



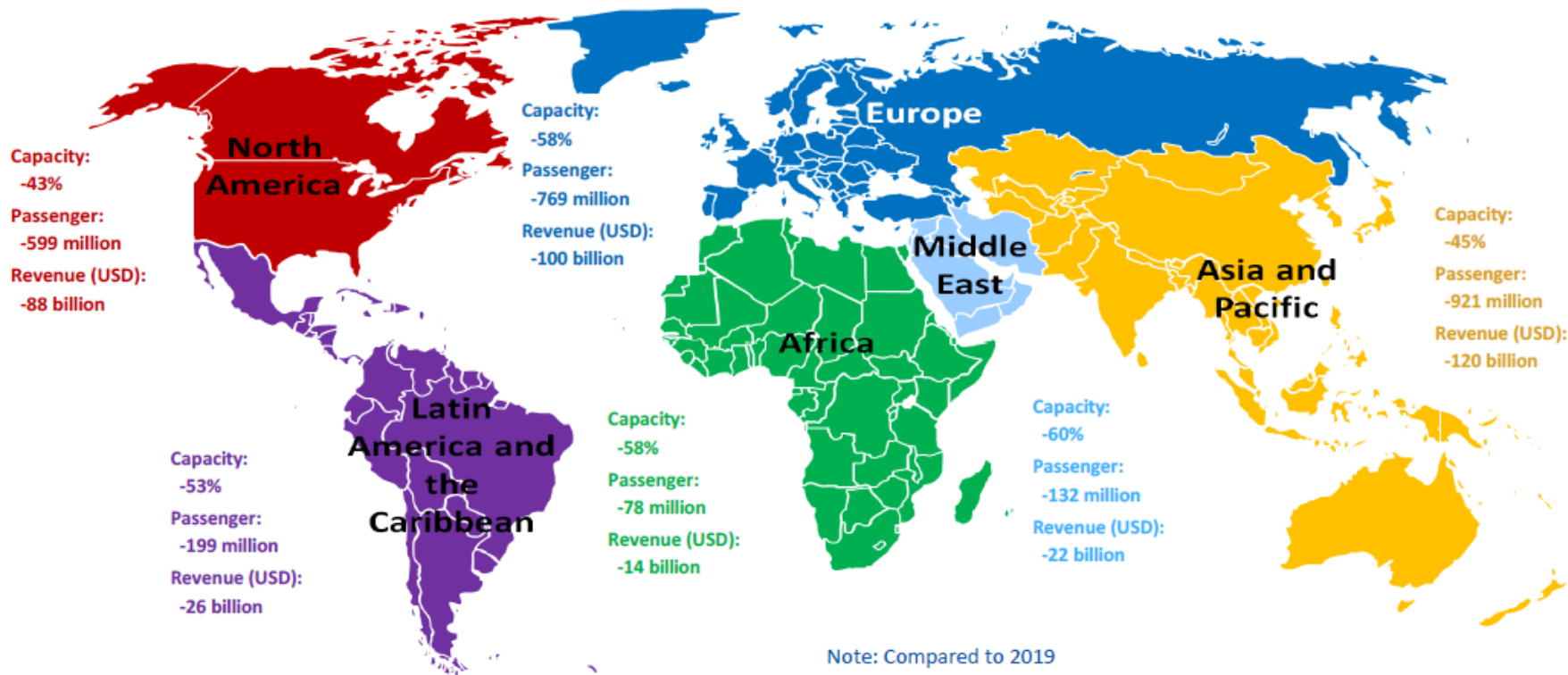
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# Effects of the new coronavirus (COVID-19) on civil aviation and the COVID-19 Response and Recovery Implementation Centre (CRRIC).



# Estimated impact on passenger traffic and revenue by region by 2020





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## Global impact of COVID-19 on aviation, tourism, trade and the economy in 2020

Air passenger traffic: an overall reduction of air passengers (both international and domestic) ranging between 60% in 2020 compared to 2019. **(according to OACI)**.

Airports: an estimated loss of approximately 64.6% of passenger traffic and 66.3% or more than \$125 billion of airport revenue in 2020 compared to the current situation. **(By ACI)**

Airlines: a 65.9% decline in revenue passenger-kilometers (RPKs, both international and domestic) in 2020 compared to 2019. **(By IATA)**

Tourism: a decline in international tourism receipts of \$1.3 trillion in 2020, compared to \$1.5 trillion generated in 2019. **(By WHO)**

Trade: a drop in world merchandise trade volume of 5.3% in 2020 compared to 2019 **(By UNWTO)**

World economy: An estimated contraction of world GDP from -3.2% to -3.5% in 2020, much worse than during the 2008-09 financial crisis **(By International Monetary Fund and World Bank)**.



