



# Status of Safety Indicators and Targets

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## MID Region Safety Strategy

Developed by the First MID Safety Summit (Bahrain, April 2013)

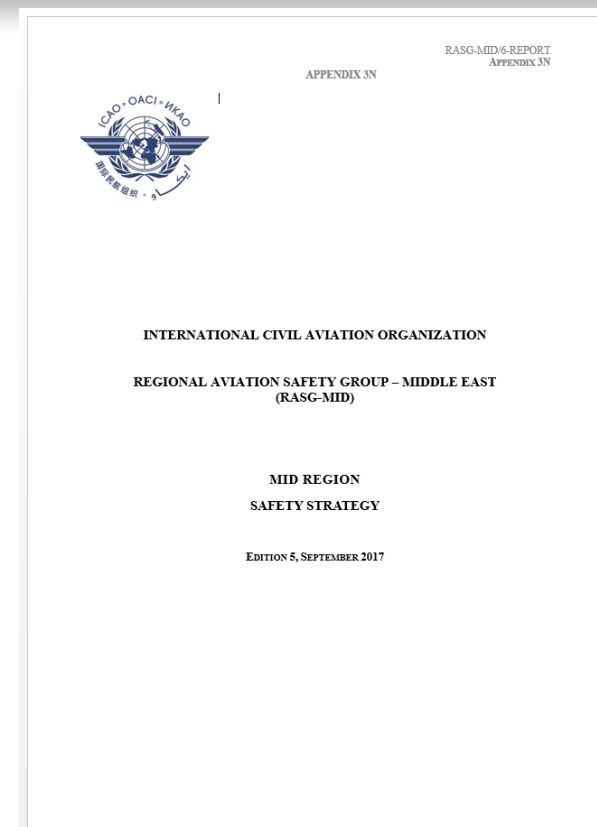
Endorsed by the DGCA-MID/2 meeting (Jeddah, Saudi Arabia, May 2013)

In line with the Global Aviation Safety Plan (GASP)

Addresses specific regional safety issues and identifies safety priorities, indicators and targets for the MID Region

The RASG-MID is the governing body responsible for the review and update of the Strategy

Latest version (Revision 5) was endorsed by the RASG-MID/6 meeting (Bahrain, Sept 2017)





## Strategic Safety Objective

Continuous improvement of aviation safety through a progressive reduction of the number of accidents and related fatalities in the MID Region to be in line with the global average, based on reactive, proactive and predictive safety management practices.



## Accidents

### Safety Indicator

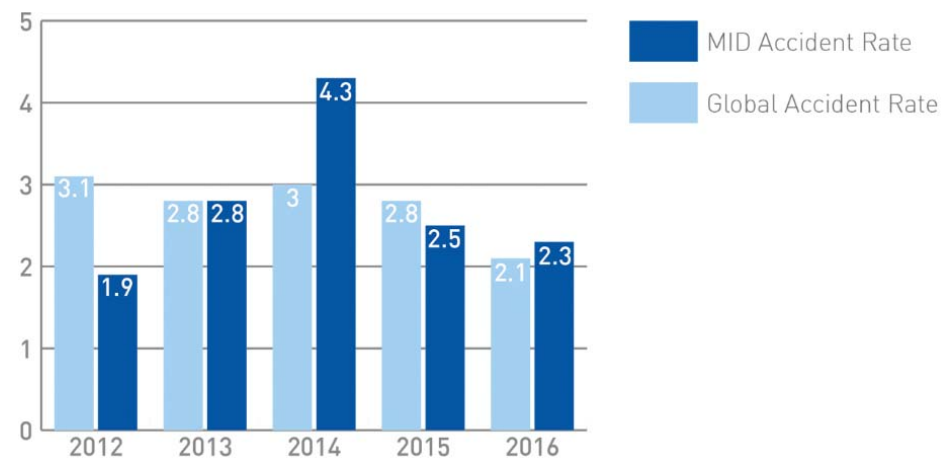
Number of accidents per million departures

