LIFE COURSE AND INTEGRATION





WEBINAR SERIES

Opportunities for integrating COVID-19 vaccine with essential immunization services within primary health care

19 April 2023

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COVID-19 Integration

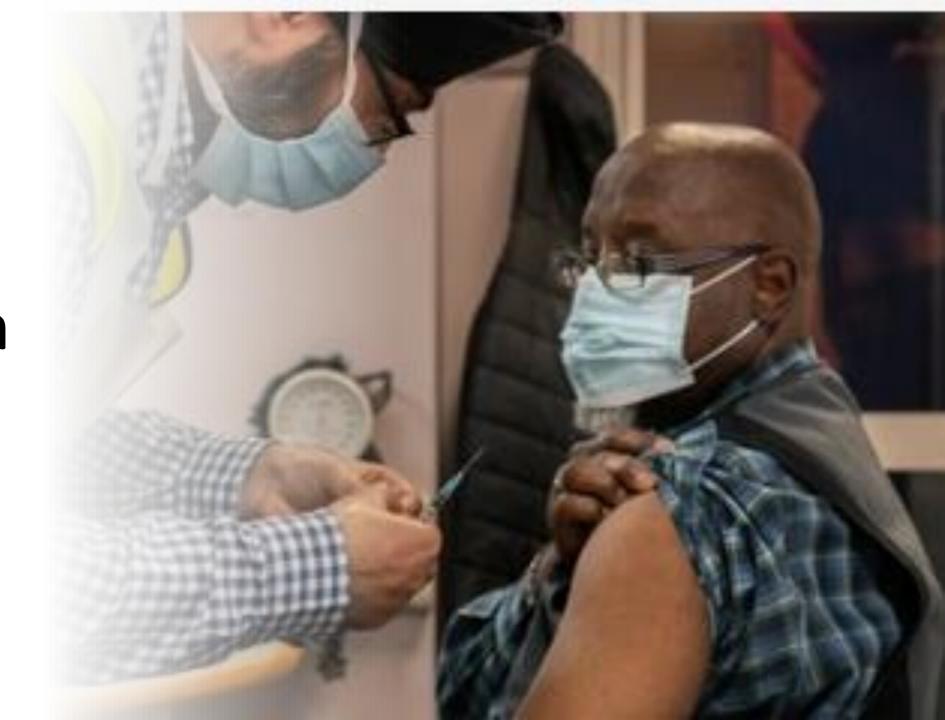
IA2030 Life Course & Integration webinar 19 April 2023

COVID-19 Vaccine









- WHAT is the global status of COVID-19 vaccination?
- WHAT is COVID-19 integration?
- WHY is COVID-19 integration important?
- WHICH SUPPORT is available to countries for COVID-19 integration?



Key global figures on COVID-19 vaccination

Current	1-Month Change	
13.3bn	94M	doses of COVID-19 vaccines have been administered globally
89 %	-0%	of health workers have received a complete primary series across WHO MS
82 %	-0%	of older adults have received a complete primary series across WHO MS
66 %	-0%	of the general population has received a complete primary series across WHO MS – 23% in LICs



Member States have vaccinated more than 70% of their population 138

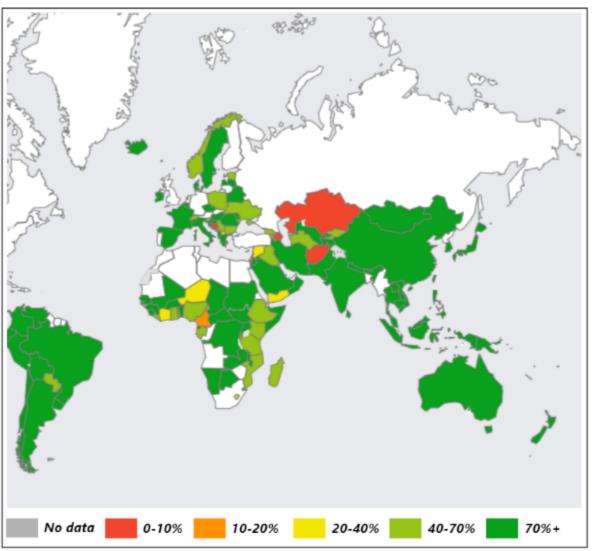


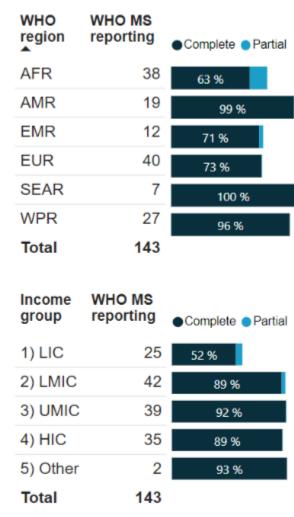
Member States have vaccinated more than 40% of their population 186

