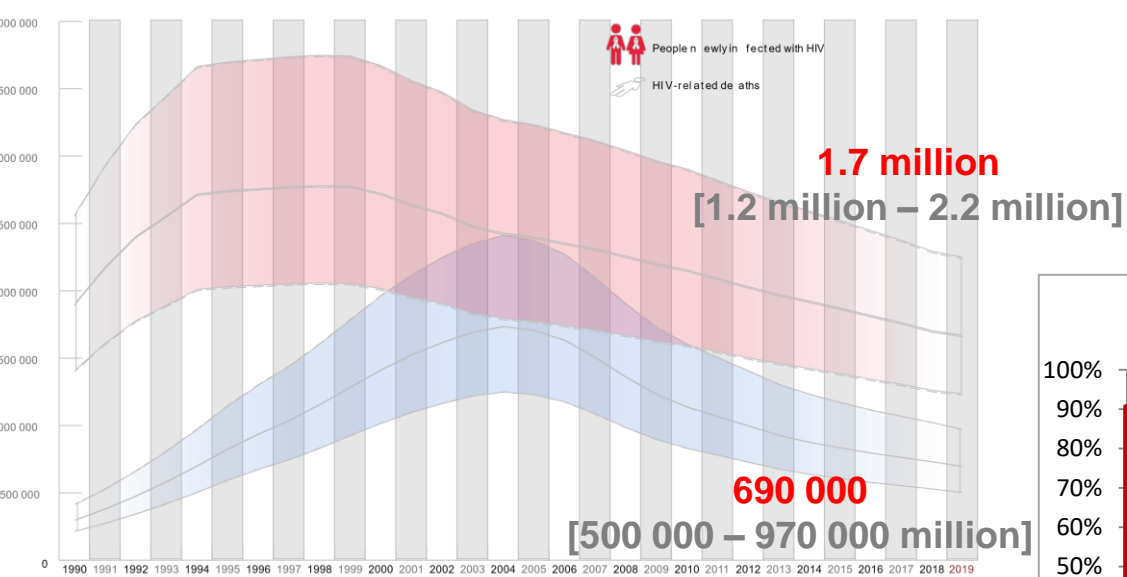


Building resilient HIV Services in the context of COVID-19

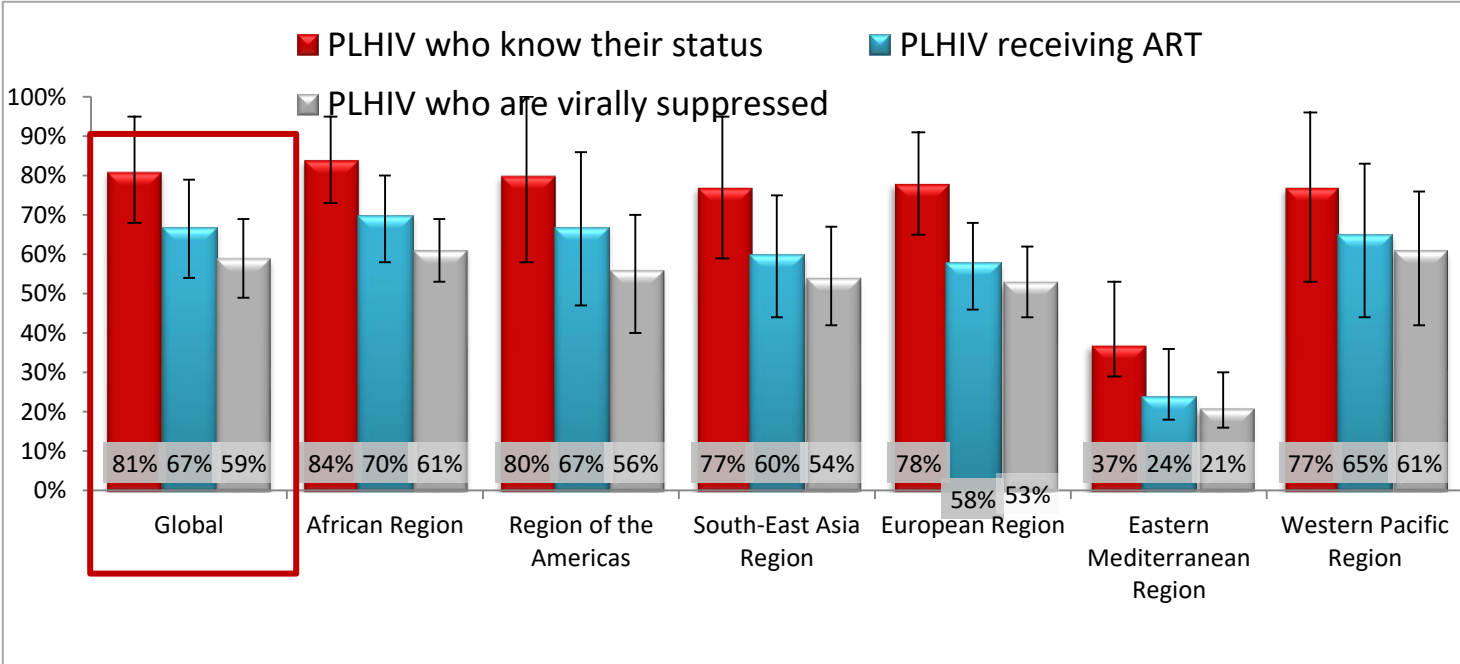


