

OUTLINE

- UNICEF Forecasting Exercise
 - □ Key Resources





UNICEF has over 30 years of experience in procuring vaccines and vaccine related supplies on behalf of partners from around 100 countries

2018

Vaccines: US\$ 1.45 billion

2.35 billion doses

2,628 shipments

Full Schedule

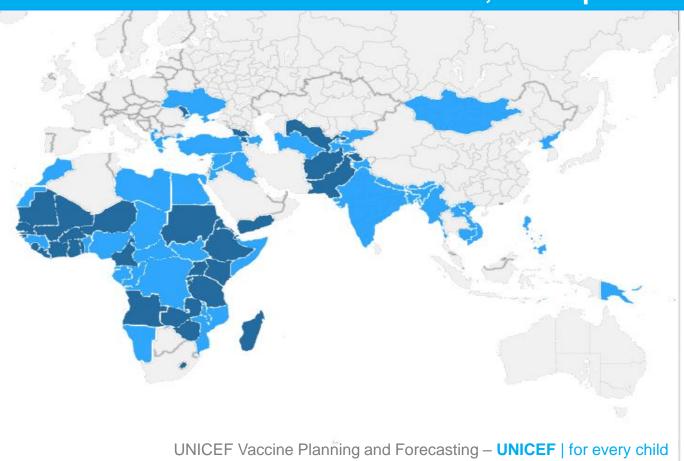
Partial Schedule

2018 Forecast Target Countries

Vaccines

BCG, DTP, TT/Td, OPV, HepB, YF, Penta, MCV, Meningococcal, PCV, IPV, HPV, JE, OCV, Rota, TCV, Hep A, Rabies

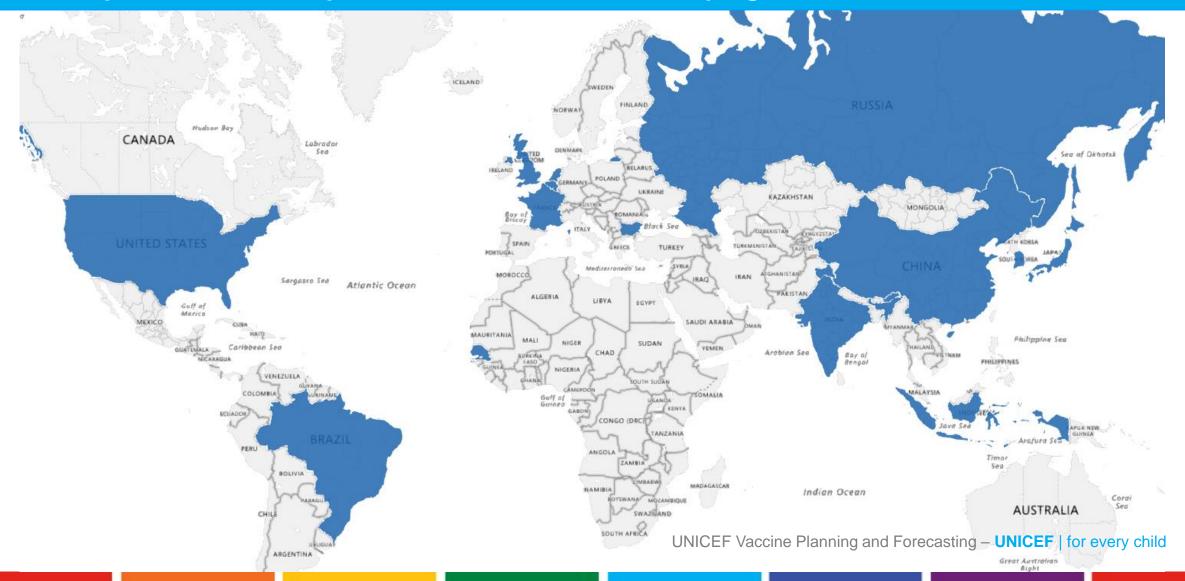
Safe Injection Equipment
Cold Chain Equipment



This map does not reflect a position by UNICEF on the legal status of any country or territory or the delimitation of any frontiers.

