



ICAO MID



MIDANPIRG/17
& RASG-MID/7

Cairo, Egypt, 15-18 April 2019



MID Safety Indicators and Targets

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Flight Safety Officer, ICAO MID

Seventeenth Meeting of the Middle East Air Navigation
Planning and Implementation Regional Group
Seventh Meeting of the Regional Aviation Safety Group

الإجتاع السابع عشر للمجموعة الإقليمية لتخطيط وتنفيذ الملاحة الجوية
في الشرق الأوسط
الإجتاع السابع للمجموعة الإقليمية لسلامة الطيران بالشرق الأوسط



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REACTIVE





Accidents

Safety Indicator

Number of accidents per million departures

Safety Target

Reduce/Maintain the regional average rate of accidents to be in line with the global average rate by 2016

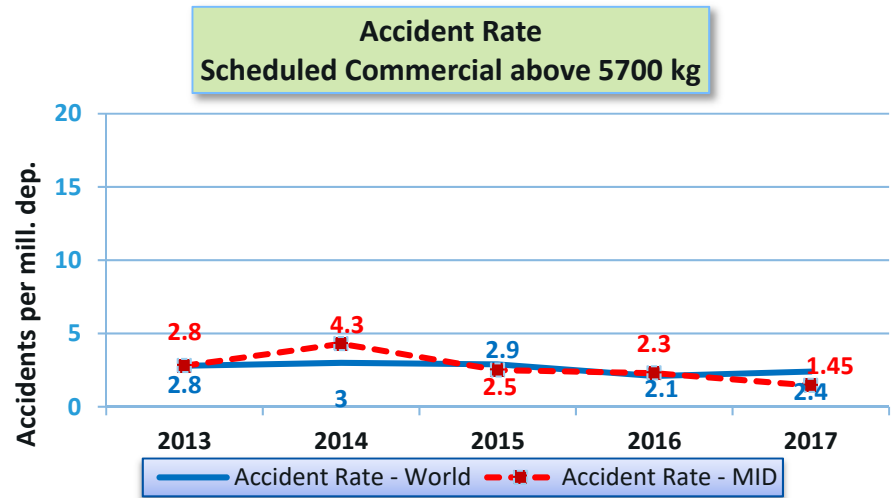
Average 2013-2017

Average MID

2.67

Average Global

2.64



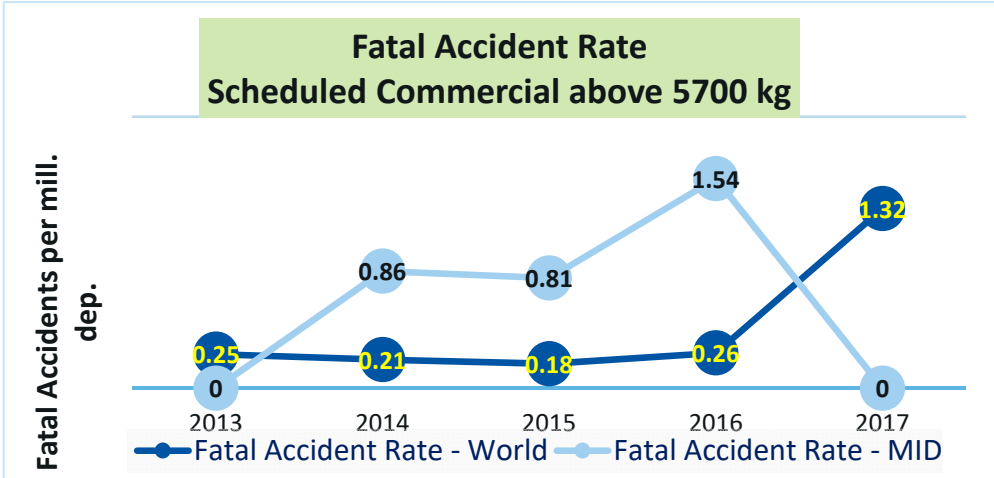
Official ICAO accident statistics, used for the development of the ICAO safety reports
Scheduled commercial operations involving aircraft with MTOW above 5700 kg



