

# RASG-MID/12 Meeting

Doha, Qatar 04-08 May 2025

## Accident Investigation Reports



**Executive Summary**



**Interactive Safety Report**



**Recommendations for Accidents Prevention**



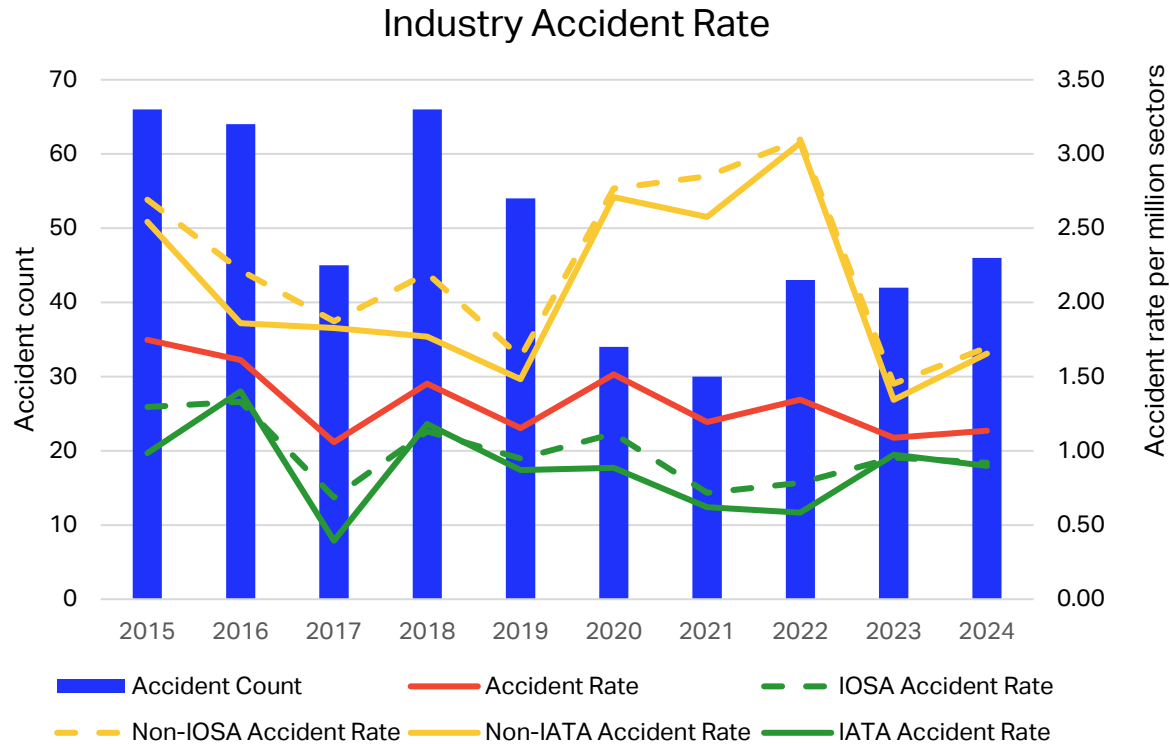
**References, Definitions and Sources**

# Accidents Overview

	2022	2023	2024	5-Year Average
Accident Count	43	42	46	39
Accident Rate	1.34	1.09	1.13	1.25
Jet Hull Losses	7	2	5	4
Turboprop Hull Losses	6	3	4	4
Fatal Accidents	8	1	7	5
Fatalities on-Board	158	72	244	144
Fatality Risk	0.11	0.03	0.06	0.10
IATA Members	13	26	25	18
IOSA Carriers	19	27	27	21
Sectors – in millions	32.0	38.6	40.6	31.8

