Immunization services in the context of Covid 19

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Photo of adapted measles campaign in DRC from AFRO

12th of May 2020
OVERVIEW

❖ Immunization services in the context of Covid – Interim global guidance

❖ Coordination and tracking impact
  o Results from a pulse survey
  o Supplies tracking

❖ Further detailed guidance & next steps

❖ Critical next steps
Coverage of a third dose of vaccine protecting against diphtheria, tetanus, and pertussis (DTPcv-3) remains at 86% in 2018, leaving 19.4 million children vulnerable to vaccine preventable diseases.

The key goal of the Immunization Agenda 2030 is to make vaccination available to everyone, everywhere, by 2030.

While immunization is probably the most successful public health intervention, reaching 86% of infants is not enough. The upward trend in coverage has increased by only 5% in the past decade and has plateaued.
Of the 19.4 million infants who are not fully vaccinated with DTP3, 13.5 didn’t even receive an initial dose, pointing to a lack of access to immunization services.

A further 5.9 million are partially vaccinated, without completing the required 3 dose schedule in the first year of life.

In 2018, 116 million children completed vaccination with a basic set of vaccines, up from 90 million in 2000, representing nearly a 30% increase.
... addressing specific settings with new programmatic approaches ...

- **Urban poor**
- **Remote communities & nomad populations**
- **Populations in conflict settings**

**Initial Analysis**
- Substantial variations between & within countries
- DRC & Ethiopia have largest number of zero dose children in remote rural areas
- Nigeria has the largest number of zero dose children impacted by conflict
- Importance of gender-related and other barriers faced by caregivers
WHO-SAGE Immunization guidance in the context of Covid-19 pandemic

- Reiterate **immunization** as an **integral part of PHC**

- **Continue services**, as feasible, **but adjust delivery modalities** to ensure it does not contribute to the Covid-19 outbreak – **“Do no harm”**
  - Continue routine services in line with physical distancing, hygiene practices and protection of health workers
  - Temporarily suspend campaigns (SIAs), outreach services, etc

- **Maintain VPD surveillance** & contribute to Covid-19 surveillance where possible

- **Monitor & track vaccine supplies** & related products

- **Monitor disruption of services** and plan for intensification of immunization services immediately after Covid-19 social restrictions are lifted – **All Covid-19 affected countries will require varying degrees of intensification, including implementation of suspended SIA’s.**

Covid-19 Pandemic Immunization Partner Coordination Group (Covid-IPCG)

- **Information sharing and coordination**
  - Coordination in response activities
  - Programmatic challenges
  - Resource mobilization efforts

- **Data monitoring, interpretation and action**
  - Covid impact on immunization and risks
  - VPD modeling on impact
  - Supply monitoring
  - Planning for post-COVID intensification

- **Vaccine programme opportunities in post-COVID era (including with polio programme)**

Preparing for COVID vaccine
Impact monitoring – COVID-19 – Pulse Survey

Immunization Pulse - COVID-19

COVID-19 is rapidly affecting immunization programs all over the world. We are asking for your help to better understand the magnitude of the current disruptions. All questions refer to the situation during April 2020 thus far. Also, you are most certainly getting many questions on COVID-19. Technical guidance has been developed on how to maintain safe immunization services, advice on campaigns and how to plan for catch-up vaccination after the pandemic, but the situation is evolving. We need your assistance to better understand what you need from WHO, UNICEF, Gavi and the Boost Immunization Professional Community.

Yes, I'll help
Initial Results

❖ N respondents: 801 (about 35% French speaking)

❖ N countries (total): 107

❖ N gavi 68 countries: 53 (78% of gavi68)

❖ Countries represented by WHO region
  ◦ AFR – 36 countries (604 respondents)
  ◦ PAHO - 22 countries
  ◦ EMR – 14 countries
  ◦ EURO – 17 countries
  ◦ SEAR – 8 countries
  ◦ WPRO – 10 countries
The data collected are subject to limitations inherent to voluntary self-reporting, self-selection bias, not all countries responded, countries with only one response vis-à-vis countries with many, possibility of fraudulent responses and not having a sampling frame to make inferences. Furthermore, the information about each countries does not represent official reporting from Member States to WHO or UNICEF. Thus, the results presented here need to be interpreted with caution and do not represent in any way a WHO or UNICEF position regarding any country or territory for which one or more replies were received.
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VPD Campaigns and/or Outbreak Response activities postponed

More than 173 million children at-risk of missing out on measles vaccines in 40 countries

Map disclaimer: This map is stylized and not to scale and does not reflect a position by UNICEF on the legal status of any country or territory or the delimitation of any frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

*UNICEF slide - preliminary data as of 27th April 2020
Topline findings for Demand-related issues

- Lack of awareness of continuity of vaccination services
- Fears/concerns related to misinformation, rumours, conspiracies…
- Fears/concerns related to COVID
- Fears/concerns related to response/lockdowns

- Staff lacking motivation
- Safety fears/concerns related to COVID
- Fears/concerns related to response/lockdowns

- Lack of PPE, training in IPC
- Lack of vaccine
- Lack of capacity
- Vaccination suspended due to response

Sources: Immunization training needs assessment (April 20), Immunization Pulse Poll in the context of COVID-19 (April 14-24), BMGF COVID-19 response related to immunization (Updated April 28, 2020), EMPOL Operational overview (Week 17, 2020)
Restrictions on flights risk vaccine shortages for dangerous diseases

According to the UN, continued restrictions on flights pose a serious threat to the supply of vaccines for dangerous diseases like measles. The UN children's agency UNICEF called for support to unlock a massive backlog in vaccine shipments. The shortage of vaccines for these kinds of diseases may spark other potentially deadlier outbreaks of a range of diseases.

Unicef:

Vaccine shipments have declined by 70-80% since week 13 (week of March 22); there are signs of modest improvement, but there is a growing backlog of delayed shipments.

As a result of the delays in shipments, some suppliers are indicating cash flow challenges.

There are an estimated 45 countries that have reached or are approaching stock out at the national level. There are 26 countries that are difficult to access.
Recent guidance issued

- FAQ on immunization during Covid 19
- Guidance on maintaining essential health services
- Community based health care including outreach and campaigns in the context of Covid 19
  - Potential impact of BCG and OPV on Covid19
  - Guidance on assessing implementation of mass vaccination campaigns in the context of the COVID-19 pandemic (published soon)


Access To Covid-19 Tools (Act) Accelerator


A group of global health actors (BMGF, CEPI, Gavi, Global Fund, UNITAID, Wellcome Trust, WHO) and private sector partners and other stakeholders, are launching a landmark, global and time-limited collaboration to accelerate the development, production and equitable global access to new COVID-19 essential health technologies.
Next Steps

- Continue tracking the secondary impact of Covid-19 on immunization programmes
- Support countries in implementing guidance and guide case-by-case adaptions when needed
- Identify good (and bad) practices from the field
- Support planning, supply availability and resource mobilization for early resumption of services and catch up activities
- Continue discussions towards ‘reimagining’ immunization post Covid-19
  - Greater integration within PHC
  - Incorporation of physical distancing in service delivery
  - Attempts in ensuring efficiencies
  - Improved Global Health Security
- ACT Accelerator – a Covid 10 vaccine-develop, manufacture, implement to scale

Pediatricians have an important role in advocating for immunization
Thank You

Acknowledgements

WHO
Gavi Secretariat
Sabin’s Boost Initiative Community
Gavi Alliance partners (incl Vaccine industry, CSO’s, Academia, etc)