Fatal Accidents

Safety Indicator
Number of fatal accidents per million departures

Safety Target
Reduce/Maintain the regional average rate of fatal accidents to be in line with the global average rate by 2016



Official ICAO accident statistics, used for the development of the ICAO safety reports
Scheduled commercial operations involving aircraft with MTOW above 5700 kg

Average 2013-2017

Average MID
0.64

Average Global
0.44



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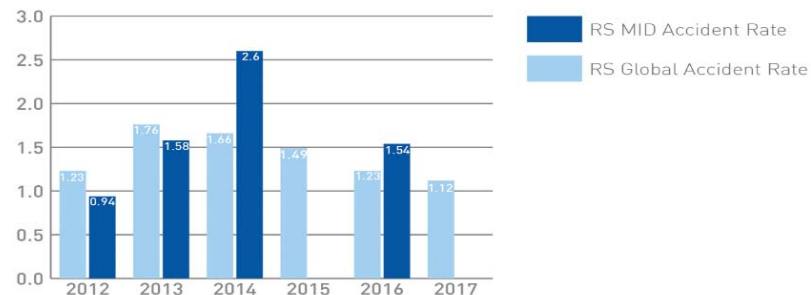
Runway Safety (RS)

Safety Indicator

Number of Runway Safety related accidents per million departures

Safety Target - 1

Reduce/Maintain the regional average rate of Runway Safety related accidents to be below the global average rate by 2016



Average 2013-2017

Average MID
1.18

Average Global
1.22

Safety Target - 2

Reduce/Maintain the Runway Safety related accidents to be less than 1 accident per million departures by 2016

MID 2016
1.54

MID 2017
0



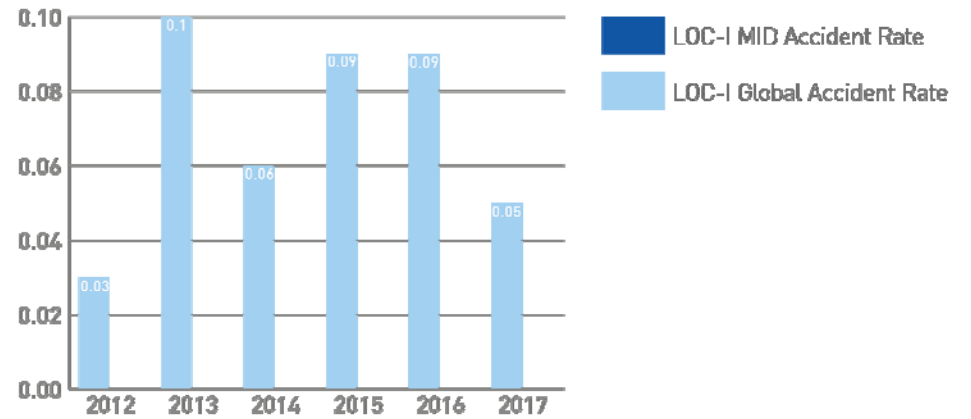
Loss of Control In-flight (LOC-I)

Safety Indicator

Number of LOC-I related accidents per million departures

Safety Target

Reduce/Maintain the regional average rate of LOC-I related accidents to be below the global rate by 2016