Member States have vaccinated more than 10% of their population 186

Member States have started booster / additional dose programs

Healthcare worker coverage across reporting WHO Member States





143

WHO MS have reported at least once on healthcare worker vaccination coverage

59 %

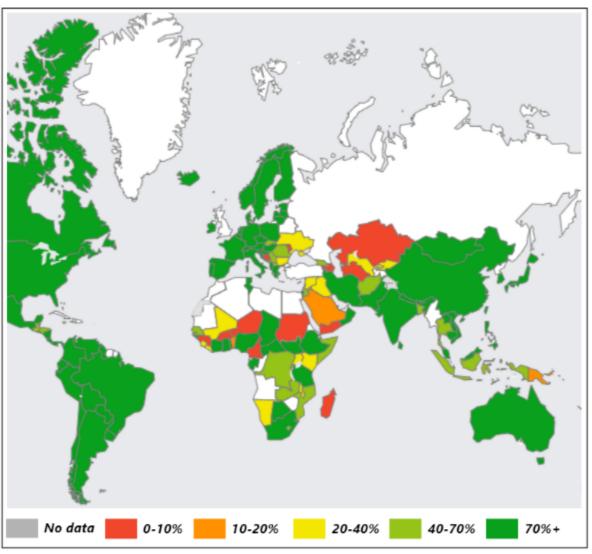
of healthcare workers are in reporting WHO MS of total healthcare workers in all WHO MS

89 %

of total healthcare workers with a complete primary series across reporting WHO MS

Notes: Coverage figures are capped at 100%. Target population definitions vary, especially across HICs; this can impact uptake figures reported. Estimated healthcare worker population sizes vary by source (ILO vs. country reports). A correction factor was applied to countries reporting inconsistent figures. Cook Islands and Niue are not categorized in an income group by the World Bank.

Older adult coverage across reporting WHO Member States



WHO region	WHO MS reporting	●Complete ● Partial
AFR	38	56 %
AMR	24	91 %
EMR	14	58 %
EUR	46	80 %
SEAR	9	77 %
WPR	27	90 %
Total	158	
Income group	WHO MS reporting	● Complete ● Partial
1) LIC	24	35 %
2) LMIC	43	76 %
2) LMIC 3) UMIC	43	76 % 86 %
-		_
3) UMIC	40	86 %

158

WHO MS have reported at least once on older adult vaccination coverage

90 %

of older adults are in reporting WHO MS of total older adults in all WHO MS

82 %

of total older adults with a complete primary series across reporting WHO MS

Notes: Coverage figures are capped at 100%. Target population definitions vary; country-specific definitions of older adults are used to calculate older adult population population denominators using data from the United Nations Population Division. Cook Islands and Niue are not categorized in an income group by the World Bank.

- WHAT is the global status of COVID-19 vaccination?
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COVID-19 integration involves partial or full adoption of COVID-19 vaccination into other health services across WHO health system building blocks



The partial or full adoption of COVID-19 vaccination into national immunization programme services, Primary Health Careand any other relevant health services with the overall aim of improving programme efficiency and sustainability, enhancing demand and improving user satisfaction, achieving and maintaining satisfactory coverage, and addressing inequities

WHO / UNICEF Considerations for Integrating COVID-19 Vaccination

WHO Health System Building Blocks



Leadership and governance



Health systems financing



Demand and community engagement



Service delivery



Health workforce



Health information systems



Access to essential medicines (incl. quality vaccines)

Today, countries are at different stages of COVID-19 integration



Limited integration efforts

Limited integration activities launched to date, esp. at service delivery level, with Covid-19 Vx acceleration still as the main focus



Planned integration

Transition plan to integrate COVID-19 Vx into RI, Primary Health Care and other relevant health services, but no execution to date



Opportunistic integration

Short-term/ad-hoc activities driven out of necessity/resource constraints without clear strategy/plan in place



Structured integration

Strategic activities to enable systematic integration, reaching key target groups (incl. cross-sector coordination with other Primary Health Care partners)

- WHAT is the global status of COVID-19 vaccination?
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COVID-19 integration is highly relevant for Primary Health Care and other non-immunization programs...



Strengthen health system collaboration

Integration of COVID-19 into Primary Health Care and non-immunization programs provides an opportunity to strengthen collaboration across critical Primary Health Care stakeholders



Adopt learnings from COVID-19 vaccination

COVID-19 vaccination created an avenue for novel innovations and tools for pandemic response which Primary Health Care and nonimmunization programs could leverage to improve performance in critical areas e.g., service delivery, logistics, political commitment, etc.



Opportunity to benefit from priority funding for COVID-19

Primary Health Care and other nonimmunization programs can benefit from large funding envelops available over coming months dedicated to COVID-19 integration and broader interest from donors

