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SCAA DG
SUDAN NCMC

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المدير العام
المنسق الوطني للرصد المستمر



SUDAN SSP PROGRESS

SEPTEMBER 2017



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- **OUTLINES:-**

- INTRODUCTION
- SSP FOUNDATION.
- SSP IMPLEMENTATION.
- SAFETY MARGINS.



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INTRODUCTION



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SSP FOUNDATION



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S Gaafar, M



SSP Foundation

Status of SSP prerequisite protocol questions

This application displays a **sub-set** of 316 Protocol Questions (PQs) out of the 1,099 PQs (of 2014) used to calculate the USOAP Effective Implementation (EI). This sub-set of questions are considered as the prerequisites and foundation for a sustainable State Safety Programme (SSP) implementation. A SSP Foundation indicator is calculated, as the percentage of PQs which are either validated by USOAP or reported as completed through the corrective action plans(CAP) on the CMA Online Framework.

This **sub-set** of PQs aims to assist the States to build a **solid safety oversight foundation** for the implementation of SSP and identify the real gap. The SSP prerequisites are grouped by 19 subjects based on the Annex 19 amendment 1 and the 4th edition of the *Safety Management Manual* (forthcoming). States with EI above 60% may still have PQs to address which are fundamental for their SSP. These PQs can be prioritized and addressed when conducting the SSP Gap Analysis or while defining the SSP implementation/action plan.

Select a State

Select a Region or Group

[Send PDF copy to my email](#)

