



| ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

CAPSCA developments, activities and
capacity building

Bangkok
June 2025



The collage features the following logos:

- ICAO + OACI + ICAO**: International Civil Aviation Organization logo at the top center.
- WHO**: World Health Organization logo at the top center.
- IATA**: International Air Transport Association logo at the top right.
- IFALPA**: The Global Voice of Pilots logo at the top right.
- UNWTO**: World Tourism Organization logo at the middle right.
- OCHA**: Office for the Coordination of Humanitarian Affairs logo at the middle right.
- WFP**: World Food Programme logo at the middle right.
- IAEA**: International Atomic Energy Agency logo at the middle left.
- WHO**: World Health Organization logo at the middle left.
- FAO**: Food and Agriculture Organization logo at the middle left.
- CDC**: Centers for Disease Control and Prevention logo at the middle left.
- UNDP**: United Nations Development Programme logo at the middle left.
- ACI**: Airports Council International logo at the top left.
- UN**: United Nations logo at the top left.
- FLIGHT SAFETY FOUNDATION**: Logo at the bottom left.
- DFW**: DUTY FREE WORLD COUNCIL logo at the bottom left.
- IBAC**: International Business Aviation Council logo at the bottom right.
- MedAire**: An International SOS Company logo at the bottom right.
- ICAO**: International Civil Aviation Organization logo at the bottom center.
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Aviation, public health, medical specialties, economy, tourism, etc.



