



WORLD

# What Is Covax and How Will It Deliver Covid-19 Vaccines to Poorer Countries?

WHO-backed facility is world's main effort to get shots to developing nations

Screenshot

## **Annelies Wilder-Smith MD PhD**

Professor of Emerging Infectious Diseases, London School of Hygiene and Tropical Medicine (part-time)

Adjunct Professor, ISPM Bern

Consultant, WHO SAGE Working Group on COVID-19 vaccines

Editor-in-Chief, Journal of Travel Medicine

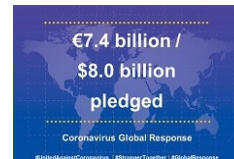
# ACT Accelerator – Key events



24th April 2020

## ACT-A Launch event

Launch event of landmark collaboration to accelerate the development, production and equitable distribution of vaccines, diagnostics and therapeutics for COVID-19



04th May 2020

## Coronavirus Global Response pledging event

European Commission registered €7.4 billion in pledges from donors worldwide. This includes a pledge of €1.4 billion by the European Commission.

## By end of May EU announced \$9.8 B raised

## Global Citizens Event 27 June \$6.9 B raised

# COVAX



## COVAX goals

To end the acute phase of the pandemic by the end of 2021

To deliver 2 billion doses by end of 2021

To guarantee fair and equitable access to COVID-19 vaccines for all participants

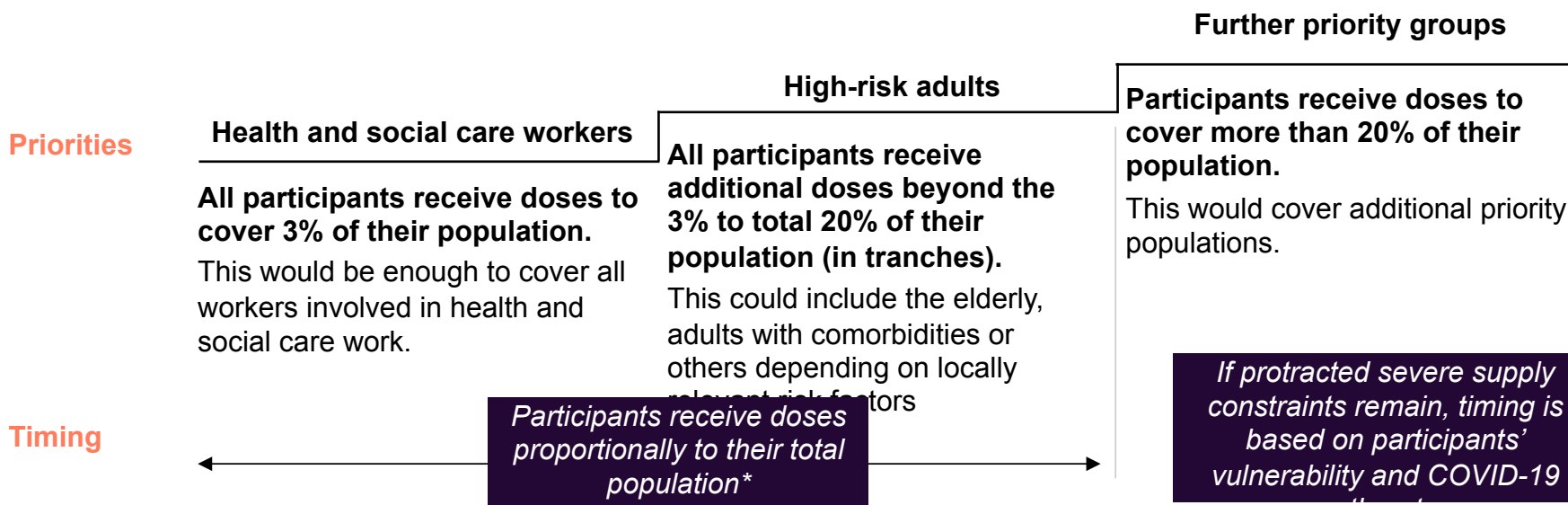
To support the largest actively managed portfolio of vaccine candidates globally

*At its core, the Facility is a risk-sharing mechanism – reducing risk for countries concerned about failing to secure access to a viable vaccine and reducing risk for manufacturers concerned about investing without assured demand*



# Allocation Framework and Allocation Mechanism for Vaccines based on extensive country input

**Goals** Protect public health and minimize societal and economic impact by reducing COVID-19 mortality



Note. The fundamental principle applies that all participants receive doses at the same rate to the extent possible, notwithstanding likely practical limitations to be further worked out (e.g. minimum delivery volumes)

# Covid-19 Vaccination Tracker

## Latest news, statistics, daily rates and updates

Last updated 08 June, 2021 10:30 CEST

As the coronavirus vaccine rolls out across the globe, our world Covid-19 vaccine tracker will help you discover the latest Covid-19 updates and live tracking of vaccine development and administration.

