

Regional Response to COVID-19 during 2020-2022 Considerations for better preparing for the next Pandemic ...

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Lessons learned at regional level



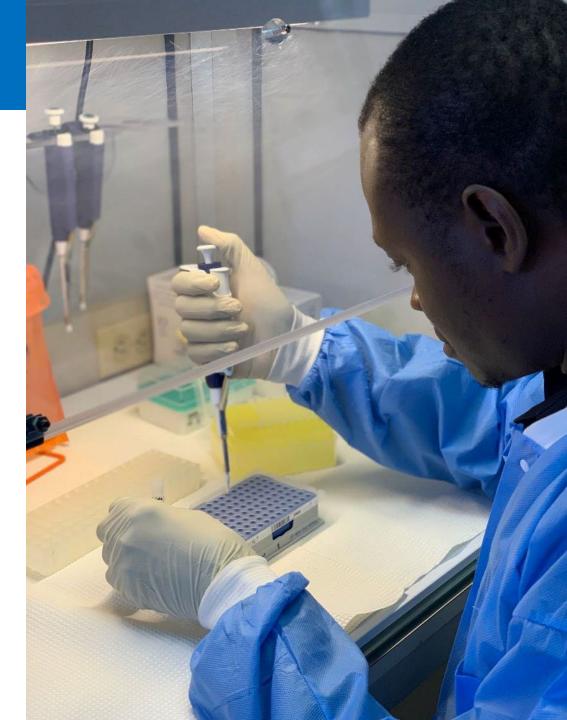
Public Health & Research Laboratories Networking

Resilient Health Systems

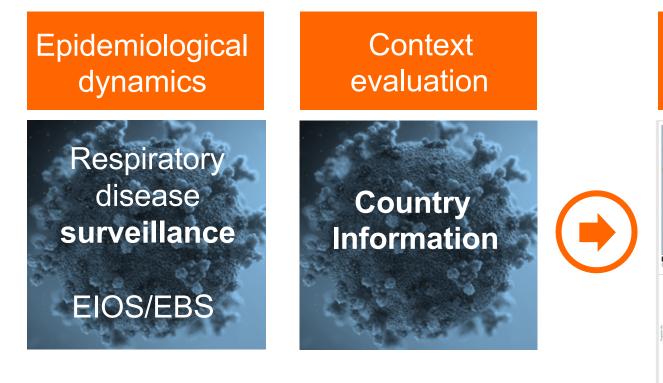
Regional Mechanisms for Vaccine Production
 & Delivery

Human, Animal & Environment Interface

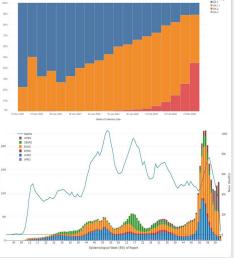




Epidemic Intelligence



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Flexibility of Surveillance Systems for quickly including new pathogens E.g. SARInet Plus