UN organization, States, Industry organizations, independent experts

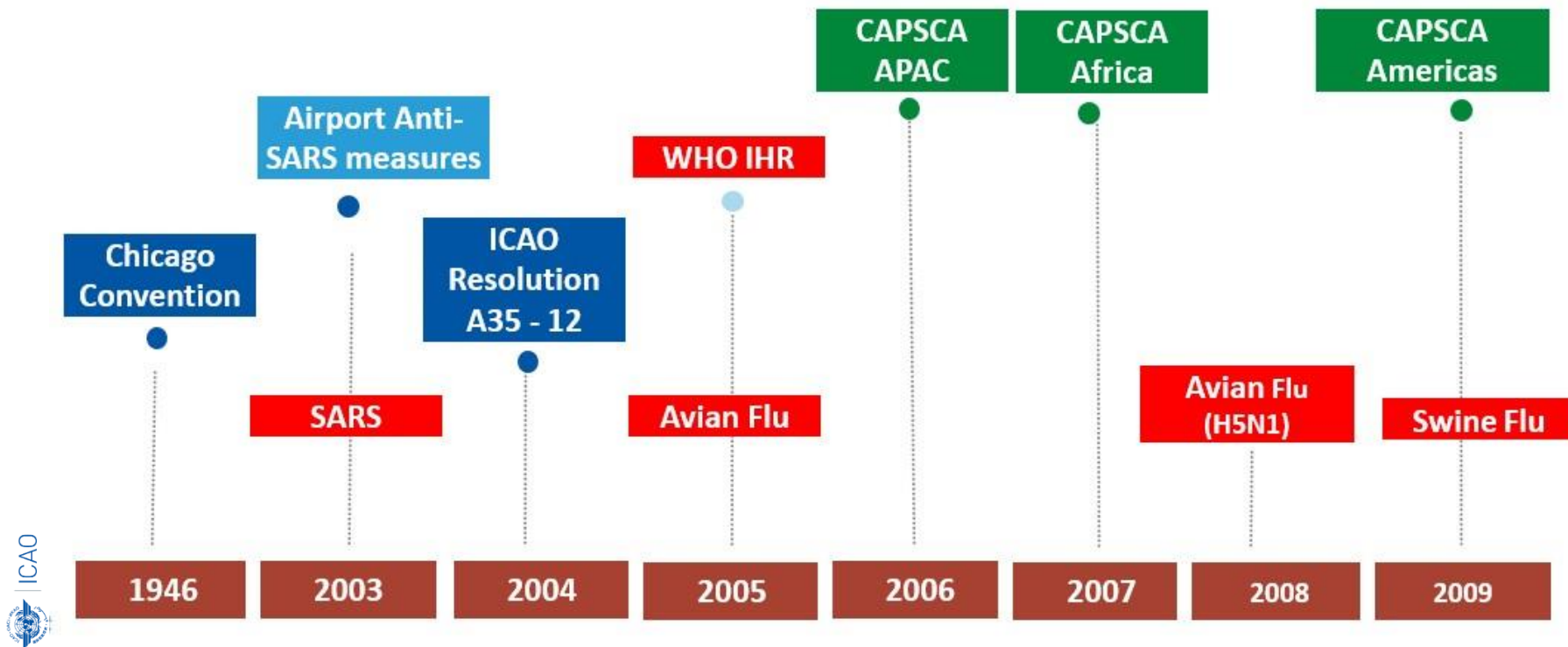


International, regional, national,
local

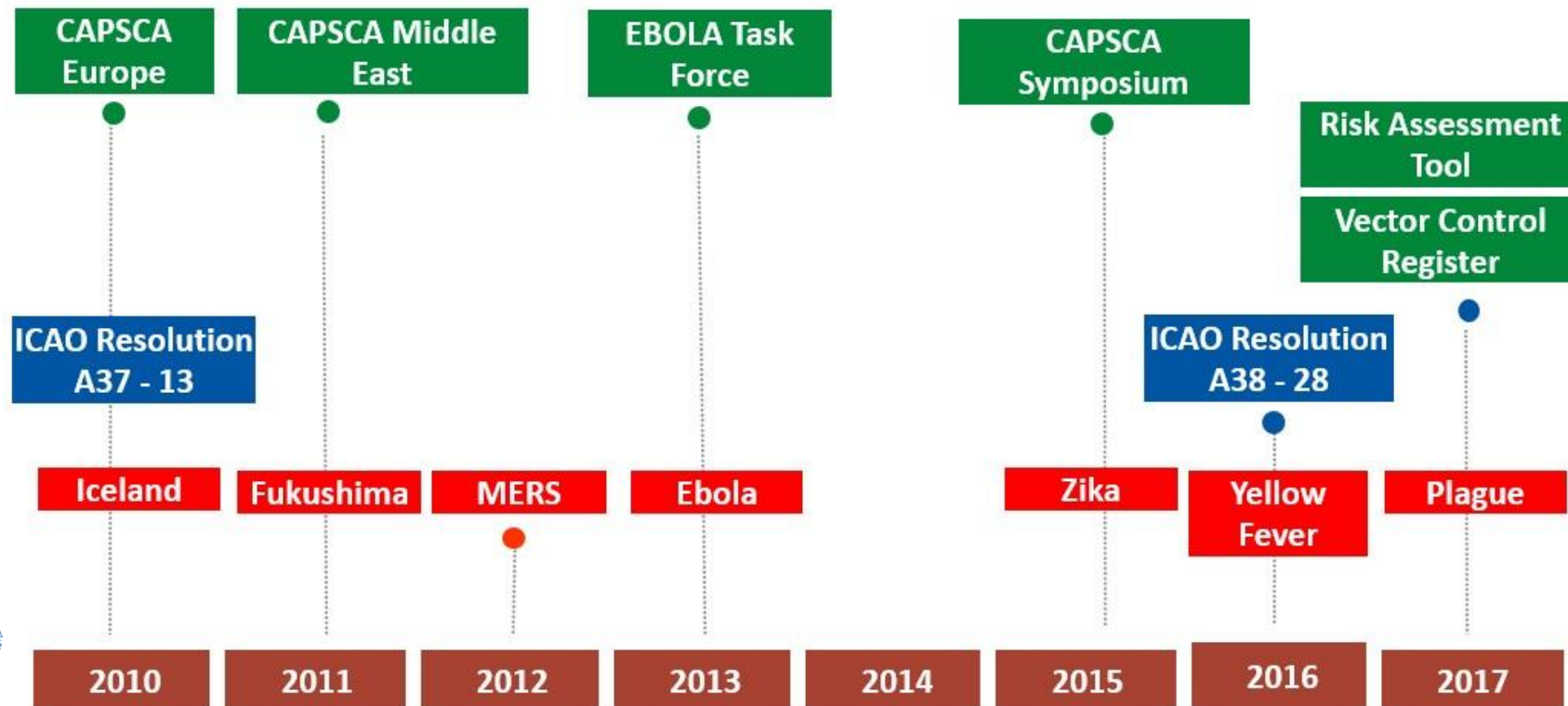


Evidence-informed, science-based,
risk-based, practical in the
aviation environment