You can explore our data and find insights into Covid-19 vaccine clinical trials, country-level vaccination statistics, the impact of vaccination on infection and death rates, and all the latest news and information on the Covid-19 vaccination.

**Number of vaccine doses administered globally**

**2,220,425,093**

**+35,635,677** reported yesterday

**Number of fully vaccinated globally**

**473,491,849**

**+6,411,840** reported yesterday

**Number of countries with a vaccination programme**

**217**

**+2** reported yesterday

**Fully vaccinated global population**

**6.2%**

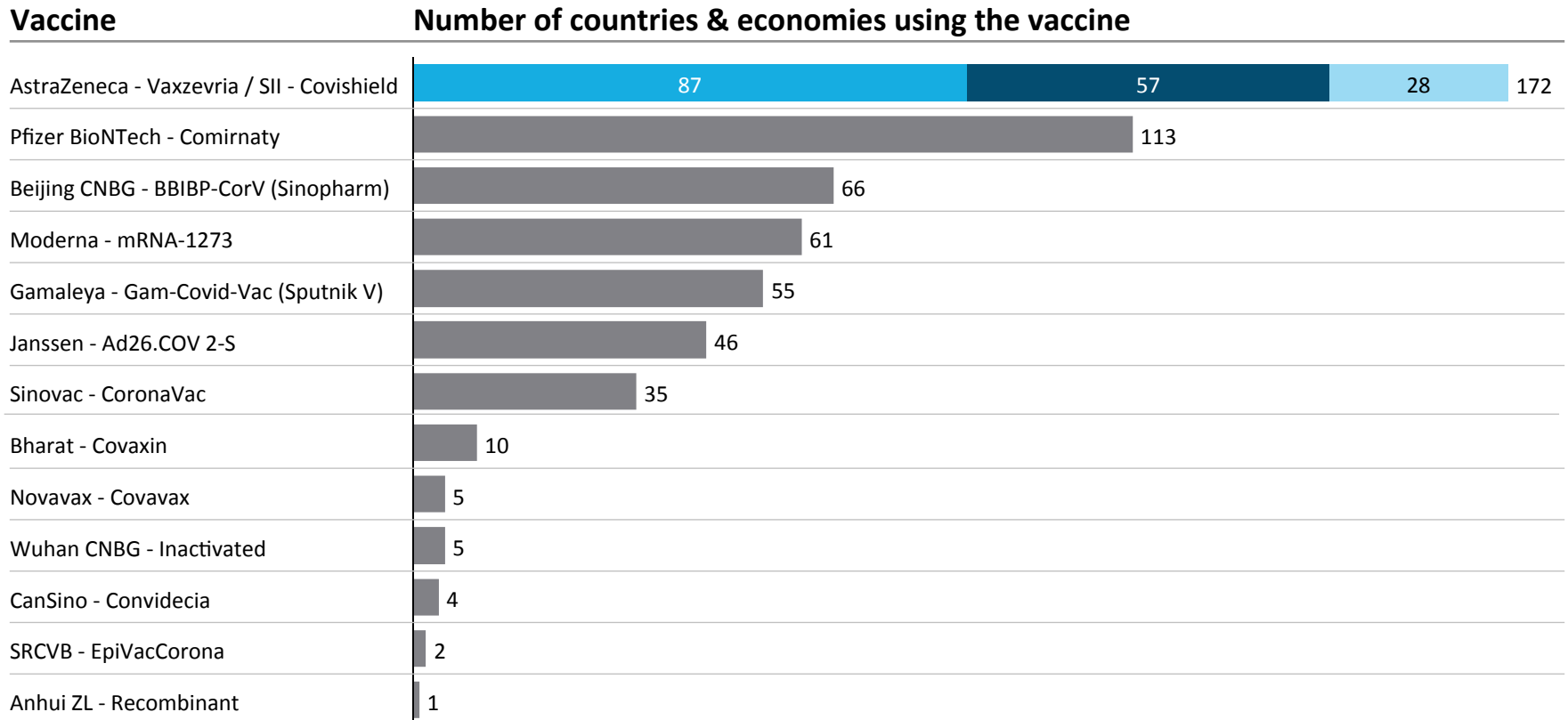
**+1.4%** reported yesterday

# Doses administered per country

Country	Doses Administered	Doses per 1000	Fully Vaccinated Population (%)	Vaccine being used in a country
World	2,220,425,093	292.4	6.2%	
United States	303,923,667	929.0	42.9%	Johnson&Johnson, Moderna, Pfizer/BioNTech
India	233,680,929	172.8	3.4%	Covaxin, Covishield, Oxford/AstraZeneca
Brazil	74,541,089	355.9	11.2%	Oxford / AstraZeneca, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac
United Kingdom	66,749,638	1,003.9	40.3%	Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
Germany	55,546,616	669.8	21.9%	Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
Italy	39,312,253	650.5	22.1%	Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
Mexico	34,600,289	274.2	11.2%	CanSino, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac, Sputnik V
France	33,681,416	502.8	15.1%	Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
Turkey	31,589,838	383.7	16.2%	Pfizer/BioNTech, Sinovac
Russia	31,295,788	214.5	9.3%	EpiVacCorona, Sputnik V
Indonesia	29,616,507	110.6	4.2%	Oxford/AstraZeneca, Sinovac
Spain	28,752,570	615.4	22.0%	Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
Canada	26,855,647	724.7	8.6%	Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
Poland	22,737,088	598.7	22.7%	Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
Chile	19,421,783	1,037.0	44.8%	CanSino, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac

# Of the 15 COVID-19 vaccines now in use, AstraZeneca & Pfizer products remain the most prevalent

■ SII - Covishield only   ■ AstraZeneca - Vaxzevria only   ■ Unspecified or both



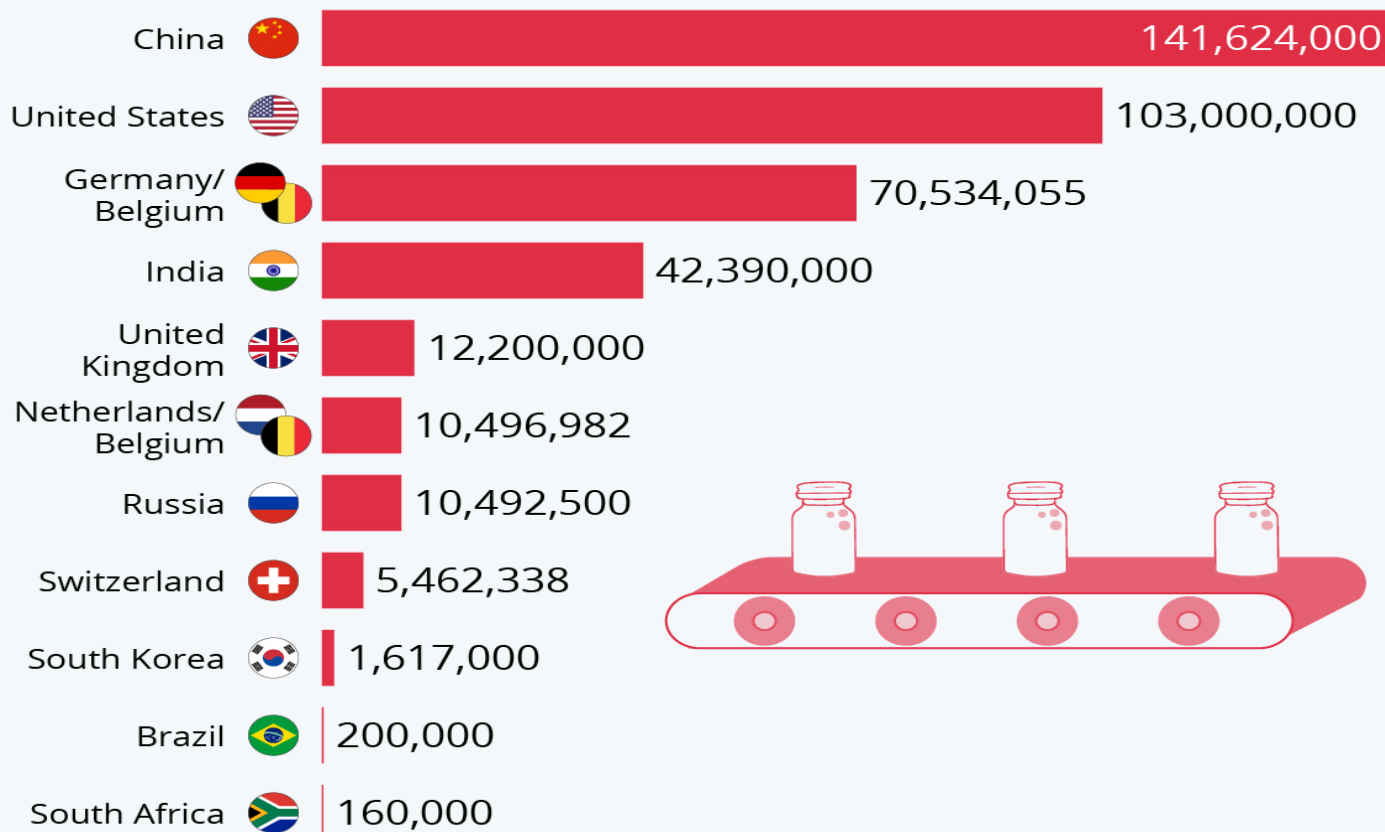
## 32 economies are using 1 vaccine; 177 are using 2 or more vaccines

1. World Bank classification (2021) of 218 economies. Note: The term country, used interchangeably with economy, does not imply political independence but refers to any territory for which authorities report separate social or economic statistics.