Dr. Meg Doherty, Director, Global HIV, Hepatitis, STI Programmes
World Health Organization
1 December 2020

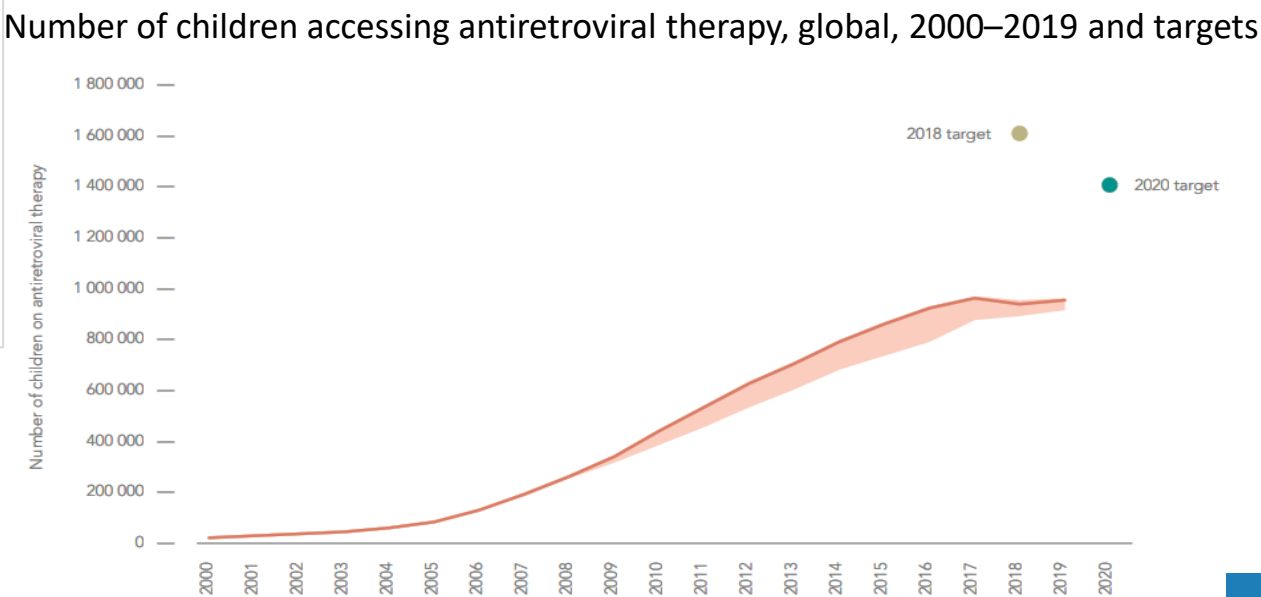
