



THE AFRICAN
AVIATION SAFETY &
OPERATIONS SUMMIT



African Aviation Safety & Operations Summit



*Theme: From Culture to Competence: Delivering
Measurable Safety Performance*



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Opening Ceremony



*Theme: From Culture to Competence: Delivering
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Setting the scene: 2nd AASOS Recommendation Implementation

Gaoussou KONATE

*Theme: From Culture to Competence: Delivering
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Setting the Scene

African Aviation Safety and Operations Summit (3rd Edition)

Setting the scene: Status of implementation of recommendations adopted at the 2nd edition





Why review implementation now?

- The 2nd edition concluded with **eight (8) recommendations**; the 3rd edition builds on these outcomes.
- Objective: assess **what has been implemented**, what is **in progress**, and what remains at **planning / early execution**.
- Use the review to sharpen: **regional priorities, support needs, and summit deliverables** for the 3rd edition.





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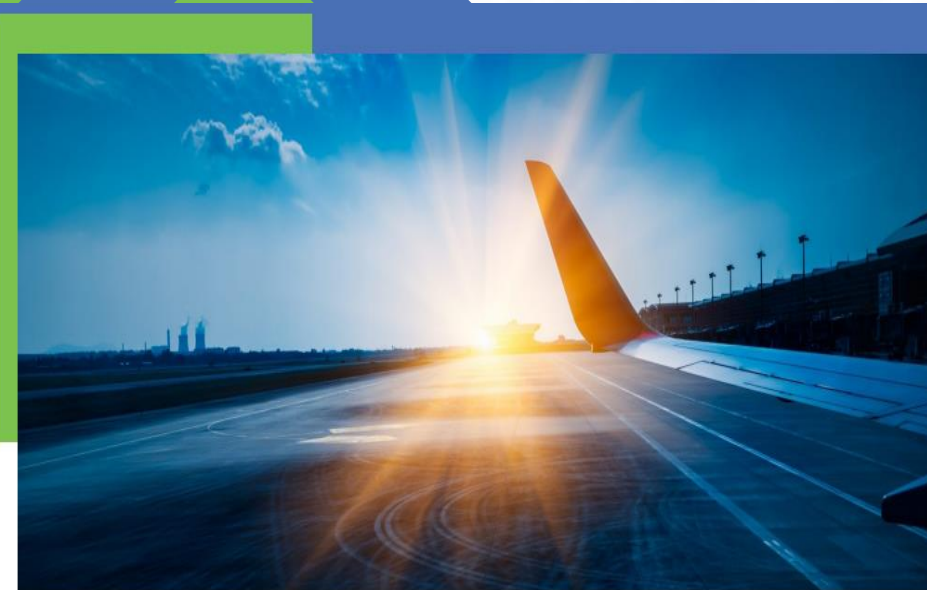
Consolidated view

Theme: From Culture to Competence: Delivering Measurable Safety Performance



Main action streams

- **Publication & dissemination** of the 8 recommendations (AFRAA committees, working papers, media).
- **Regional coordination & institutionalization** (RASG-AFI collaboration; ICAO/AFI reporting).
- **Operational implementation** (SMS integration; runway safety; safety training).
- **Knowledge sharing & collaboration** (sharing safety reports; peer reviews; participation).
- **Capacity building & support** (training programs; workshops; AEAG initiative).
- **Tools & future initiatives** (data-sharing portal planned; mental health/fatigue; action plans).
- **Theme-setting impact** for the 3rd edition



Actions Taken



1) AFRAA publication on the 8 recommendations

Recommendations documented through: **AFRAA Technical, Operations, and Training Committee** meeting documentation.

Reinforced via **AFRAA Safety Group** working papers.
Awareness/dissemination through **African media** and **social media networks**.

2) Regional coordination and institutionalization

Collaboration with **AASPG** in regional safety frameworks.

Submission to **ICAO** and inclusion of recommendations in the **AFI Annual Safety Report**.

Actions Taken



3) Implementation at the operational level

Integration into airline **Safety Management Systems (SMS)**.

Runway safety improvements.

Strengthened **safety training programs**.

4) Knowledge sharing and collaboration

Sharing of safety reports (e.g., **runway excursions**).

SMS peer reviews and best-practice exchange.

Expanded **Safety Group** participation.

5) Capacity building and support

AFRAA training programs and workshops.

Recommendations referenced during the **ICAO regional CFIT workshop**.

Launch of the **ATS Event Analysis Group (AEAG)** — first edition.