# Industry Accident Rate

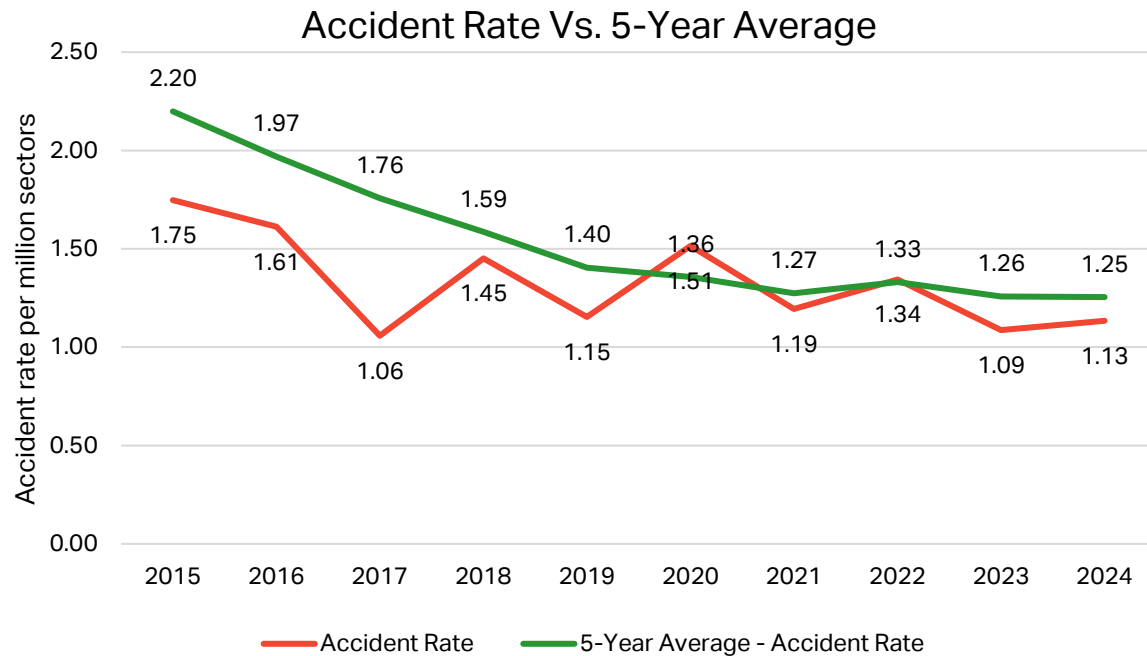
## All accidents per million sectors



- The industry accident rate per million sectors rose from 1.09 in 2023 up to 1.13, which remains below the 5-year average of 1.25
- The 2024 IOSA accident rate went from **0.95 in 2023 down to 0.92** accidents per million sectors.
- The accident rate for IOSA-registered carriers in 2024 was lower than that for non-IOSA carriers (**0.92 vs 1.70**).
- It is worth noting that the number of sectors flown by IOSA carriers is much more than that of non-IOSA carriers.

