



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

RECONNECTING **THE** WORLD

Aviation Data Analysis Workshop (AVDATA)

ICAO Statistics Programme Session 1

Introduction to ICAO Statistics Programme

ICAO Statistics Programme

Background



- The need for complete and reliable aviation statistics was foreseen by the framers of the Convention on International Civil Aviation and the obligation to file statistical information with ICAO is set out in **Article 67**:

“Each contracting State undertakes that its international airlines shall, in accordance with requirements laid down by the Council, file with the Council traffic reports, cost statistics and financial statements showing among other things all receipts and the sources thereof”.

- Articles 54 and 55, which outline the functions of the Council of ICAO, also make several references to the collection and dissemination of information
- Economic and Statistical Committee for the task of preparing statistical reporting forms. The Committee duly prepared reporting forms covering traffic, origin and destination, fleet, personnel and financial statistics and these forms were introduced in 1946.
- Article XIII of the agreement signed between ICAO and the UN in 1948 recognizes ICAO:

“... as the central agency responsible for the collection, analysis, publication, standardisation, improvement and dissemination of statistics within its special sphere...”.

ICAO Statistics Programme

Principles governing international statistical activities (UNO)

High quality Statistics and accessible for all

Impartial & strictly based on highest professional standards

Public informed about mandate for Statistics work

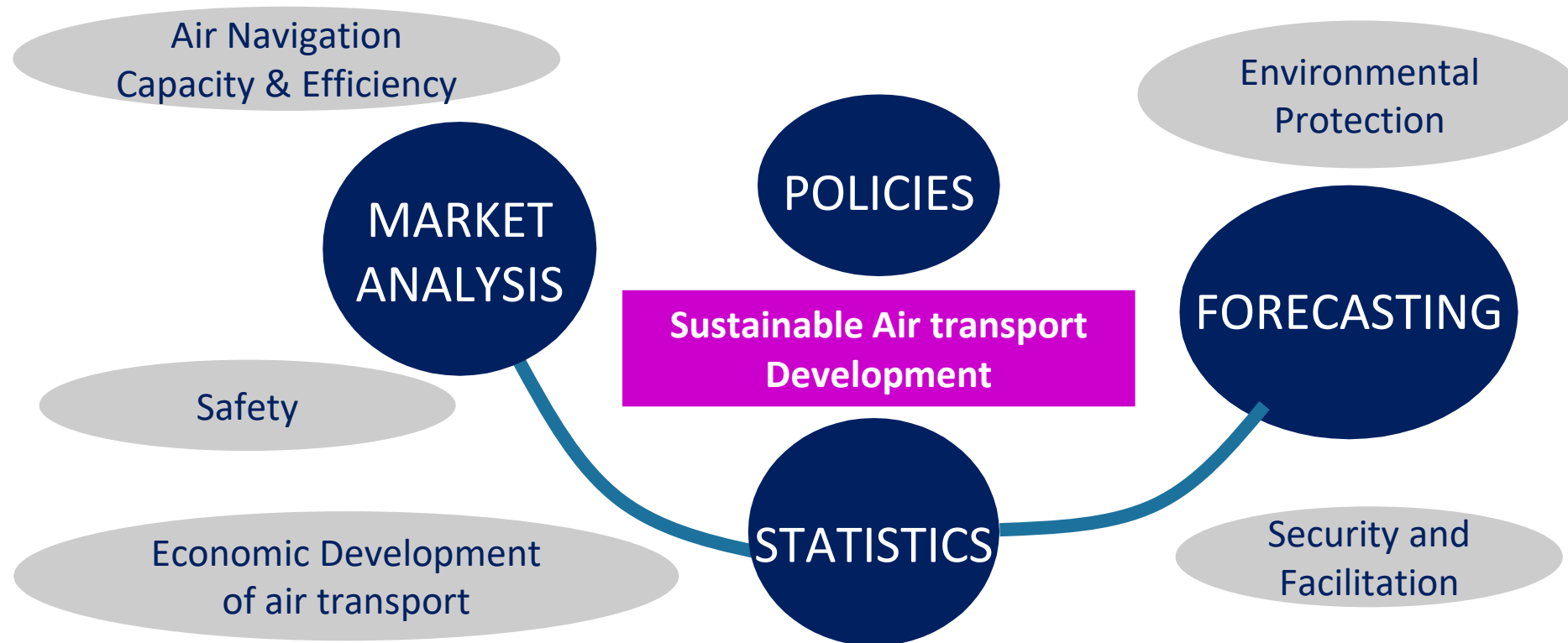
Concepts, definitions, classifications, sources, methods and procedures, transparent for users

Use of appropriate and cost-effective sources & methods for data collection

Confidentiality rules strictly kept and data used for Statistical purposes only

The statistics programme: an essential tool for ICAO's activities

- Economic analysis activities, forecasting and environmental protection.



ICAO : an independent and reliable source of information on civil aviation matters

The statistics programme: an essential tool for ICAO's activities

- Why do we need statistics?

Report to ICAO Council through the Appendix tables of the Annual Report of the Council

https://www.icao.int/annual-report-2021/Documents/ARC_2021_Air%20Transport%20Statistics_final_sched.pdf

Monitor ICAO Strategic Objectives

- Air travel safety rates
- The environmental impact on air transport (fuel efficiency)
- The sustainable air transport development (traffic growth, financial situation, etc..)