SSP Foundation Report

Sudan in MID group

Generated 2017-08-16T06:47:03.456Z

Current Status

Overall SSP Foundation

Sudan versus MID



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SSP Foundation Report

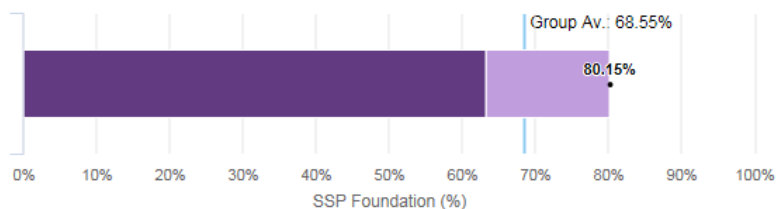
Sudan in MID group group

Generated 2017-09-11T06:26:49.437Z

Current Status

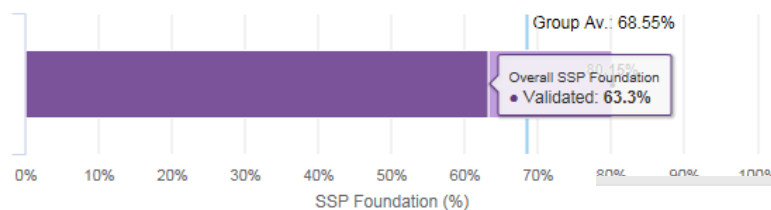
Overall SSP Foundation

Sudan versus MID group



Overall SSP Foundation