# Longer Term View

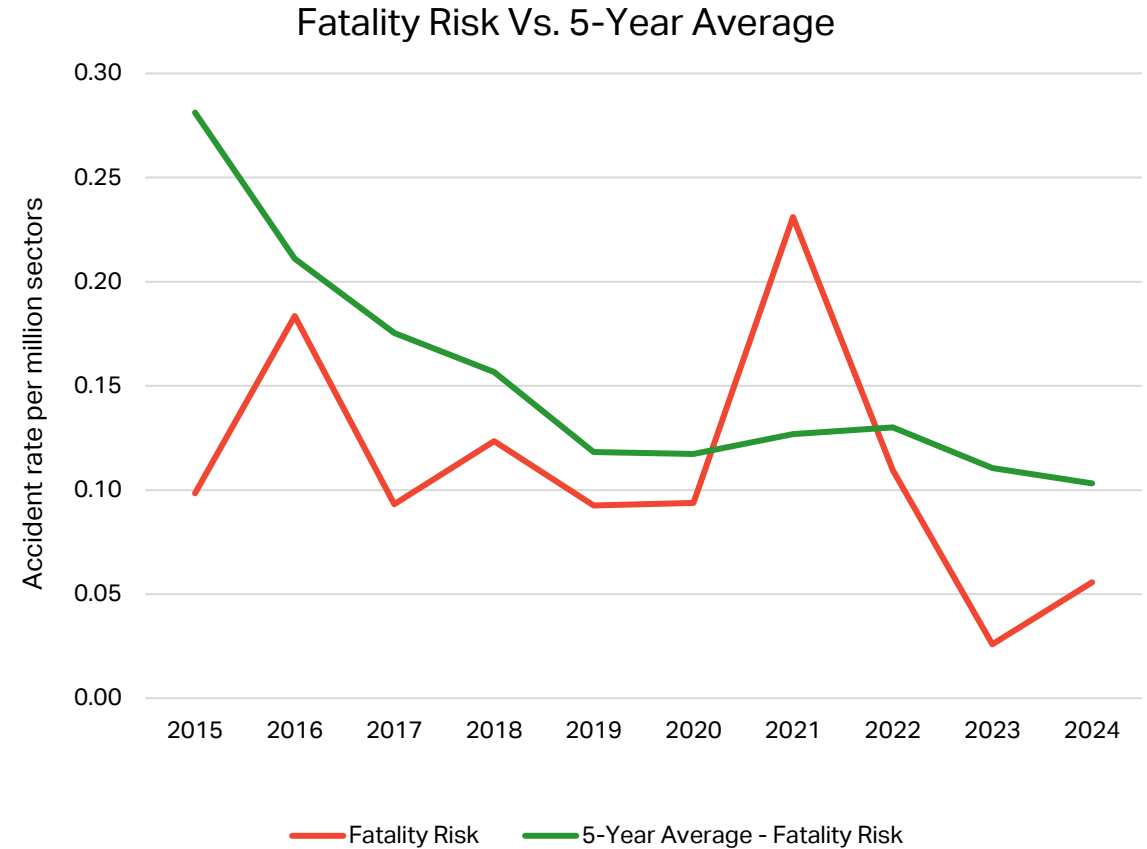
## All accidents per million sectors



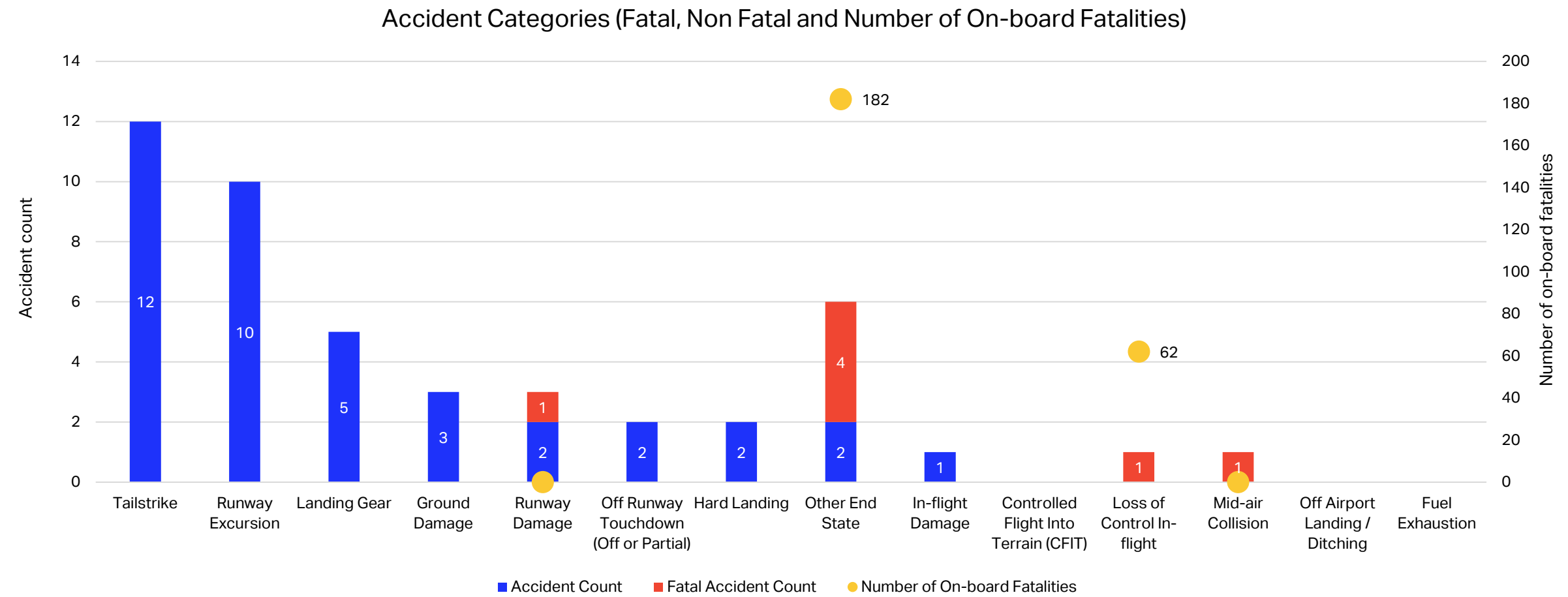
- Commercial aviation remains one of the safest modes of public transportation.
- This is evidenced by a long-term trend showing a significant reduction in accident rates, from 1.75 accidents per million sectors in 2015 down to 1.13 accidents per million sectors in 2024.
- The aviation uses a 5-year rolling accident average accident rate to monitor the safety health.
- The safety health of the industry has shown continued improvement.

# Industry Fatality Risk Vs. 5-Year Rolling Average

- Despite the increase in fatality risk rate in 2024, the fatality risk rate of 0.06 per million sectors remains below the 5-year (2020-2024) rolling average of 0.10.