Diversified Portfolio of Vaccine Manufacturers

UNICEF procures over 50 per cent of doses from developing countries



UNICEF's procurement is focused on

achieving Vaccine Security

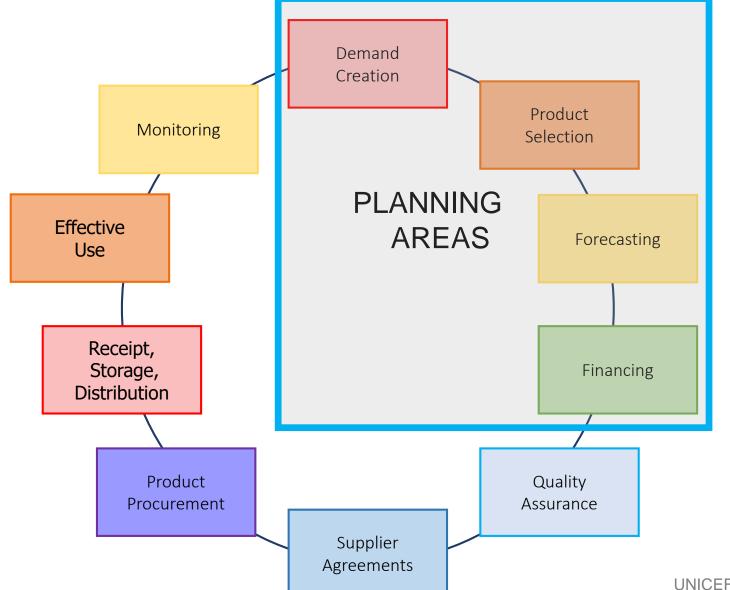
Vaccine Security: The sustained, uninterrupted supply of affordable vaccines of assured quality through available funding, accurate forecasting & appropriate contracting

UNICEF implements a Vaccine Security approach:

- To achieve value for money & access to vaccines for children in need
- To secure healthy markets
- To ensure quality of vaccines