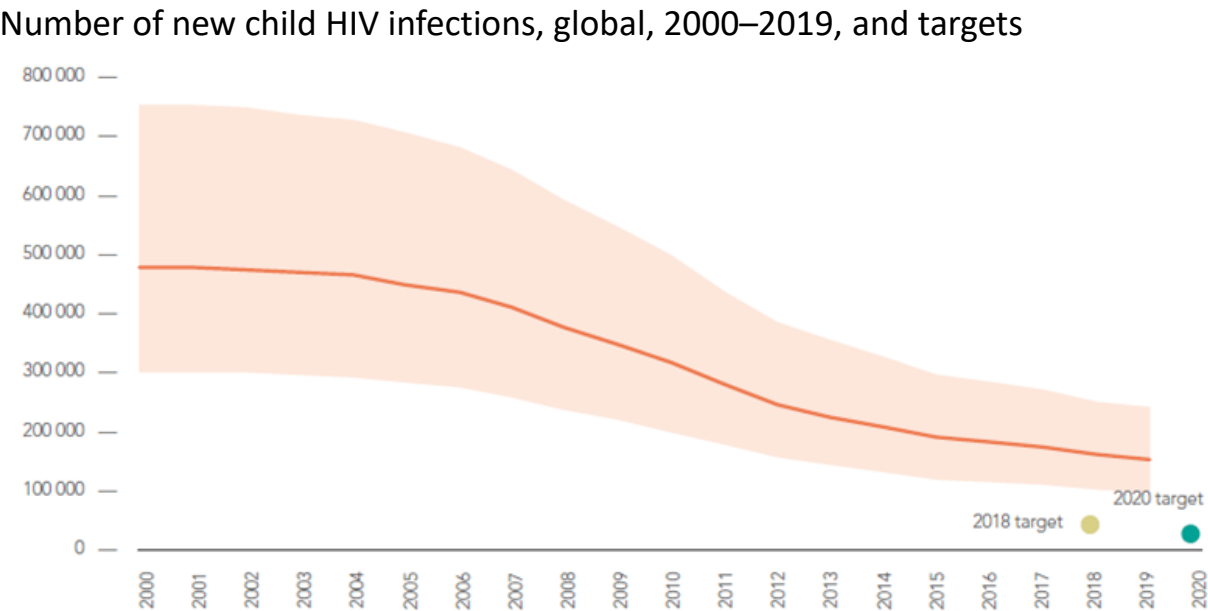
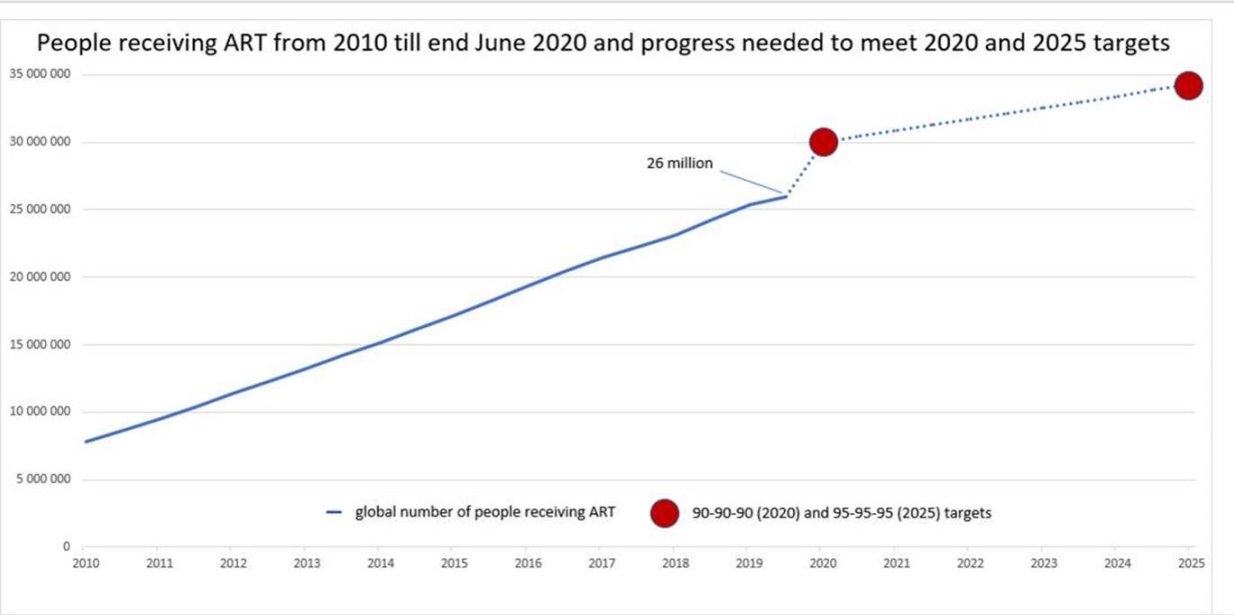
Reduction of HIV incidence, mortality slowing & varied results in the 90/90/90 targets