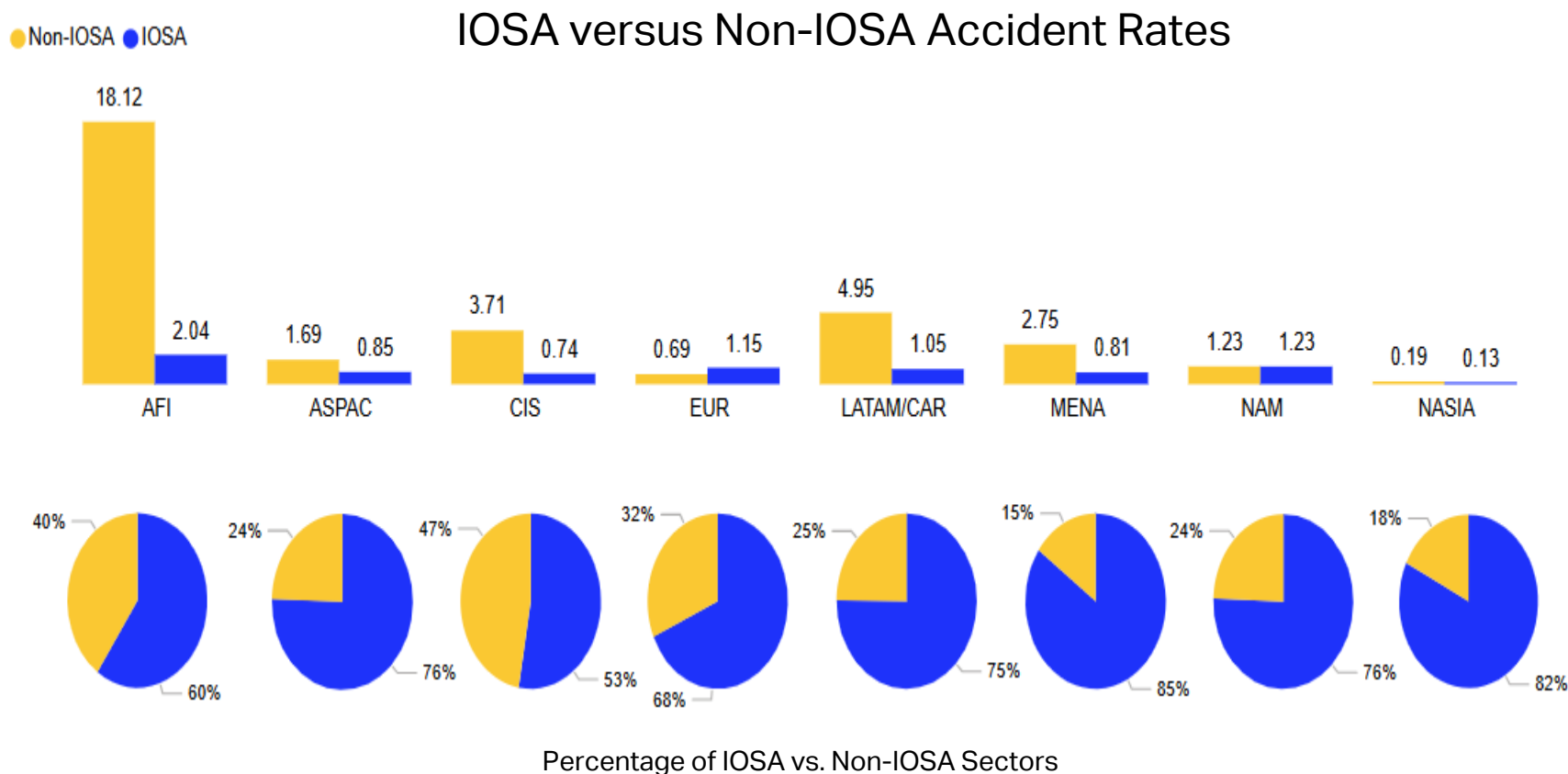


# Industry Accident Fatal and Non-Fatal and Fatalities per Accident Category (2024)




# Industry Accident Rate for IOSA Vs. Non-IOSA

## Five Years (2020-2024)



- Industry Accident Rate for IOSA Carriers reported in the last five years (2020-2024) is 0.90.
- Industry Accident Rate for Non-IOSA Carriers reported in the last five years (2020-2024) is 2.21.