### Safety Target

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

Average MID  
**2.76**

Average Global  
**2.76**



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



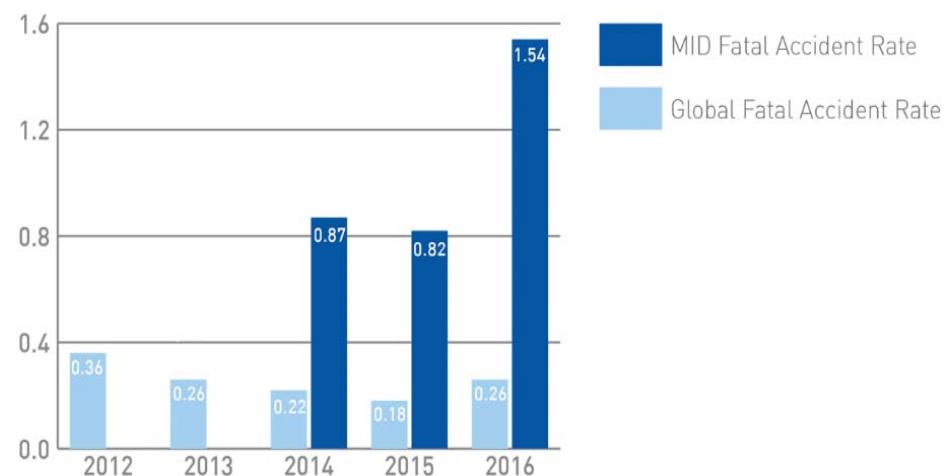
## Fatal Accidents

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

Average MID  
**0.64**

Average Global  
**0.26**



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



### 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 MID

**1.39**

Average Global

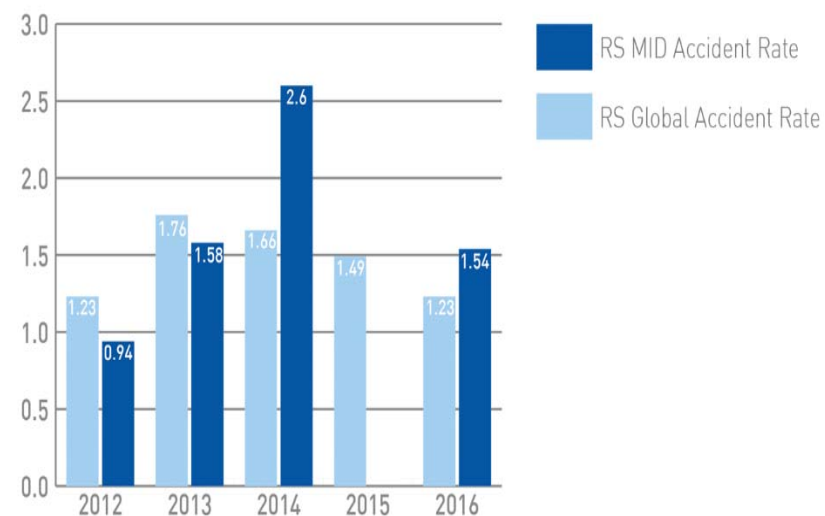
**1.48**

#### 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**



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



### Loss of Control In-flight (LOC-I)

#### Safety Indicator

Number of LOC-I related accidents per million departures

#### Safety Target

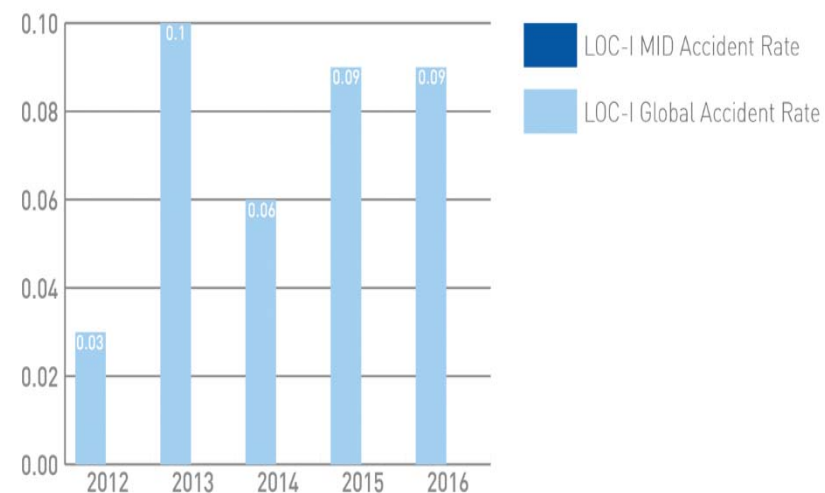
Reduce/Maintain the regional average rate of LOC-I related accidents to be below the global rate by 2016