# The Countries Dominating Covid-19 Vaccine Production

Total number of Covid-19 vaccine doses produced by country (as of March 03, 2021)



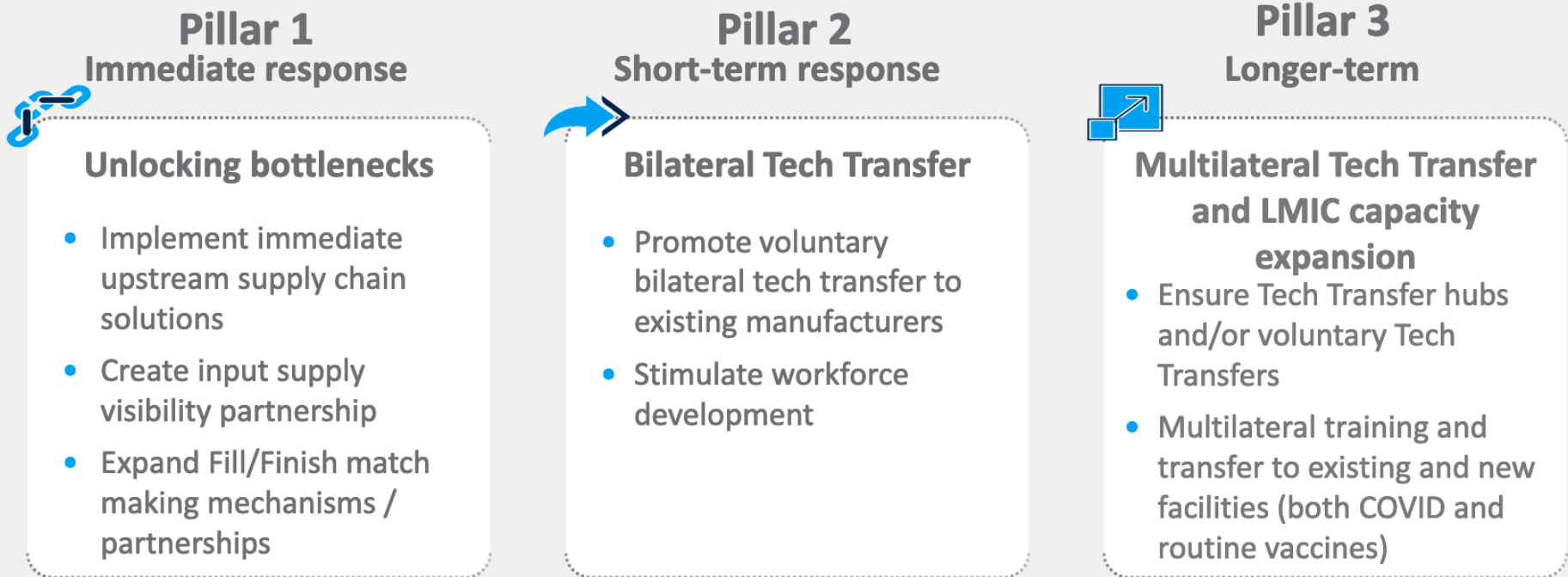
Source: Airfinity



# The COVID Vaccine Capacity Taskforce aims at sustainable regional health security through expanding LMIC vaccine manufacturing capacity

There is an **urgent, near-term need** to unlock additional COVID vaccine supply...

...but a **long-term solution** is also critical to ensure equitable access to vaccines and ensure **regional health security**



