

DAY 1

# SUPPLY UPDATE

VACCINE  
INDUSTRY  
CONSULTATION  
2023



Overall  
procurement  
statistics in 2022

Overall context  
and priorities for  
2023 and beyond

Procurement  
capacity  
strengthening

Market notes and  
tender calendar

# OVERVIEW OF PROCUREMENT - 2022

45%

of children under  
five reached, in  
over 100 countries

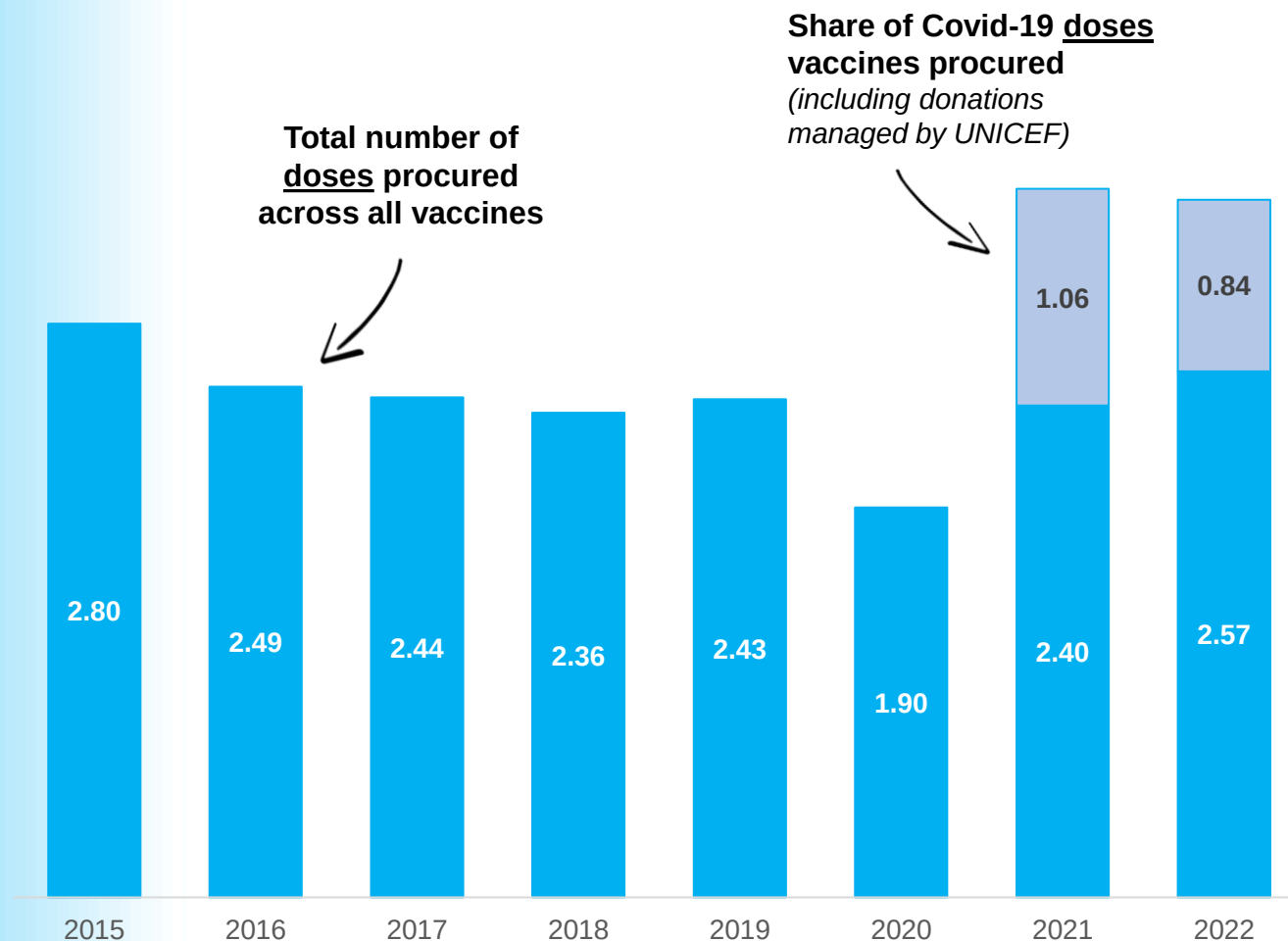
USD 3.7 billion

vaccine procurement  
throughput\*

in 2022  
(from USD 4.1 in 2021)