Source: UNAIDS/WHO estimates



We will miss the 2020 targets for all populations

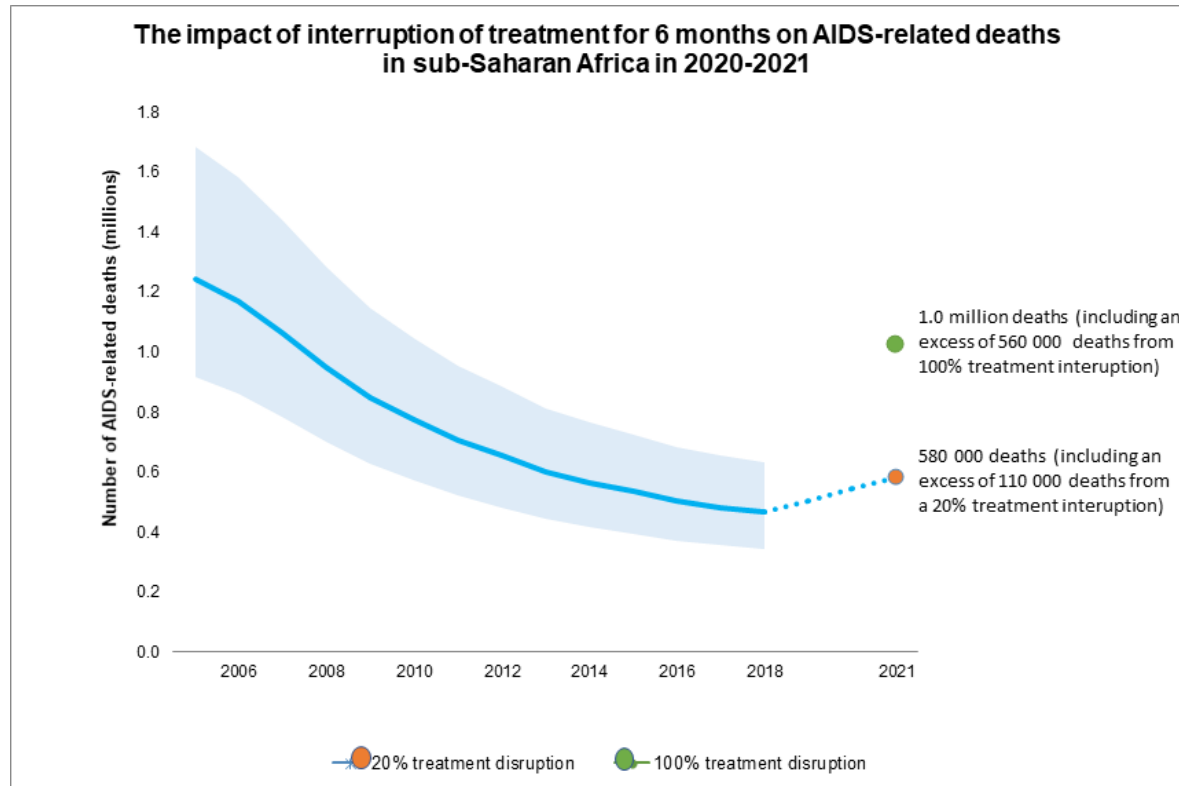


Source: UNAIDS epidemiological estimates, 2020 (see <https://aidsinfo.unaids.org/>); UNAIDS Global AIDS Monitoring, 2020 (see <https://aidsinfo.unaids.org/>).

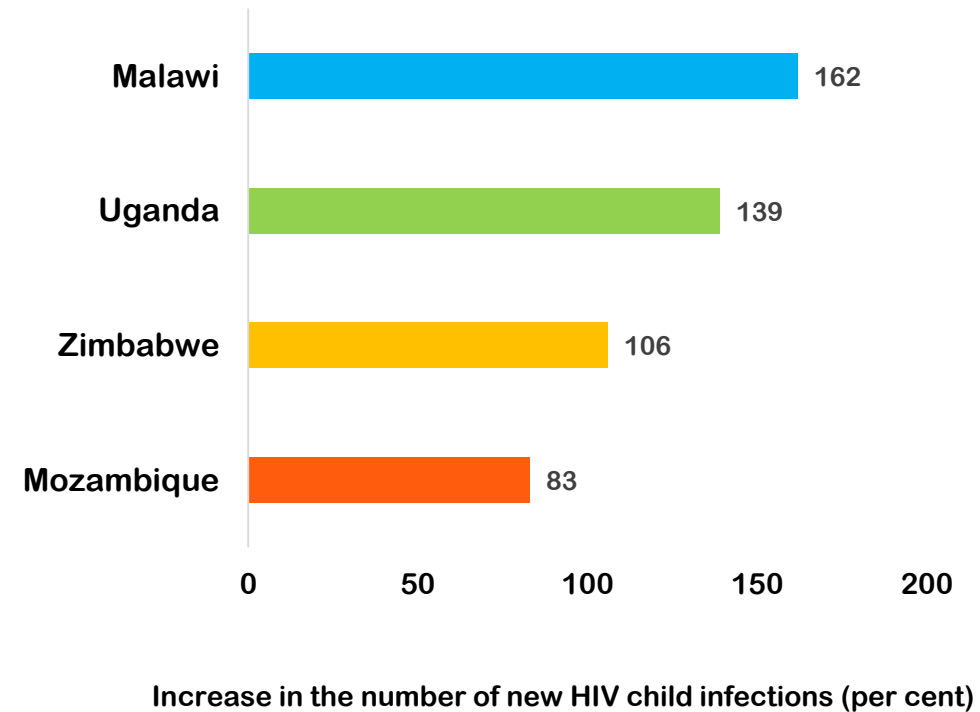
Indirect effect of COVID-19 on HIV—THE COST OF INACTION is HIGH

HIV services must be maintained...

