



INTERNATIONAL CIVIL AVIATION ORGANIZATION

A United Nations Specialized Agency

Update on CAPSCA

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

www.CAPSCA.org

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PUBLIC HEALTH AND AVIATION



- **CAPSCA**
 - History
 - Achievements
 - Finance



Public health – why worry?



- Diseases are spread by air transport and affect populations in other States
- Passengers and crew can become ill on aircraft from infectious passengers
- Absence of safety critical personnel (during a pandemic) increases flight safety risk
- Public health events severely:
 - Affect aviation and economies relying it
 - Affect aviation efficiency

Article 14, Chicago Convention



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** as the contracting States shall from time to time decide to designate, and to that end contracting States will keep in **close consultation with the agencies concerned** with international regulations relating to sanitary measures applicable to aircraft.

Such consultation shall be without prejudice to the application of any existing international convention on this subject to which the contracting States may be parties.

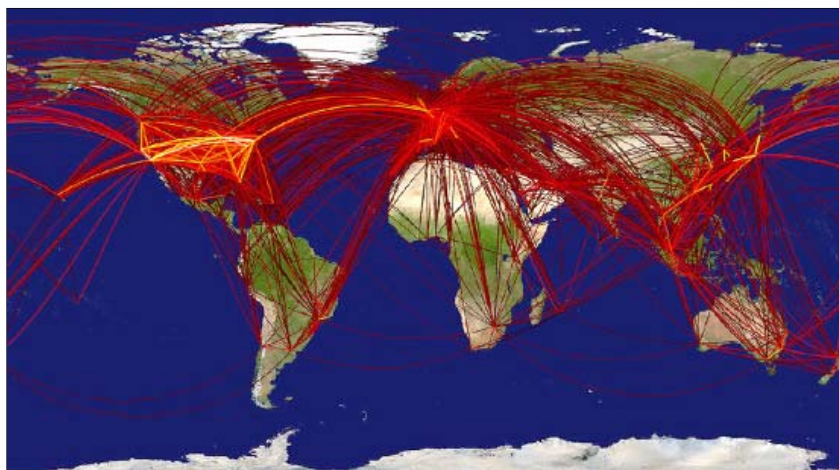
Challenges



- **Aviation is:**
 - Focused primarily on prevention of accidents, and
 - Personnel not generally knowledgeable about public health
- **Public health is:**
 - Focused primarily on non-transport related health issues
 - Personnel not generally knowledgeable about aviation
- **And so.....**