...but will also create platform for other upcoming life course vaccines

Fig. 1. COVID-19 vaccine as part of a life course immunization approach to other health interventions	Pregnant women	Newborn (<24 hours)	Infant (<1 year)	Second year of life (12–23 months)	Child (2–9 years)	Adolescent (9–19 years)	Adult (20–64 years)	Older person (>65 years)
Vaccines recommended by WHO for all immunization programmes	TTCV Seasonal influenza COVID-19	BCG Hep B-BD	DTPCV PCV Measles Rotavirus Rubella Hib HepB PolioRota- virus	DTPCV booster Measles PCV3 (if 2+1 schedule) COVID-19	Diphtheria booster Tetanus booster COVID-19	Diphtheria booster Tetanus booster HPV COVID-19	Seasonal influenza COVID-19	Seasonal influenza COVID-19
Vaccines recommended by WHO for certain regions/high risk populations /immunization programmes with certain characteristics			Japanese encephalitis Meningococcus Rabies Seasonal influenza TCV Yellow fever	Cholera Hepatitis A Meningococcus Mumps Seasonal influenza Rabies TCV Varicella	Cholera Rabies TCV	Cholera Dengue Rabies TCV	Cholera Dengue Rabies	Cholera Pneumococcus Rabies
Pipeline of new life course vaccines*	Group B streptococcus RSV Zika	TB (next gen)	ETEC GAS Malaria (next gen) Norovirus RSV Shigella SPA	Malaria (next gen) GAS SPA RSV	Meningococcus	Chikungunya Gonococcus TB (next gen) CMV Meningococcus	Clostridium difficile Chikungunya TB (next gen) CMV HIV Pneumococcal	Clostridium difficik Chikungunya Norovirus RSV TB (next gen)
Nutrition Growth monitoring/nutrition counseling/vitamin A	Ĉ	cto	Ĉ	C ^b	Ĉ			
Malaria Distribution LLINs/IPTi/SMC	袾	燕	袾	袾	袾	燕	袾	袾
Neglected tropical diseases Deworming	2		2	<u> </u>	2	2	<u>ري</u>	2
Reproductive and maternal health services Family planning services	<i>₽</i>	<i>₽</i>	<i>→</i>	√	P	<i>₽</i>	<i>₽</i>	
HIV services	8	8	8	&	\$	<u> </u>	<u></u>	8
WASH Hygiene kit distribution	衡	衡	衡	衡	衡	衡	衡	衡
Health promotion Health counselling	(((3)	6	G	₿	(3)	(
Noncommunicable	Vc				V۳	V۳	Vo	A.

^{*} Based on data available as of March 2023; ** for caregiver

COVID-19 integration will look different across countries based on various factors

Factors determining country specification of **COVID-19 integration** (non-exhaustive list)



Integration progress



Country **context** and existing **programmes**



COVID-19 vaccination target population



Available funding



Maturity of health digital systems



Interconnectedness of service delivery across immunization areas



Health governance landscape

- WHAT is the global status of COVID-19 vaccination?
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- WHY is COVID-19 integration important?
- WHICH SUPPORT is available to countries for COVID-19 integration?



Four types of support available to integrating countries

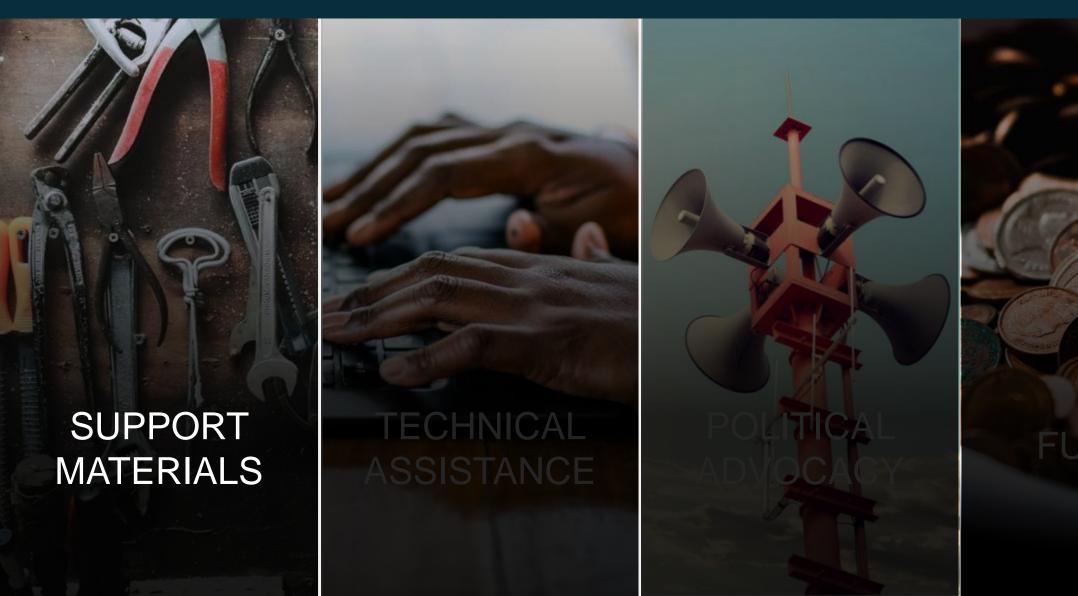








Four types of support available to integrating countries





Support package helps countries navigate towards COVID-19 integration COVID-19 Integration **Implementation Support Documents** Readiness Assessment Checklist Integration Self-Assessment Tool Considerations for COVID-19 Integration



THE MAP

Considerations for Integrating COVID-19 Vaccination

Establishes global principles and overall framework, supporting countries to define national objectives for integrating COVID-19 vaccination along all health system building blocks



THE LOCATION PIN

Integration Self-Assessment Tool

Enables countries to conduct a situational analysis of the current state of COVID-19 integration along all health system building blocks in order to identify current strengths and focus areas



THE COMPASS

Readiness Assessment Checklist (Annex 3 of Considerations)

Supports countries to identify specific technical actions for incorporation in integration strategy and implementation in order to address gaps and challenges identified in self-assessment