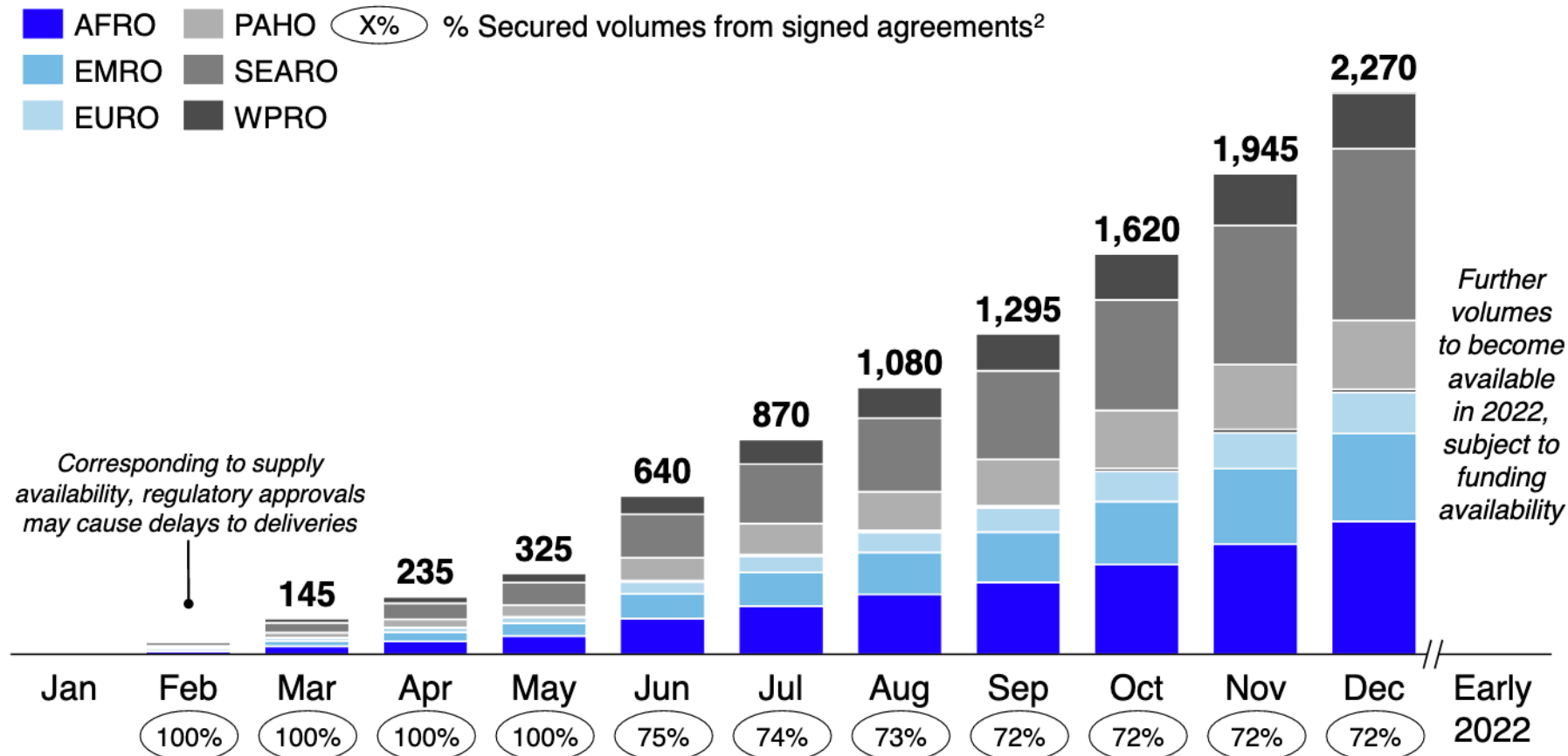
On April 16, WHO issued a call for EOI to establish mRNA vaccine technology transfer hub; to be followed by other technologies: [Link](#)

# COVAX Facility global supply forecast by region

AS PER 2021-01-19

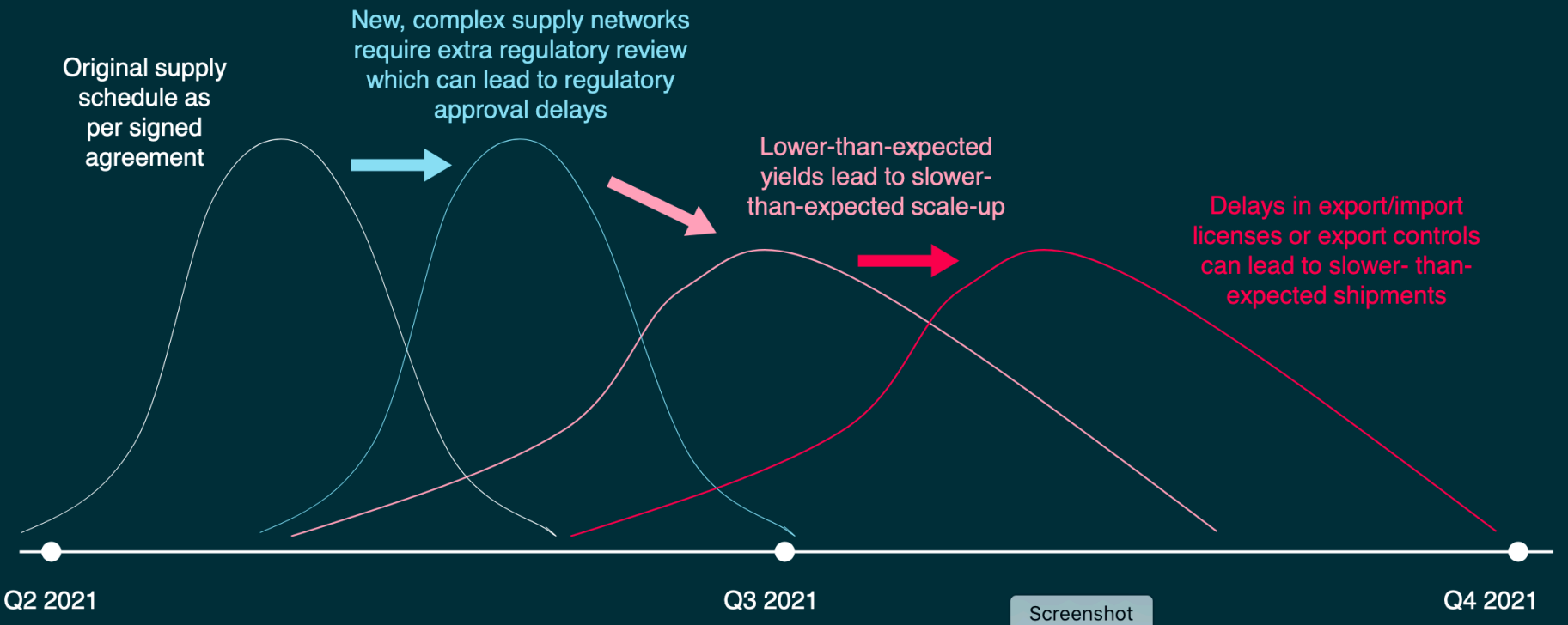
**PRELIMINARY AND SUBJECT TO ASSUMPTIONS**