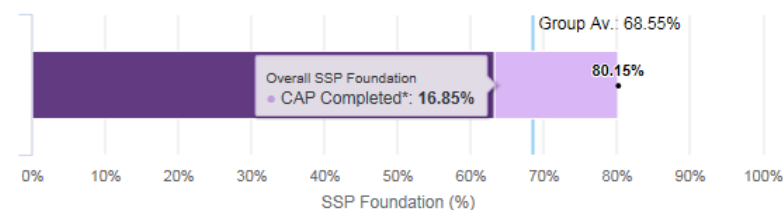
Sudan versus MID group



● CAP Completed* ● Validated ● Overall

Overall SSP Foundation

Sudan versus MID group



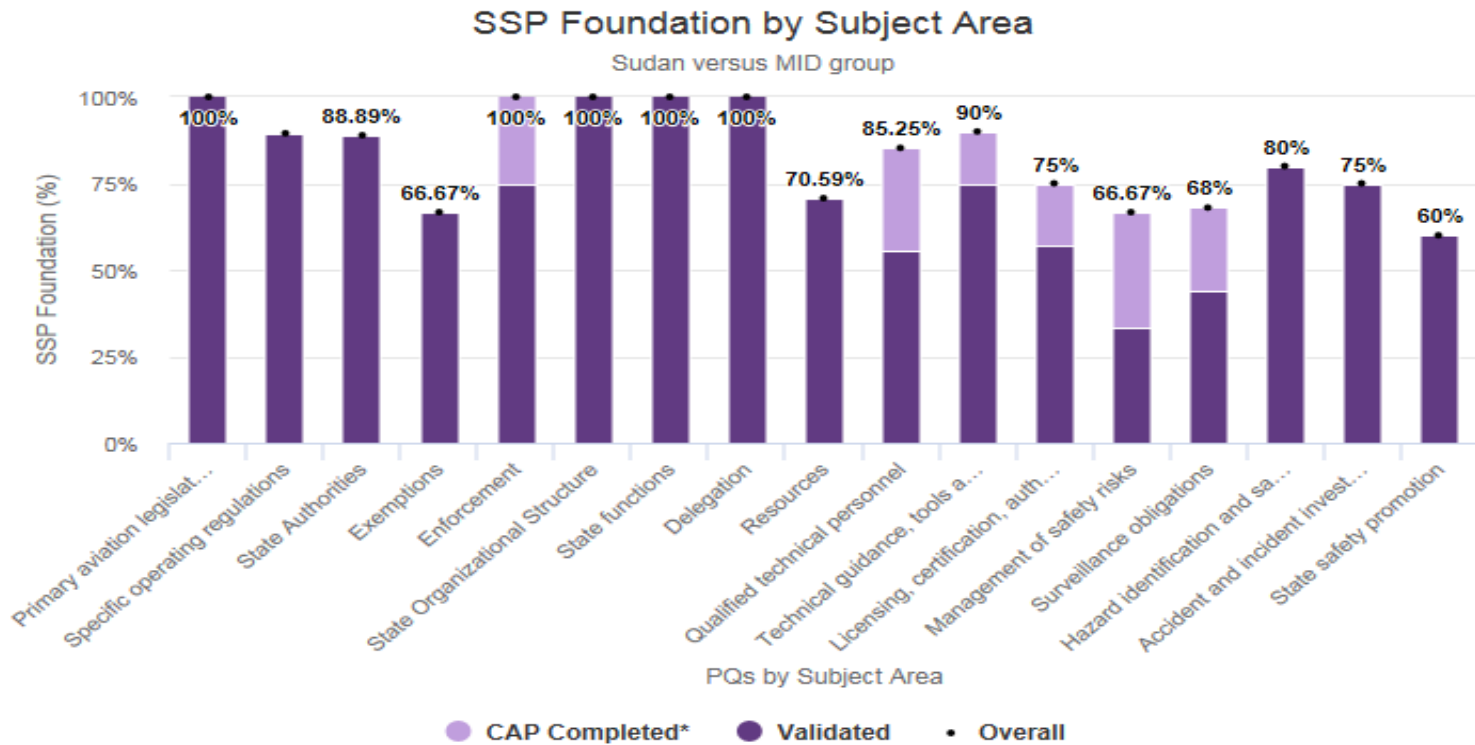


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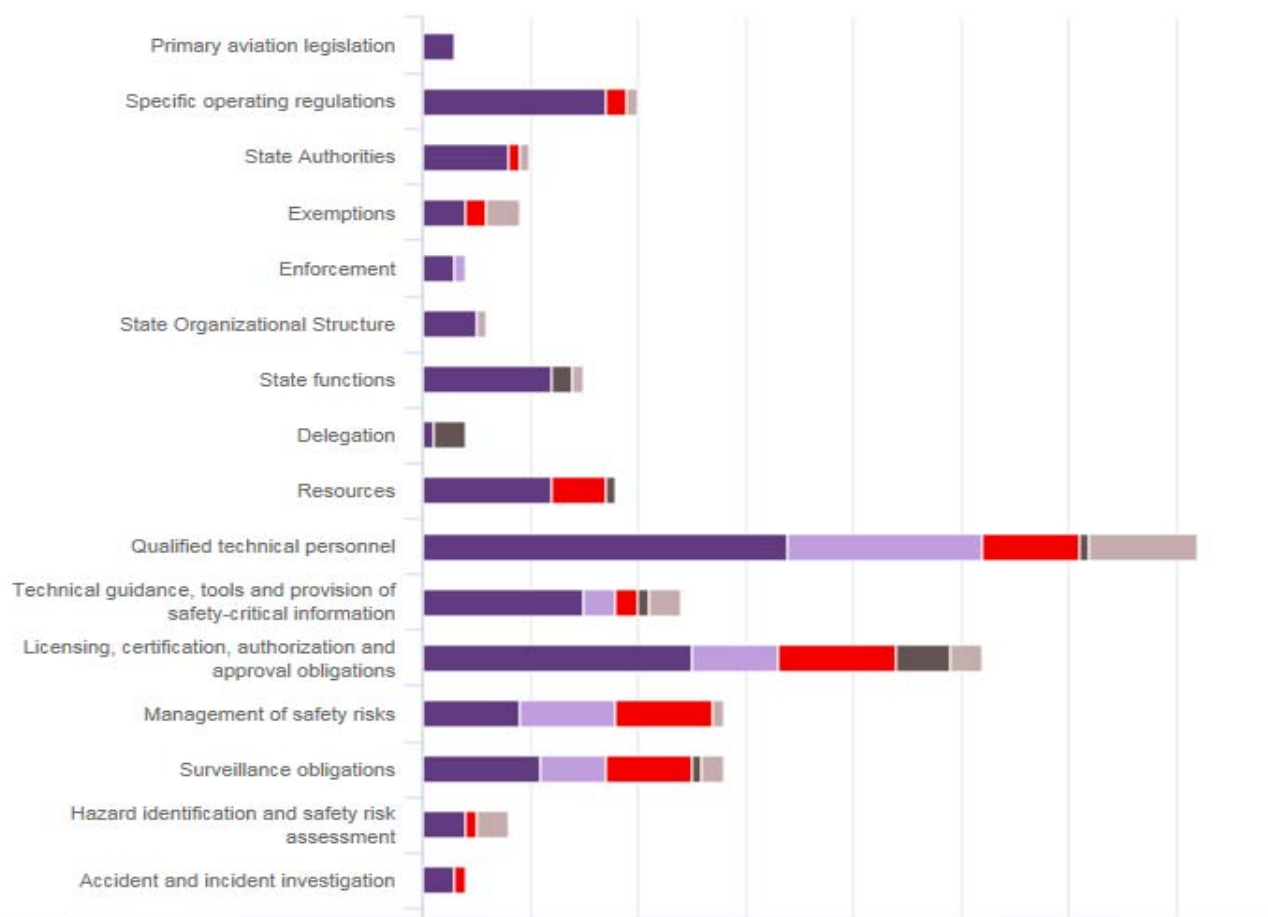
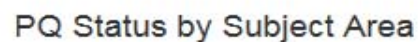
● CAP Completed* ● Validated ● Overall



*CAP completed are corrective action plans as reported by the State using the USOAP CMA Online Framework.