- **Building on the process and success of CART Phase I**
  - CART Report (10 key principles and 11 recommendations)
  - Takeoff: Guidance for air transport during the COVID-19 health crisis (TOGD)
- **Specific CART Phase II mandates**
  - Review and draft proposed amendments to the TOGD associated with commercial air transport (CAT) travel.
  - Review guidance materials on sanitary measures for activities associated with CAT passenger travel not covered by the TOGD, and other sanitary issues.
  - Draft a high-level document on the results and findings of the CART.



**✈ The Council Aviation Recovery Taskforce (CART) report and the Take-off guidance document contain, among others, 11 recommendations addressed to Member States:**

- ✈ Safety Recommendations: REC-01 to REC 03
- ✈ Public Health Recommendations: REC-04 and REC-05
- ✈ Security and Facilitation Recommendations: REC 06 to REC 09
- ✈ Economy and Finance Recommendation: REC 10
- ✈ Information Sharing Recommendation: REC 11



**HIGH-LEVEL  
PRESENTATION  
DOCUMENT**



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



*Guidance Manual on Cross Border Risk Management Measures and Diagnostic Tests Transboundary Risk Management Measures and Diagnostic Tests (DOC 10152)*

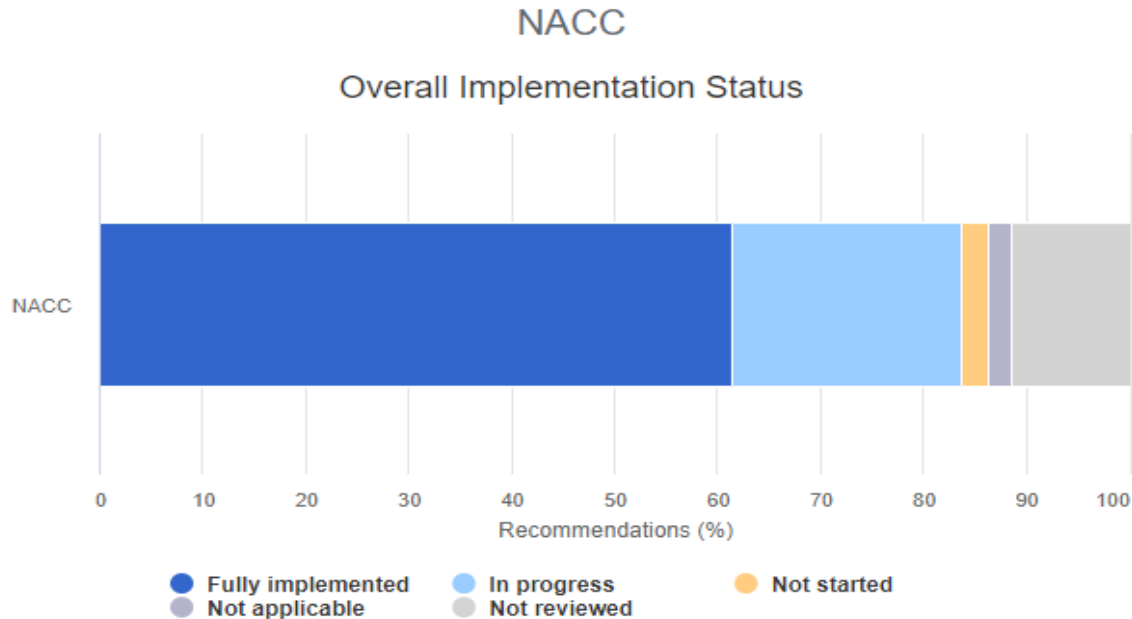


- ✈ provide recommendations and guidance to States to support their efforts in the resumption and recovery of the aviation industry and to help them deal with the significant aftermath caused by the prolonged duration of the crisis.
- ✈ It is also important to note the positive developments brought about by increasing medical and scientific evidence on vaccination and technological advances.



