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

- **ICAO** programme managed by ICAO with support from **WHO**
- **Multi-sector** collaboration: Aviation, Public Health, Security & Immigration, Emergency and disaster response, etc.
- Global, regional, national and local **levels**
- **Voluntary** membership, no fee to join

**Objectives**

- **Safe & economically viable air transport network**, with minimal adverse effects on international travel and trade
- **Preparedness planning** and ability to deliver a prompt **response** to public health events
- Assist **regulatory compliance** with ICAO Standards and Recommended practices (SARPs) and WHO International Health Regulations
International Health Regulations (IHR) published by WHO
ICAO Annexes 6, 9, 11, 14, 18 & PANS-ATM, FAL, Aviation Medicine

National Public Health Emergency Contingency Plan
National Aviation Regulations with standards related to public health
National Aviation Plan for a Public Health Emergency
Airport (PoE) Public Health Emergency Contingency Plan

Aerodrome Emergency Plan and Aerodrome Manual including public health emergencies
Air Traffic Services (ATS) contingency plan including public health emergencies
ATS Procedures for notification of suspected public health risk on board an aircraft
Aircraft Operators Procedures for managing suspected public health risk on board an aircraft

Business Continuity Management Plans and Procedures for Airports, Airlines & ANSPs
Partner Representation

- United Nations entities
- Public Health Authorities
- Airlines
- Airports
- Flight crew and cabin crew
- Aircraft manufacturers
- Aviation safety
- Business Aviation
70% of ICAO Member States

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</table>
- **State consultation** and needs analysis
- **Guidance material and tools** for States and stakeholders
- **Assistance Visits** to States and Airports
- **Global & regional meetings annually**
- **Training**
- **Web site information repository**
Air traffic Patterns

Major air traffic originating from Wuhan Tianhe International Airport in 2018

Departures
(2019-10-29 – 2020-05-05)

Number of International Depatures
COVID-19 Airport Status

Global COVID-19 Airport Status

Last updated: 2020-05-06

This app displays COVID-19 related information per State as available through the NOTAM service. The numbers under each state and international airport like **200 (-25%)** indicate the departures observed in the last 7 days (sliding week). The percentage indicates week over week (w/w) change of those departures, if available. The source for the departures is ADSB. Click on the traffic data label for an airport or a state to see its total daily departures (all kinds of traffic) from international aerodromes over time since october 2019.

The information in this app is updated automatically on a daily basis.

The COVID-19 cases per day are integrated for information only and are sourced from the European Centre for Disease Prevention and Control (ECDC).

If you have questions or suggestions, please contact us at space@icao.int. Click here for other COVID-19 operational information.

The COVID-19 NOTAMS can be accessed via APIs through our ICAO API Data Service.

Select a Region:

- World
- Asia Pacific
- East and South Africa
- Europe and North Atlantic
- Middle East
- North America and the Carribean
- South America
- West and Central Africa
Identifying a potentially ill passenger
- At airport and during the boarding process
- In flight
- Upon arrival at transit or destination airport

Managing an ill passenger on board
- Procedures
- Communication with aviation and public health authorities

Submit information and documents
- Medical monitoring forms
- Passenger Locator Forms
- Health part of the Aircraft General Declaration

Decision-making and planning
- Aircraft diversions
- Specific parking areas
- Screening procedures
- Medical assessment
- Contact tracing of passengers or crew
- Isolation, quarantine or vaccination

Cleaning and disinfecting
- Aircraft
- Cargo
- Passenger luggage
- Medical waste

Communication strategies
Airports (Airport and Public Health Authorities)
- Public health information to travellers
- Screening and medical assessment
- Disinfection, isolation, quarantine
- Access to medical services and transport

ATC
- Airspace management
- Notification procedures

Airlines:
- On-board management
- Passenger information for contact tracing

Customs, security and immigration
- Passenger information for contact tracing

Cargo and ground handlers
- Inspection of baggage, cargo, etc.
- Disinfection
NOTIFICATION OF SUSPECTED COMMUNICABLE ON BOARD AN AIRCRAFT