Analyze the air transport market and forecasting

Assess the impact of new regulations and negotiate bilateral agreements

Plan the development of airport and ANS facilities

Implement future strategies

****Calculate the individual financial contribution of States**



Aviation data Analysis Panel (ADAP Panel)

Aviation data Analysis Panel: is a group of statistical experts whose primary function is to give the Secretariat impartial advice on technical problems. The Panel currently consists of 15 experts who are recommended by their countries and approved by the Air Transport Committee. The Panel meets as needed and, more specifically, in advance of a Divisional meeting. Concerned international organizations are invited to send observers to meetings of these two advisory bodies.

The Aviation Data and Analysis Panel (ADAP) undertakes the following tasks to assist the Secretariat in work required in the areas of statistics and aviation data:

- review the Statistics Programme and propose changes with a view to meeting more effectively the needs of the Organization, Member States, and other users;
- improve the uniformity of the format and content of ICAO statistics and related analysis, as well as the timeliness and completeness of reporting by Member States;
- create, host, and manage a platform where the aviation community can share and promote its data and electronic tools;

Statistics Division Meeting

The primary function of these Divisional meetings is to review the ICAO Statistics Programme and to suggest how the programme can be changed or improved to make it more useful and efficient for States and for ICAO. The Division reports to the Air Transport Committee.

The Eleventh Session of the Statistics Division (STA/11) from 4 to 8 April 2022 in a virtual setting. The meeting was attended by 185 members and observers nominated by 72 Member States and 9 international organizations, as well as by advisers and others.

The statistics programme: an essential tool for ICAO's activities

Assistance to Member States

Statistical workshops are conducted by ICAO in the regions of the world, and they constitute a continuous, systematic effort to improve the quality of aviation statistics submitted to ICAO.

These informal workshops, usually held once per year, and or requested by the Member State, provide those responsible in administrations, airlines and airports for the preparation of statistics for ICAO, an opportunity to work out solutions to practical problems through pooling of experience and ideas.



ICAO statistics programme structure.

<i>Subject category</i>	<i>ATR</i>	<i>Periodicity</i>	<i>For whom</i>	<i>What</i>	<i>When (due date)²</i>
Commercial air carriers					
Commercial air carrier traffic	A	Monthly	Individual commercial air carriers	Measures aircraft operations and passenger, freight and mail traffic by type and nature of service	One month, but no later than 2
	A-S	Annual	Total for all commercial air carriers of a State		6 months
On flight Origin and Destination	B	Quarterly	Individual commercial air carriers	Passenger, freight and mail carried between international city-pairs on scheduled or non-scheduled services	2 months
Traffic by Flight Stage	C	Annual	Individual commercial air carriers	Traffic (passenger, freight and mail) on-board each aircraft between a take-off and the next landing when performing international scheduled services	2 months
Fleet and Personnel	D	Annual	Individual commercial air carriers	Part I: Number, capacity and utilization of aircraft by type	4 months
		Annual (calendar or fiscal)		Part II: Number and expenditure for personnel by category	4 months
Financial data	EF	Annual (calendar or fiscal)	Individual commercial air carriers	Profit and loss, balance sheet, retained earnings and summary of traffic and capacity	Preliminary: 4 months Final: 6 months

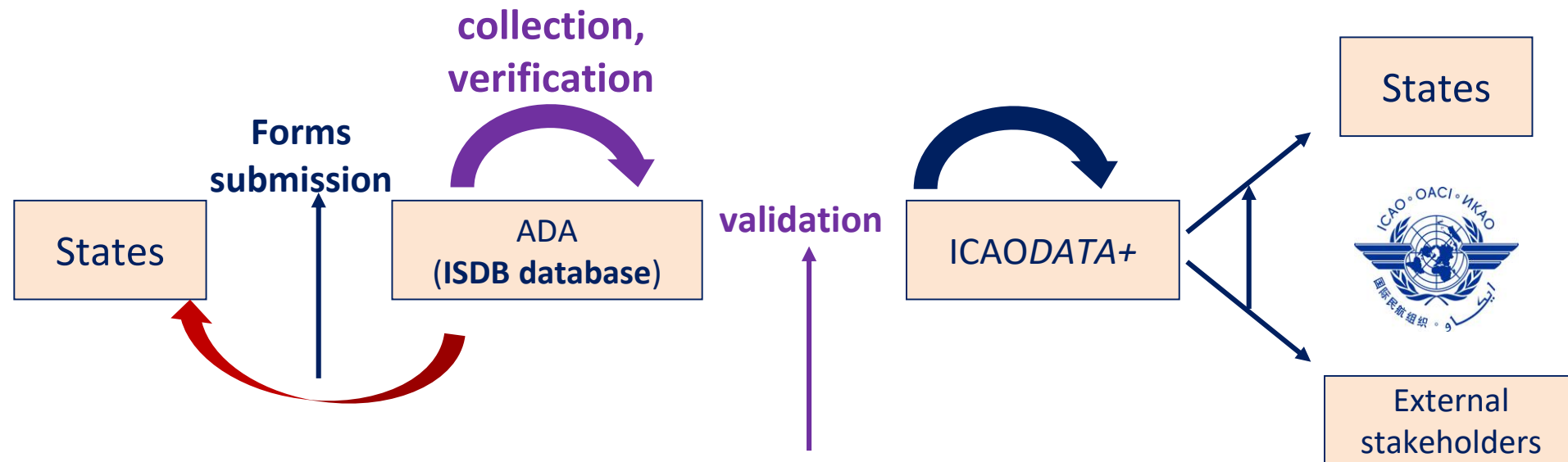
Electronic filing

- Electronic submission should be to:
StatisticInboxBackup@icao.int
- The filling instructions and excel templates may be found at the following ICAO website:
<http://www.icao.int/staforms> available at the six official ICAO languages.

***** please avoid to submit the ATRs in pdf formating and filling by hand.***



Statistics Collection and Dissemination





Thank You