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Group Status

Show Overall ☐ Sorted Ascending ☐

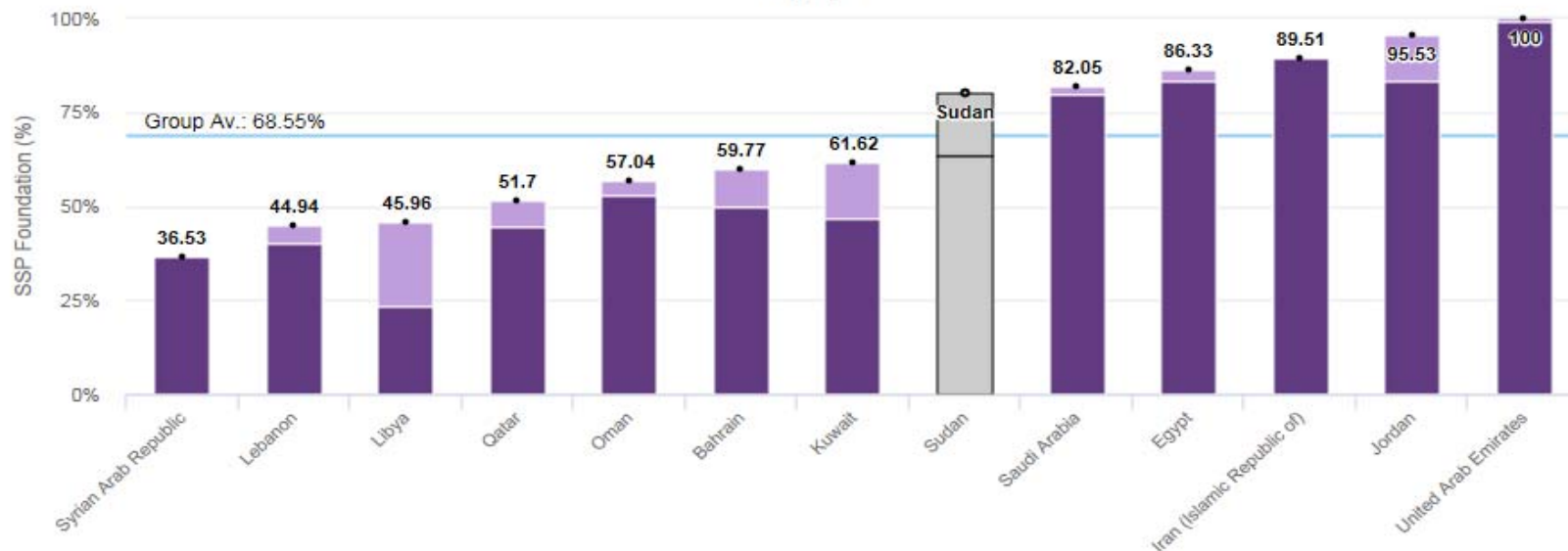
Show State names ☒

Show values ☒

Show State on chart ☒

Overall SSP Foundation by State

MID group





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SSP Implementation



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SUDAN (SDN) - NCMC (by Elmahi Hussein)

Questionnaire

Result

SSP Statistics

SSP GAP Analysis

SUDAN (SDN) - NCMC (by Elmahi Hussein)



Not reviewed Action undefined or not started Action in progress Implemented



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SUDAN (SDN) - NCMC (by Elmahi Hussein)

Questionnaire Result SSP Statistics

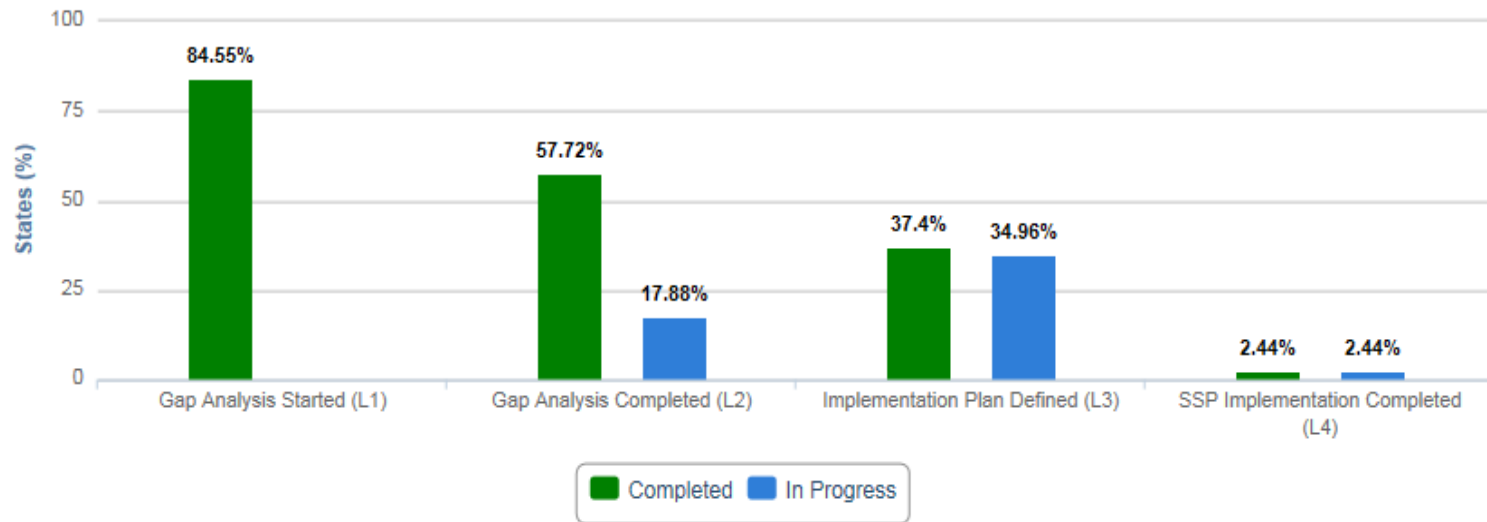
Select Group **WORLD - ICAO Member States**

View group composition

Consider only State's with USOAP EI above: **60%**

SSP Implementation Progress

WORLD - ICAO Member States, limited to States with EI >= 60%



Code State Name Progress Level (Up %)