Interruption of HIV treatment for 6 months could result in 1 million AIDS-related deaths in sub-Saharan Africa in 2020/2021



Suspension of prevention of mother to child transmission services for 6 months could result in dramatic increases in new HIV infections among children in 2020/2021

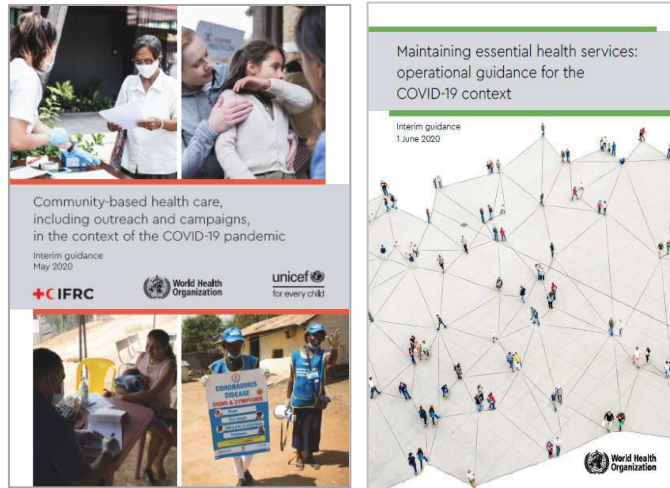


Source: UNAIDS 2019 estimates. Projected estimated HIV related deaths and child new HIV infections derived from mathematical modelling by 5 research groups exploring a complete disruption of HIV prevention and treatment services over 3- and 6-months on HIV mortality and incidence in sub-Saharan Africa. Pre-print manuscript available at: Jewell B, Mudimu E, Stover J, et al for the HIV Modelling Consortium, Potential effects of disruption to HIV programmes in sub-Saharan Africa caused by COVID-19: results from multiple models. Pre-print, <https://doi.org/10.6084/m9.figshare.12279914.v1>.