CAPSCA and PHE (2006 to 2009)



CAPSCA and PHE (2010 to 2017)



2018	2019	2020	2021	2022	2023	2024	2025
Inf. Disease App							
Ebola	Ebola	Ebola	Ebola	Ebola	Ebola	COVID-19	?
	Measles COVID-19	COVID-19	COVID-19	M-POX COVID-19	M-POX COVID-19	Measles COVID-19	
		CART	CART				ICAO A42
				ICAO Resolutions A41 – 12, 13, 17			
	ICAO Resolution A40 - 14		HLCC			CAPSCA Manual	Crisis preparedness
	COVID Manual 1 st , 2 nd ed		Manual 3 rd			Update Manual	PANS-Health
		PHC	PHC	PHC		Implementation	Health Plan
	CAPSCA Training						
				CAPSCA Global Symposium		CAPSCA Working Groups	

ICAO strategies for Public Health Management in Aviation

Capacities and implementation

Leverage existing mechanisms
 Training, implementation support
 Monitor and evaluate

Science and Innovation

Risk-based, evidence-informed
 Agile, flexible, rapid response
 Digital solutions

Institutionalize lessons learned

- Strengthened partnerships
- Crisis framework: Priority Focus Area
- No country left behind

Enhanced collaboration

- Multi-sector, multi-level, multi-hazard
- Routine: harmonization focus
- Emergency: preparedness & response



Alignment with other United Nations organizations

Crisis Response policy and Disaster Risk Reduction Strategy (all types of risk)

Sendai framework (HADRA, other risks)

PHE (CART – MPSG - CAPSCA)

Standards and
Regulations
(SARPs and IHR)

Implementation
(Aviation Health
Management Plan)

Implementation
(PANS – Health and
digitized platform)

Public Health Provisions in Aviation

Chicago Convention	SARPs and PANS		Global and Regional Events
Article 14 Prevention disease spread	Annex 6 Aircraft Operations	Annex 14 Aerodromes	ICAO Assemblies, High-Level Conferences, Technical meetings
Article 13 Entry and clearance	Annex 9 Facilitation	Annex 15 Aeronautical Information Services	HLCC High Level Covid-19 Conference
Article 22 Facilitation of formalities	Annex 11 Air Traffic Services	PANS-ATM Air traffic Management	CART Council Aviation Recovery Taskforce
	Annex 18 Dangerous Goods		Office of Internal Oversight report

Assembly Resolution 40-14 (2019)

Mitigation of the spread of disease through aircraft disinsection and vector control

States:

- Become members of CAPSCA;
- Become involved in CAPSCA and other related programmes
- Support ICAO and WHO in implementing this Resolution by considering the recommendations in ICAO, WHO and CAPSCA publications and guidance material;

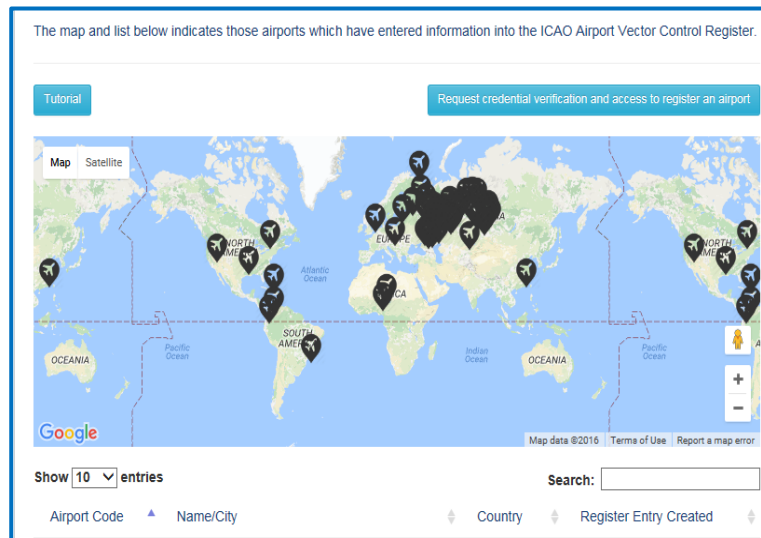
Assembly Resolution 40-14 (2019)

Mitigation of the spread of disease through aircraft disinsection and vector control

- require pest management control programmes around airports and related facilities, which would mitigate the need to impose aircraft disinsection requirements;
- encourage airport reporting to the ICAO Airport Vector Control Registry and to keep the information current.