Planning: Key Element in the Supply Chain

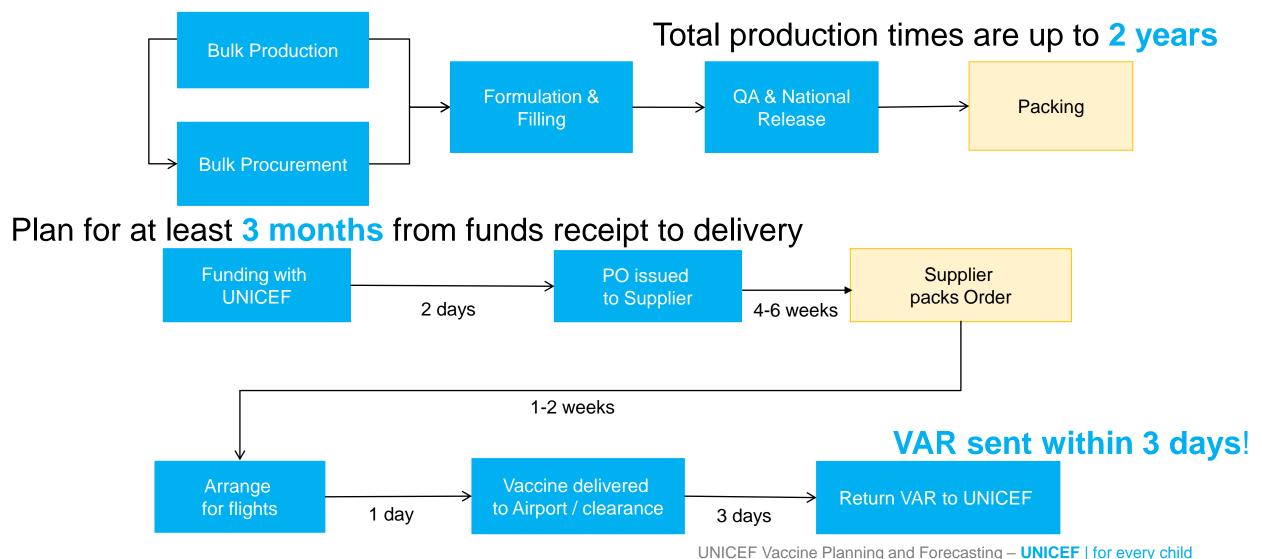


Supply planning not only focuses on commodities and financing, but must also take into consideration the capacity and context of a country. It must consider the whole supply chain:

- In-country infrastructure & distribution network
- Cold Storage Capacity
- Parallel products integrated campaigns
- Routine and Campaign activities
- Mode of shipment
- Vaccine lead times

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Planning -> Critical to Ensure Sustained & Uninterrupted Supply of Vaccines & Avoid Stockouts!

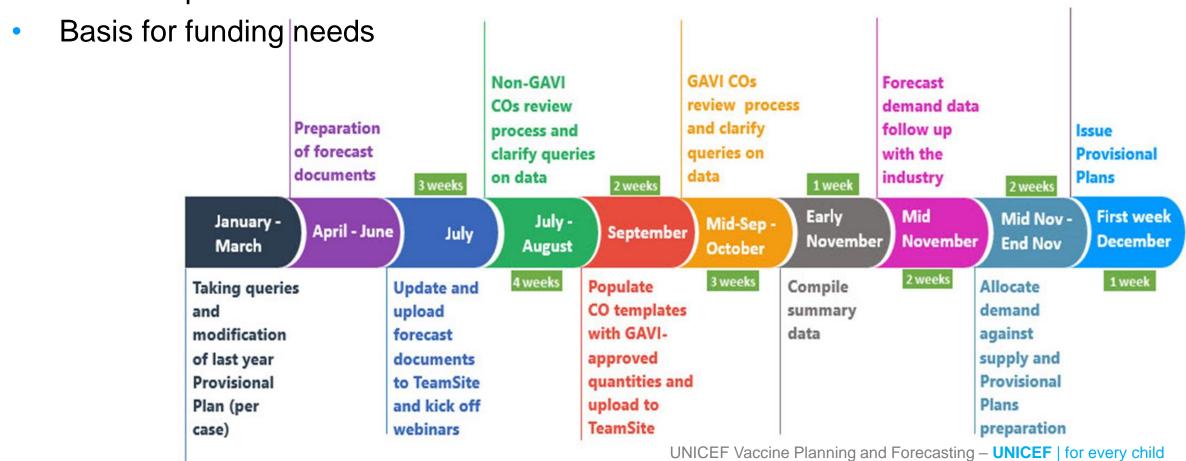


UNICEF Annual Immunization and Malaria Forecast

Integrated part of Country Immunisation Programmes -> Effective Vaccine Management

Forecasting is the foundation for all elements of Vaccine Security:

Basis for production at manufacturers



UNICEF Forecast -> More than Demand Generation

- ☐ UNICEF shares intelligence on:
 - vaccine market constraints
 - new product presentations
 - upcoming tenders
 - novel and future vaccines

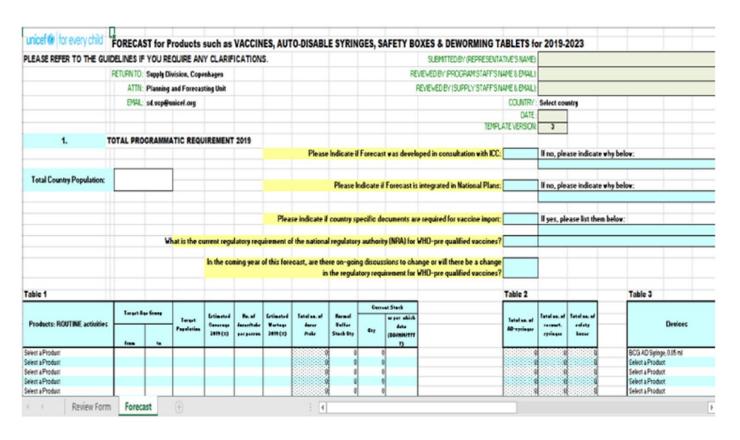
- ☐ Countries share:
 - Regulatory requirements
 - Stock out information