**COVAX Available Supply, Cumulative, Mn doses, 2021<sup>1</sup>**



# All buyers are facing delays to supply schedules; COVAX is actively monitoring these and putting mitigation measures in place, although some are beyond our control

## Illustrative manufacturer supply schedule





# COVID-19 vaccine country readiness and delivery

← COVAX

**National Deployment plans incomplete**

**Indemnification, no-fault compensation, import regulations**

**Vaccine Adverse Event Surveillance inadequate**

**Cold-chain and Storage**

**High Wastage**

# Malawi to destroy 16,000 expired Covid vaccines

MALAWI

THURSDAY APRIL 15 2021



Churchgoers wash hands as a preventive measure against the spread of the coronavirus at the Saint Don Bosco Catholic Parish in Lilongwe, Malawi on March 22, 2020. PHOTO | AFP

KENYA

# NATION

National Africa World Gender Health Tech Newsplex

## New dates for second dose as India sits on Covid vaccines

Friday, April 16, 2021



President Uhuru Kenyatta and First Lady Margaret Kenyatta looks on as Cabinet Secretary for Health, Mutahi Kagwe takes the Oxford AstraZeneca vaccine alongside several senior State and Government officials at State House, Nairobi on March 26, 2021. PSCU

Screenshot

# Recently, COVAX has released additional trainings and resources to respond to some of the most current needs of countries

## Trainings

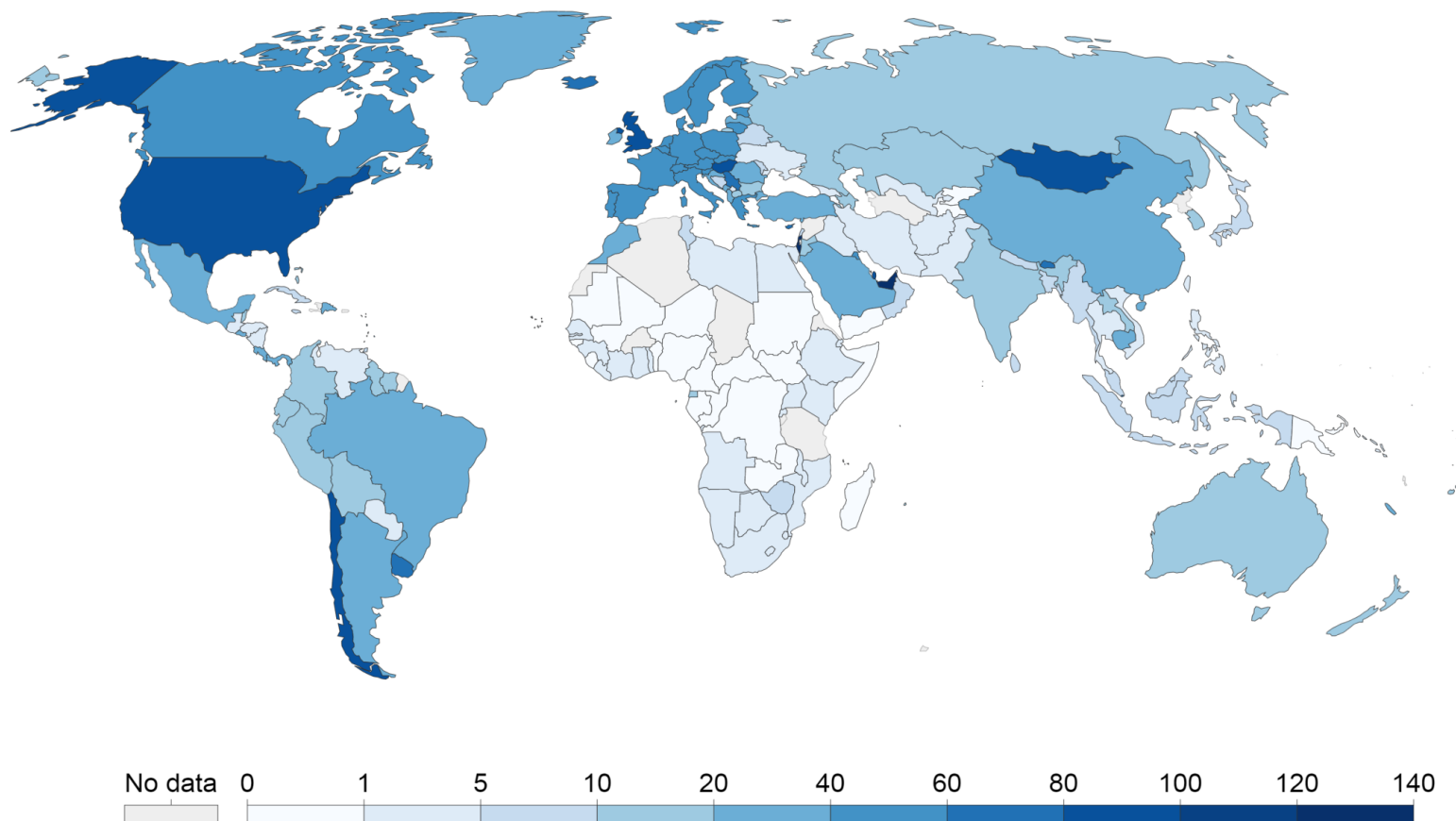
- Short **instructional videos** on how to handle, prepare, and administer the Pfizer, Moderna, AstraZeneca vaccines (Janssen coming soon!)
- **training videos** for identifying and responding to anaphylaxis
- Now available in **all UN languages and Portuguese**