Call for participation in IATA CASIP activities in Africa





Actions in Progress: Tools, Initiatives, and Continuity

6) Development of tools and future initiatives

- Data-sharing portal (planned).
- Mental health/fatigue initiatives.
- Continued **Safety Group** action plans.

7) Recommendations informing the 3rd edition theme

- Outcomes from the 2nd edition **inspired the theme** of the 3rd African Aviation Safety and Operations Summit.



What the evidence shows

Clear, multi-level evidence of action taken

Operational integration: **SMS, runway safety, training.**

Formal embedding in regional frameworks: **ICAO reporting**, AFI Annual Safety Report.

Active collaboration and knowledge-sharing mechanisms.

Ongoing programs aligned with summit themes.

Key gap: implementation is still in progress across several areas; some actions are still at the planning / early execution stage.



Lessons learned: Challenge in implementing 8 recommendations in a year



- Prioritize **regional coordination** actions (AFRAA / RASG-AFI / ICAO)
- **Support package** is needed (training, peer reviews, data sharing, tools)?
- **Track progress** (owners, milestones, and measurable indicators) between summit editions



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Current Risk Picture: Africa

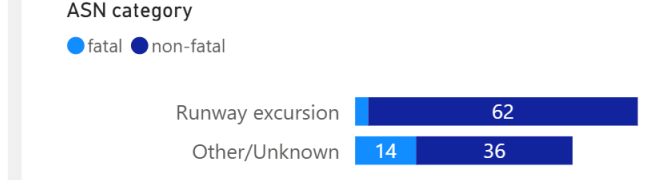
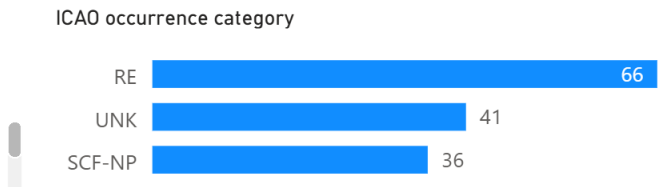
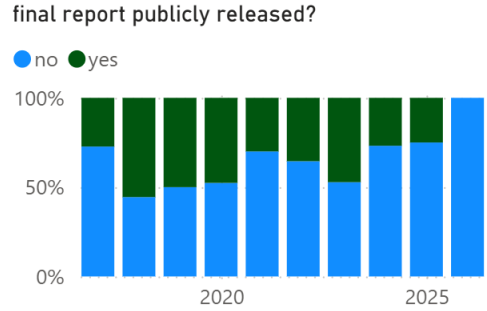
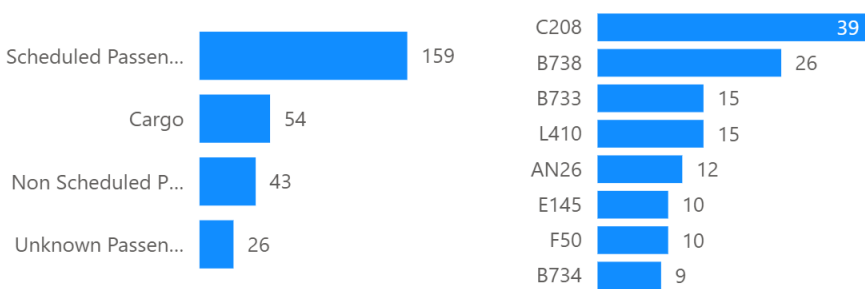
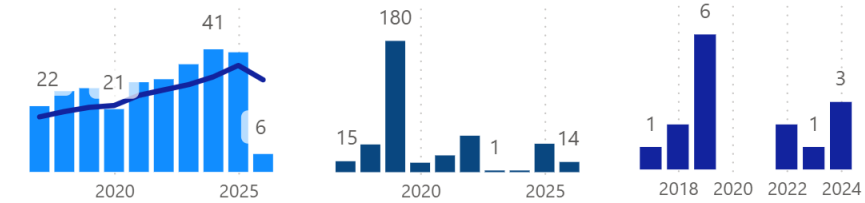
Source: Aviation Safety Network, Flight Safety Foundation