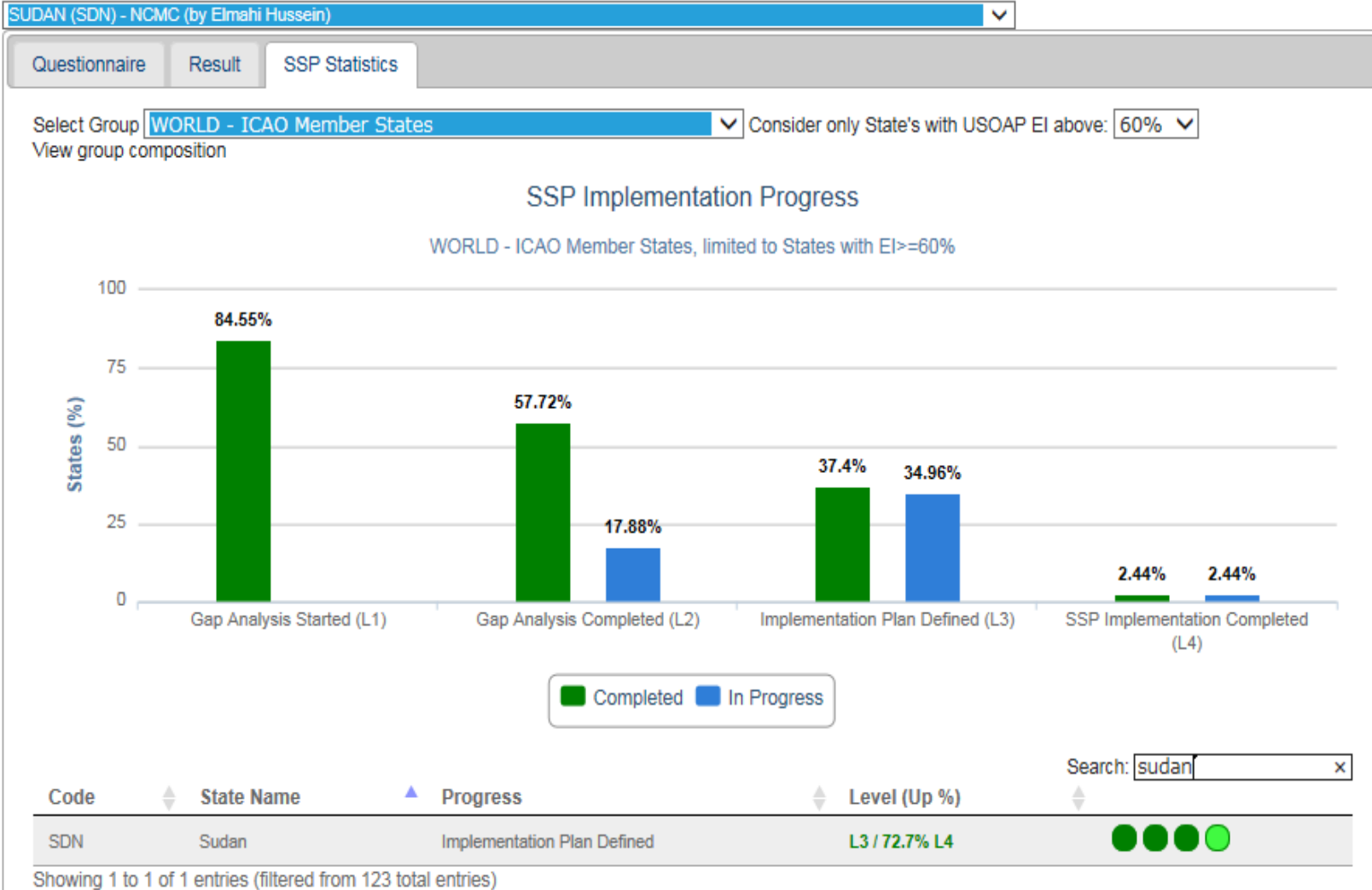
SDN Sudan Implementation Plan Defined L3 / 72.7% L4

Showing 1 to 1 of 1 entries (filtered from 123 total entries)



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State Safety Programme (SSP) Implementation

Implementation of the State Safety Programme (SSP) is included in the priorities of the Global Aviation Safety Plan, in particular for States with an EI above 60%. ICAO tracks the implementation of SSPs via the SSP Gap Analysis tool on iSTARS. States are invited to use this tool to perform their GAP analysis, define action plans and benchmark their progress.