## Latest added resources

- **Job aides** on 1) why there are **extra doses of vaccine in the vials** and 2) supportive supervision checklist
- **Janssen vaccine explainer**
- **Guidance on safe Ramadan practices** in the context of COVID-19
- Many more!

## COVID-19 vaccine doses administered per 100 people, May 25, 2021

Total number of vaccination doses administered per 100 people in the total population. This is counted as a single dose, and may not equal the total number of people vaccinated, depending on the specific dose regime (e.g. people receive multiple doses).





# 1,742M doses of COVID-19 vaccine have been administered<sup>1</sup> in 210 countries, areas, territories & economies<sup>2</sup>

ACTaccelerator  
ACCESS TO COVID-19 TOOLS

Hosted by  World Health Organization

- COVAX participants that received COVAX doses (incl. ones that started with others)
- Economies vaccinating only with bilateral doses or donations
- Economy not yet started vaccinating



**COVAX has shipped  
72.0M doses to 125  
participants<sup>4</sup>**

**1,742M vaccine doses<sup>1</sup>  
have been administered  
globally**

**Campaigns have not yet  
started in 10 countries,  
economies & territories<sup>2</sup>**

Note: The designations employed and the presentation of these materials do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

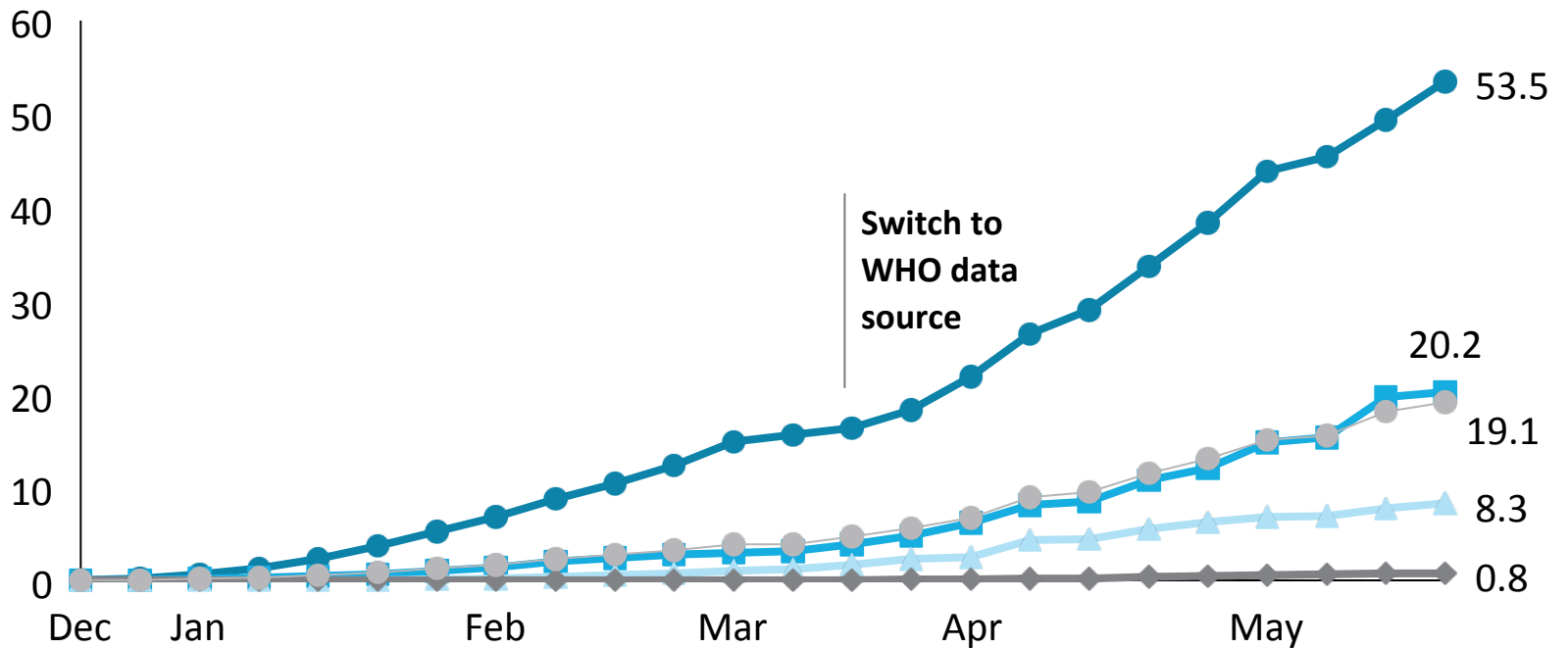
1. Source of data: Bloomberg; 2. Total of 220 countries, areas, territories & economies: 218 economies listed by World Bank + WHO Member states Cook Islands + Niue
3. WHO COVID-19 Dashboard at <https://covid19.who.int/>; 4. Including donations of doses through COVAX