Gerardo M Hueto
Director of Safety
Flight Safety Foundation

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Africa Accident Dashboard+



AC
 SI

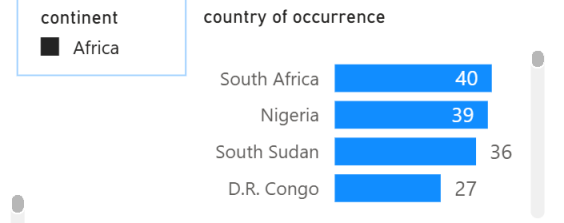
Jet
 Piston
 Turboprop

fatal
 non-fatal

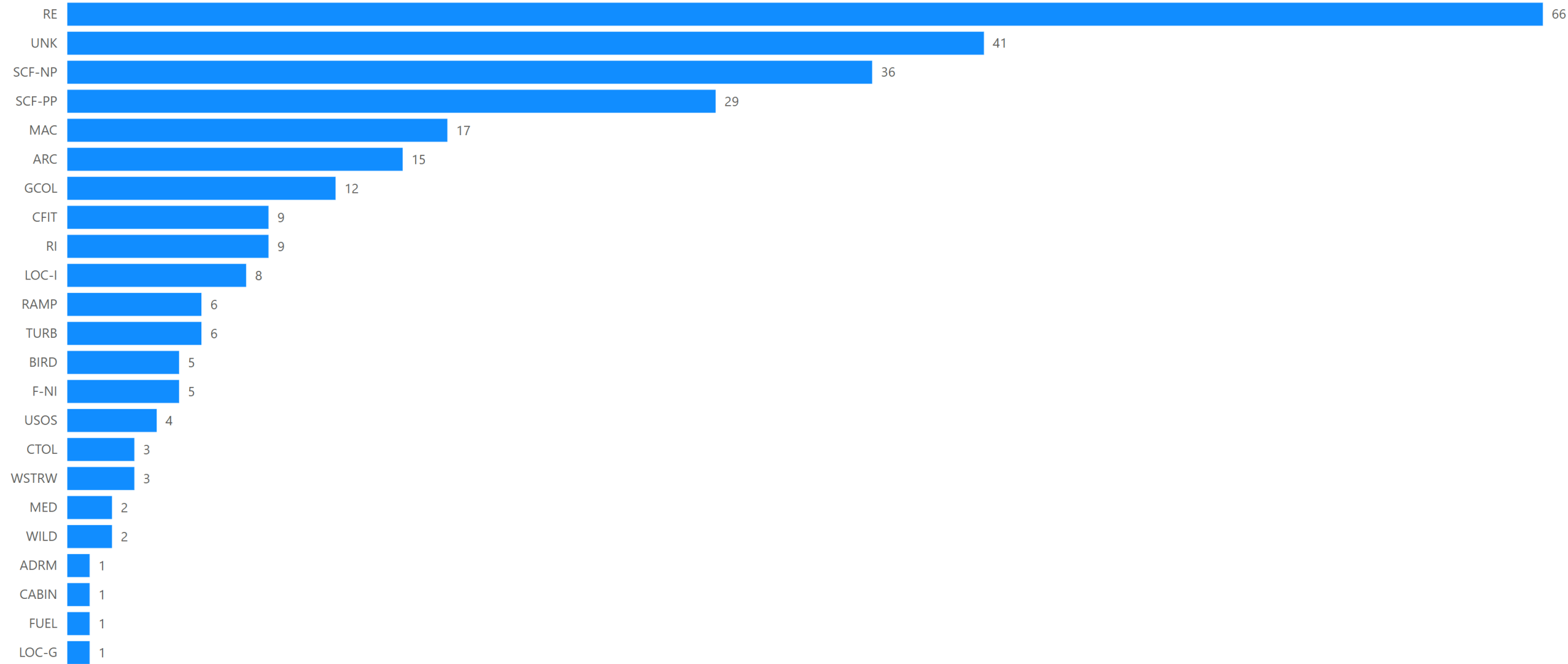
< 5700 kg
 > 5700 kg