26

vaccines with  
different product  
presentations

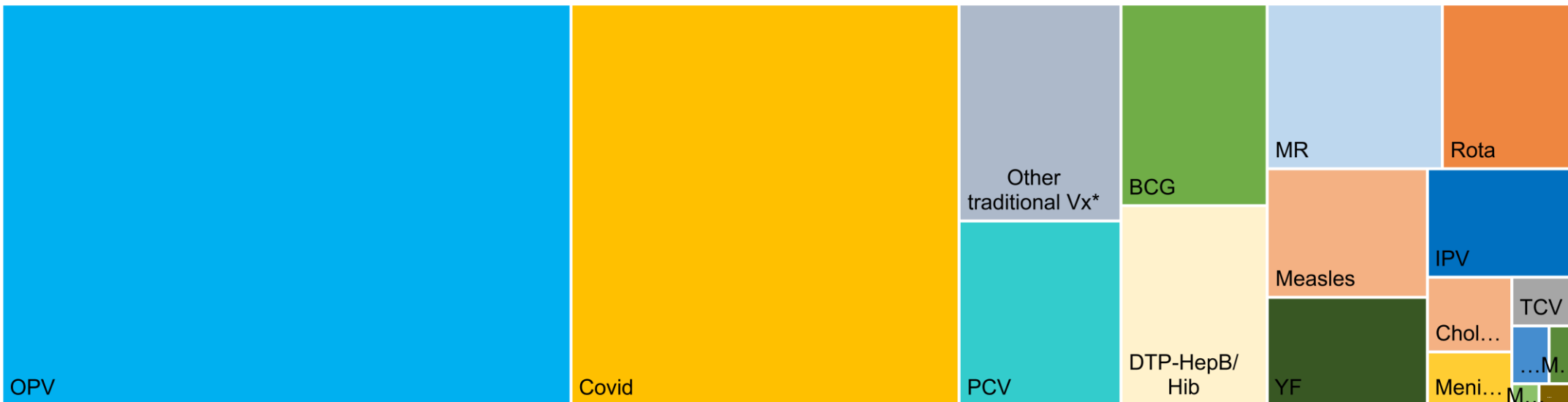


\* Throughput value excludes valuation of COVID-19 vaccine donations managed by UNICEF SD

# OVERVIEW OF PROCUREMENT - 2022

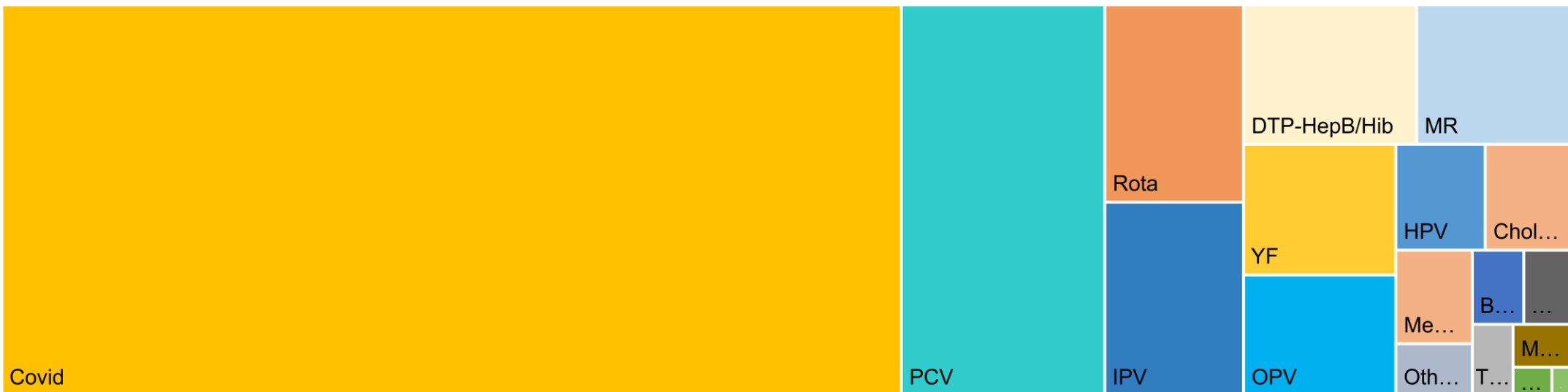
## Distribution of Vaccines procured in 2022, in volume

