MID Safety Indicators and Targets

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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**

<table>
<thead>
<tr>
<th>Average MID</th>
<th>Average Global</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.67</td>
<td>2.64</td>
</tr>
</tbody>
</table>

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 2013-2017

Average MID 0.64
Average Global 0.44

Fatal Accident Rate
Scheduled Commercial above 5700 kg

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 2013-2017  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

<table>
<thead>
<tr>
<th>Average MID</th>
<th>Average Global</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0.08</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Average 2013-2017</th>
<th>Average MID</th>
<th>Average Global</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0.02</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Regional Average EI</th>
<th>Global Average EI</th>
</tr>
</thead>
<tbody>
<tr>
<td>75.15%</td>
<td>67.43%</td>
</tr>
</tbody>
</table>

**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

As of 14-04-2019
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 SSC in MID Region

No significant Safety Concern by 2016.
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%
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

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
60%

Status
4 out of 10
ECCAIRS

Safety Indicator - 1
Percentage of MID States that use ECCAIRS for the reporting of accidents and serious incidents

Status
27% already using ECCAIRS
13% Planning to use ECCAIRS in 2017

Safety Target 60% by 2018
Safety Target 80% by 2020
PREDICTIVE

SSP + SMS
the only possible path towards operational safety
<table>
<thead>
<tr>
<th>Safety Indicator</th>
<th>Safety Target</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of MID States, having completed the SSP gap analysis on iSTARS</td>
<td>10 MID States by 2015</td>
<td>14 States started 9 States completed</td>
</tr>
<tr>
<td>Number of MID States, that have developed an SSP implementation plan</td>
<td>10 MID States by 2015</td>
<td>7 States</td>
</tr>
<tr>
<td>Number of MID States with EI&gt;60%, having completed implementation of SSP Phase 1</td>
<td>All MID States with EI&gt;60% to complete phase 1 by 2016</td>
<td>3 States (4 States-partially)</td>
</tr>
<tr>
<td>Number of MID States with EI&gt;60%, having completed implementation of SSP Phase 2</td>
<td>All MID States with EI&gt;60% to complete phase 2 by 2017</td>
<td>1 State (6 States-partially)</td>
</tr>
<tr>
<td>Number of MID States with EI&gt;60%, having completed implementation of SSP Phase 3</td>
<td>All MID States with EI&gt;60% to complete phase 3 by 2018</td>
<td>(7 States-partially)</td>
</tr>
<tr>
<td>Number of MID States with EI&gt;60%, having completed implementation of SSP</td>
<td>All MID States with EI&gt;60% to complete SSP implementation by 2020</td>
<td>none</td>
</tr>
</tbody>
</table>
Safety Management System (SMS) Implementation

Safety Indicator
Number of MID States with El>60% that have established a process for acceptance of individual service providers’ SMS

Safety Target - 1
30% of MID State with El>60% by 2015

Safety Target - 2
70% of MID States with El>60% by 2016

Safety Target - 3
100% of MID States with El>60% by 2017

Status
75%
(6 States)
## Fleet Age

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