Average MID

**0**

Average Global

**0.07**



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



## Controlled Flight Into Terrain (CFIT)

### Safety Indicator

Number of CFIT related accidents per million departures

### Safety Target

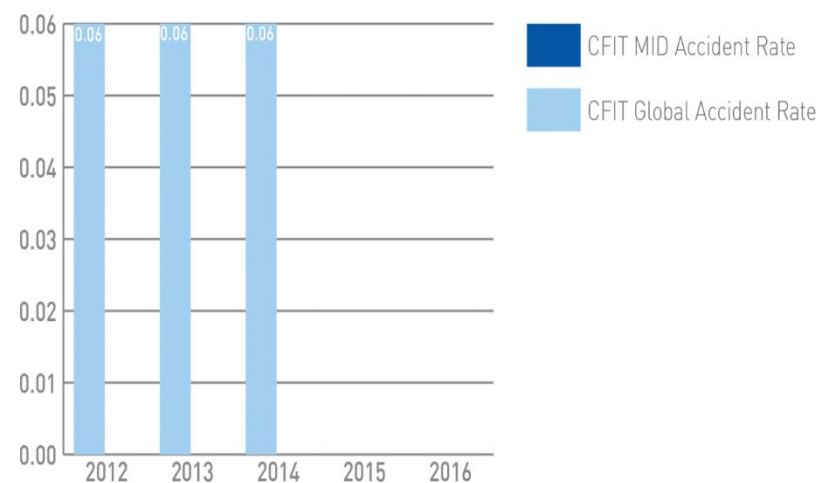
Reduce/Maintain the regional average rate of CFIT related accidents to be below the global rate by 2016