Based on PO delivery  
date, million of  
doses (excluding  
COVID-19 donations)



## Distribution of Vaccines procured in 2022, in value

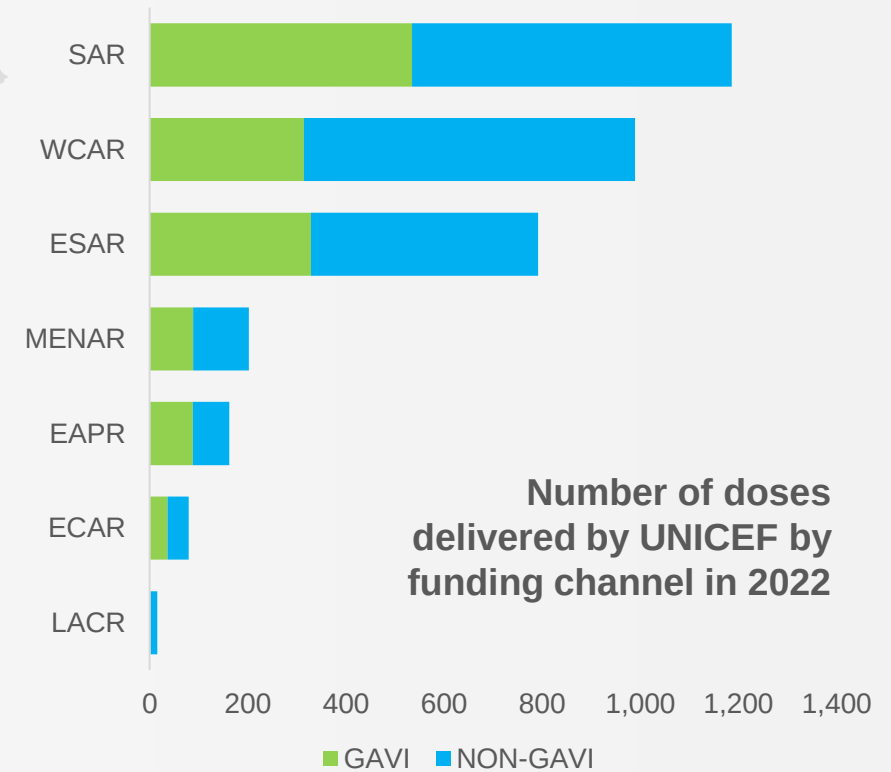
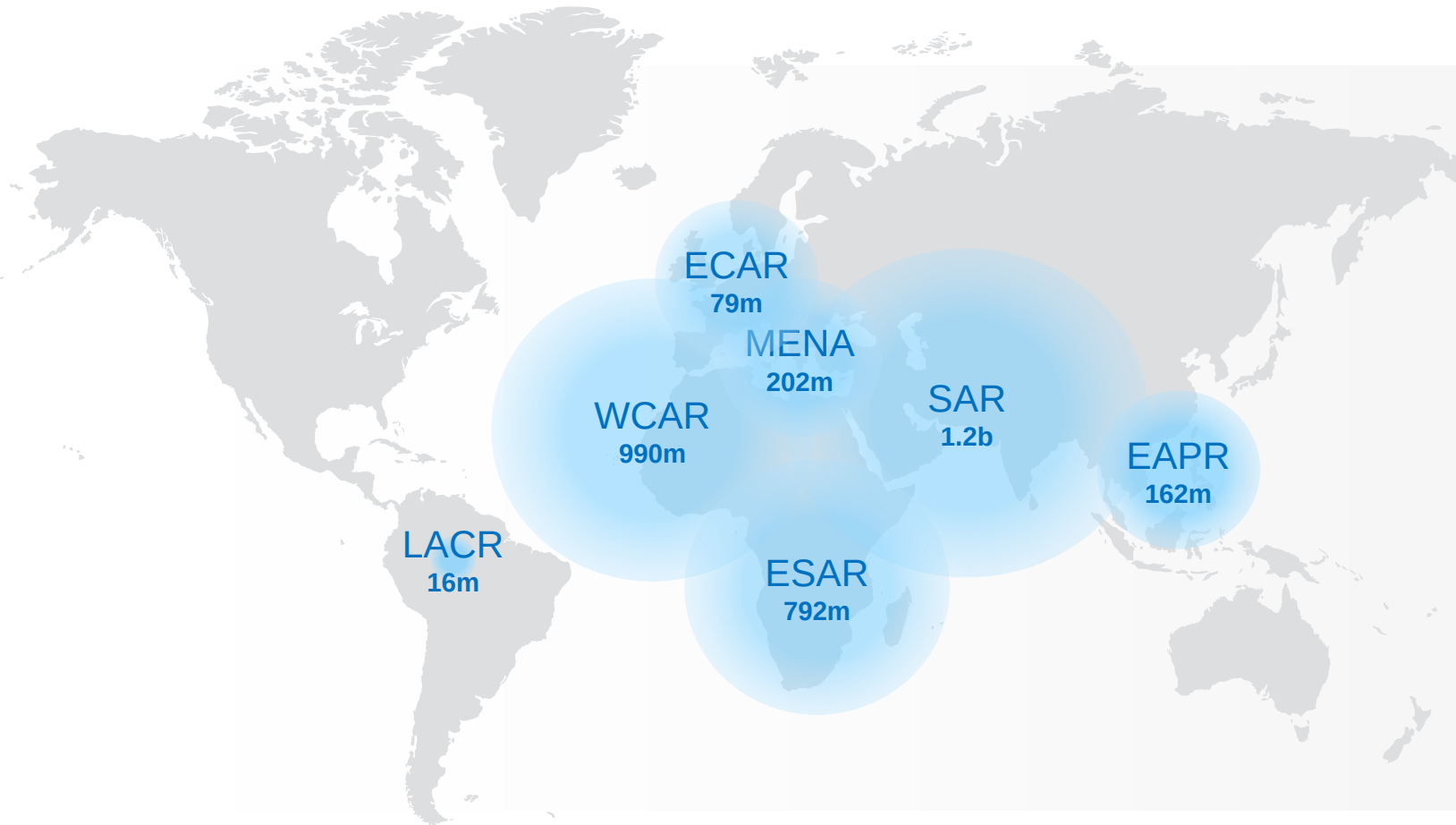
Based on PO delivery  
date, million of  
doses (excluding  
COVID-19 donations)



