

SAFE SKIES.
SUSTAINABLE
FUTURE.



Behzad Taghipour

**Associate Aviation Officer** 

Air Transport Bureau, ICAO

**ICAO Big Data Dashboards** 



## Setting the Scene

# Tableau Dashboards to monitor State of Industry and COVID-19 related economic and operational impacts

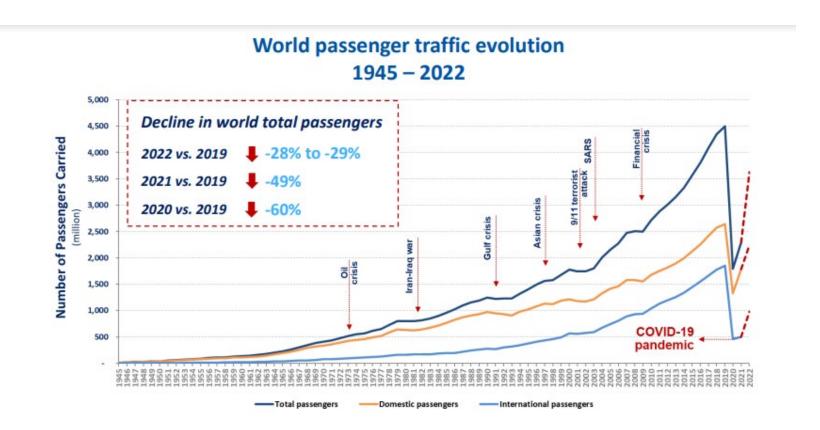




## Covid-19 Pandemic impact on civil aviation











These dashboards cover impact of the pandemic on different aspects of civil aviation and help monitor the State of the Industry and COVID-19 pandemic related economic and operational impacts.

- Member States have been provided with one free license to access the dashboards
- Instructions to nominate focal points in State letter 2022/67
- Presented in the 11<sup>th</sup> session of statistics division in spring of 2022
- Presented to council in June 2022
- Training sessions for regional offices and states

#### **Aircraft Utilization**

-Active fleet analysis by aircraft type

#### **Operational Impact Analysis**

-Airport Traffic -Capacity Indicators -Fir Traffic -Passenger Evolution and Trends - Cancellation

#### **Economic Impact**

-Economic impact on Airports, ANSPs and Airlines



### ICAO BUSINESS INTELLIGENCE DASHBOARDS



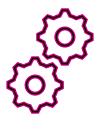
#### **FUNCTION**

- Operations and economic impact tracker
- Interactive visualization
- Data download by parameters
- Scalable



#### **RESULT**

- Informed planning and implementation
- Data-driven decision-making
- ICAO cooperation with external stakeholders



#### **UPDATES**

- Weekly updates
- Integration of States' feedback
- Machine learning algorithms to continuously improve future forecasts and estimates



All States - as well as Council Members and delegates – have a free license to access ICAO dashboards Email: cads@icao.int

## Thank You

ICAO Headquarters Montréal European and North Atlantic (EUR/NAT) Office Paris

> Middle East (MID) Office Cairo

Western and Central African (WACAF) Office Dakar

> Asia and Pacific (APAC) Office Bangkok

**Asia and Pacific** 

Beijing

(APAC) Sub-office

Central American and Caribbean (NACC) Office Mexico City

North American

South American (SAM) Office Eastern and Southern African (ESAF) Office Nairobi