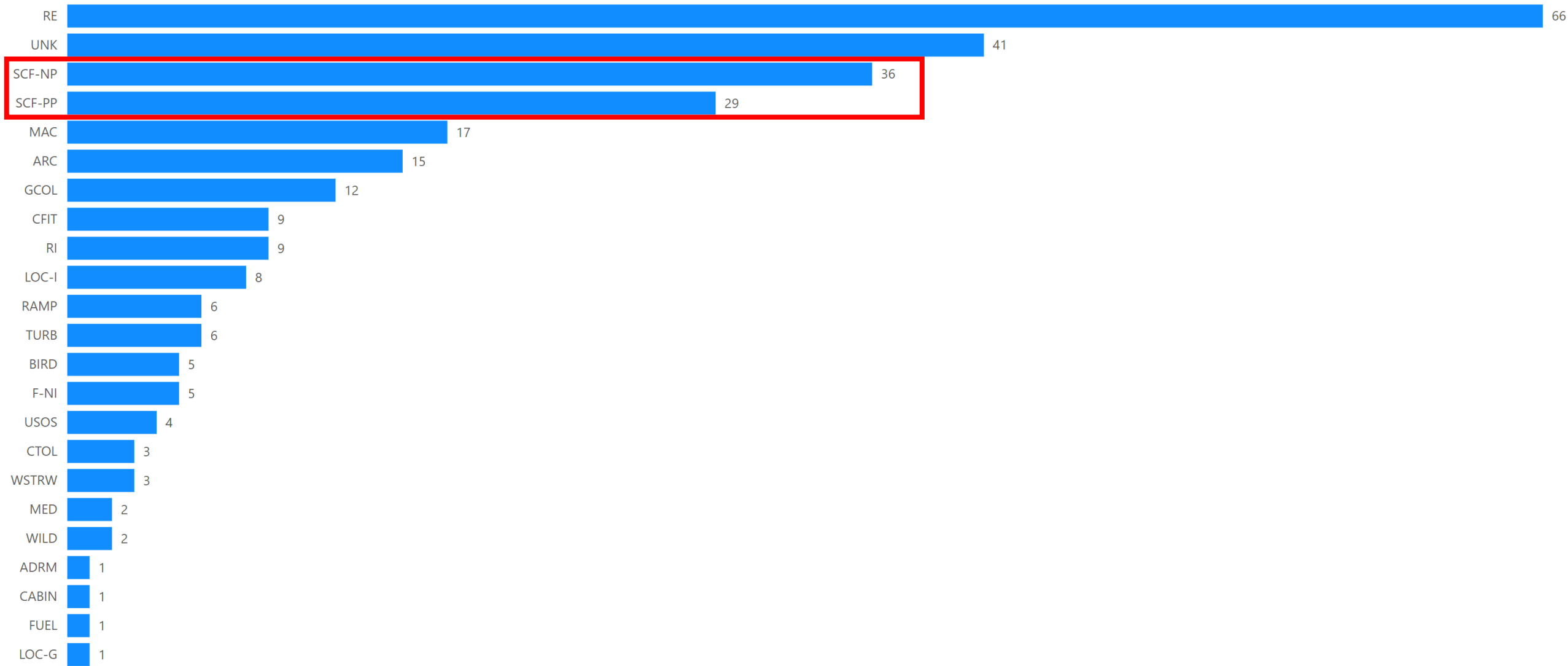
land
 water

airliners
 corpjets

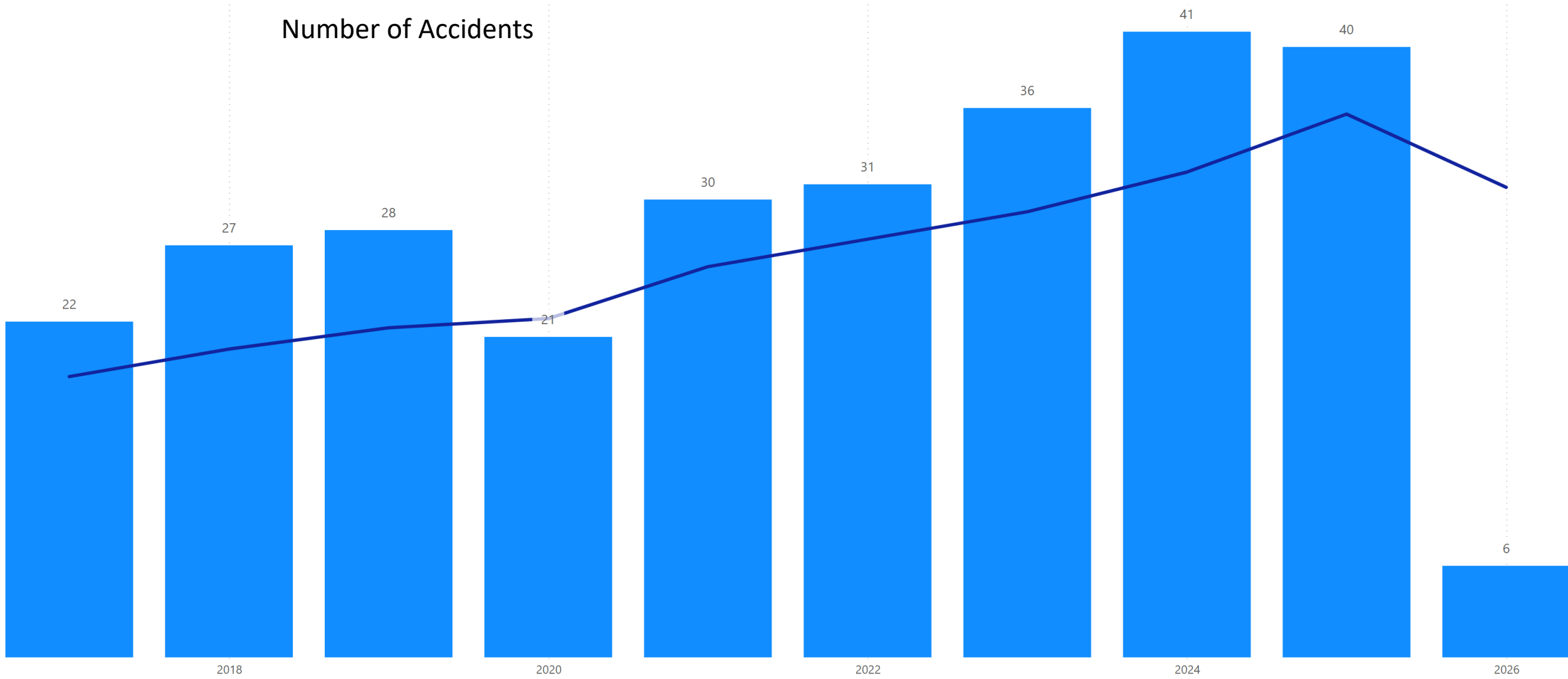


url	date	type	country	fatalities	grd fatal	cat	ICAO_category
🔗	27 April 2026	Cessna 208 Caravan	South Sudan	14	0	AC	UNK
🔗	24 April 2026	Embraer EMB-120 Brasilia	Kenya	0	0	AC	RE
🔗	20 March 2026	de Havilland Canada DHC-8-100	Kenya	0	0	SI	RE
🔗	11 February 2026	Boeing 737-700	Nigeria	0	0	AC	SCF-PP
🔗	10 February 2026	Fokker 50	Somalia	0	0	AC	UNK
🔗	06 February 2026	ATR 72-600	Mayotte	0	0	SI	SCF-NP
🔗	25 November 2025	Let L-410	South Sudan	3	0	AC	UNK
🔗	24 November 2025	Cessna 208 Caravan	South Africa	0	0	SI	GCOL
Total				374	15		

