



INTERNATIONAL CIVIL AVIATION ORGANIZATION

A United Nations Specialized Agency

**Collaborative Arrangement for the Prevention and Management
of Public Health Events in Civil Aviation**

CAPSCA

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PUBLIC HEALTH AND AVIATION





WHO

- International Health Regulations
- Legally binding on States
- IHR (2005) Article 2:

The purpose and scope of these Regulations are to prevent, protect against, control and provide a public health response to the international spread of disease.....

ICAO

- Convention on International Civil Aviation
- Legally binding on States
- Convention, Article 14 -

Prevention of spread of disease
Each contracting State agrees to take effective measures to prevent the spread by means of air navigation of cholera, typhus (epidemic), smallpox, yellow fever, plague, and such other communicable diseases.....

Implementing Requirements



WHO

- Articles in IHR (2005)
- core capacities self assessment reported annually to WHA

ICAO

- Standards (mandatory) and Recommended Practices (desirable) (SARPs) contained in 19 Annexes to the Convention on International Civil Aviation
- States are formally audited for compliance with SARPs
- ICAO does not audit individual aerodromes/airlines

Competent Authority



WHO

“competent authority”
means an authority
responsible for the
implementation and
application of health
measures under these
Regulations;
May have more than one
authority in each Airport.

ICAO

No equivalent definition

Guidance



WHO

- All documents available in print
- IHR (2005) Contingency Planning Guide
- WHO Technical Advice for Management of Public Health Events in Air Transport
- Guide to Hygiene and Sanitation in Aviation
- Assessment tool for Core Capacity at Designated Airports
- Guidance requires peer review and legal clearance

ICAO

- Documents not available in print – web-based
- ICAO Guidelines for States
- IATA Guidelines for Airlines
- ACI Guidelines for airports
- Guidance does not require peer review or legal clearance

Airport Visit/Assessment



WHO

- On request
 - Designated airports only
 - Considers routine core capacities and emergency response
 - Detailed assessment tool: ports; airports and ground crossings•
- . IHR core capacities certification on voluntary basis .

ICAO

- On request
- Any international airport
- No certificate issued: a confidential report provided, action plan requested
- Considers only emergency response
- Relatively simple checklist: airports only

CAPSCA Project Activities



- Meetings
- Seminars/Workshops/Exercises/Training
- Develop and improve guidance and tools
- Web site reference information source
- Assistance Visits to States and Airports
- Provide advice

Action taken by ICAO, in collaboration with WHO HQ








- **Requirements amended in ICAO documentation**
 - Annex 6- *Operations* (carriage of Universal Precaution Kit for cabin crew to manage a public health event on board)
 - Annex 9 – *Facilitation* (communication procedures/identification of an infectious traveller when on board. Also see IHR, Annex 9)
 - Annex 11 – *Air Traffic Services* (emergency plan for a public health event)
 - *Procedures for Air Navigation Services-Air Traffic Management (communication procedures)*
 - Annex 14 – *Aerodromes* (emergency plan for a public health event).
 - **Each aerodrome has an *Aerodrome Emergency Plan* – the airport public health emergency plan should be part of this, developed between the aerodrome and public health authorities**
 - Technical Instructions for the Safe Transport of Dangerous Goods by Air (including transport of radioactive individuals e.g. for treatment)
 - **May 2013:** Questions on public health preparedness planning included in ICAO audit programme

CAPSCA Achievements



- CAPSCA regional projects joined by over **107 Member States & Territories**
- Annual regional multi-sector CAPSCA meeting
- **Airport Assistance Visits** to individual States/international airports completed in **58 States/Territories**
 - Many Assistance Visits undertaken with a public health officer as well as an aviation specialist (the aim is for all AVs to be undertaken with both an aviation and public health specialist)
- **Training** for 28 Technical Advisors, provided for CAPSCA Assistance Visits by States
- The **CAPSCA** web site (www.capsca.org)
- **Expanding CAPSCA's scope** beyond communicable disease (subject to future funding)...

CAPSCA Regional Projects

	Asia-Pacific 	Africa 	Americas 	Europe 	Middle East 
Year of Establishment	2006	2007	2009	2011	2011
107 Member States	21	28	34	13	11
28 State Technical Advisors Trained by ICAO (OJT completed)	4	8	14	0	2
58 State & Airport Assistance Visits Completed	11	11 (incl. 2 States repeated)	32 (incl. 2 follow-up visits)	0	4

CAPSCA in The Middle East



(CAPSCA-MID)

- CAPSCA-MID regional project joined by **11 Member States: Bahrain, Egypt, Iran, Iraq, Jordan, Lebanon, Kuwait, Oman, Qatar, Saudi Arabia, & Sudan**
- Completed four annual meetings (Last was CAPSCA-MID/4 Meeting in ICAO MID Regional Office, Cairo, 17-20 November 2014)
- **Airport Assistance Visits** to individual States/international airports completed in **4 States: Jordan, Oman, Saudi Arabia, and Sudan**
- Middle East States, that have not yet done so, are encouraged to join the CAPSCA-MID project and ask for Assistance Visits.
- **The Fifth Global CAPSCA Coordination meeting (CAPSCA Global/5)** held in Cairo hosted by Egypt, together with CAPSCA-MID/4, **17-20 November 2014** – Conclusions on ICAO MID website on the following link:
<http://www.icao.int/MID/Pages/capsca-mid.aspx>

Bottom Line



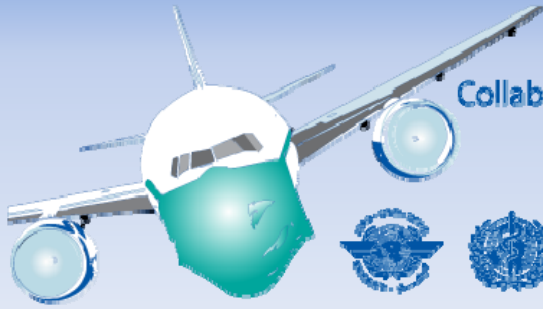
- **CAPSCA saves *lives* and *money***
- **CAPSCA is appreciated by States**
 - **Over 107** States joined, **58** Assistance visits undertaken
- **Public health planning is useful in areas other than communicable disease e.g. Fukushima**
- **Without CAPSCA, ICAO and the wider aviation sector will:**
 - Be unable to properly assist WHO and States with preparedness planning
 - Lose expertise and influence in public health matters that impact aviation
 - Lack credibility to help provide joint WHO/ICAO guidance to the aviation sector during future public health events
- **ICAO is taking active role on Ebola in coordination with WHO and other organizations**

Summary



- The aviation sector needs assistance from public health to facilitate preparedness planning
- ICAO and its member States can provide specialist knowledge of the aviation sector to public health
 - airport emergency response should be part of the aerodrome emergency plan
- ICAO and its member States welcome further collaboration with:
 - WHO HQ and WHO Regional Offices
 - National public health authorities
- ICAO/WHO to implement Ebola Aviation Action Plan
- CAPSCA can assist with the harmonised implementation of IHR (2005) in the aviation sector to:

Reduce the risk that preparedness planning in aviation falls into a gap between the public health and aviation sectors



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www.capsca.org



Thank you

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