*Preparedness planning in aviation
can fall into a gap between both sectors*

Some health-related issues



Bennett, JS – NIOSH, 2009

Public Health Events

Affecting aviation since 2003



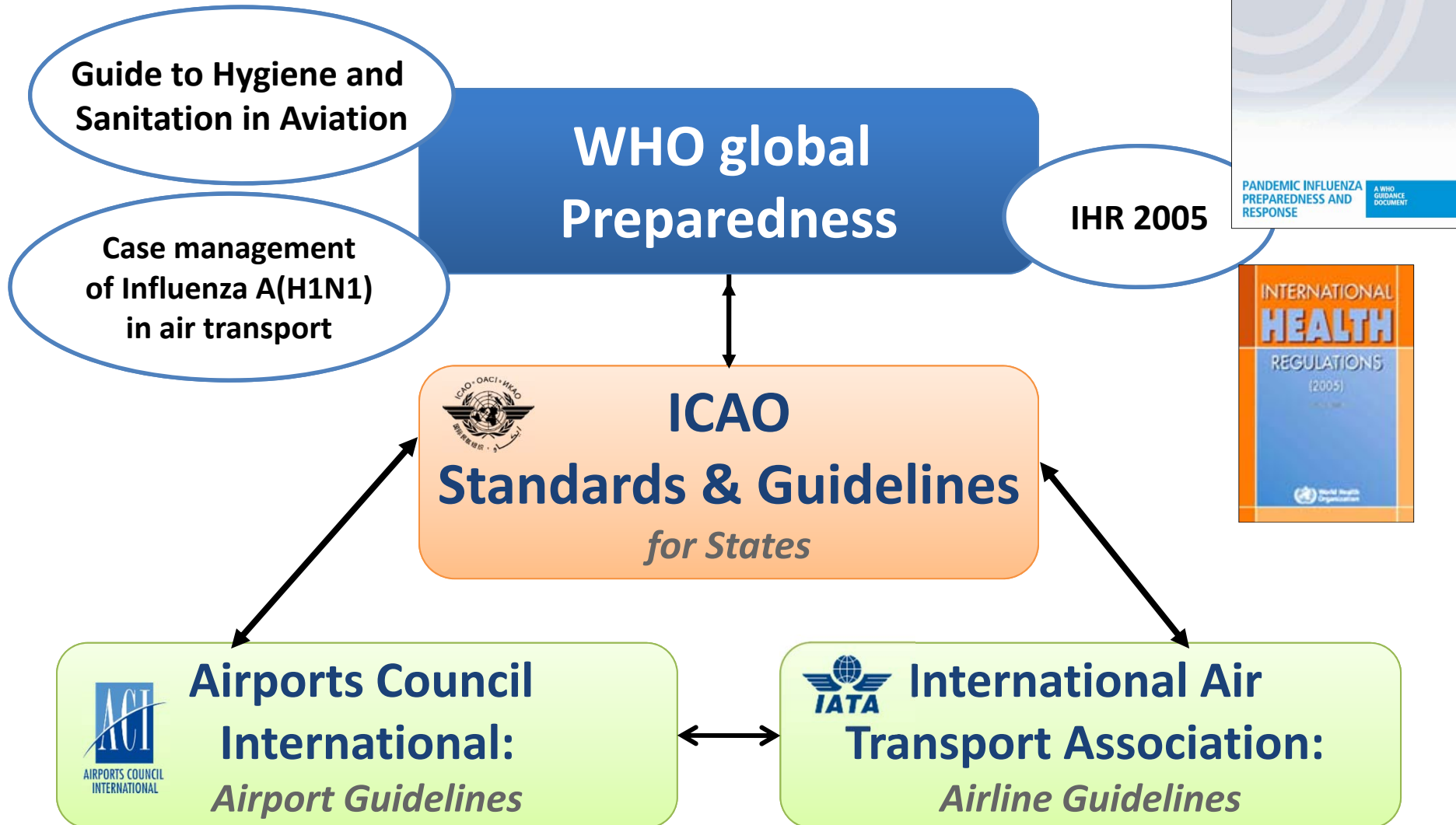
- **2003:** Severe Acute Respiratory Syndrome (SARS)
- **2009:** Pandemic Influenza A (H1N1) “Swine flu”
- **2011:** Fukushima nuclear accident
- **Ongoing diseases that could affect aviation:**
 - **2005:** Influenza A (H5N1) “Avian flu”
 - **2012:** Middle East Respiratory Syndrome
 - **2013:** Influenza A (H7N9)

Action taken by ICAO



- **SARPs/procedures/instructions amended**
 - Annex 6- *Operations*
 - Annex 9 – *Facilitation*
 - Annex 11 – *Air Traffic Services*
 - *Procedures for Air Navigation Services-Air Traffic Management*
 - Annex 14 – *Aerodromes*
 - Technical Instructions for the Safe Transport of Dangerous Goods by Air
- **May 2013:** Questions on public health preparedness planning included in USOAP
- **Two Assembly Resolutions: 2004 (A34-12), 2010 (A36-12)**
- **Council Declaration on H1N1 (2009)**

CAPSCA ensures guidelines are *harmonized*



CAPSCA Achievements



- CAPSCA regional projects joined by **97 Member States & Territories**
- **Airport Assistance Visits** to individual States/international airports completed in **54 States/Territories**
- **Training** for 20 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)...



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