ICAO Aircraft General Declaration
- Declaration of Health (signs/symptoms)
  (ICAO Annex 9, Appendix 1 & IHR (2005) Annex 9)

- Aircraft Call sign (ID)
- Departure Aerodrome
- Destination Aerodrome
- Est. Time Arrival
- Number of persons on board
- Number of suspect cases
- Nature of public health risk

• Airport Operator
• Public Health Authority
• Other agencies

Aircraft Operator
(or destination aerodrome)
incl. ground-based medical services provider (if available)

• Airport Operator
• Public Health Authority
• Other agencies

Via local procedure
(Aerodrome Emergency Plan)

Voice or data link e.g. AFTN

Air Traffic Controller

Destination Aerodrome
Air Traffic Services

Voice or data link e.g. AFTN

Departure Aerodrome Air Traffic Services

Voice or data link e.g. AFTN

• Air Traffic Controller
• Airport Operator
• Public Health Authority
• Other agencies

* AFTN = Aeronautical Fixed Telecommunication Network

• Air Traffic Controller
• Airport Operator
• Public Health Authority
• Other agencies
• **Daily COVID-19 update**: e-mail and CAPSCA web site (www.capsca.org)

• **Collaboration** with CAPSCA partners

• Provided industry **support**

• **Monthly regional updates** on activities

• **Regional CAPSCA meetings** (Africa March 2020; Europe October which will focus on COVID-19)

• Development and sponsorship of **training courses**

• **Joint funding proposal** with WHO relating to COVID-19 specific response and future emergency preparedness plans
CAPSCA Survey

- 87 responses received (45%)
- Analysis of information
- Template under development
- To be updated on the website on a real-time basis
- Informs guidance material development
COVID-19 Guidance material

- Flight crew and cargo operations
- Repatriation and humanitarian flights
- Passenger flights

The current guidance material refers specifically to cargo operations. Further similar guidance addressing humanitarian, repatriation and scheduled passenger flights is under development through CAPSCA and will be consistent with this approach. Such guidance will allow States to implement processes consistently and in accordance with the International Health Regulations (IHR) and ICAO Standards and Recommended Practices (SARPs) relating to airports, on-board procedures, facilitation, and air traffic management and navigation.
CAPSCA webinars
- Public Health Corridor Concept
- CAPSCA Assistance Visit
- Management of COVID-19 – series with focus on specific areas: Crew, airports, aircraft, ATC, cargo & ground handlers, passengers.

CAPSCA On-line training (Conducting an Assistance Visit)
- Developed by ICAO in collaboration with JAATO and WHO
- 42 trainees were sponsored
- Submitted funding proposal to support additional trainees
- Build pool of SMEs in preparation for CAPSCA Assistance Visits once restrictions are being lifted
CAPSCA ASSISTANCE VISITS

Principles

- Not an audit nor certification
- Voluntary and confidential

Benefits

- Improve preparedness & response planning
- All stakeholders involved
- Coordination & collaboration
- On-site assessment
- Gap analysis
- Recommendations

State request AV
Complete CAPSCA questionnaire
Evaluation (Aviation & PHA SME)
On site visit
Report

Presentations by State stakeholders
Discussion of policies and procedures
Airport facilities walk-through (observations & interviews)
Practical demonstration: arrival of suspected pax onboard aircraft

**Checklist**

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**Practical Demonstration:**
- Arrival of suspected passenger onboard aircraft
Conducting a Technical Assistance Visit to CAPSCA Member States & Airports

Become a CAPSCA Technical Advisor

• Online course (JAA TO and ICAO TrainairPlus)
• Methodology, aspects and requirements to:
  a) Assess and improve existing prevention infrastructure
  b) Eliminate deficiencies in preparedness to Public Health emergencies.
• Global implementation of ICAO SARPs and WHO IHR (2005).
• Price: € 495.00
• Duration: 34 hours

www.capsca.org