# Inequity is decreasing, but HICs have administered 69x more doses per inhabitant than LICs

● HIC ■ UMIC ▲ LMIC ◆ LIC ● Worldwide

## COVID-19 doses administered per 100 population

Average per income group



Ratio of HIC to LIC

0 doses in LICs

10,000x

200x

84x

69x

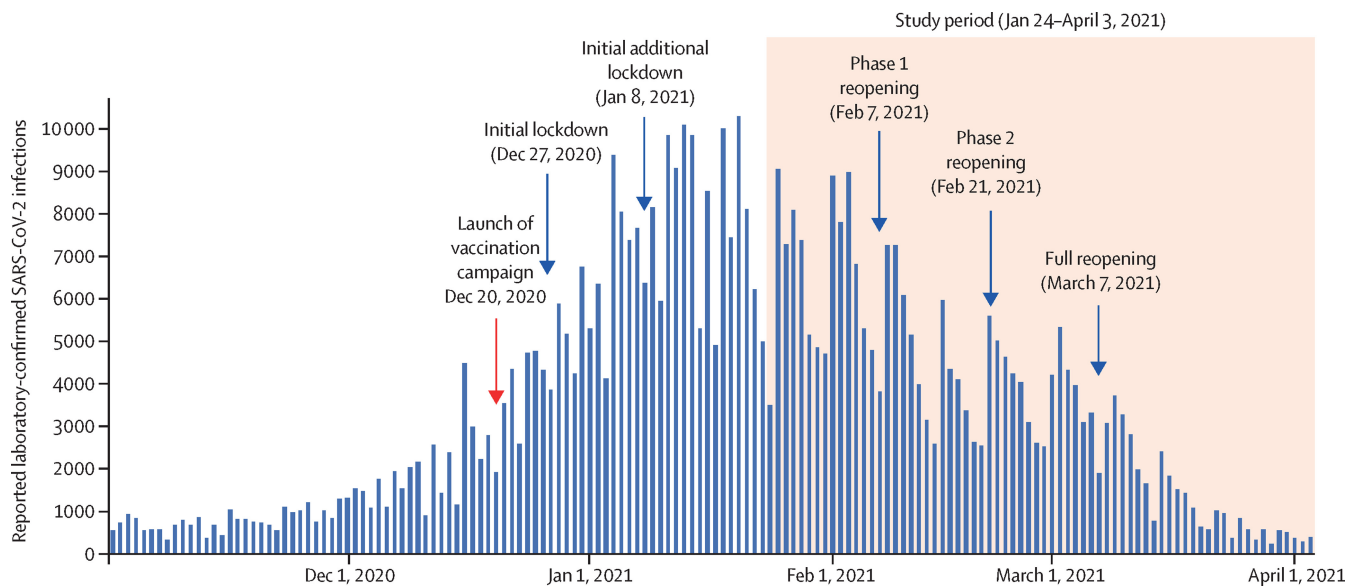
## What is Switzerland`s role?

**Dose-sharing**

**Financial contributions to COVAX**

**Sharing of unused vaccines**





# No-one is safe until everyone is safe – why we need a global response to COVID-19



**GENEVA, 23 May 2021** – "Equitable vaccine distribution is a humanitarian imperative

"There is a choice. The world of the next 10 years can be one of greater justice, abundance and dignity. Or it can be one of conflict, insecurity and poverty.

"We are at a turning point. COVID-19 has been a truly global crisis in which we all have shouldered a burden. In many cases this has caused us to reflect on those longer injustices that have perpetuated in parts of the world where the pandemic is yet another layer of misery, instability and unrest. These inequalities have been exposed and exacerbated by the impact of the pandemic, both between and within countries. The effects will be felt on a global scale for years to come.

**Act now, Act Together**