GISRS in the Americas

4.413 SARI & 3.880 ILI sentinel sites



Source: https://www.paho.org/en/topics/influenza-and-other-respiratory-viruses

Strategic activation of National laboratory Networks

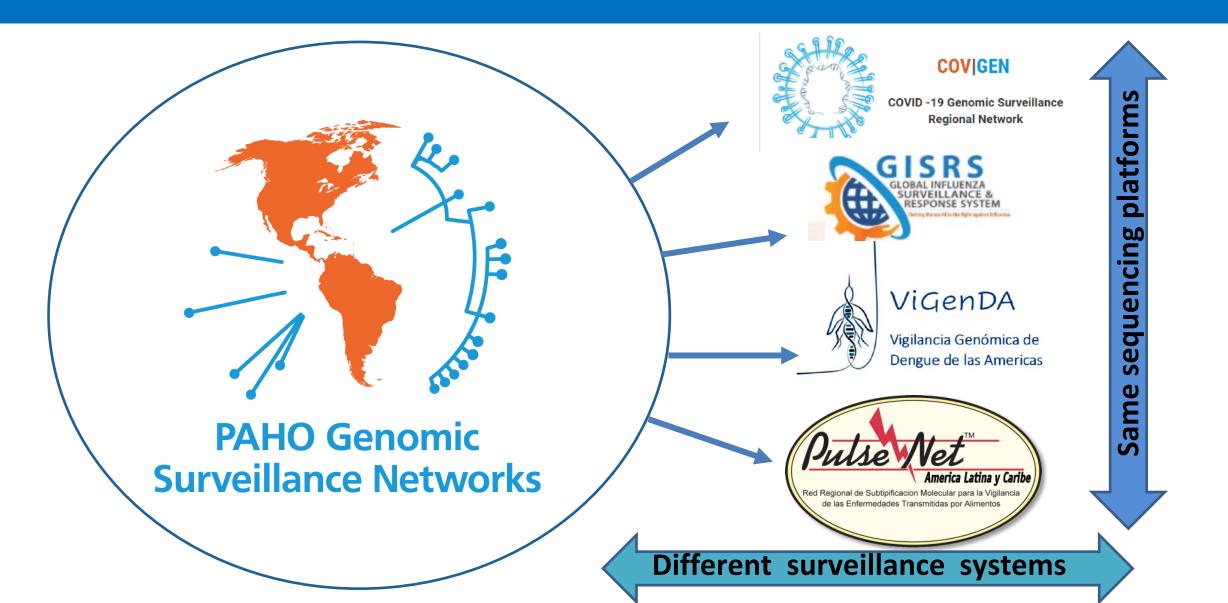




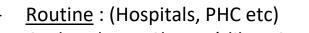




Regional Strategy for Genomic Surveillance



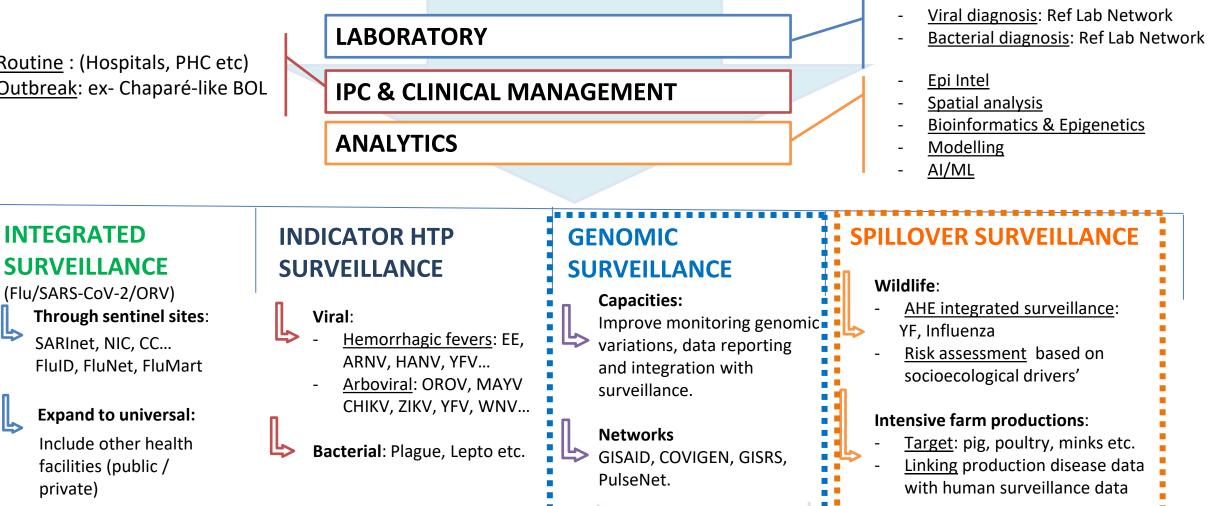
Improving surveillance at the Human-Animal-Environment Interface



Outbreak: ex- Chaparé-like BOL

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private)



Trainings, in-country capacity building, guidelines, algorithms, collaborating centers/networks, partners, resources humar, and financial







Health systems and services Critical capacity-building areas

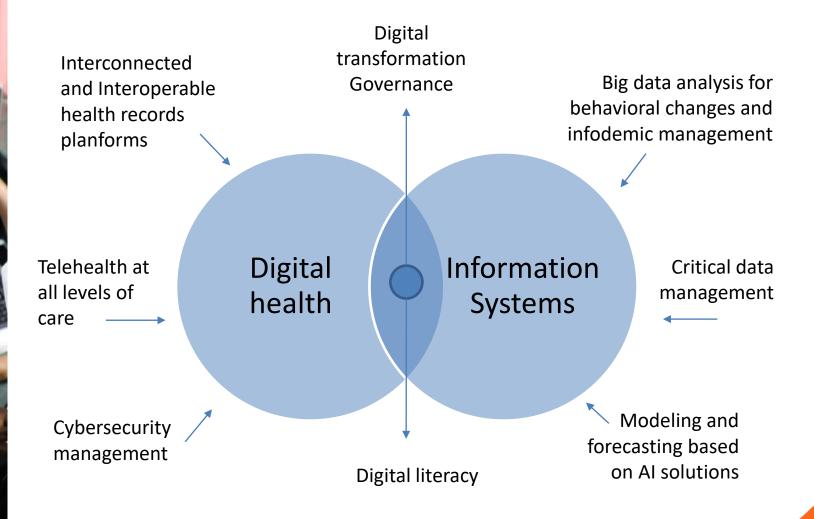
Critical Areas:



WWW.paho.org

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Information Systems and Digital Health Critical areas for success



Medical surge capacity response 2020-2022 Emergency Medical Teams (EMT) and Alternative Medical Care Sites (AMCS)



COVID-19 vaccination in the Americas



2.11b

COVID-19 vaccine doses administered in the Americas

70.9%

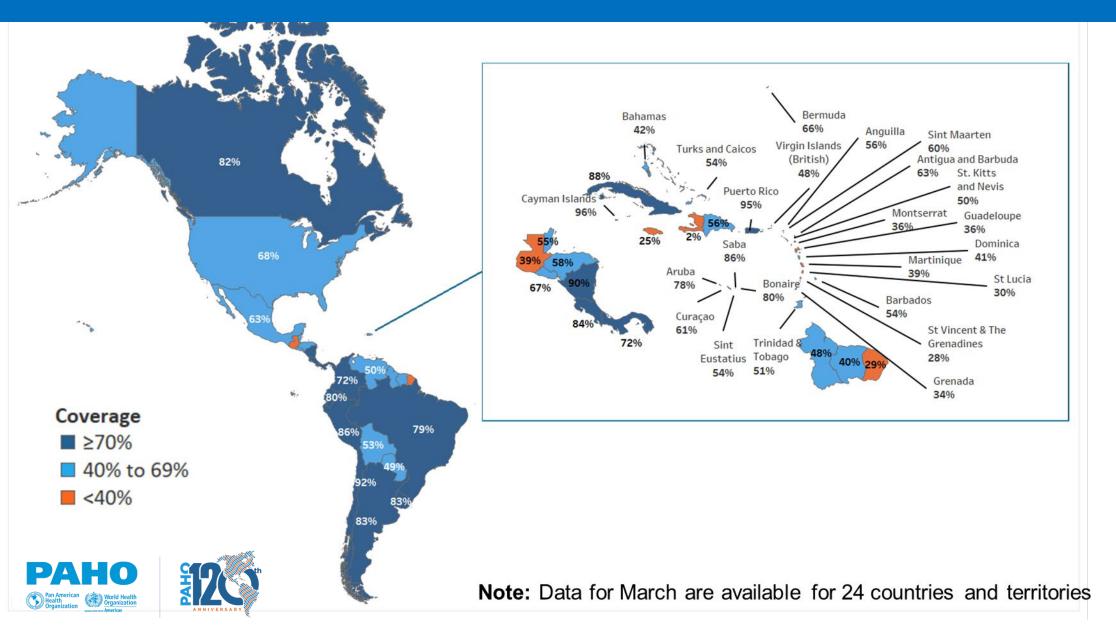
proportion of fully-vaccinated persons in Latin America and the Caribbean

17

countries with coverage rate >70%

As of 10 March 2023

Percent of the population fully vaccinated against SARS-CoV-2 as of 10 March 2023



512 shipments delivered to 35 countries and territories, **249 shipments** including:

PAHO

9 M gloves
49 7 M surgical and respirator masks
3 3 3 M gowns
4 M face shields

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Promotion of development and production initiatives

Technology Transfer and development of mRNA vaccines



PAHO Prantan Word Health Grganization

Latin American manufacturers complete first training in mRNA technology in bid to improve regional vaccine production

24 Mar 2022



Latin American manufacturers complete first training in mRNA technology in bid to improve regional vaccine production - PAHO/WHO | Pan American Health Organization



- Cooperation for technology transfer and for the development of mRNA vaccines:
 - Sinergium Biotech (Argentina) (Tech Transfer)
 - Bio-Manguinhos (Brazil) (Proprietary development)
- Commitment to provide PAHO/WHO Revolving Fund for equitable distribution in cases of emergency, WHO prequalification and, to share knowledge with other partners.





PAHO Revolving Fund for access to vaccines

Solidarity • Equity • Transparency • Quality



Ensuring sustainable access to affordable and quality assured vaccines and immunization supplies for 43 years (1979-2022)

41 Vaccines products

29 Injection devices and cold chain equipment products from 38 suppliers

USD 1.7 billion in goods procured in 2021

Guaranteeing access to vaccines

PAHO Strategic Fund

Guaranteeing access to medicines, diagnostics, and other commodities



35 countries and territories19 health agencies

Over 110 million

people supported

US\$ 785 million

products procured



Overview

2018-2022



The way forward:

Resilient health systems and services



Surveillance

Integrated & Genomic surveillance One Health

Health systems and services based on primary health care

Expanded Immunization Programs

- Emergency procedures updated based on lessons learned
- Flexible Public Health Measures
- Health Logistic networks to rapidly deploy staff and goods