Stock Figures











Programme Targets

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UNICEF Engagement in the Region

Moldova

- Routine immunization procurement
- VPPEF/VPPN
- Annual Forecasting
- Post-Transition Gavi Support

Serbia

VPPEF/VPPN

North Macedonia

VPPEF/VPPN



Georgia

- Routine immunization procurement
- VPPEF/VPPN
- Annual Forecasting

Armenia

- Routine immunization procurement
- VPPEF/VPPN
- Annual Forecasting

Uzbekistan

- Routine immunization procurement
- VPPEF/VPPN
- Annual Forecasting
- Gavi TCA support



Emergency - Visibility on Stockpile Levels: Vaccines in Constrained Supply

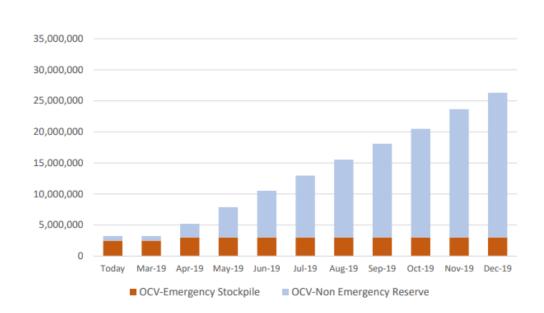
2019 Cholera Emergency Stockpile

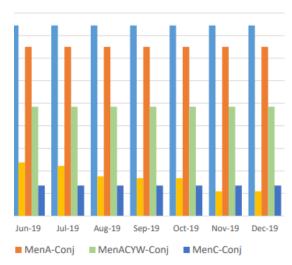
Monday, 25 March 2019 coccal Emergency Stockpile

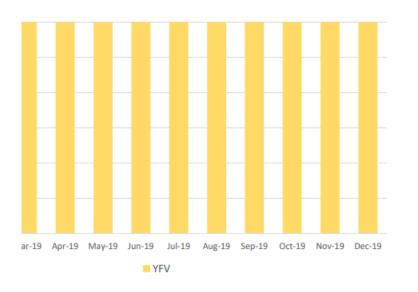
2019 Yellow Fever Emergency Stockpile

Monday, 25 March 2019

Monday, 25 March 2019







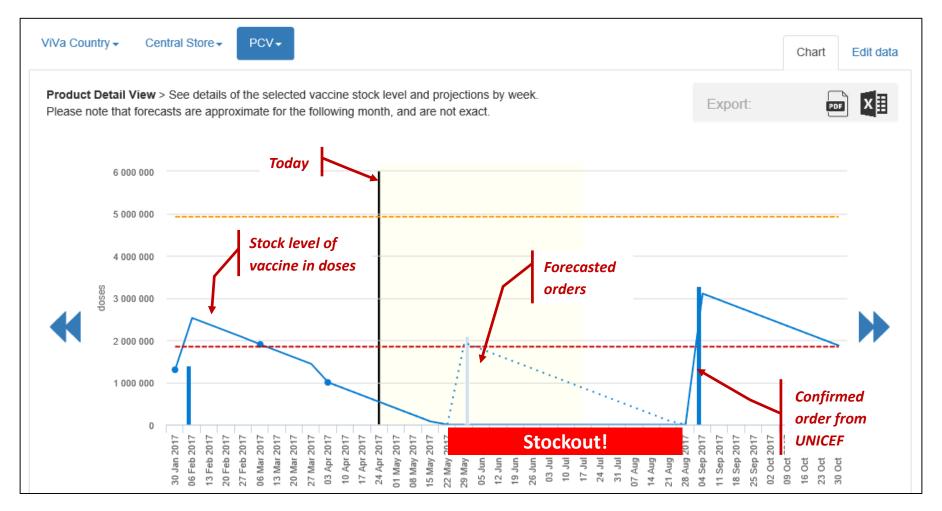
Vaccine type	Presentation	Quantity available (doses)	Expiry date	WHO PQ	Cold Chain volume (sec.packaging) (cm3/dose)	Shipment costs *
OCV -1 dose	Plastic tube	2,229,950	N/A	Yes	7.8	\$0.060
OCV -1 dose	Glass vial	990,040	N/A	Yes	16.8	\$0.129
Total cur	rent availability	3,219,990				