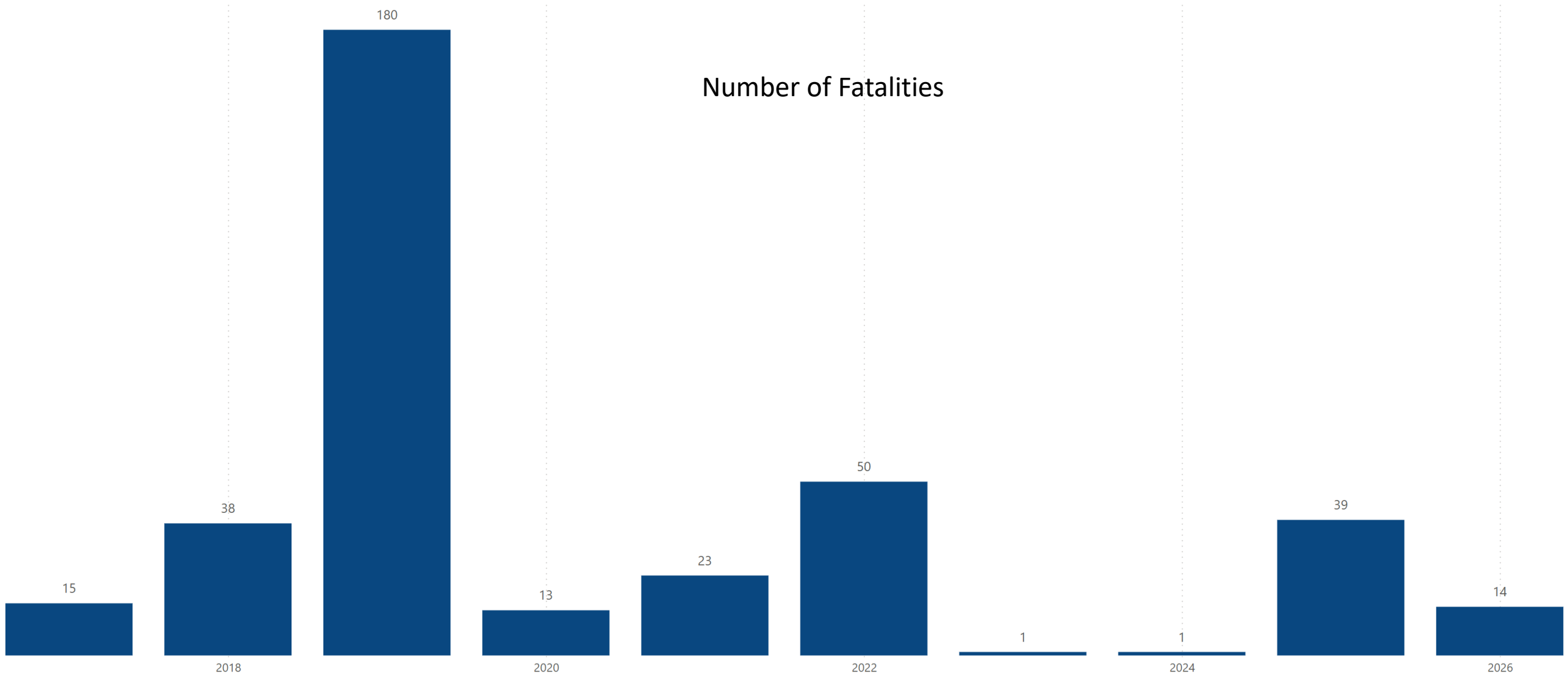




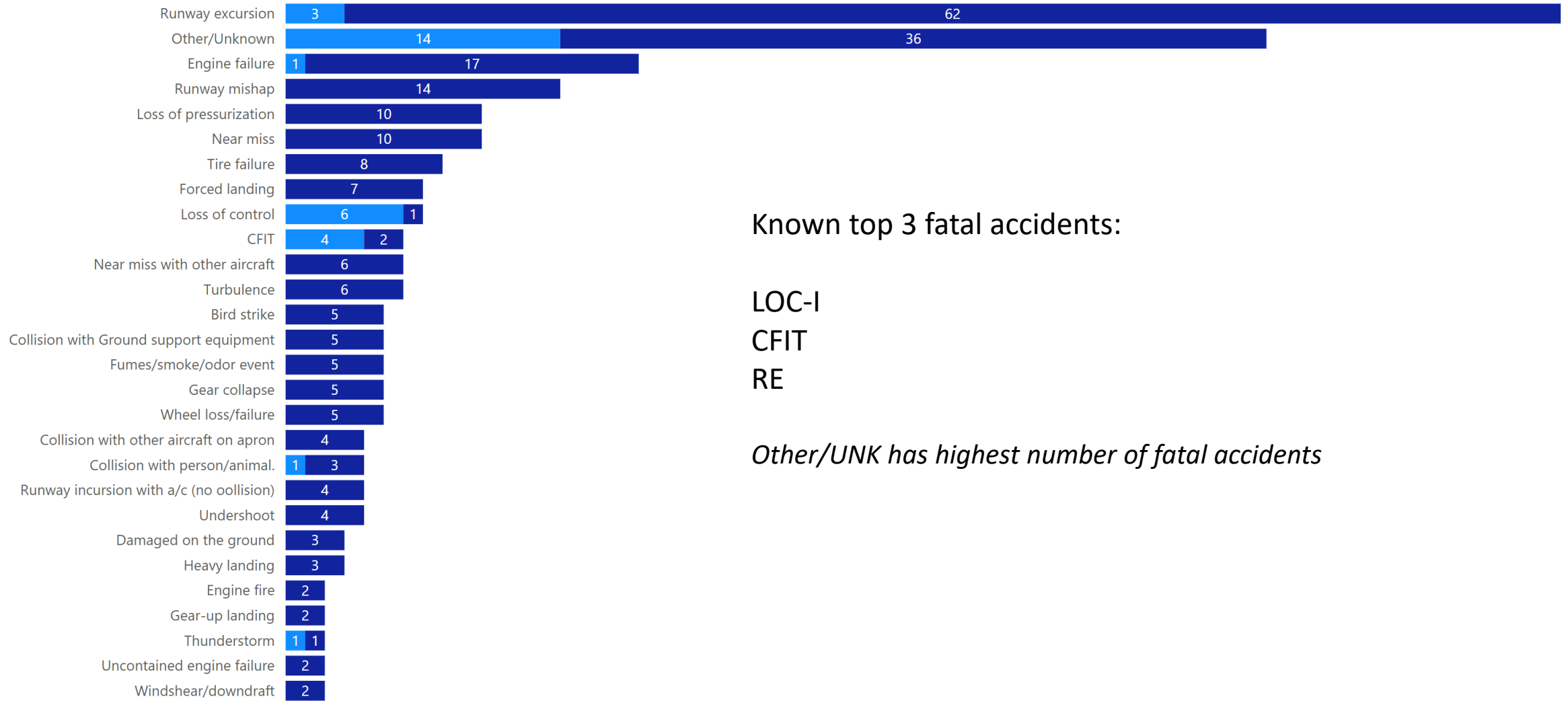
Number of Accidents



Number of Fatalities



● fatal ● non-fatal



Known top 3 fatal accidents:

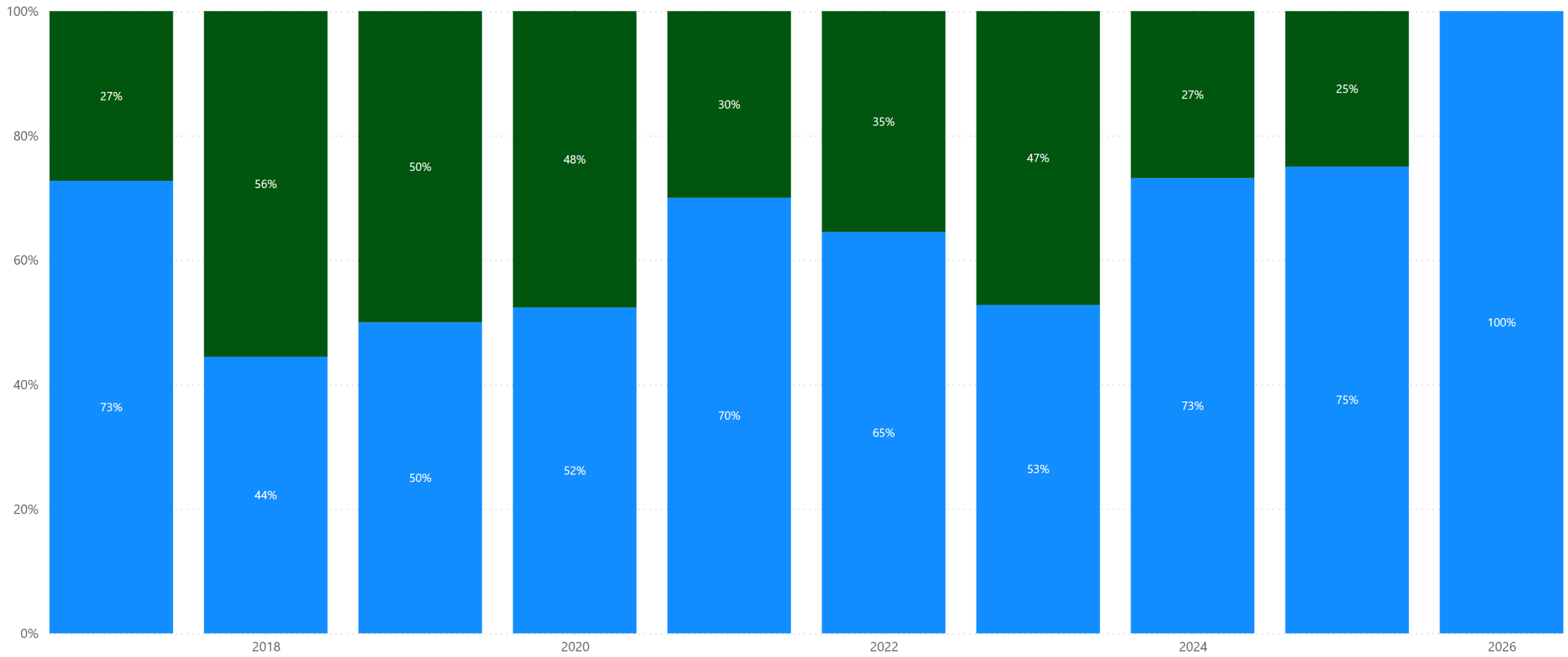
LOC-I

CFIT

RE

Other/UNK has highest number of fatal accidents

no yes



Access to the ASN Dashboard is located at:

<https://flightsafety.org/toolkits-resources/aviation-safety-network/>





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Panel discussion: Aligning Procedures with Frontline Execution, Removing Drift, Reinforcing Discipline, Demonstrating Results



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Mr. Kiran Paima
HEAD SAFETY – South African Airways
Aviation Safety/Emergency Response/Flight Data/Fatigue
Risk/Occupational Health

Human Performance & Fatigue

Practical Interventions that Changed the Operations

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Aviation Safety/Emergency Response/Flight Data/Fatigue
Risk/Occupational Health

Why This Matters

- Fatigue = operational risk
- Impacts decision-making
- Small errors → large consequences
- Human performance underpins safety margins
- Need simple effective interventions



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Aviation Safety/Emergency Response/Flight Data/Fatigue
Risk/Occupational Health

Operational Context

- Long-haul + Short-haul multi-sector operations
- Night operations/ WOCL exposure
- Environmental stressors.
(Infrastructure, ATC, Post Covid, Organizational Changes)
- Crew Constraints
- Mixed crew experience levels



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Risk/Occupational Health



Problem Areas Identified

- Fatigue-related performance degradation
- Checklist discipline erosion
- Authority gradient issues
- Low Morale
- Reduced situational awareness in later duty phases
- Increase in sick leave.