ICAO measures SSP implementation in levels as follows:

Level 0: States not having started a GAP analysis

Level 1: States having started a GAP analysis

Level 2: States having reviewed all the GAP analysis questions

Level 3: States having defined an action plan for all non implemented questions

Level 4: States having closed all actions and fully implemented their SSPs



Sudan is at level 3.



The data used to evaluate those levels is self-reported by the State and not validated by ICAO.



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States above 60% EI

76.92%

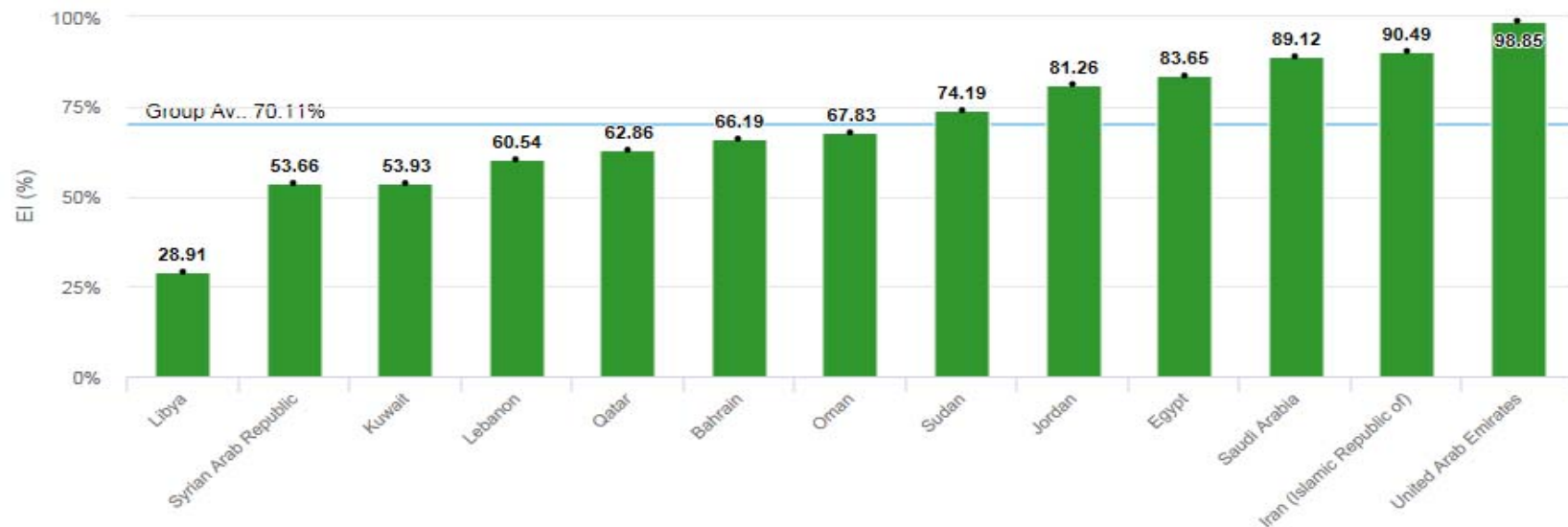
Show Overall ☐ EI sorted Ascending ☐

Show State names ☒

Show values ☒

Overall EI by State

MID group



CMA Audits

Validation Activities



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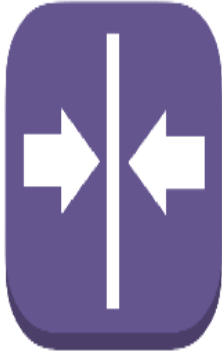


SAFETY MARGENS



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Safety Margins

Risk-based prioritization for operations, air navigation and support functions

The below application allows to perform a risk-based prioritizes of operational, air navigation and support related USOAP areas.

In each of the 3 functional areas, a State is given a target effective implementation score which is calculated based on a global linear regression of traffic versus effective implementation of all ICAO Member States. A State with a positive safety margin would be considered to have sufficient regulatory controls in place to cover its existing traffic volume. A State with a negative safety margin would be considered to have an insufficient oversight system taking into consideration its traffic volume.

The operational safety margins are calculated taking into consideration only flights performed by carriers from the State, whereas the other margins are calculated using all departures from the State.

Safety margins are best used in conjunction with the [Solution Center](#) which provides solutions for the various USOAP areas.