Other traditional Vx\* (DT, DTP, Hep A, Hep B, TD, Other Vx biological)

# OVERVIEW OF DELIVERIES - 2022

VACCINE  
INDUSTRY  
CONSULTATION  
2023

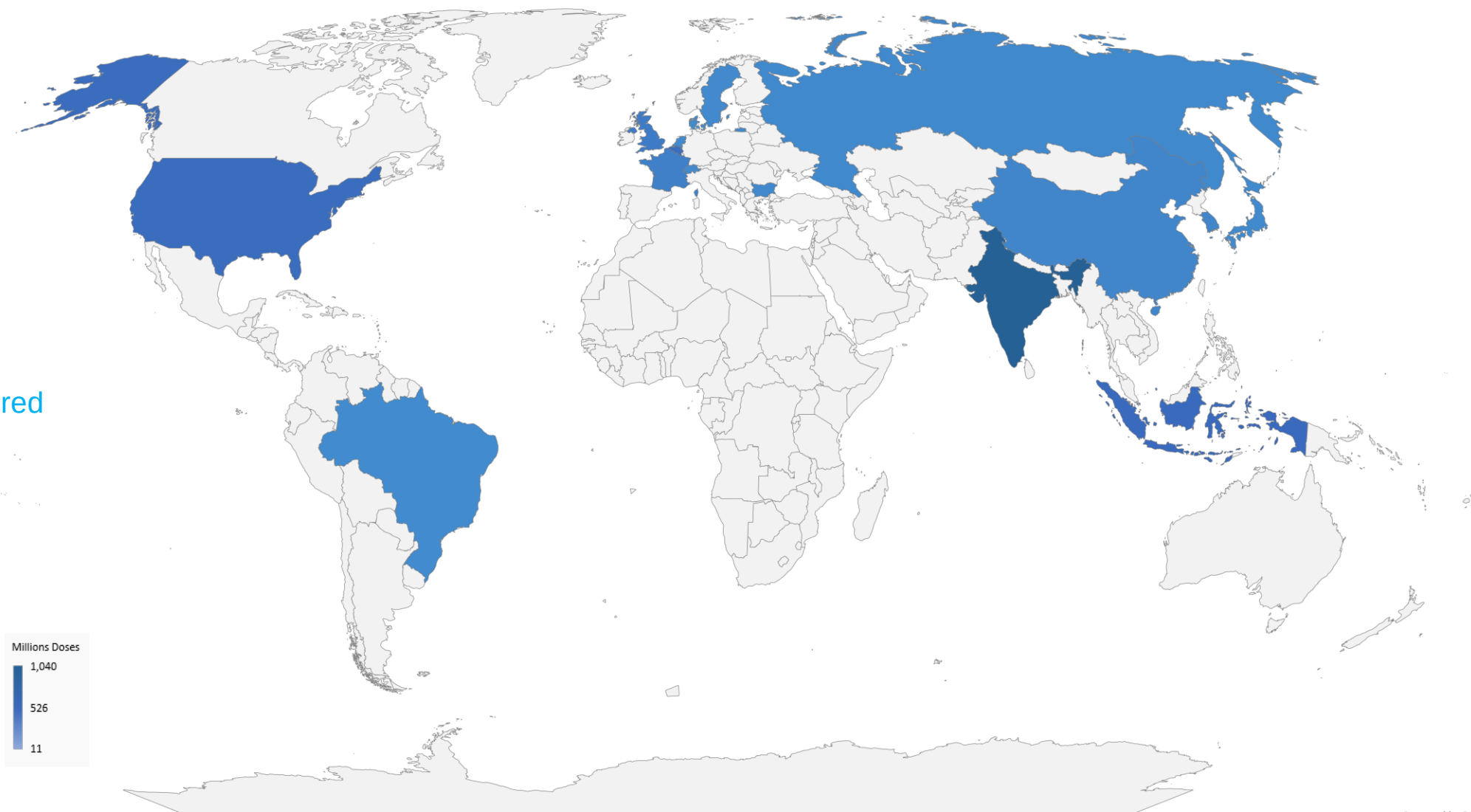




# DIVERSIFIED PORTFOLIO OF VACCINE MANUFACTURERS

>50%

of vaccines are procured  
from developing  
countries



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# CONTEXT – Trends and Challenges



## Increased number of emergencies

Currently 4 level 3 emergencies and 7 level 2 emergencies, as well as outbreaks.  
Drop in coverage leads to increased number of outbreaks.  
Impact of climate change and increasing instability in several regions.



## Fiscal space and economic stress

Continued economic impact of the Covid-19 pandemic affecting a number of countries, combined with high inflation rates and impact of the war in Ukraine. Overall increased fragility with risk of backsliding for several countries.



## Post-covid recovery

Slow recovery following the drop in coverage during the pandemic during which health systems have been affected.  
Global efforts to recover and reach missed children.



## Regional Manufacturing & Procurement

Confirmed focus on local and regional manufacturing, and continued emergence of regional procurement hubs.