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Risk/Occupational Health

Intervention Philosophy

- Minimal mitigations, maximum effect
- No added complexity
- Embedded into existing workflow
- Reinforce – not replace
- Focus on proactive mitigation
- Mitigations impact behaviour



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Fatigue Interventions

- Fatigue task team
- Shared awareness
- Early mitigation
- Fatigue Risk micro training sessions for new crews





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Roster Adjustments

- Adjusted duty patterns
- Improved recovery opportunities
- Circadian alignment
- Reduced cumulative fatigue



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Example: Johannesburg – Lagos – Johannesburg Fatigue Risk Mitigation

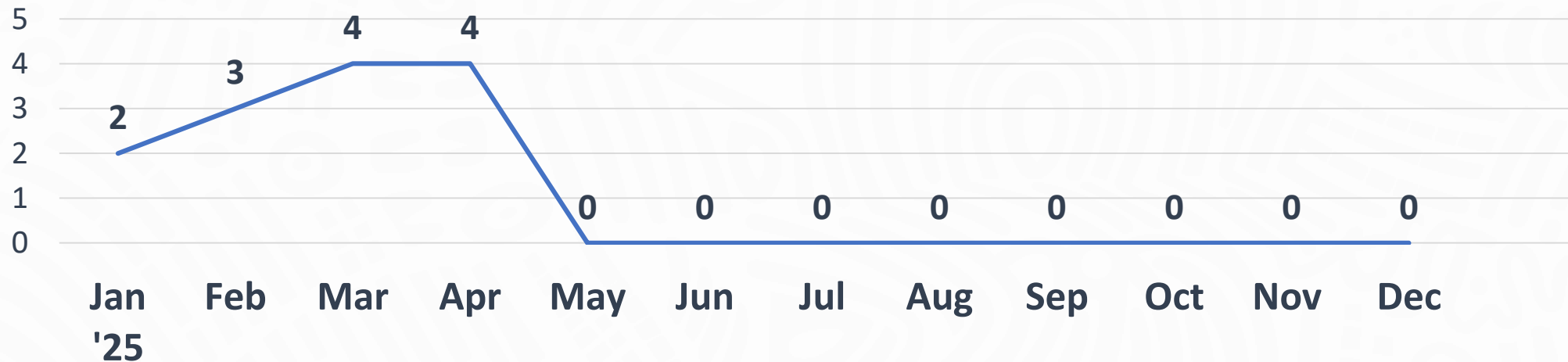
- Crew operates JNB – LOS – JNB, no layover in Lagos
- Two crew operation with inflight relief and FDP extensions
- Sign-on times led to frequent use of Captain's Discretion
- **Structural Mitigation:** adjusted duty sign-on times to reduce use of Captain's discretion to extend Flight & Duty Period
- High number of fatigue reports on this pairing
- Increased instances of crew booking off sick during or after the pairing
- **Recovery Mitigations:** a day off after pairing for recovery





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Lagos Trend Flight Deck Crew 2025



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Measurable Outcomes

- Reduced fatigue-related reports
- Improved compliance
- Increased reporting culture engagement
- Improved operational stability



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Enablers

- Leadership support
- Just culture environment
- Data-driven feedback loops
- Multi-stakeholder involvement





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Lessons Learned

- Simplicity beats complexity
- Behaviour change > procedural change
- Leadership support is critical
- Continuous feedback is essential





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Practical Framework (Takeaway)

4-Step Model:

- Identify key human performance risks
- Introduce effective interventions
- Embed into existing workflows
- Reinforce through leadership and culture



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Africa Insight

- Context matters
- Adapt solutions – solutions must fit operational realities
- Human factors are critical in dynamic environments
- Local adaptation is key





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Final Takeaways

- Small changes, big impact
- Human performance is the safety multiplier
- Fatigue management must be practical
- Culture drives success





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Panel discussion: Predictive Data & Early Warnings — Minimal Signals, Maximum Effect (OEM & Operator Perspectives)



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