CAPSCA
Working
group

Airport Vector Control Register



Risk based Tool

Vector:	<input type="text" value="Please select..."/>	Month:	<input type="text" value="Please select..."/>	Region:	<input type="text" value="Please select..."/>
Departure Airport:	<input type="text" value="Please select..."/>	Arrival Airport:	<input type="text" value="Please select..."/>	Airline:	<input type="text" value="Please select..."/>
<input type="button" value="Submit"/>					

Aircraft and passenger tracking

Select a State or Territory

China

Select a reference week

2019-11-04

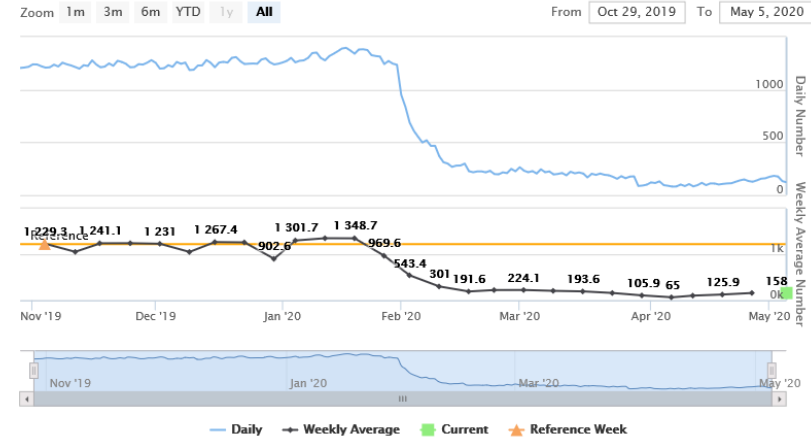
Major air traffic originating from Wuhan Tianhe International Airport in 2018



Departures

(2019-10-29 -- 2020-05-05)

Number of International Departures



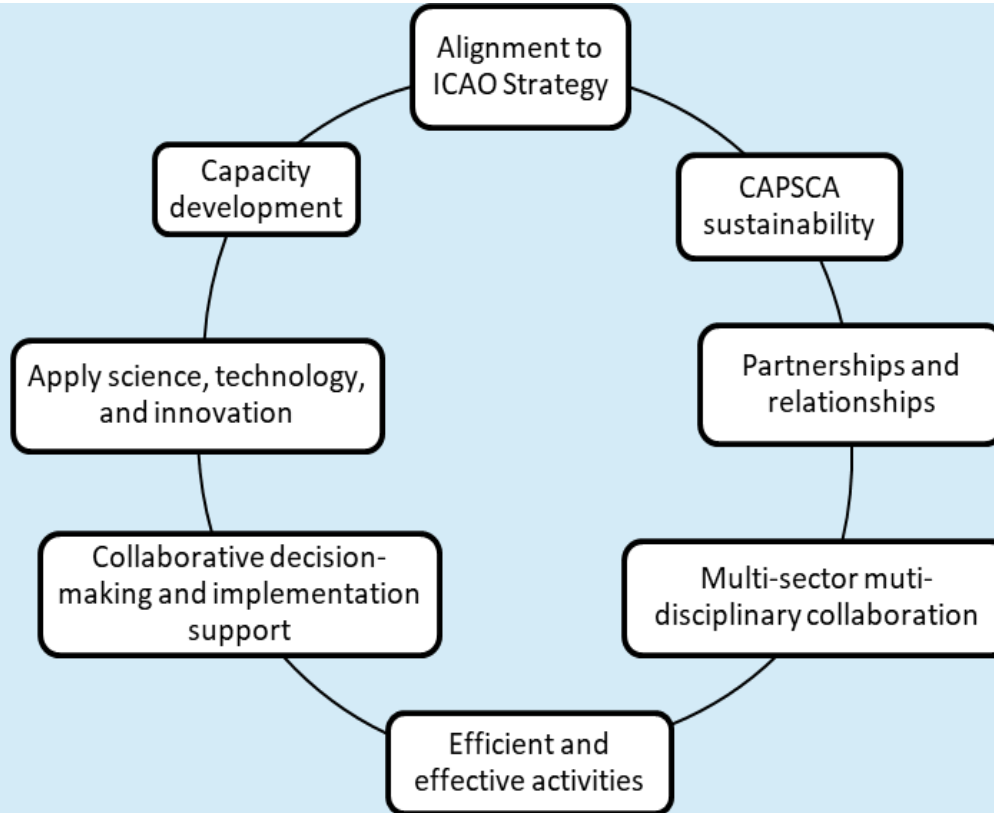
Assembly Resolution 41-11 (2022)