Average 2013-2017

Average MID

0

Average Global

0.08



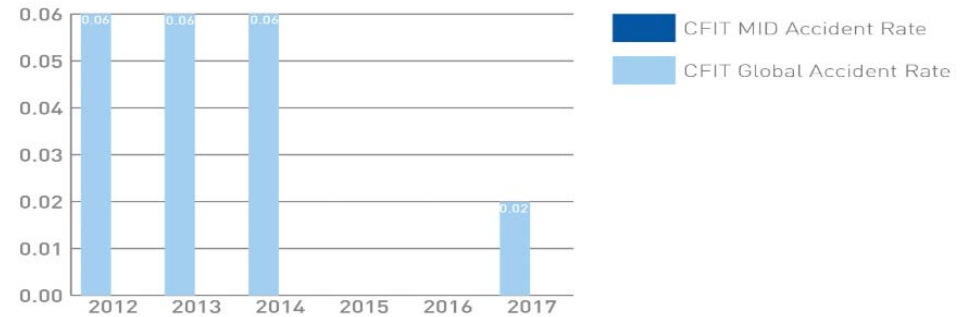
Controlled Flight Into Terrain (CFIT)

Safety Indicator

Number of CFIT related accidents per million departures

Safety Target

Reduce/Maintain the regional average rate of CFIT related accidents to be below the global rate by 2016



Average 2013-2017

Average MID

0

Average Global

0.02



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PROACTIVE



USOAP
Continuous Monitoring Approach



Promoting global aviation safety
by continuously monitoring and updating
the safety oversight capabilities of all ICAO Member States.





USOAP-CMA

Safety Indicator - 1
Regional average EI

Safety Target - 1
Increase the regional average EI to be above 70% by 2020

Regional Average EI
75.15%

Global Average EI
67.43%

Safety Indicator - 2
Number of MID States with an overall EI over 60%

Safety Target - 2
11 MID States to have at least 60% EI by 2020

10 States have achieved the target of 60% EI

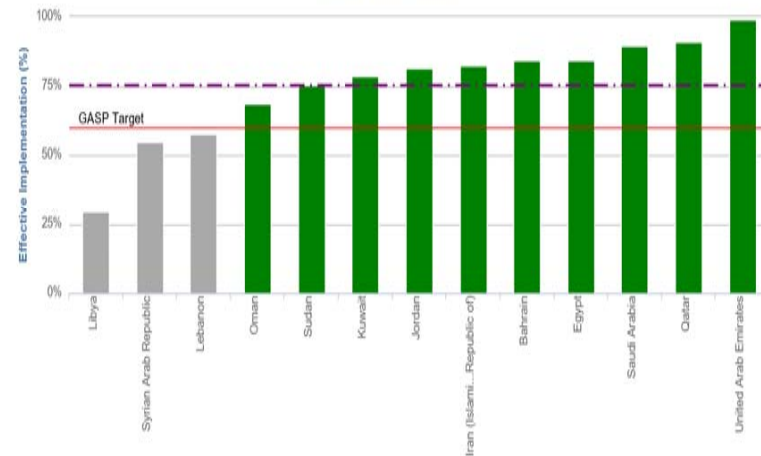
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USOAP Audit Results



As of 14-04-2019



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USOAP-CMA

Safety Indicator - 3

Number of MID States with an EI score less than 60% for more than 2 areas (LEG, ORG, PEL, OPS, AIR, AIG, ANS and AGA)

Safety Target - 3

Max 3 MID States with an EI score less than 60% for more than 2 areas by 2017

7 States

Safety Indicator - 4

Number of Significant Safety Concerns (SSCs)

Safety Target - 3

MID States resolve identified Significant Safety Concerns as a matter of urgency and in any case within 12 months from their identification.

No significant Safety Concern by 2016.

**NO SSC in MID
Region**

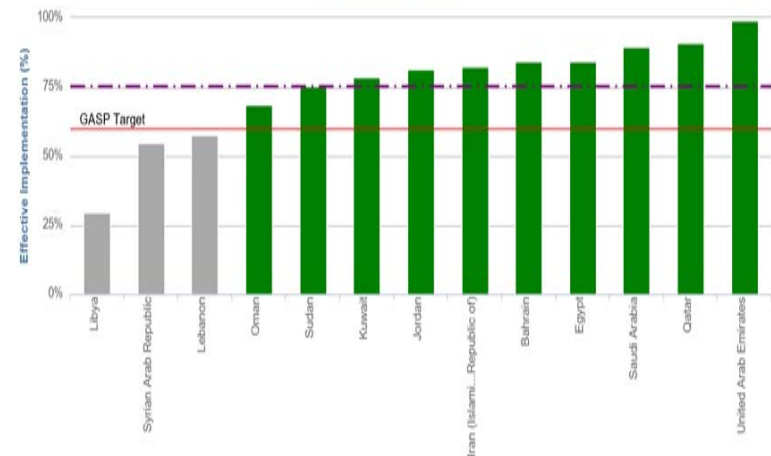
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USOAP Audit Results