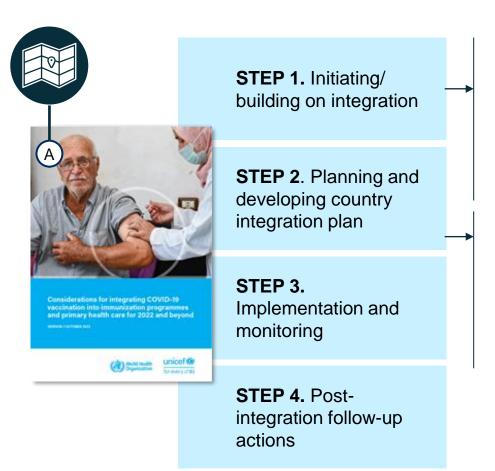


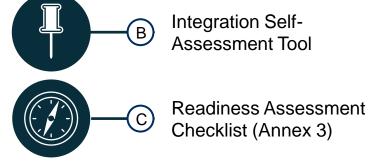
THE BOOTS

Implementation Support Documents

Provides practical and action-oriented support (e.g., best practices, lessons learned) for implementation of global guidelines along health system building blocks and/or target population

To reach their goal of COVID-19 integration, we suggest countries deploy support materials in order as depicted in guidance document...







Implementation Support **Documents**

(e.g., training materials for implementation at subnational level – by M-RITE)

...but can adapt approach based on context

Details on next slide

Purpose of this document



Give explanation of COVID-19 integration, its relevance and examples of in-country implementation



Serve as repository for HQ, RO, and CO stakeholders on COVID-19 integration materials and support available

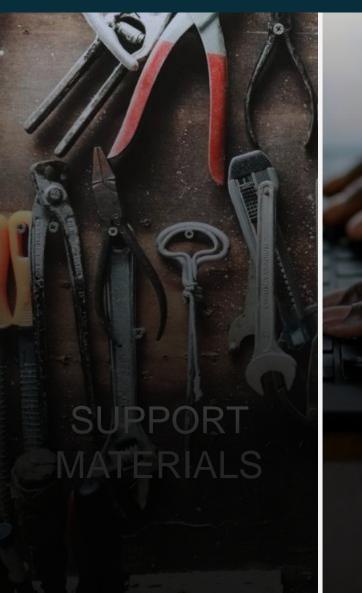


Provide overview of when and how to use different integration support materials and their linkages

Additional materials | Available and upcoming resources on vaccination

On integration		Vax health workers	Vax older adults	Vax pregnant women	Vax adolescents
COVID- 19 vax specific	Considerations for integrating COVID-19 vaccination into immunization programmes and primary health care for 2022 and beyond DRAFT FAQ how to integrate COVID-19 vax		COMING SOON! Vaccinating older adults against COVID-19	Questions and Answers: COVID-19 vaccines and pregnancy	
Non- COVID- 19 vax	Working Together: an integration resource guide for immunization services throughout the life course	Implementation guide for vaccination of health workers		How to implement seasonal influenza vaccination of pregnant women	Options for linking health interventions for adolescents with HPV vaccination
specific but relevant	Under development Considerations for planning integrated campaigns: immunization and beyond	How to implement seasonal influenza vaccination of health workers		Protecting all against tetanus	Resource page for school-based immunization and vaccination checks

Four types of support available to integrating countries









Several partners exist for Technical Assistance on country-level COVID-19 integration – immunization experts, non-immunization experts, and funders