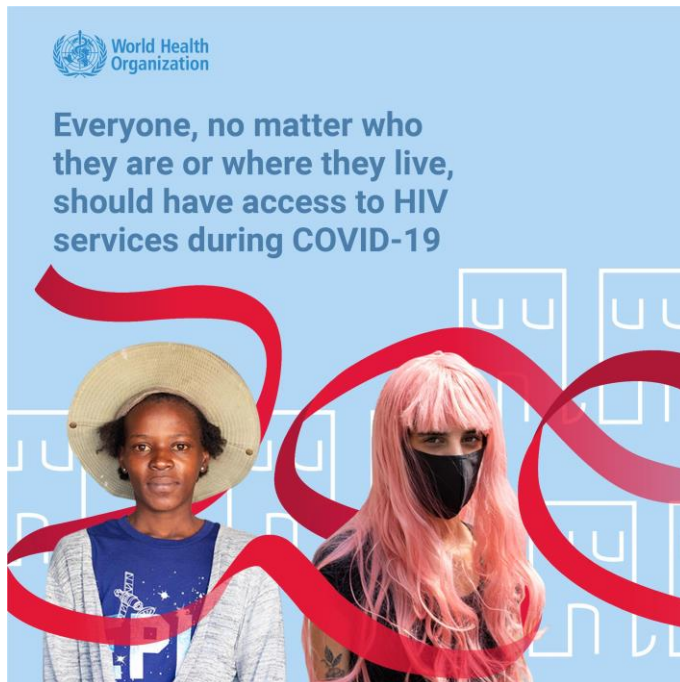


World Health Organization

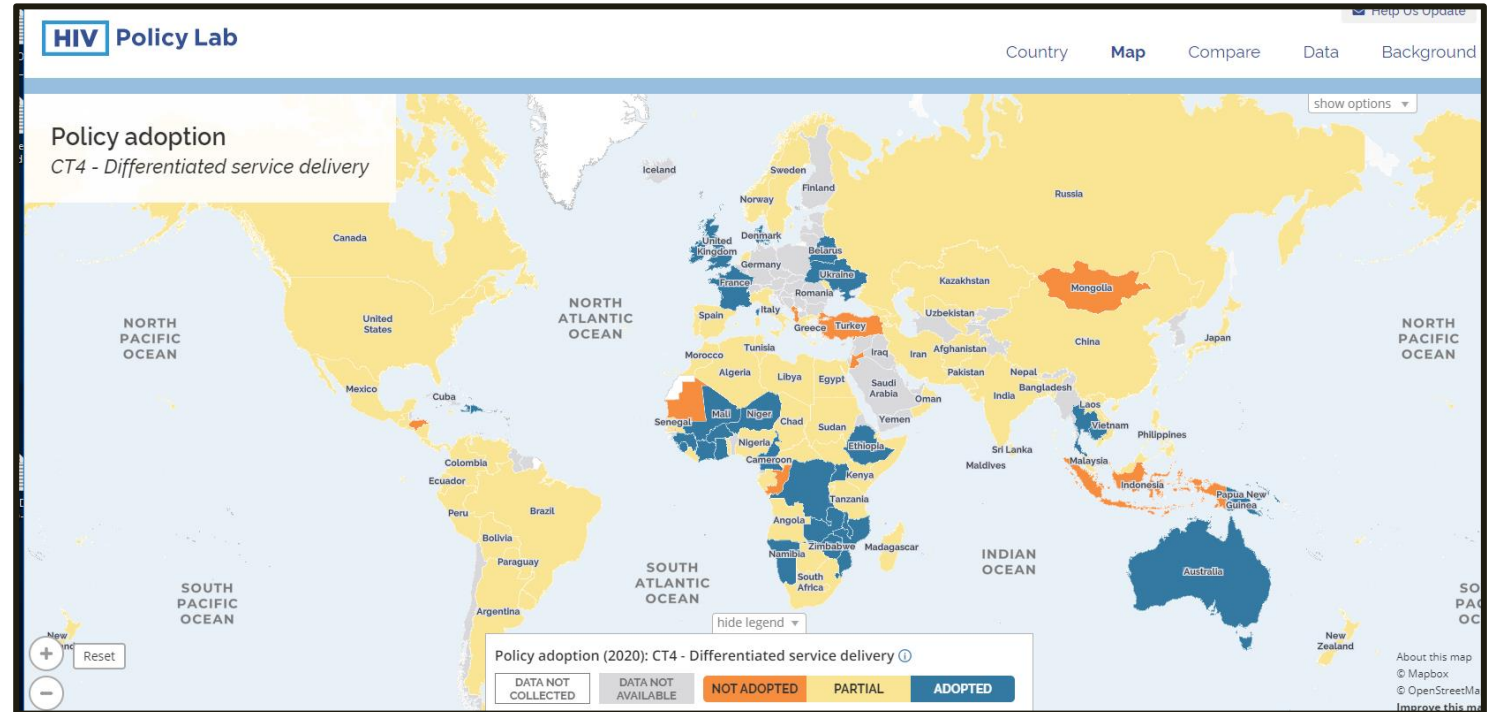
Maintaining Essential Health Services



- **Recommends practical measures** to take at national, subnational, and local levels to organize and maintain access to services in full safety with the highest quality
- **Provides indicators for surveillance of essential health services and describes considerations of when to stop and when it safe to restart essential health services during COVID-19**
- **Divided in two parts**
 - Part 1: Operational strategies to maintain essential health services
 - **Part 2: Specific information regarding specific diseases**
 - Annexe: Indicators for following EHS
- <https://www.who.int/publications-detail/10665-332240>
- <https://www.who.int/news-room/detail/01-06-2020-maintaining-essential-health-services-new-operation-guidance-for-the-covid-19-context>