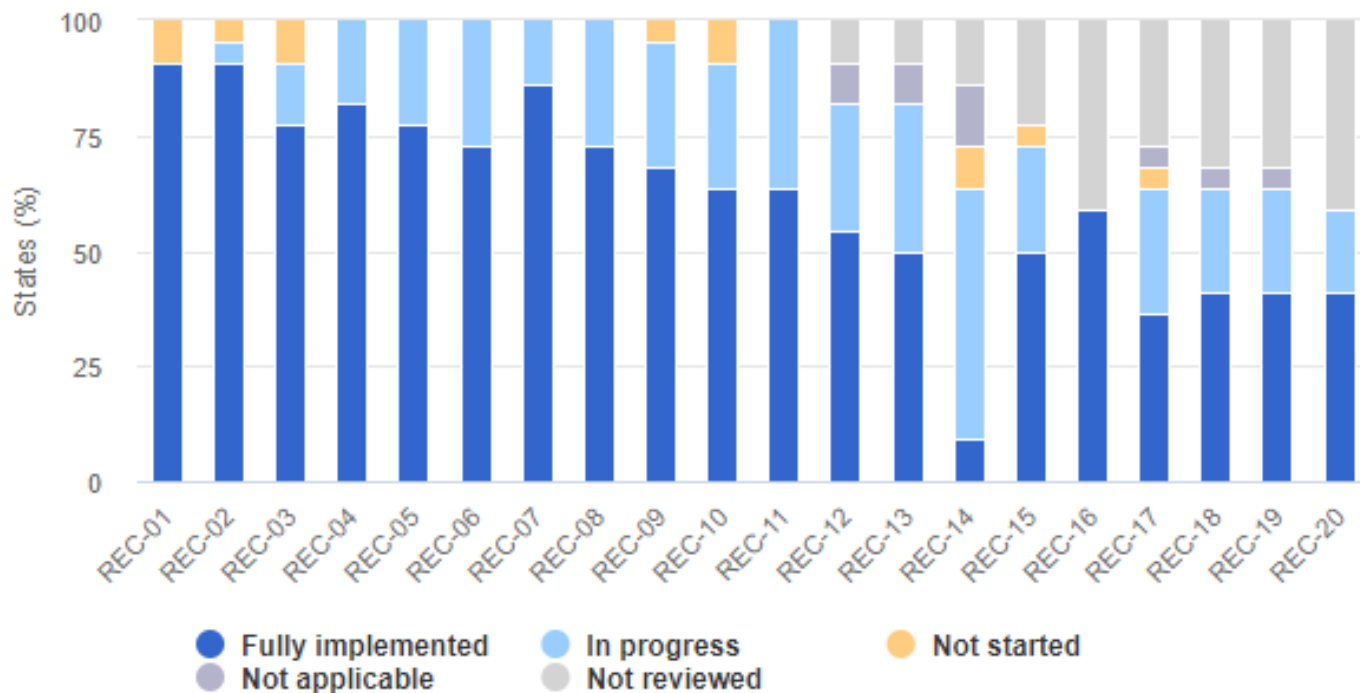


# COVID-19 Response and Recovery Implementation Centre (CRRIC)



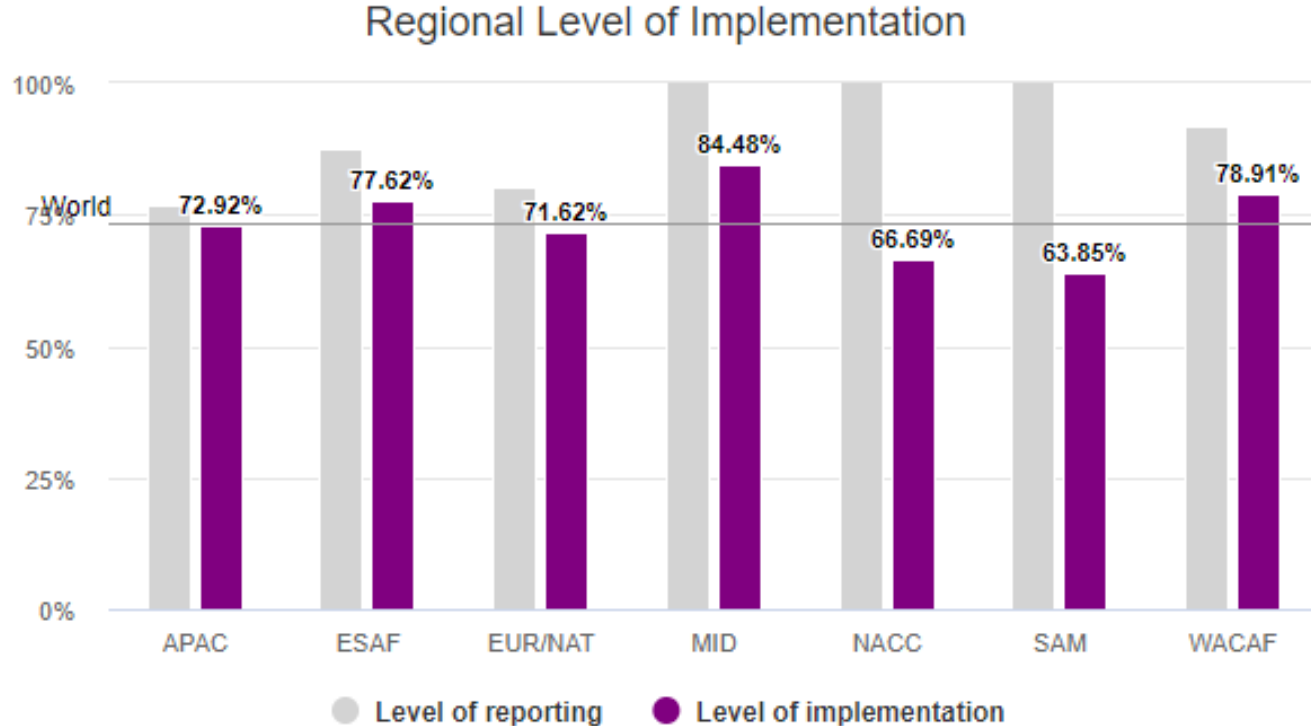


### Implementation Status by Recommendation



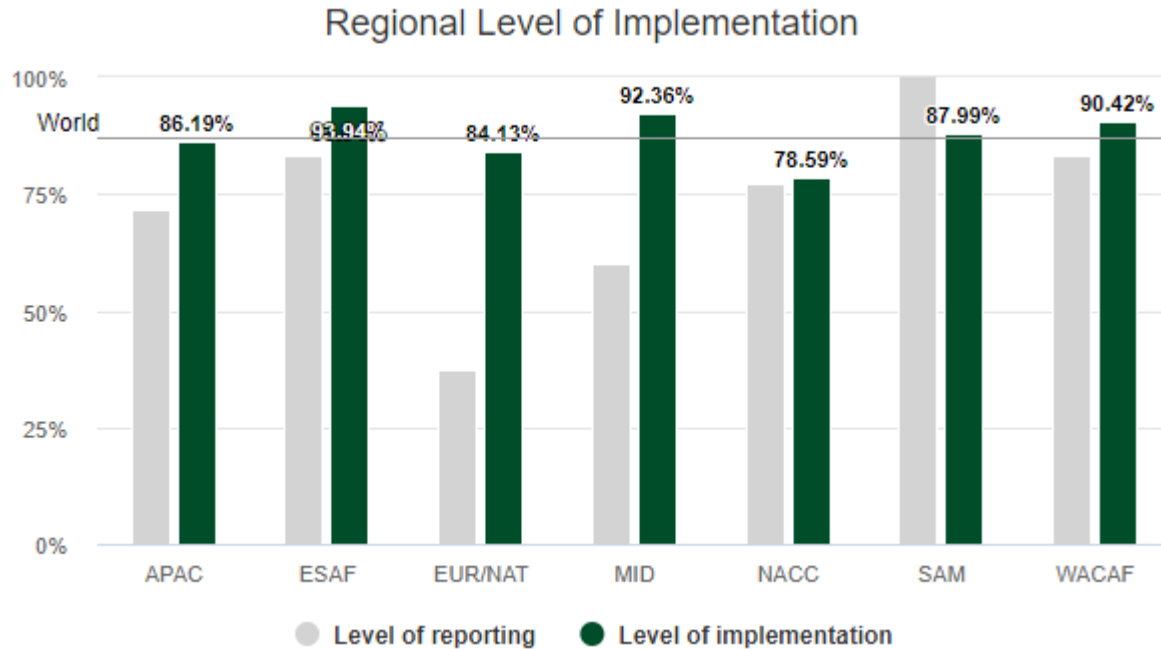


## Global Implementation CART Recommendations (20)





## Global Implementation of Public Health Measures





## Top Adopted Measures in WORLD

100%

Physical Distancing

100%

Signalization and barriers

100%

Public Education

100%

Face Covering and Medical Mask

100%

Routine Sanitation

## Least Adopted Measures in the WORLD

Biometric and contactless technology

63.77%

Baggage delivery services

53.62%

Self-boarding technologies

52.9%

Transfer

50.72%

Advanced technology

50.69%



## The least adopted measures in NACC

### High-risk areas arriving flights

For flights arriving from higher-risk areas where there are cluster or community transmission, a particular section of the arrivals terminal could be utilized to increase physical distancing, and/or smart thermal cameras could be placed at appropriate locations to screen arriving passengers, in consultation with the public health authorities.

47.37%



## The least adopted measures in NACC

### Baggage delivery services

#### Non-HEPA filters

If non-HEPA filters are installed, contact the aircraft OEM for recommendations on recirculation settings.

47.37%

41.18%

#### Advanced technology

36.84%

#### Transfer

21.05%



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