## Innovation

Opportunities with product innovations (microarray patches, heat stable vaccines), platform technologies, small footprint, low(er) costs, scalable, modular, manufacturing facilities, etc.



## Global health landscape

Developments in the global health landscape, focus on pandemic preparedness and response.  
Initial shaping of Gavi 6.0.  
Recent changes at senior level (Gavi, UNICEF).



# CURRENT PRIORITIES

VACCINE  
INDUSTRY  
CONSULTATION  
2023

COVID  
programme  
transition and  
future pandemic  
preparedness

Post Covid-19  
recovery:  
HPV relaunch  
Catch up &  
recovery

Focus on  
regional  
manufacturing  
and support to  
procurement  
hubs

Malaria  
Launch

Increased focus  
on financing and  
support to MICs

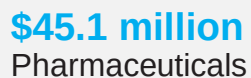
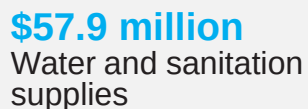
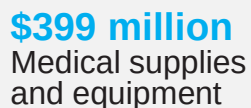
Increased efforts  
towards Polio  
eradication

Focus on  
sustainability



Total procurement for  
**140 countries and areas.**

Globally, the largest commodity groups were



# OUTBREAK RESPONSE OVERVIEW IN 2022

## POLIO/GPEI

566 million doses

Nigeria,  
Tanzania,  
Mozambique,  
DR Congo,  
Ethiopia,  
Egypt,  
Somalia,  
Niger,  
Malawi,  
Zambia,  
Ghana,  
Cameroon,  
Chad,  
Uganda,  
Madagascar, etc.

## MEASLES RUBELLA INITIATIVE

22 million doses

DR Congo,  
Zambia,  
Yemen,  
Niger,  
Ethiopia,  
Congo,  
Afghanistan,  
Mali,  
Cameroon,  
Mauritania,  
etc.

## INTERNATIONAL COORDINATION GROUP

35 million doses

Cameroon,  
Malawi,  
Bangladesh,  
Pakistan,  
Somalia,  
Syria,  
Niger,  
Lebanon,  
Haiti,  
Ethiopia  
etc.

624 million doses delivered  
in 2022

# INNOVATIONS

## THE NEED

Innovations in **vaccine products, manufacturing and systems** to better meet **country needs** and support Alliance goals on immunisation **coverage and equity** as well as **pandemic preparedness and response**

### Vaccine product innovations

Vaccine product innovation in **vaccine delivery**:



Microarray patches



Heat stable and CTC qualified vaccines



Barcodes on primary / secondary packaging

### Manufacturing innovations

- Platform technologies, WHO Hub-spoke program (mRNA)
- Small footprint, low(er) costs, scalable, modular, manufacturing facilities
- 100-day manufacturing vision, manufacturing (scaling) networks

### Systems innovations

Enabling systems for **track and trace of vaccines**:

- **TR**aceability and **V**erification **S**ysTem  
(**TRVST**, pronounced as “trust”)
- eLMIS scale-up strategy

Global  
Partnerships



Immunization Agenda 2030

# SUSTAINABILITY

First steps have been made towards sustainable vaccine procurement over the years. Now, UNICEF is developing a comprehensive **sustainable\* procurement strategy** for the years to come

Environmental  
Social  
Economic → sustainability

**UN Supplier Code of Conduct**  
Companies doing business within the United Nations are required to accept and comply with the UN Supplier Code of Conduct



**VC Unit mandate to deliver SP Strategy**  
Accelerating recovery from COVID-19 triggered a refocus on UN 2030 SDGs - Director's Office provided each SD Centre the mandate to develop a SP strategy



Sustainable Vaccine Procurement

Now

**UNICEF Sustainable Procurement Procedure**

The Procedure sets a path toward sustainable procurement embedded, as and when applicable, in different stages of its global supply operations



**Vaccine Centre Baseline assessment**

The 2018-2019 baseline assessment leveraged six output indicators



**Vaccine Centre Sustainable Procurement**

UNICEF aspires to be more sustainable in vaccine sourcing and procurement, and requires a long-term strategy to do so