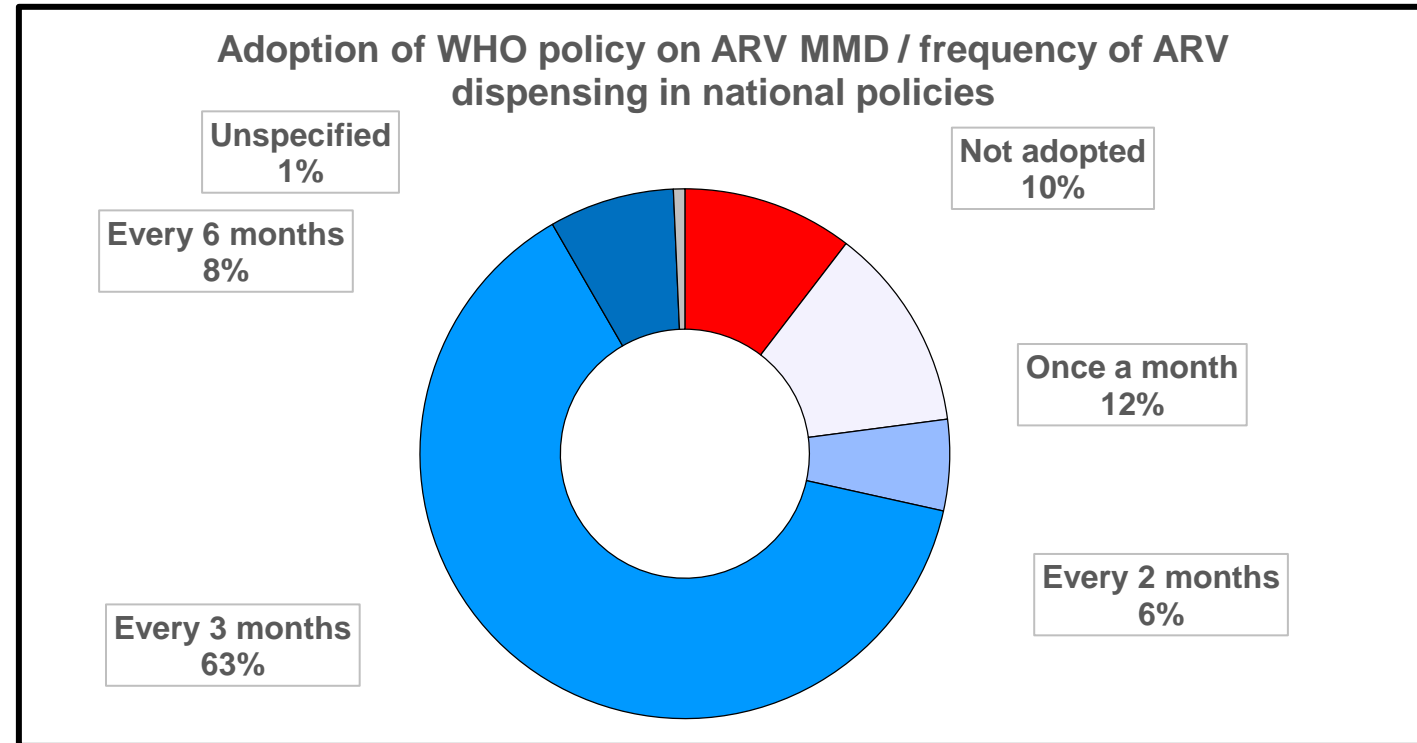
Differentiated Service Delivery Policies including Multi-month dispensing of ARVs



<https://www.hivpolicylab.org/map/>

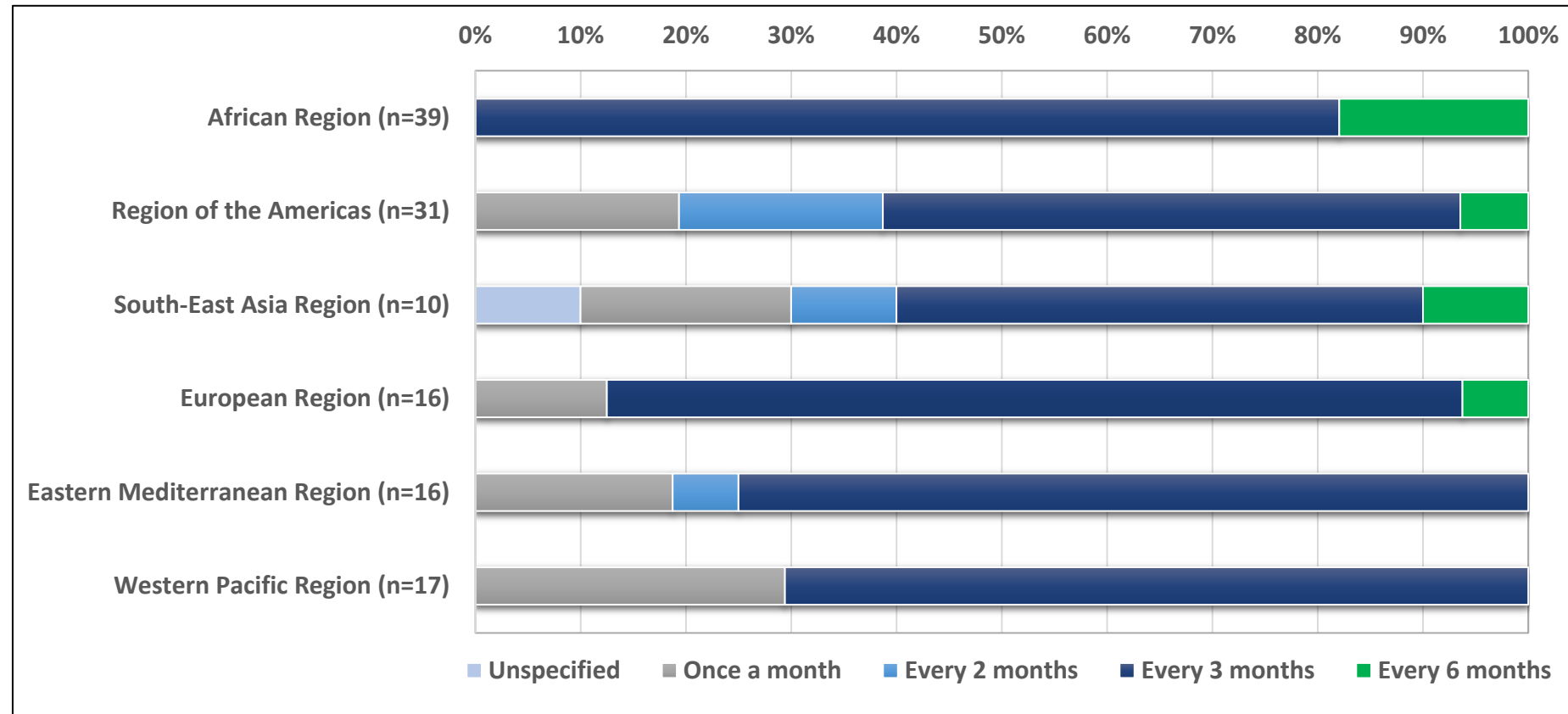
Countries with MMD policy per WHO region (n=129): frequency of ARV pick-up