A photograph taken from the perspective of a passenger looking out of an airplane window. The wing of the aircraft is visible in the foreground, extending from the left towards the right. Below the wing, a runway is visible, illuminated with lights that stretch into the distance. The sky is filled with dramatic clouds, and the sun is setting or rising, creating a warm, golden glow. The overall scene is a mix of dark and light tones, with the bright light of the sun contrasting with the dark silhouettes of the wing and the runway.

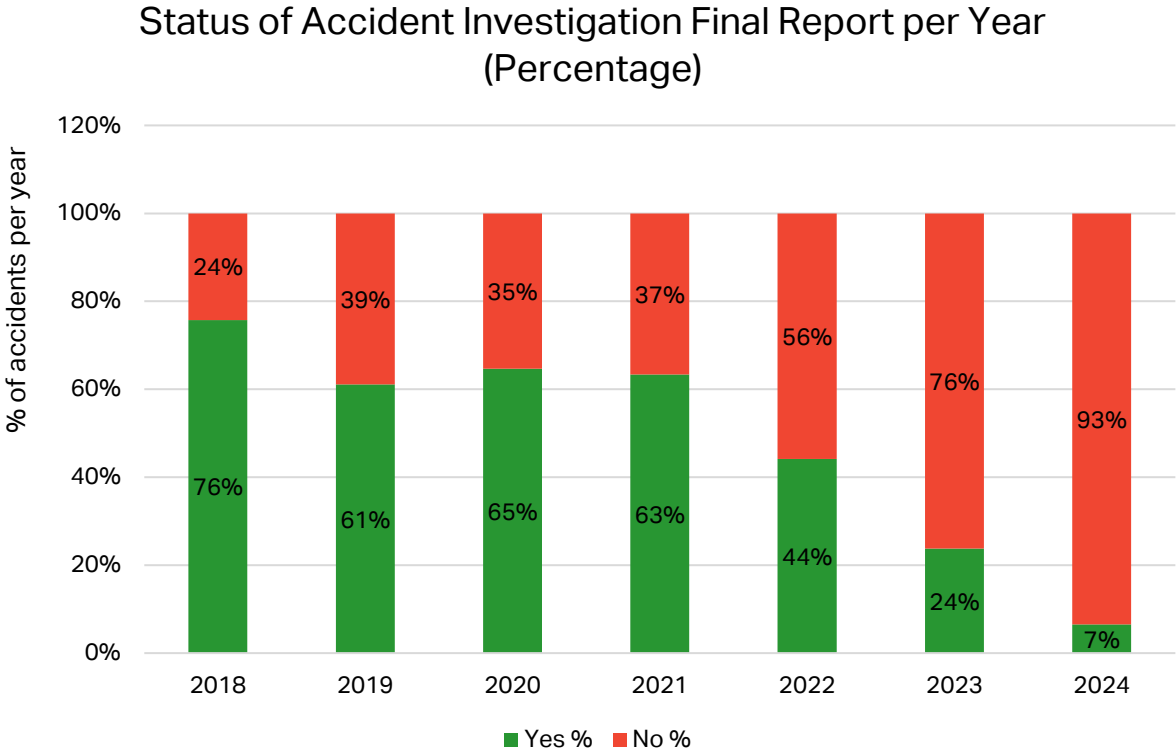
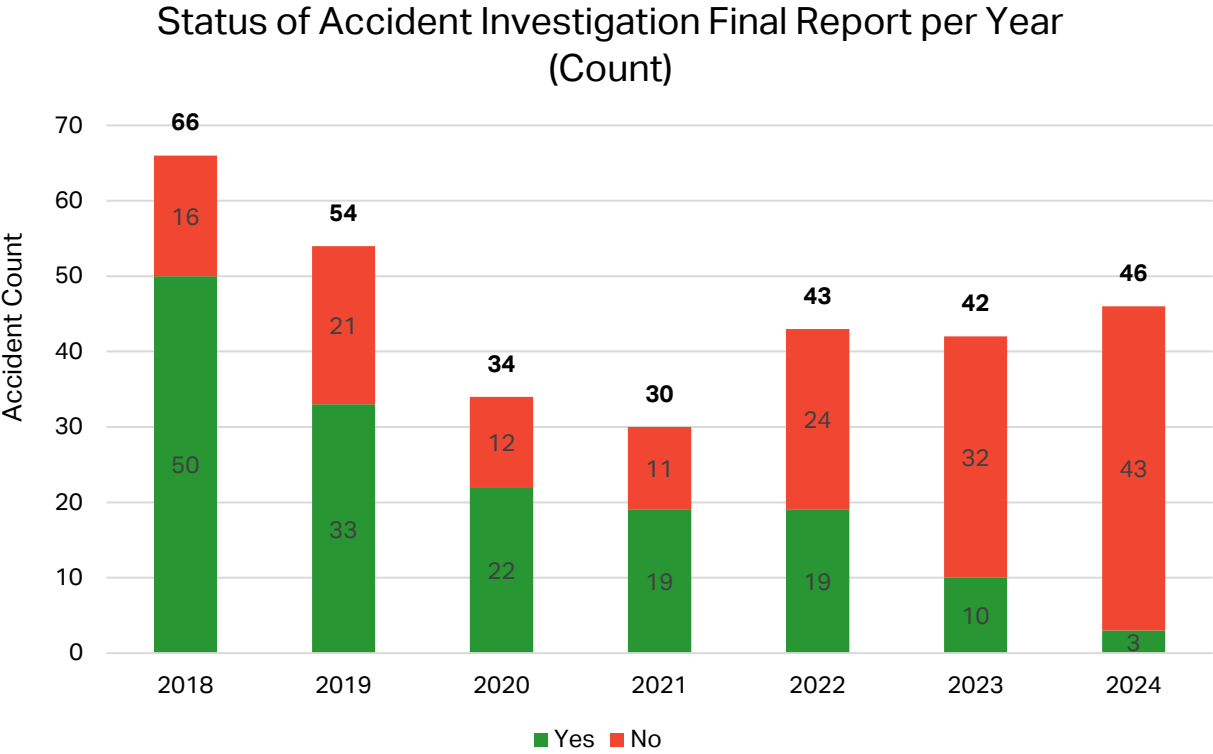
2018 – 2024