Declaration on air transport facilitation affirming global commitment to enable the safe and efficient recovery of aviation from the COVID-19 pandemic

- ICAO to collaborate with relevant international organizations and industry
- develop a crisis response framework for future health-related crises
- that would enable the international aviation community to rapidly respond to a health-related crisis;

Included in
CAPSCA
governance

CAPSCA governance and crisis response

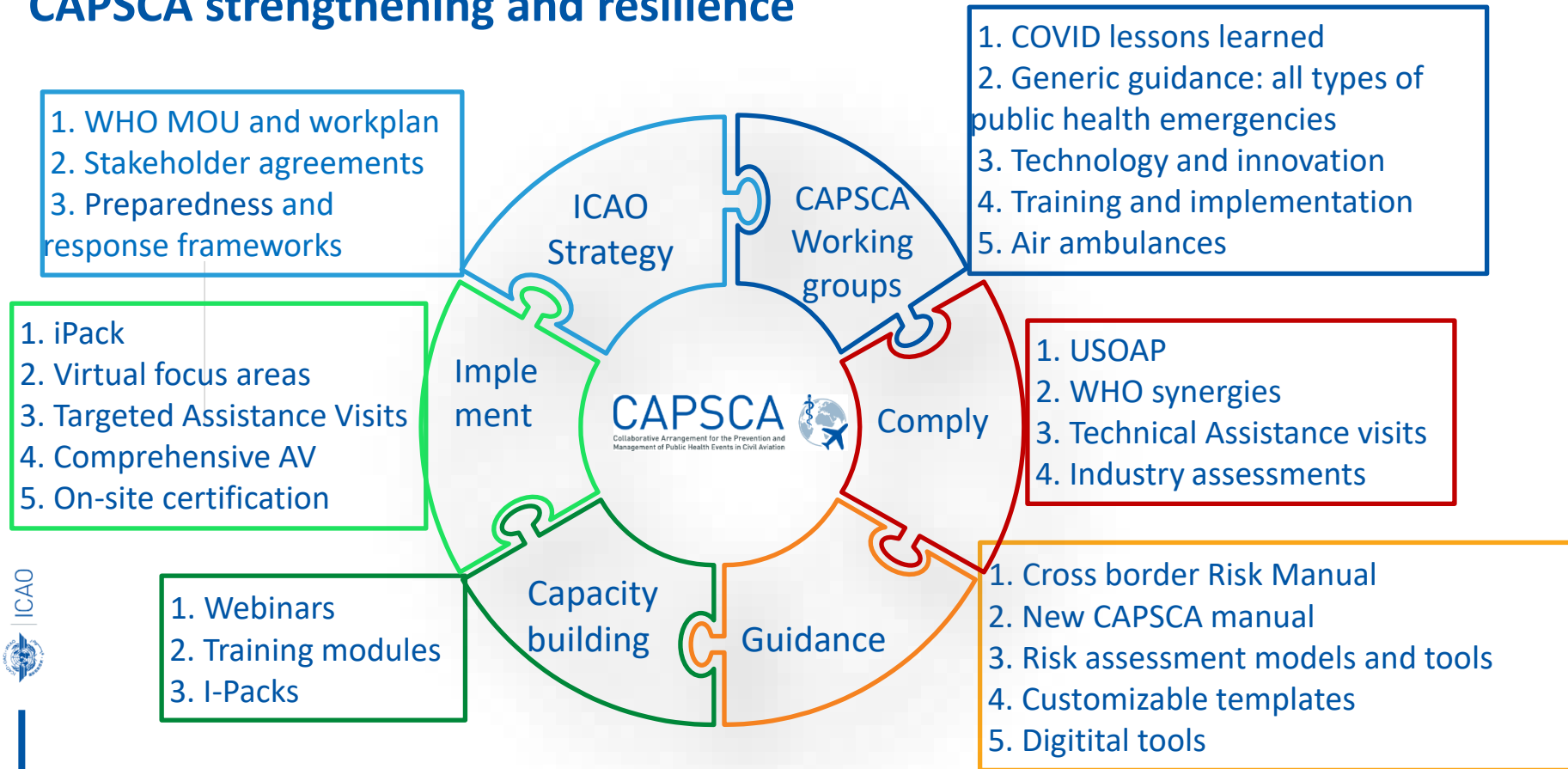


Assembly Resolution 41-12 (2022)

Maintaining health and sustaining safe international air transport during public health emergencies affecting air travel

- CAPSCA, the National Air Transport Facilitation Programmes (NATFPs) and the National Air Transport Facilitation Committees (NATFCs): improve communication, collaboration and harmonization of public health preparedness and response plans
- CAPSCA Global Symposium in 2022: proposals to strengthen CAPSCA and to build aviation resilience for future public health emergencies;

CAPSCA strengthening and resilience



Assembly Resolution 41-12 (2022)

Maintaining health and sustaining safe international air transport during public health emergencies affecting air travel

- Recognize the need to audit the implementation of Chapter 10 “Health-related provisions” of Annex 9

CAPSCA
Working
group

Assembly Resolution 41-12 (2022)

Medical Provisions Study Group, CAPSCA and relevant working groups

- develop an Aviation Health Management Plan and Procedures for Air Navigation Services (PANS) – Health to supplement the ICAO SARPs
- supported by a digitized information-sharing platform

Projects
in 2026

Assembly Resolution 41-12 (2022)

In order to:

- manage medical certification of aviation licence holders
- safeguard the health and safety of aviation personnel and passengers
- design appropriate auditing frameworks and capacity-building assistance mechanisms for the implementation of health-related SARPs;
- support the continuous, safe, and orderly operation of global air services during public health events affecting air travel

