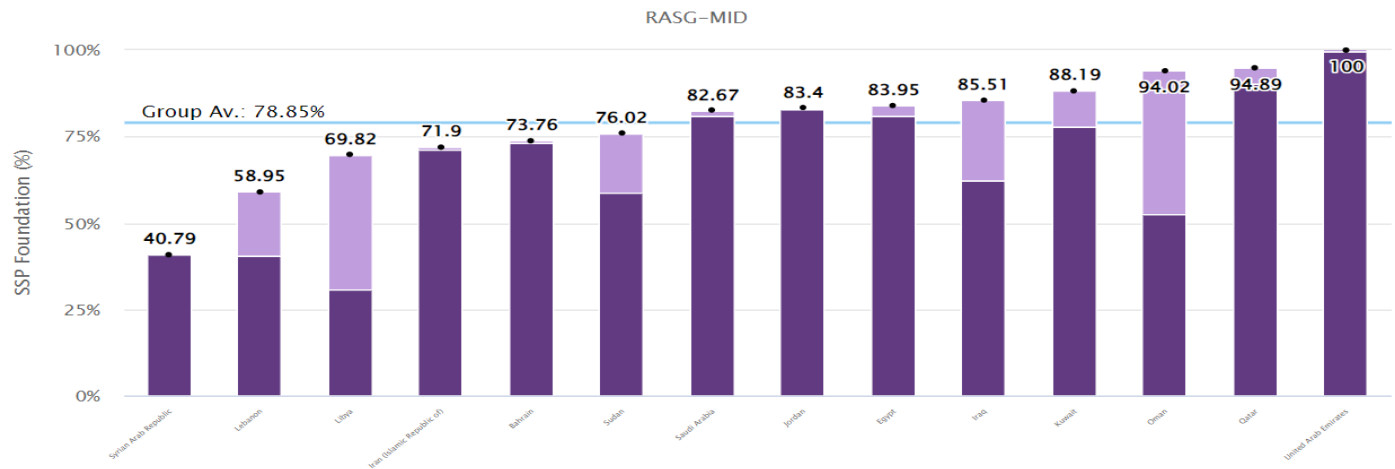




# MID Region Safety Performance Monitoring

## Goal 3: Implementation of Effective SSP

Overall SSP Foundation by State





# MID Region Safety Performance Monitoring

Goal 5: Expand the use of Industry Programmes

## MID-RASP

MIDDLE EAST REGIONAL AVIATION SAFETY PLAN

**MID RASP 2023-2025  
Edition developed  
and published**



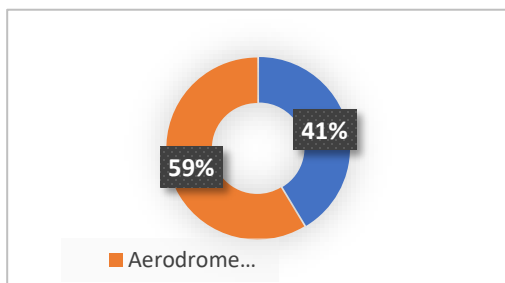
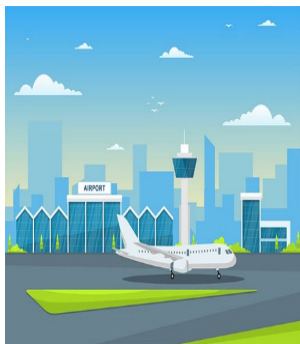
Second Edition

2023-2025

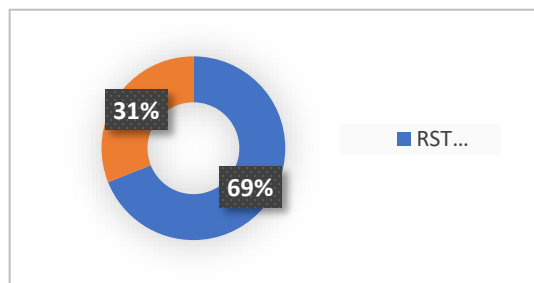
# MID Region Safety Performance Monitoring

Goal 6: : Ensure Appropriate Infrastructure is available to Support Safe Operations

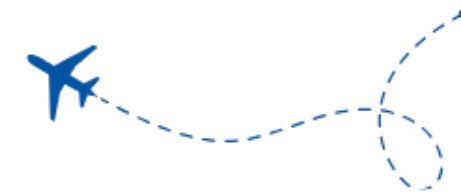
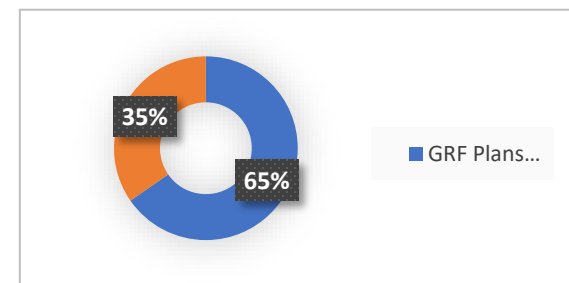
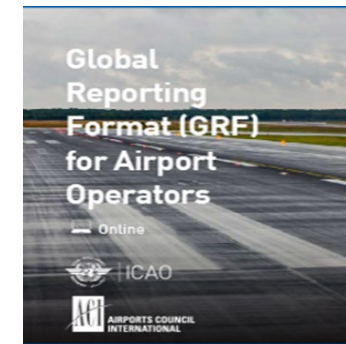
Aerodrome Certification



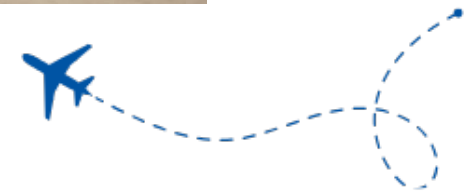
Runway Safety Team (RST)



GRF Plans Implemented



# 06 MID Region Safety Priorities



# MID Region Safety Priorities

**Regional Operational Safety Risks**

**LOC-I, RE/ARC, MAC, CFIT, and RI  
ORC: SCF-NP & TURB**

**Organizational Issues**

- 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.

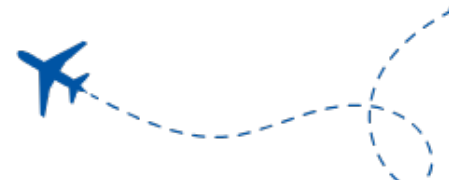
**Emerging Issues**

**AAM and New Entrants: UAS, eVTOL, AI**

## 14<sup>th</sup> MID Annual Safety Report Draft



14<sup>th</sup> Edition 2025  
Reference Period (2020 - 2024)

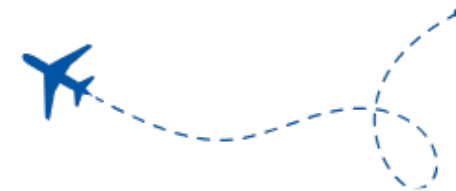


## Sharing of Safety Data Analysis & Safety Information



States are encouraged to provide necessary safety information to the ICAO MID Office, by May 2026

The Draft of the 15th edition of the MID ASR will be presented to the ASRG/8 meeting for review.

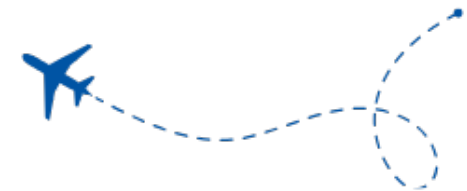




## Challenges

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- Sharing of safety information including safety data analysis



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Thank You