# Accident Investigation Final Reports



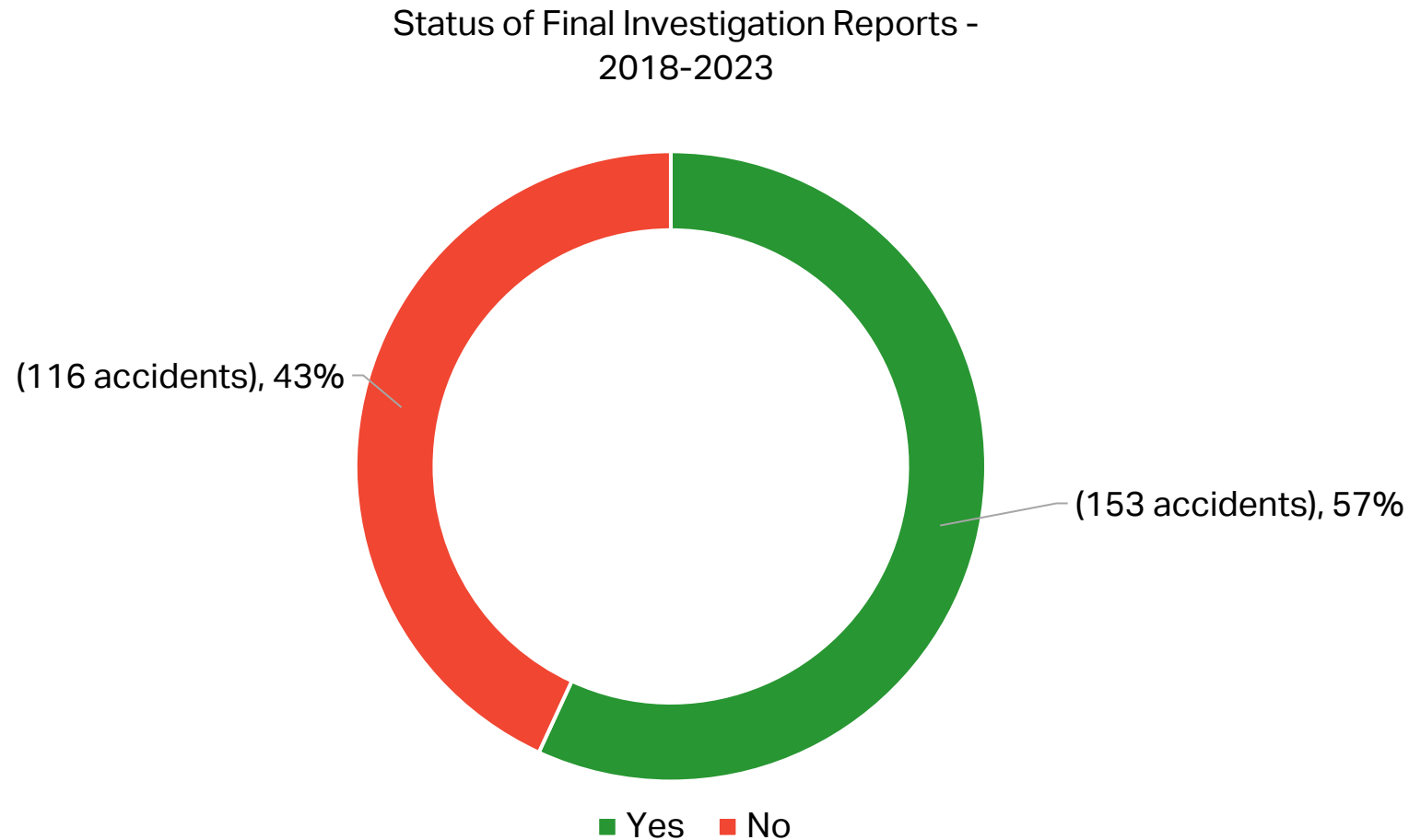
# Status of Accident Investigation Final Reports