*Note:* Including many other directives; the UN Convention on the Rights of the Child, the Framework for Advancing Environmental and Social Sustainability in the UN system, the UNICEF Executive Directive on addressing the impact of climate change on children

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# PROCUREMENT STRENGTHENING ACTIVITIES

## RESOURCES



### Strategic Vaccine Procurement Assessment Toolbox

A standardized methodology for governments to assess their own national vaccine procurement processes



### Strategic Vaccine Procurement e-learning course

e-course to guide users on how to identify & understand the strategic vaccine procurement cycle & processes to ensure sustainable access to affordable vaccines.

Launched globally in Q1 this year

## PEER TO PEER KNOWLEDGE EXCHANGE



### Vaccine Procurement Practitioners Exchange Forum (VPPEF)

Country buyers & partners exchange good practices & expertise  
11 Forums (global & regional) held since 2015  
Increasing demand from members & partners

Latest global VPPEF held in June 2023



### Vaccine Procurement Practitioners Network (VPPN)

Online platform Exchange  
>50 countries represented  
Knowledge sharing/ development - Monthly webinar/ e-discussions

Q&A series launched this year



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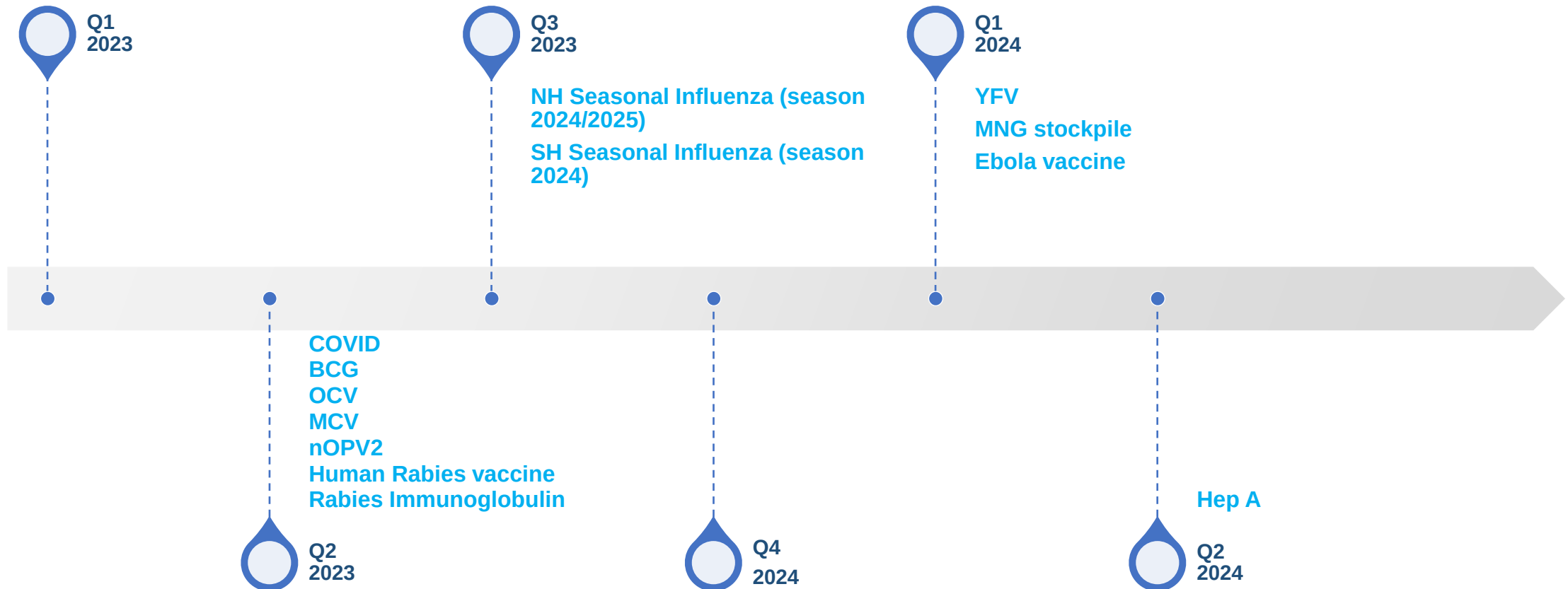
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# TENDER CALENDAR