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Aerodrome Certification

Safety Indicator

Number of certified international aerodrome as a percentage of all international aerodromes in the MID Region

Safety Target

50% of the international aerodromes certified by 2015

75% of the international aerodromes certified by 2017

Status

64%

Runway Safety Team (RST) at MID International Aerodromes

Safety Indicator

Number of established Runway Safety Team (RST) at MID International Aerodromes

Safety Target

50% of the international aerodromes by 2020

Status

57%



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IATA Operational Safety Audit (IOSA)

Safety Indicator

Use of the IATA Operational Safety Audit (IOSA), to complement safety oversight activities.

Safety Target - 1

Maintain at least 60% of eligible MID airlines to be certified IATA-IOSA by 2015 at all times

Status

60%

Safety Target - 2

All MID States with an EI of at least 60% use the IATA Operational Safety Audit (IOSA) to complement their safety oversight activities, by 2018.

Status

4 out of 10



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ECCAIRS

Safety Indicator - 1

Percentage of MID States that use ECCAIRS for the reporting of accidents and serious incidents

Safety Target 60% by 2018

Safety Target 80% by 2020

Status

**27% already using
ECCAIRS**

**13% Planning to use
ECCAIRS in 2017**



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PREDICTIVE

SSP + SMS

the only possible path towards
operational safety



State Safety Programme (SSP) Implementation

Safety Indicator	Safety Target	Status
Number of MID States, having completed the SSP gap analysis on iSTARS	10 MID States by 2015	14 States started 9 States completed
Number of MID States, that have developed an SSP implementation plan	10 MID States by 2015	7 States
Number of MID States with EI>60%, having completed implementation of SSP Phase 1	All MID States with EI>60% to complete phase 1 by 2016	3 States (4 States-partially)
Number of MID States with EI>60%, having completed implementation of SSP Phase 2	All MID States with EI>60% to complete phase 2 by 2017	1 State (6 States-partially)
Number of MID States with EI>60%, having completed implementation of SSP Phase 3	All MID States with EI>60% to complete phase 3 by 2018	(7 States-partially)
Number of MID States with EI>60%, having completed implementation of SSP	All MID States with EI>60% to complete SSP implementation by 2020	none



Safety Management System (SMS) Implementation

Safety Indicator

Number of MID States with EI>60% that have established a process for acceptance of individual service providers' SMS

Safety Target - 1

30% of MID State with EI>60% by 2015

Safety Target - 2

70% of MID States with EI>60% by 2016

Safety Target - 3

100% of MID States with EI>60% by 2017



Status

75%
(6 States)



Fleet Age

Safety Indicator	Safety Target	Status
Average Fleet Age	States are required to monitor their fleet age. No regional Safety Targets are defined.	N/A
Percentage of fleet above 20 years of age		



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Mexico City
- South American (SAM) Office
Lima
- ICAO Headquarters
Montréal
- Western and Central African (WACAF) Office
Dakar
- European and North Atlantic (EUR/NAT) Office
Paris
- Middle East (MID) Office
Cairo
- Eastern and Southern African (ESAF) Office
Nairobi
- Asia and Pacific (APAC) Sub-office
Beijing
- Asia and Pacific (APAC) Office
Bangkok



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75 YEARS
OF CONNECTING THE WORLD

الإيكاو ٢٠١٩



٧٥ عاماً
من الزيت بين أرجاء العالم

THANK YOU