Assembly Resolution 41-12 (2022)

ICAO to:

- establishing a crisis response framework and mechanism based on the experience gained during the COVID-19 crisis
- Explore means to formalize the governance of the CAPSCA framework
- Continue to engage with WHO and other relevant organizations establishing formalized collaboration agreements to strengthen CAPSCA and public health related Facilitation activities

WHO MOU,
stakeholder
agreements



Assembly Resolution 41-12 (2022)

Urges Contracting States to

- ensure that the medical, public health and aviation sectors collaborate to develop a national preparedness plan for aviation, which addresses public health emergencies
- integrated with the general national preparedness plan
- aligned with the Sendai Disaster Risk Reduction Framework

CAPSCA
global
meeting

Assembly Resolution 41-12 (2022)

- comply with ICAO SARPs, WHO IHR and guidelines
- establish requirements for the involvement of stakeholders such as aviation medical experts, airport operators, aircraft operators, air navigation service providers in the development of relevant health-related plans in aviation
- participate in CAPSCA to strengthen the programme and ensure that its goals are achieved
- support the activities of ICAO subject matter expert groups

Annex 9 – Facilitation to the Convention on International



Chapter 10: Health-Related Provisions

- A. IHR and Related Measures
- B. Inspection of Health-Related Documentation
- C. Prevention & Mitigation of Communicable Diseases
- D. Facilities required for implementation of Public Health, Emergency Medical Relief, and Plant Quarantine Measures

FAL Capacity Building Training Courses



The Doha Declaration: Health (2025)

Health: Work collaboratively with the public health sector and relevant stakeholders to develop a national aviation plan in preparation for the outbreak of a communicable disease posing a public health risk, ensuring that air transport can continue safely and efficiently in all circumstances; this plan should be developed in line with the WHO IHR.





Thank You