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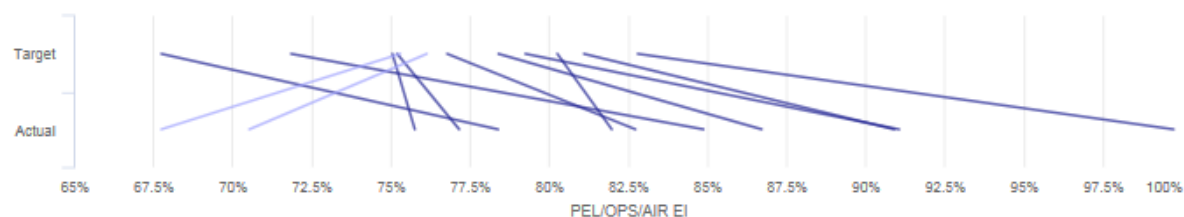


Select a Region or Group **MID Region**

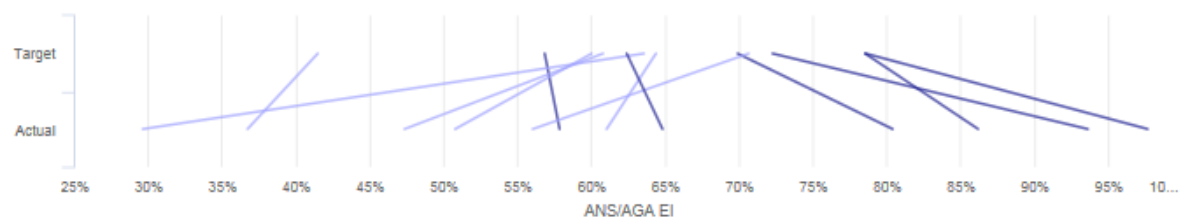
Show States with Margin **Any**

Show State Names ☐

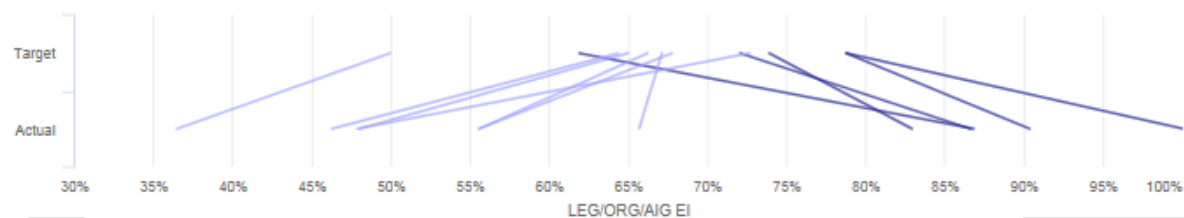
Margins in Operations



Margins in Air Navigation



Margins in Support Functions



Show **10** entries

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State	Departures	Flag-carrier Flights	Operations		Air Navigation		Support	
			EI (%)	Margin (%)	EI (%)	Margin (%)	EI (%)	Margin (%)
Bahrain	42755	51726	70.5	-5.61	64.76	2.43	55.53	-10.63
Egypt	109532	108711	86.69	8.32	80.34	10.5	86.55	14.54
Iran (Islamic Republic of)	147256	143711	91.03	11.81	93.55	21.35	82.87	9.02
Jordan	34987	39134	67.72	-7.55	47.29	-13.44	47.96	-16.96
Kuwait	49445	35949	75.73	0.71	29.57	-33.93	65.62	-1.45
Lebanon	31711	37925	77.13	1.96	50.71	-9.25	46.22	-18.1
Oman	54730	63757	82.7	-5.95	60.97	-3.34	55.5	-12.2
Qatar	120312	201376	81.95	1.72	55.97	-14.62	47.81	-24.78
Saudi Arabia	322661	264932	90.87	9.8	86.12	7.65	90.3	11.59
Sudan	21323	12536	84.85	13.03	57.79	1.01	86.77	24.92

Showing 1 to 10 of 12 entries (filtered from 185 total entries)

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State	Departures	Flag-carrier Flights	Operations		Air Navigation		Support	
			EI (%)	Margin (%)	EI (%)	Margin (%)	EI (%)	Margin (%)
Syrian Arab Republic	3110	3249	78.36	10.64	36.66	-4.76	36.43	-13.46
United Arab Emirates	324062	465273	99.7	16.93	97.6	19.1	100	21.26

Showing 11 to 12 of 12 entries (filtered from 185 total entries)

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THANK YOU