Immunization Experts

non-exhaustive









Non-Immunization Experts

non-exhaustive











Funders

non-exhaustive

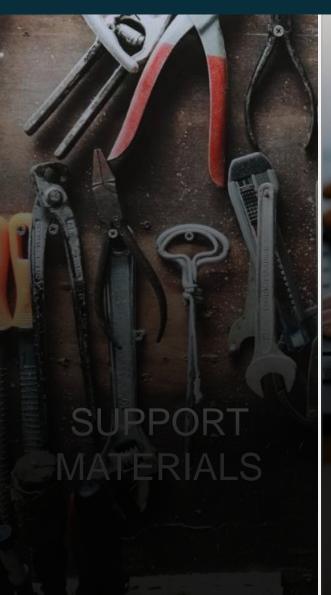


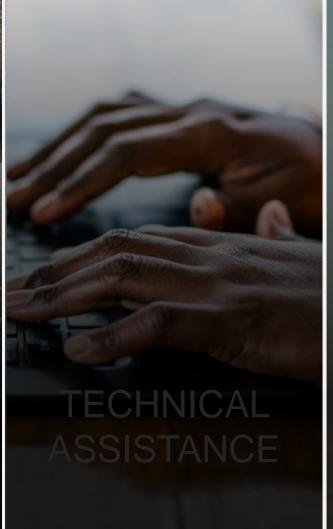


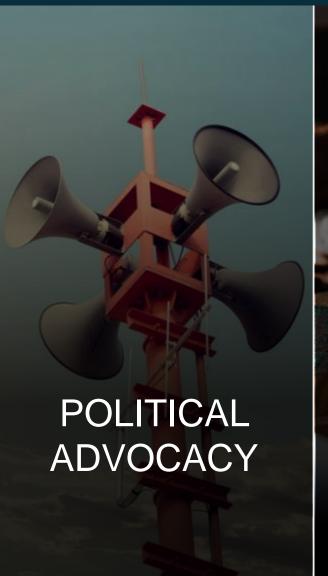




Four types of support available to integrating countries



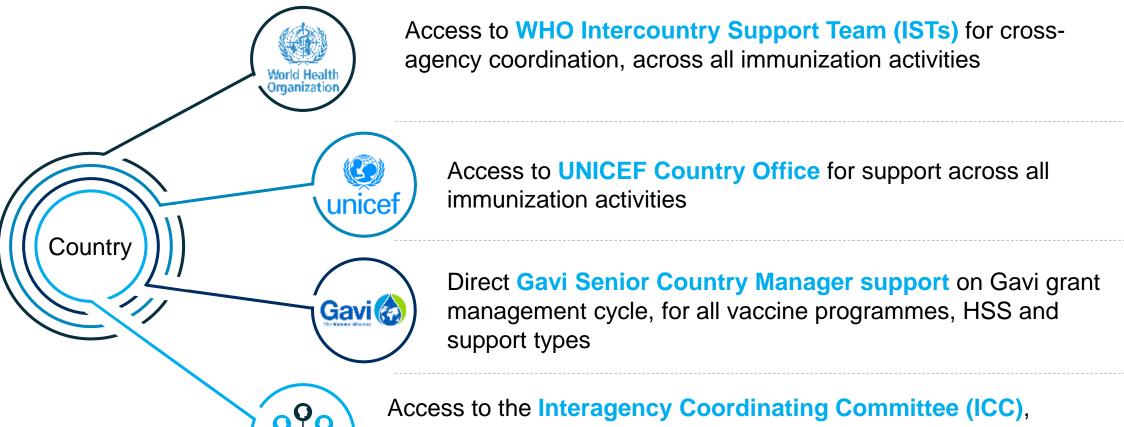






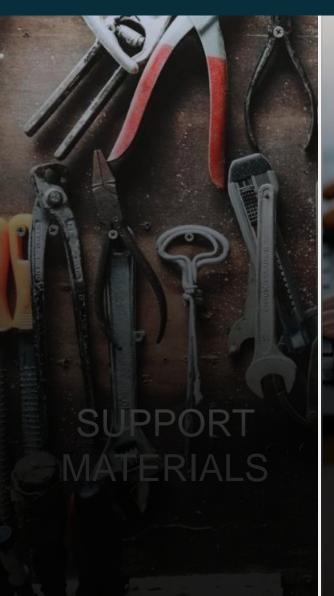
Dedicated network of contacts and platforms to be leveraged for support on political advocacy

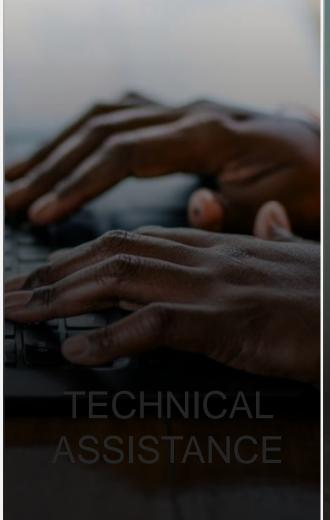
non-exhaustive



Access to the Interagency Coordinating Committee (ICC), to coordinate with partners and get support on immunization programmes as well as prevention and control of VPDs

Four types of support available to integrating countries









APPLICATION FORM FOR COVID-19 VACCINE DELIVERY (CDS)

3rd FUNDING ENVELOPE OF SUPPORT





Purpose of this document

Collect countries' CDS funding request for the 3rd funding window, in particular for activities related to integration – until end of 2023

High-level content

- Part A: Minister's signatures
- Part B: Checklist for mandatory attachments
- Part C: Key application data and absorption of past CDS funds
- Part D: Summary of Application, Technical Assistance & Financial Support





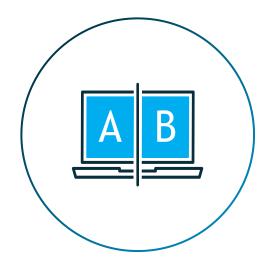
Purpose of this document

Provide guidelines to request a CDS funding with detailed explanation on CDS funding process, objectives and enablers

High-level content

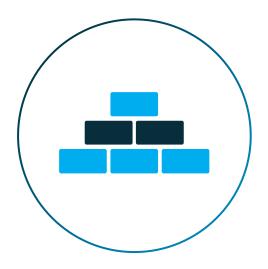
- Summary of key updates to third CDS funding window
- Guiding principles and objectives of the CDS 3rd funding window
- Enablers to achieve the objectives
- How to request support (financial request, budget template, reporting)

Countries can kick off COVID-19 integration with the support package via virtual working session or field mission



Virtual working session

Session held remotely with WHO, UNICEF and Gavi Country Office and in-country stakeholders (e.g., ACDC, CHAI, etc.) to introduce integration support package and collect information on country's integration status via Self-Assessment Tool



In-country field mission

In-country session with WHO, UNICEF and Gavi Country Office, govt stakeholders, and in-country partners (e.g., ACDC, CHAI, etc.) to introduce integration support package, collect information on country's integration status, and support initial implementation planning





Integration of COVID-19 vaccination with routine immunization and primary healthcare interventions: Experience from the United Republic of Tanzania

Dr. TINUGA, Florian – Program Manager,
Immunization and Vaccines Development Program (IVD),
Ministry of Health, Tanzania.

