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ICAO Manual on Testing and Cross-border Risk Management Measures

Ansa Jordaan

Chief Aviation Medicine

International Civil Aviation Organization

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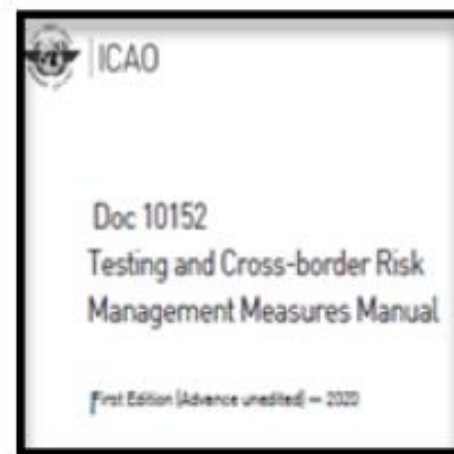
CART Phase II Outcomes



**HIGH-LEVEL
COVER
DOCUMENT**



**TAKE-OFF
GUIDANCE DOCUMENT
2nd Edition**



***Testing and Cross-border
Risk Management
Measures Manual
(Doc 10152)***

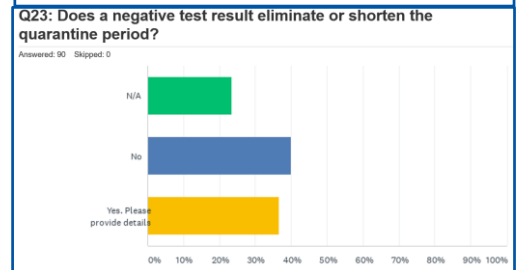
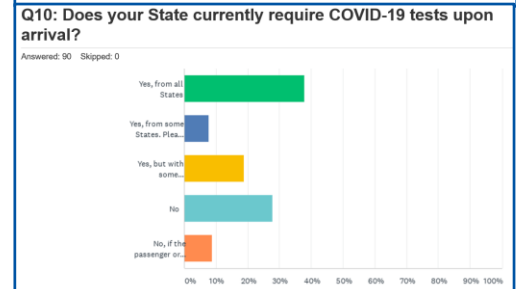
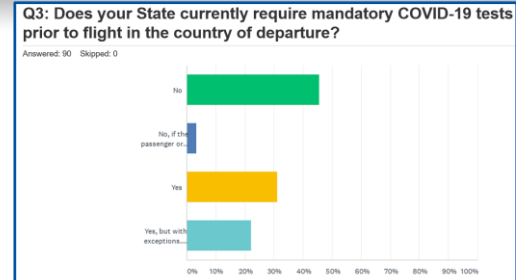
CART Phase II Recommendations

- **Recommendation 12 (Aviation safety-related measures).** States should put in place the necessary measures to mitigate risks associated with prolonged regulatory alleviations and should not extend alleviations (both core and extended CCRDs) beyond 31 March 2021, unless circumstances dictate otherwise. In addition, States are encouraged to **facilitate access to medical and training facilities**, including flight simulation training devices used for flight crew (national and foreign) to maintain their certifications, recency of experience and proficiency.
- **Recommendation 13 (Testing and cross border risk management measures).** While testing is not universally recommended by public health authorities as a routine health screening method, States contemplating **testing in their COVID-19 risk management strategy** should apply the approach outlined in the *ICAO Manual on Testing and Cross Border Risk Management Measures*.
- **Recommendation 14 (Public Health Corridors (PHCs)).** States considering the formation of a PHC should actively share information with each other to implement PHCs in a harmonized manner. To facilitate implementation of PHCs, **the ICAO Implementation Package (iPack)** on establishing a PHC is available to States.

Recommendation 13

Testing and cross border risk management measures

- Testing has been implemented by some States as a routine **health screening** method.
- It could reduce reliance on **quarantine**.
- **Sovereign decision** of a State to assess implementing testing as part of a multi-layer risk management strategy.
- Based on a State's **risk assessment and risk tolerance**.
- **Factors** include epidemiology assessment and transmission patterns, public health capacity, limitations of testing technology, test performance and operational challenges.
- Guidance contained in the updated **TOGD and the ICAO Manual on Testing and Cross Border Risk Management Measures**.
- **Implementation through PHC**.



Manual General Principles



- **Risk based & evidence based** approach to support States in implementing a **multi-layer risk management strategy**.
- Recognizing the **sovereignty** and authority of States over their national recovery, taking into account **national frameworks and public health capacities**.
- First edition published November following WHO review, **undergoing review**.
- **Living document** with regular updates.

- Risk Management Framework
- Decision-making tool
 - determine the risk of transporting potentially infectious passengers.
 - export and/or import of COVID-19.



Testing considerations

- Reasons for testing
- Testing methods and performance-based recommendations
- Selecting test devices – statistical analysis
- Pre-departure screening – reduce in-flight transmission
- Post-arrival testing – risk reduction & quarantine
- Combined pre-departure and post-arrival testing
- Management of positive tests
- Quarantine strategies – travellers are not contacts
- Combined testing and quarantine strategies

		Disease Status		
		Present	Absent	
Screening Test result	+	A	B	Total positive tests
	-	C	D	Total negative tests
		Total infected (Ti)	Total not infected (Tni)	Total Population (Tp)

A: True Positives
 B: False Positives
 C: False Negatives
 D: True Negatives

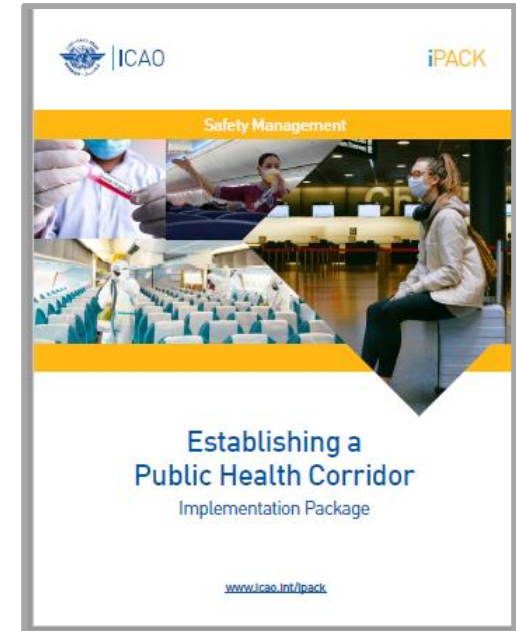
Risk Assessment Model

- Adhering to CART and WHO guidance
- Identify effectiveness of existing measures
- Determine relative risk
- State risk classification applying epidemiological indicators
- Determine measures based on risk

<i>Mitigation strategy</i>	<i>Estimated effectiveness*</i>	<i>Implementation cost^{***A}</i>
Universal travel bans	Very high (100%)	Low
Selected travel bans	Varies depending on the country-State selection and the timing of the measure	Varies
Travel restrictions, do not board lists, for persons ill with COVID-19 or high-risk contacts who defy public health recommendations	High	Varies
<i>Pre-departure strategies:</i>		

Recommendation 14 Public Health Corridors (PHCs)

- A PHC opens **one or more routes** between cities, regions and States
- Also referred to as **‘travel bubbles’** or **“air bridges”**
- Necessitates **sharing of information and bilateral/ multilateral discussions** - harmonization of measures
- Formed through **mutual recognition** of public health mitigation measures between States
- Guidance contained in the updated **TOGD and the ICAO *Manual on Testing and Cross Border Risk Management Measures***
- ICAO **facilitates implementation** of PHCs through the ICAO Implementation Package (**iPack**) on **establishing a PHC**





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