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CONSULTATION  
2023



# RESOURCES

**UNICEF Price data overview**

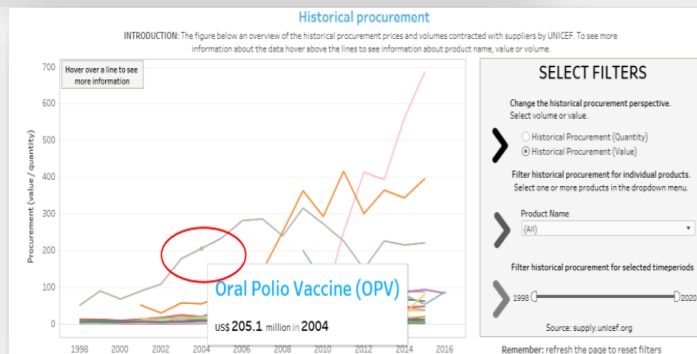
**Background:** UNICEF procures key essential and strategic products for children. In order to provide greater transparency, UNICEF publishes historic, current, and future awarded prices for some essential and strategic products. The data overview has been prepared in consultation with UNICEF suppliers to make pricing information transparent. The prices UNICEF lists are based on UNICEF's mandate, aggregate quantities, commercial terms, forecast reliability, payment terms, and other long-standing relationship with industry. All prices listed are in US Dollar. Euro prices have been converted at the UNICEF rate of exchange published by [treasury.un.org](https://treasury.un.org/). Where manufacturers list price ranges, a high and low spot price is listed.

**Information disclosure policy:** UNICEF Executive Board document E/ICEP/2009/15 (the 'Accountability Report'). UNICEF will make available reliable and timely information about existing conditions, decisions and actions relating to the activities of the organization, in an accessible, visible and understandable manner, unless the information is deemed confidential. UNICEF makes public its major international procurement solicitation notices and its international awarded contracts. These are made public at UNICEF Supply Division's website and the UN Global Marketplace. UNICEF Supply Division's website also provides annual procurement data by vendor, country, amount, type of services/goods. UNICEF's policies and procedures are progressively being made available on the UNICEF global website.

For further questions or additional information, please contact: [supply@unicef.org](mailto:supply@unicef.org) stating subject matter "Price Transparency"

**SELECT CATEGORY**

Cold Chain Equipment Mosquito Nets Nutrition Safe Injection Equipment Vaccines



## Useful resources

Contracts Awards

[link](#)

Emergency stockpile availability (OCV/ Meningococcal/YFV)

[link](#)

Strategic Tender Calendar

[link](#)

UNICEF Market Notes

[link](#)

UNICEF Product Menu

[link](#)

Vaccine Pricing data

[link](#)



## Market Notes published in 2021-2023

- Diphtheria tetanus pertussis containing vaccines update [JUN 2023](#)
- Malaria Vaccine (Q&A update) [JUL 2023](#)
- Typhoid conjugate vaccines (TCV) supply and demand update [DEC 2022](#)
- Measles-containing vaccines (MCVs) supply and demand update [OCT 2022](#)
- Rotavirus Vaccine [JAN 2022](#)
- Japanese Encephalitis [NOV 2021](#)

## Upcoming Market Notes to be published

- Bivalent Oral Polio Vaccine
- DTP- containing vaccines
- Ebola Vaccine
- Inactivated Polio Vaccine
- Measles Containing Vaccines
- Oral Cholera Vaccine
- Tetanus-Diphtheria vaccine
- HPV
- Yellow Fever Vaccine

Available on  
[www.unicef.org/supply/  
/market-notes-and-  
updates](https://www.unicef.org/supply/market-notes-and-updates)

QUESTIONS



DISCUSSION



# THANK YOU

VACCINE  
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2023