19th April, 2023



Presentation outline



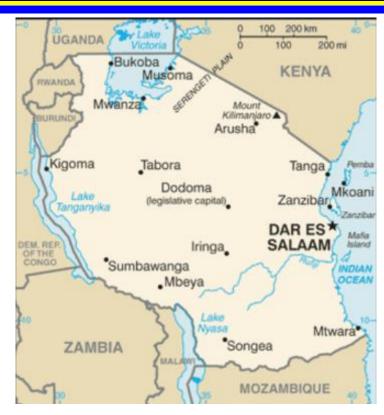
- Tanzania country brief and immunization status
- Rationale for integrating COVID-19 with Routine immunization
- Integration approaches used
- Policy /guidance materials & health worker orientations about integrated approach
- Lessons learned thus far on integrated approach



Tanzania country brief and immunization status – 1/3



- Tanzania is a country in East Africa with 947,300 km² and an estimated population of 61,280,743 (NBS, 2022).
- The national immunization program (EPI) was established in 1975
- The immunization target is over 2 million surviving infants, and 30.7 million people aged +18 years, for routine immunization and Covid-19, respectively.



Map showing countries bordering Tanzania
Courtesy of Wikipedia



COVID-19 vaccination status in Tanzania



- As of 11th April, 2023 a total of 30.7m (53.14% of country population) were fully vaccinated
- This is an increase of 75% full vaccination coverage since March, 2022.

S/No	Tuna of wassings	Fully vaccinated URT	Mainland	Zanzibar	
	Type of vaccines	32,565,386	32,200,968	364,418	
1	Janssen	27,659,631	27,401,241	258,390	
2	Sinopharm	2,883,330	2,879,241	4,089	
3	Pfizer	1,376,547	1,366,884	9,663	
4	Moderna	93,415	93,415	0	
5	Sinovac	527,511	460,235	67,276	
6	Sputnik L	25,000	0	25,000	





Rationale for integrating COVID-19 with routine immunization in Tanzania



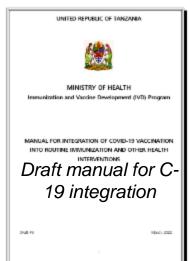
- Integrating COVID-19 vaccination with routine immunization /other services and program
 - Disruption in routine immunization services that caused high number of zerodose children and dropout rate for almost all type of vaccines in many districts (102/195; 52%)
 - An increased risk of Vaccine Preventable Diseases (VPD) outbreaks
 - Increases the opportunity for a more client-centred approach by delivering packages of health services that better respond to clients' needs across their life course
 - Provides greater opportunity to improve coverage, access, acceptability, effectiveness and cost effectiveness of Immunization Services



Integration approaches used – national level



- Engagement of key stakeholders National Immunization TWGs, Donors, Implementing Partners, Politicians and religious leaders
- Development of the National COVID-19 vaccination integration guidelines
 - including tools for performance monitoring
 - Draft available
- Key Consideration
 - Designing contextually sustainable integration model
 - Identifying entry points target group, services, programs
 - Discuss challenges and enablers of a successful integration approach
 - Using evidence and field level experience to address Immunization service uptake barriers
 - Using existing service delivery platform/approaches to reinforce integration





Integration approaches used – *sub-national level*



- Change mindset rationale for integration among supervisors & HCWs
- Maximize existing resources to expand additional services/achieve more
- Joint planning with Regional/Council Health Management Teams (R/CHMTs) Road Map
 - What to integrate vaccination services, distribution of vaccines, resources (human, financial, materials), messages and using other service platform to integrate vaccination services (FP, OPD, HIV etc)
 - How to integrate same roof with integrated services or same HCWs support multiple services or outline services and days for outreach session, select Vaccination TEAM for Integrated Service delivery
 - Where to integrate
 - Both Facility and community services for both -COVID-19 & RI including HPV and other health services like NCD clinics, and HIV services
 - Household-COVID 19& RI, School-HPV * COVID 19
 - Orientation of supervisors, HCWs and CHWs/Mobilizers



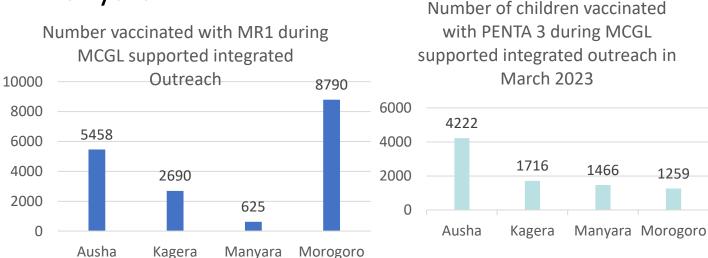
Integration approaches used – achievement



 CDC was able to integrate COVID-19 vaccination in routine facility and community HIV/TB services in 11 supported regions and Zanzibar were they were able to vaccinate 781,170 (~98%) of total People living with HIV (PHIV) by Feb 2023