	ity			Cold Chain								
	ole s)	Expiry date	WHO PQ	volume (sec.packaging) (cm3/dose)	Shipment costs *		Quantity available (doses)	Expiry date	WHO PQ	Cold Chain volume (sec.packaging)	Shipment costs *	
	1,410	Dec.2019		2.50	\$0.040 \$0.040					(cm3/dose)		
	2,910 4,320	Sep.2020	No	2.50		dose vial	6,000,000	N/A	Yes	1.4 - 2.96	\$0.043	
Η	6,000	Sep.2019	No	3.20	\$0.031	availability	6,000,000					
9	6,500	Nov.2019		3.20	_							
	6,500	Mar.2020	No	3.20	\$0.031	Loost per dose	ost per dose based on simulated order					
	9,000											

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https://www.unicef.org/supply/index_94563.html

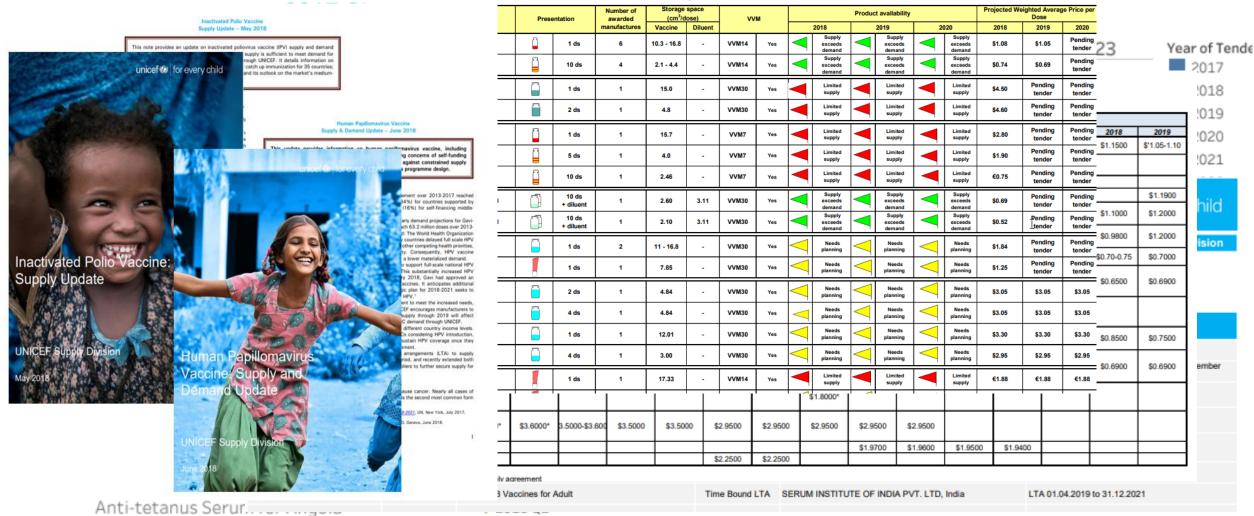
ViVa is a free online tool that shows current stock levels and future stock projections, including confirmed and forecasted orders from UNICEF. ViVa helps countries to see if their stock levels are sufficient before the next order arrives, and whether additional funding is needed to confirm an order.