## 2020 – 2024

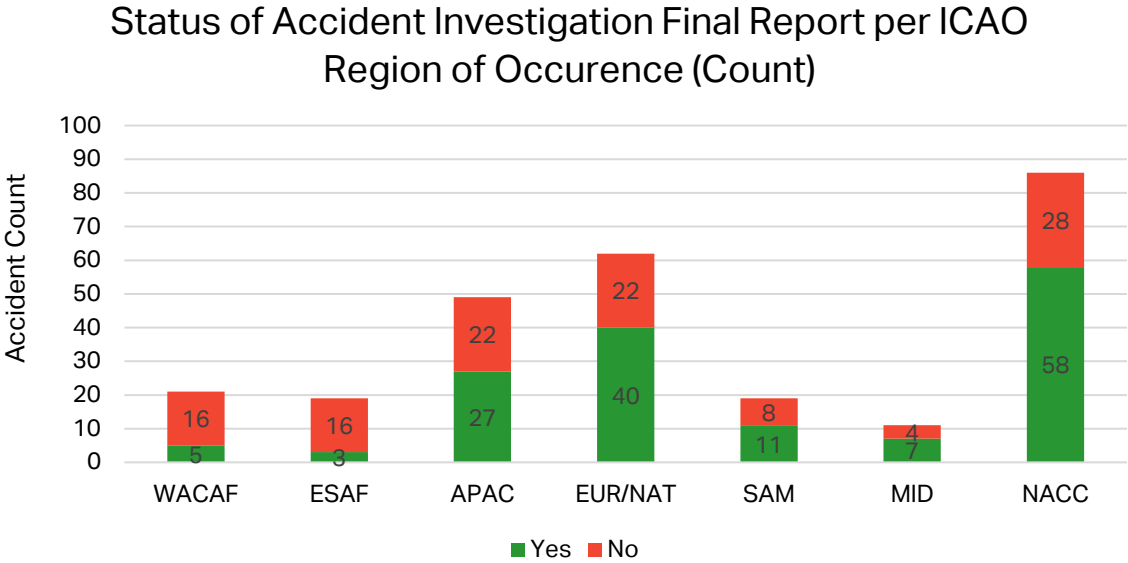
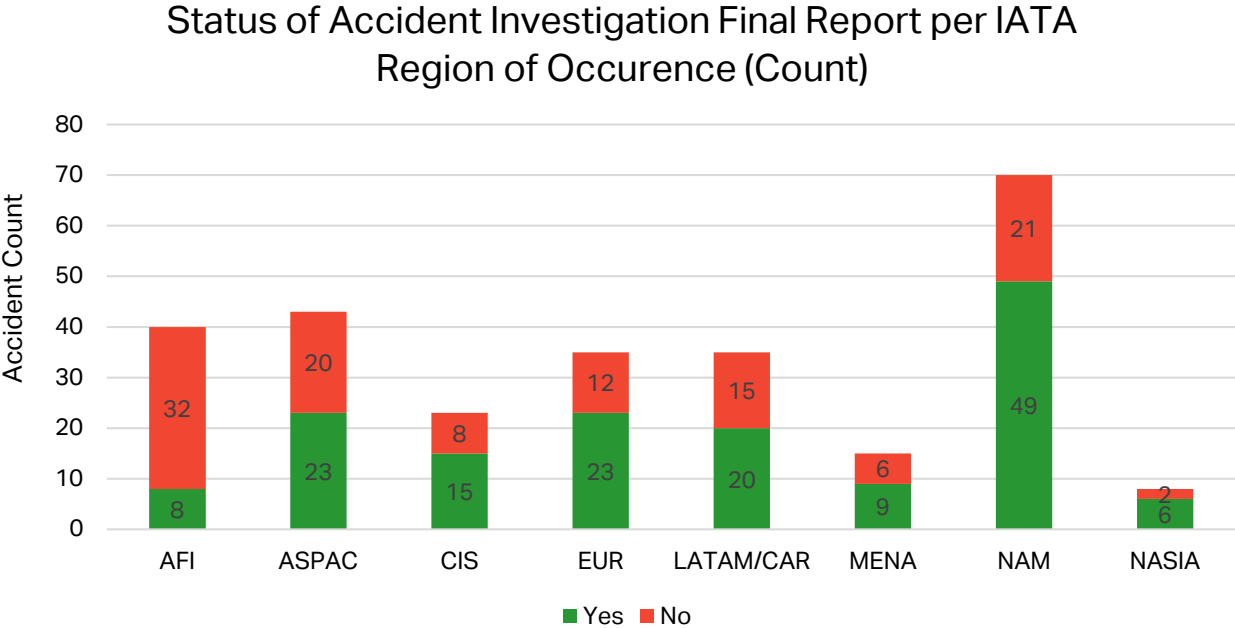