The following data indicates achievement during a 7 days COVID-19/RI Integrated
 Outreach contribution in March 2023, Arusha, Kagera, Morogoro for 3 days in

Manyara



Region	Number of vaccinated clients		
	males	females	Regional total
Kagera	26,195	31,900	58,095
Arusha	1,987	3,325	5,312
Manyara	367	512	879
TOTAL	28549	35,737	64,286



Lessons learnt on the integration approach – 1/2



- Change in mindset among health workers and their supervisors great success factor at all levels
- Practical and doable approach if use existing platform of service delivery points /settings
- For effective integration, joint planning and orientation of key actors from all levels on the ground is key from the beginning of implementation
- Mapping and focusing on high volume sites and low coverage areas is critical to maximize uptake of integrated immunization services
- Engagement of CHWs, Community leaders is key during implementation –
 play significant role to inform community and track performance



Lessons learnt on the integration approach – 2/2



- Development of integrated monitoring tool that captures performance for integrated services is crucial
- Creating vaccinations teams and outlining roles and responsibilities from the beginning is key (vaccination, documentation, community sensitization/mobilization)
- Opportunity exist to integrate immunization with other services/programs i.e., HIV, TB, Family Planning, MNCH, Non communicable diseases etc



Operational challenges



Work Overload for HCWs
Filling Data collection tools

Cost ?
Transport

Competing Priorities

Distance

Shortage of Staff





Thank you for listening Asanteni!

MOMENTUM Routine Immunization Transformation and Equity





Developments to support COVID-19 vaccination integration

April 19, 2023

Rebecca Fields, Immunization Technical Lead





TOPICS TO BE DISCUSSED

TOPIC 01

Country case studies on COVID-19 vaccination integration

TOPIC 02

Development of a training/planning package on COVID-19 vaccination integration for subnational levels

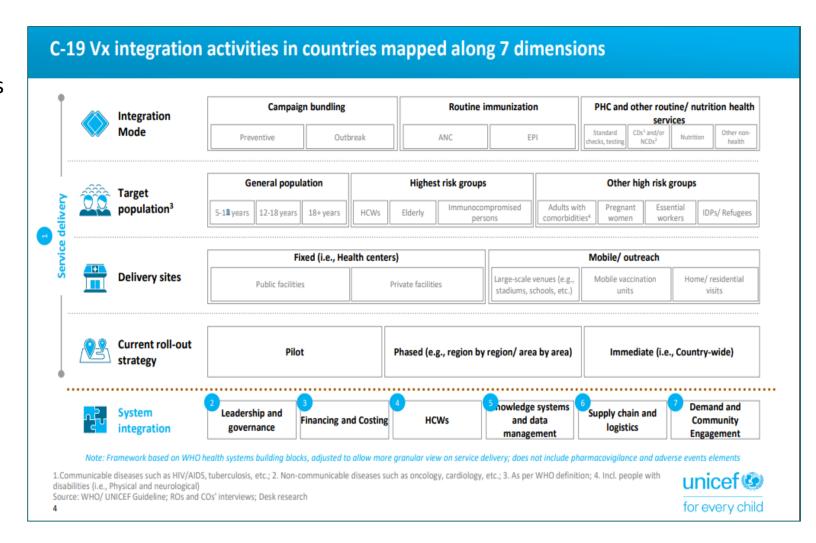


TOPIC 01 COUNTRY CASE STUDIES ON COVID-19 VACCINATION INTEGRATION

- Background: Countries are transitioning from broad campaign-style strategies for COVID-19 vaccination to more targeted approaches to reach priority groups
- Management of case studies: Collaborative effort led by two USAID-supported projects: MOMENTUM Routine Immunization Transformation and Equity and Health System Strengthening Accelerator
- Objective of case studies is to generate:
 - 1. Evidence on COVID-19 vaccination integration with routine immunization and/or other health interventions, assessing what has or has not worked well concerning integration
 - Considerations and ideas for future delivery of COVID-19 vaccination (focus performance, integration, and sustainability) in the eventual post-resource abundant context
- Goal: Results will be used to assist lower and middle income countries learn what they can do for effective integration of the functions of COVID-19 vaccination efforts.

OVERALL APPROACH TO CASE STUDIES ON COVID-19 INTEGRATION

- Protocol organized around health system building blocks
- Approach broadly corresponds to UNICEF's framework for COVID-19 vaccination integration
- Eight country case studies:
 - Four in-person
 - Four virtual
- To be conducted over next
 3-4 months



MULTI AGENCY ADVISORY GROUP FOR COUNTRY CASE STUDIES

REPRESENTATIVES FROM

- USAID
- CDC
- WHO
- UNICEF
- Gavi
- CSO
- National immunization program

TERMS OF REFERENCE

- 1. Participate in three meetings
- 2. Provide feedback on overall approach
- Provide complementary documents and information
- 4. Facilitate collaboration
- 5. Review findings from first country/pilot
- Review and provide feedback on assessment findings and recommendations
- 7. Assist with dissemination of products

CRITERIA FOR COUNTRY SELECTION

(3)

COUNTRIES THAT REPRESENT A MIX:

- Innovators in integration
- Geographic diversity
- Performance for COVID-19 vaccination and routine immunization
- USAID priority countries
- Presence of MOMENTUM Routine Immunization and Health System Strengthening Accelerator project