For more information: contact viva@unicef.org
ViVa website https://www.vivaplatform.org/en/Footer/About-ViVa

Key Market Updates

PRODUCT MENU FOR VACCINES SUPPLIED BY UNICEF FOR GAVI, THE VACCINE ALLIANCE



+2019 Q1

Visit UNICEF's website on market updates:

https://www.unicef.org/supply/

(Human) Rabies Vaccine

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Price Transparenc

Equipment

Visit UNICEF's webpage on vaccine price data: https://www.unicef.org/supply/index_102225.html

UNICEF Price data overview

Background: UNICEF procures key essential and strategic products for children. To provide greater transparency, UNICEF publishes historic, current, and future awarded prices for some essential and strategic products. UNICEF lists prices based on it's mandate, commercial terms, and long standing relationship with industry. All prices are in US Dollar. Euro prices are converted at the UN-official rate of exchange published by https://treasury.un.org

Information disclosure policy: Ref. UNICEF Executive Board document E/ICEF/2009/15 (the 'Accountability Report'): UNICEF makes reliable and timely information available about existing conditions, decisions, and actions related to the organization's activities, in an accessible, visible, and understandable manner, unless deemed confidential. UNICEF makes public its international procurement solicitation notices and awarded contracts. UNICEF publishes the information on UNICEF Supply Division's website and the UN Global Marketplace. UNICEF Supply Division's website also provides procurement data by vendor, country, amount, and type of services/goods.

For further questions or additional information, please contact: supply@unicef.org stating subbject matter "Price Transparency"

REMEMBER: Refresh browser page to reset filters if needed... See Arrow BOTTOM RIGHT

SELECT CATEGORY

Mosquito Nets





Vaccines

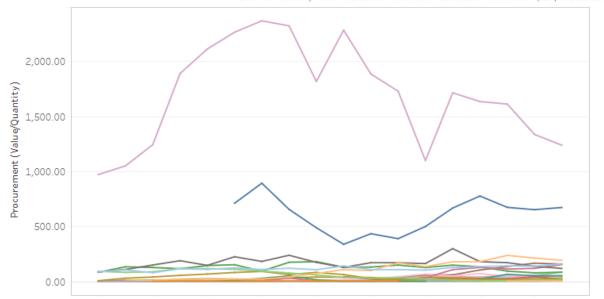


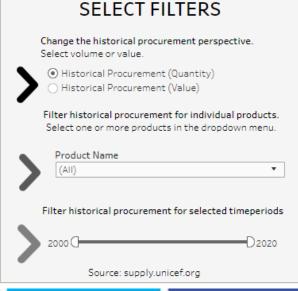
Hover over a line to see more information

Historical procurement

Nutrition

NTRODUCTION: The figure below provides an overview of UNICEF's historical procurement prices and volumes it contracts through suppliers. To see more information, hover the cursor over the lines to see information per product details, value or volume





News >

Emergencies v

iunization, Vaccines and Biologicals

A: Vaccine Purchase Data



4A/V3P vaccine purchase x. 482kb



contains information on vaccine prices

The MI4A/V3P

purchase

volumes, manufacturers, procurement modalities, contract length and more as reported by over 150 countries

reting MI4A / V3P data

w to interpret the data: factors to consider when comparing vaccine price . 273kb



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Networking, Knowledge Exchange & Peer Learning

- UNICEF Launched online forum
 (http://www.vppnetwork.org/) to support peer-to-peer exchange... The Vaccine Procurement Practitioners
 <u>Network</u> (VPPN)
- UNICEF is working with partners (Gavi, BMGF, R4D) to integrate within knowledge sharing platform for Gavi transitioning countries
- Regional/sub-regional VPPEFs





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UNICEF SD Projects – Some new initiatives

- Vaccine procurement assessment toolbox >
 standardized methodology governments can use to
 assess national vaccine procurement processes
- Vaccine procurement e-learning course → Under development
 - Collaboration with partners
 - Piloting/feedback from partners (incl. government counterparts) on the ground