Average MID

0

Average Global

0.08



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





## USOAP-CMA

Safety Indicator - 1  
Regional average EI

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

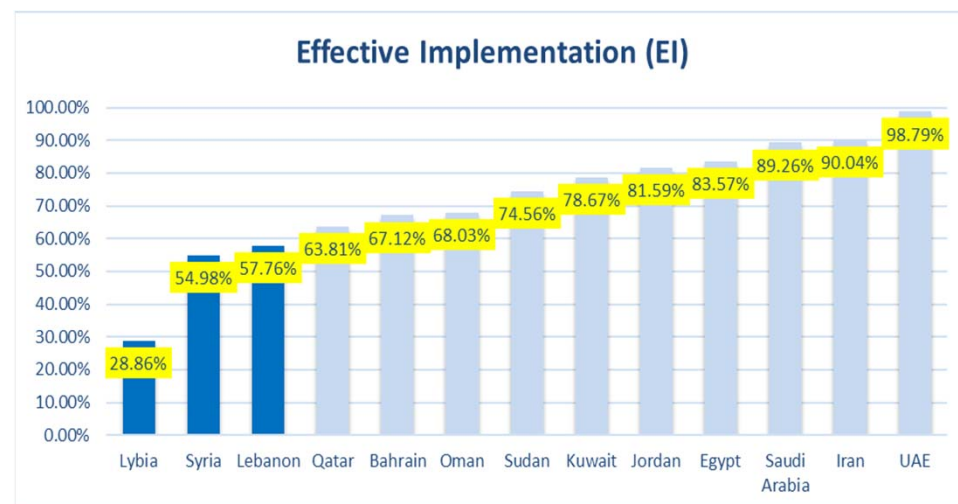
Regional Average EI  
**71.96%**

Global Average EI  
**65.68%**

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

**77% (10 States ) of the MID States have achieved the target of 60% EI**



Source: ICAO USOAP CMA On Line Framework (OLF), as of May 2018



## 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

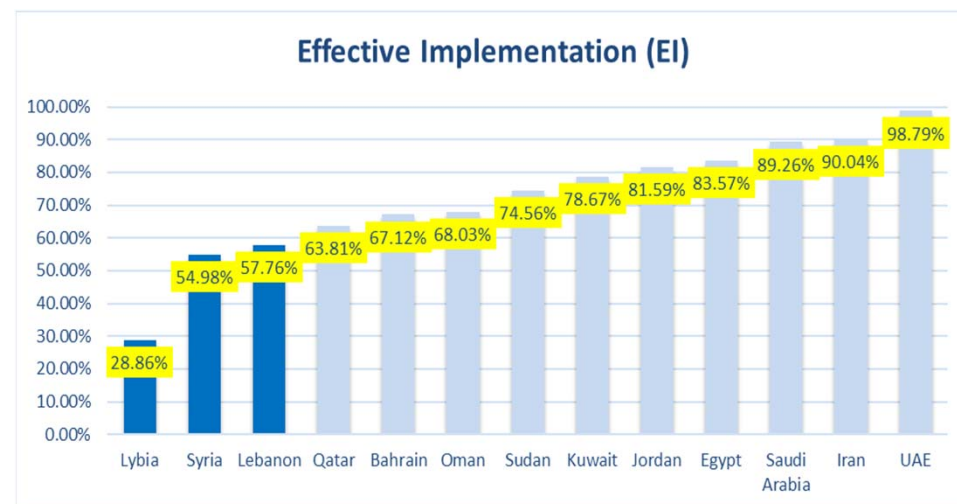
Number of Significant Safety Concerns (SSCs)

### 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



Source: ICAO USOAP CMA On Line Framework (OLF), as of May 2018



## Aerodrome Certification

Safety Indicator	Safety Target	Status
Number of certified international aerodrome as a percentage of all international aerodromes in the MID Region	50% of the international aerodromes certified by <b>2015</b> 75% of the international aerodromes certified by <b>2017</b>	<b>58%</b>

## Runway Safety Team (RST) at MID International Aerodromes

Safety Indicator	Safety Target	Status
Number of established Runway Safety Team (RST) at MID International Aerodromes	50% of the international aerodromes by <b>2020</b>	<b>56%</b>



## IATA Operational Safety Audit (IOSA)

Safety Indicator	Safety Target	Status
Use of the IATA Operational Safety Audit (IOSA), to complement safety oversight activities.	Maintain at least 60% of eligible MID airlines to be certified IATA-IOSA by 2015 at all times	<b>57%</b> <b>As of Sep 2017</b>
	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.	<b>4 out of 10 States</b> <b>(40%)</b>



## ECCAIRS

Safety Indicator	Safety Target	Status
Percentage of MID States that use ECCAIRS for the reporting of accidents and serious incidents	60% by <b>2018</b> 80% by <b>2020</b>	<b>27% already using ECCAIRS</b> <b>13% Planning to use ECCAIRS in 2017</b>



## 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 <b>2015</b>	10 States started 8 states completed
Number of MID States, that have developed an SSP implementation plan	10 MID States by <b>2015</b>	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 <b>2016</b>	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 <b>2017</b>	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 <b>2018</b>	(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 <b>2020</b>	none

10 States with EI above 60% EI



## Safety Management System (SMS) Implementation

Safety Indicator	Safety Target	Status
Number of MID States with EI>60% that have established a process for acceptance of individual service providers' SMS	30% of MID State with EI>60% by <b>2015</b>	75% (6 States)
	70% of MID States with EI>60% by <b>2016</b>	
	100% of MID States with EI>60% by <b>2017</b>	



## Fleet Age

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





## Next steps

Fourth MID Region Safety Summit & Safety Management Workshop

1-4 October 2018



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and Caribbean  
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South American  
(SAM) Office  
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THANK YOU