# Accidents and Investigation Final Reports Status

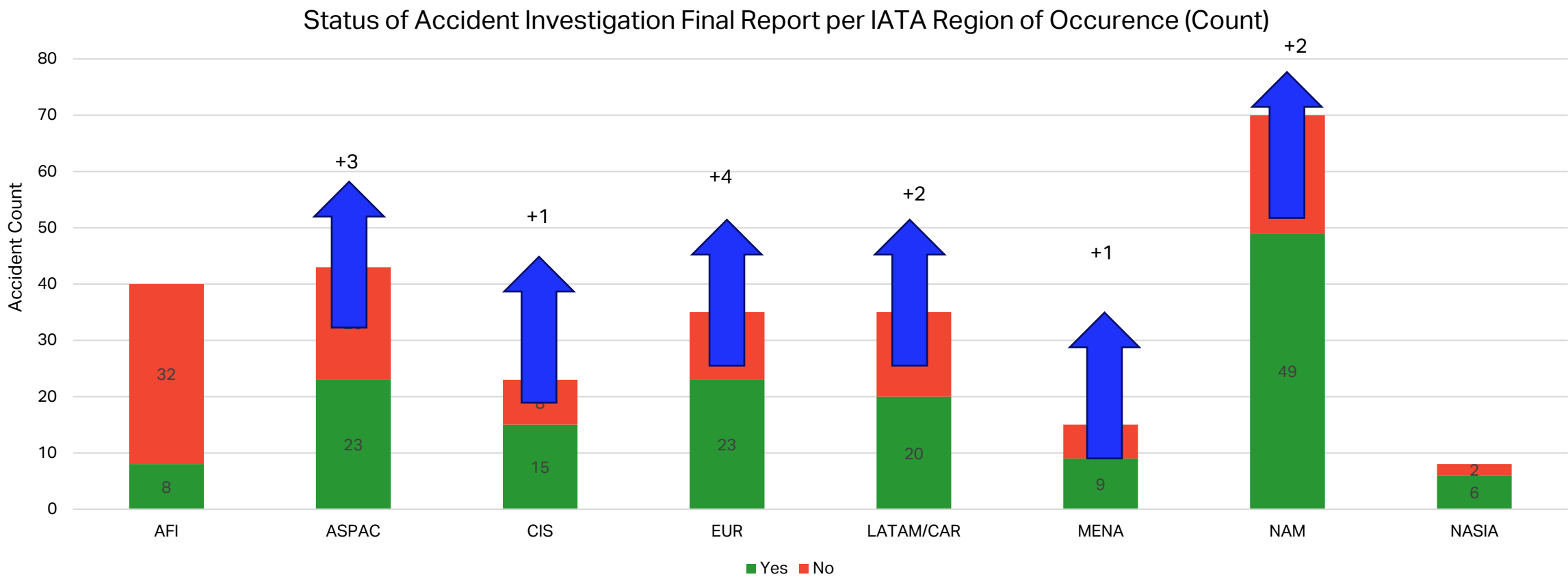
## 57% of the 2018-2023 accidents have a Final Report published



# Accident Investigation Final Reports per Region of Occurrence (2018-2023)



# Number of Accident Investigation Final Reports published per Region of Occurrence (2018-2023) since MID Year 2024



# Thanks You