Provincial workshop in Mozambique on COVID-19 integration, March 2023

AGENDA FOR IN-COUNTRY VISITS (APPROXIMATELY 10 DAYS)



Interviews and group discussions with:

- MOH; National Immunization Program; health programs serving priority groups (HIV, TB, MCH, NCDs); national health insurance authorities; PHC, systems, and financing leaders
- Other government bodies involved with the Covid-19 response (e.g., prime minister's office, presidency, emergency response agencies)
- Representatives of priority groups (health-oriented CSOs/NGOs, diabetes and heart health associations, PLHIV, older adults, etc.)
- Representatives of private providers who collaborated on COVID-19 vaccination
- Managers responsible for COVID-19 vaccination at subnational levels
- External partners (WHO, UNICEF, bilateral agencies and projects supporting health)



Optional: field visit to observe integrated (or not) COVID-19 vaccination



Collection and review of key documents not obtained in advance



Debriefing to share key findings

TOPIC 02 DEVELOPMENT OF A TRAINING/PLANNING PACKAGE ON COVID-19 VACCINATION INTEGRATION FOR SUBNATIONAL LEVELS

Integrating covid-19 vaccination into existing services poses new managerial challenges at district and service delivery point levels:

- Identifying which services to integrate with in order to reach high priority populations
- Recognizing and addressing contextual variations across districts (e.g., urban/rural)
- Adapting existing management functions such as cold chain, data management, etc. to support integrated service delivery
- Assessing how integration affects the workload and responsibilities of health workers who have not previously provided vaccination



TOPIC 02 DEVELOPMENT OF A TRAINING/PLANNING PACKAGE ON COVID-19 VACCINATION INTEGRATION FOR SUBNATIONAL LEVELS

BACKGROUND:

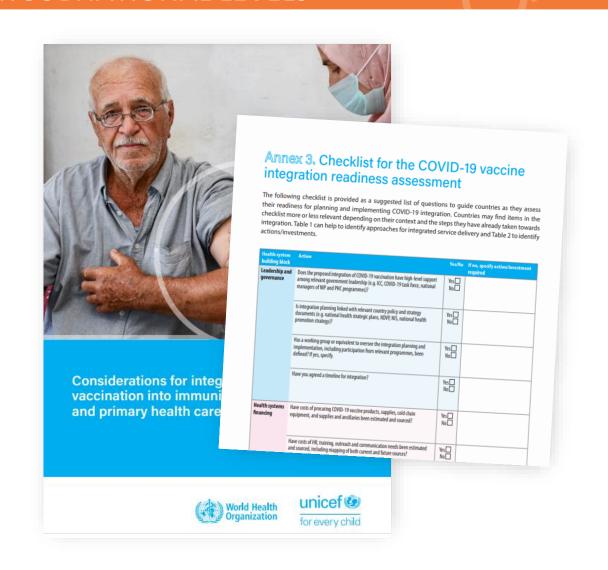
Decisions about COVID-19 vaccination integration are largely made at national levels but implemented at subnational levels.

OBJECTIVE:

Provide practical guidance that enables provincial and district health managers to prepare and support district health personnel in identifying and planning steps needed to integrate COVID-19 vaccination into existing services in their own health care settings.

PROPOSED FORMAT:

Facilitators guide plus tools for two-day workshop



FACILITATING TWO-DAY SUBNATIONAL TRAINING AND PLANNING WORKSHOP: (under development)

BEFORE

- Assemble national policy decisions on covid vaccination
- Gather information on size, location of high priority populations for covid vaccination
- Identify and invite appropriate stakeholders

DURING

- Jointly review national policies on covid vaccination
- Agree on context-specific service delivery strategies to reach high priority groups
- Plan for changes needed for management functions (e.g., human resources, supply chain, communication)
- Identify resource needs for integration
- Identify next steps and roles/responsibilities

AFTER

- Assess feasibility and impact of proposed changes
- Revise existing microplans for immunization
- Secure resources for implementation
- Adapt or create new materials (e.g., training and supervision materials, SOPs for vaccine management, data collection tools and processes)
- Follow-up monitoring

POLL QUESTIONS

- 1. If you were working at district level to integrate COVID-19 vaccination into PHC, what would you see as the TOP CHALLENGES to successful implementation?
- 2. If you were working at district level to integrate COVID-19 vaccination into primary health care, what would you see as the TOP ENABLERS (things needed) for successful implementation?
- 3. At district level, who would be the most important people from outside of immunization to involve in planning for integrating COVID-19 vaccination into primary health care?



THANK YOU

MOMENTUM Routine Immunization Transformation and Equity is funded by the U.S. Agency for International Development (USAID) as part of the MOMENTUM suite of awards and implemented by JSI Research & Training Institute, Inc. with partners PATH, Accenture Development Partnerships, Results for Development, CORE Group, and The Manoff Group under USAID cooperative agreement #7200AA20CA00017. For more information about MOMENTUM, visit USAIDMomentum.org. The contents of this PowerPoint presentation are the sole responsibility of JSI Research and Training Institute, Inc. and do not necessarily reflect the views of USAID or the United States Government.











Q&A and Discussion