- ARV MMD policy is adopted in most countries.
- Data available for 144 countries:
 - 129 (90%) adopted MMD policy
- Country cases suggest COVID-19 effect on MMD is double-edged:
 - Sufficient ARV stock → intensified MMD (Namibia, Malawi...)
 - Uncertain ARV stock → shorter MMD (Indonesia, Botswana..)



Source: GAM UNAIDS/WHO/UNICEF and WHO HIV/HEP/STI COVID-19 Questionnaire, June 2020

Countries with MMD policy per WHO region (n=129): frequency of ARV pick-up

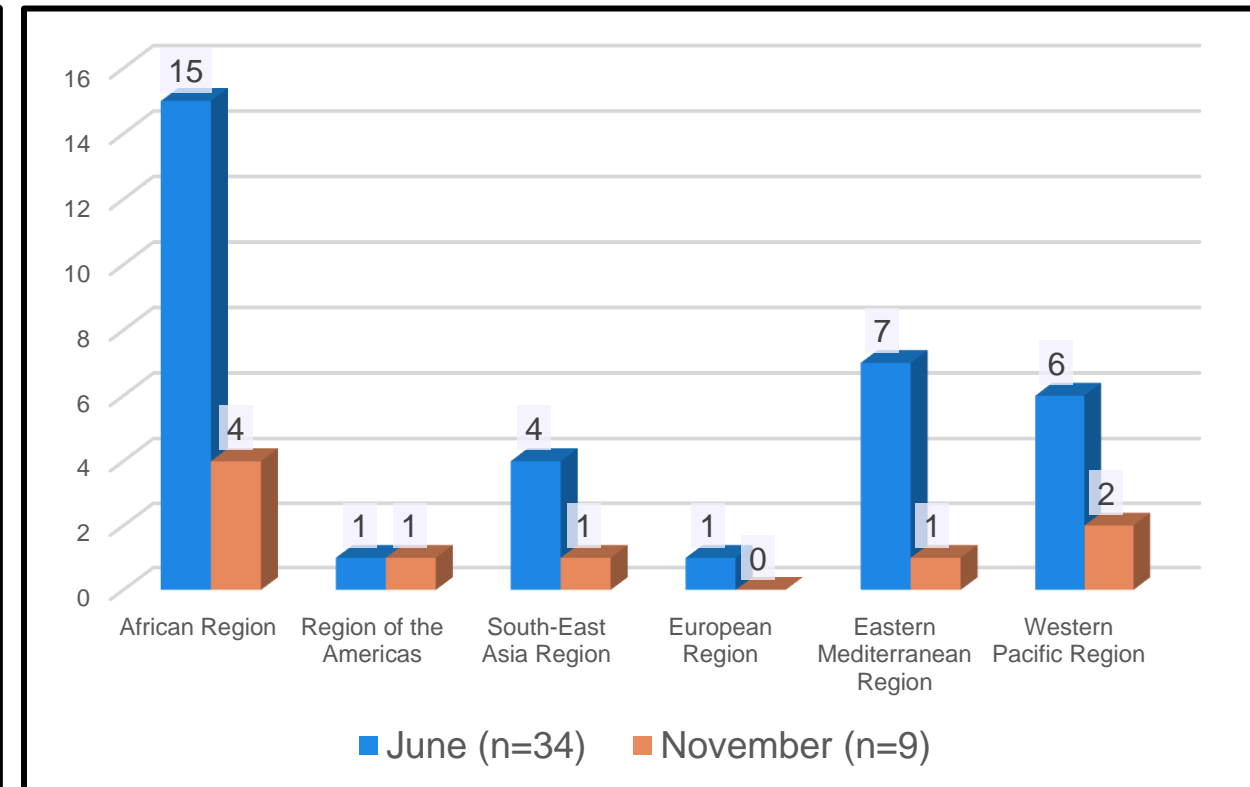
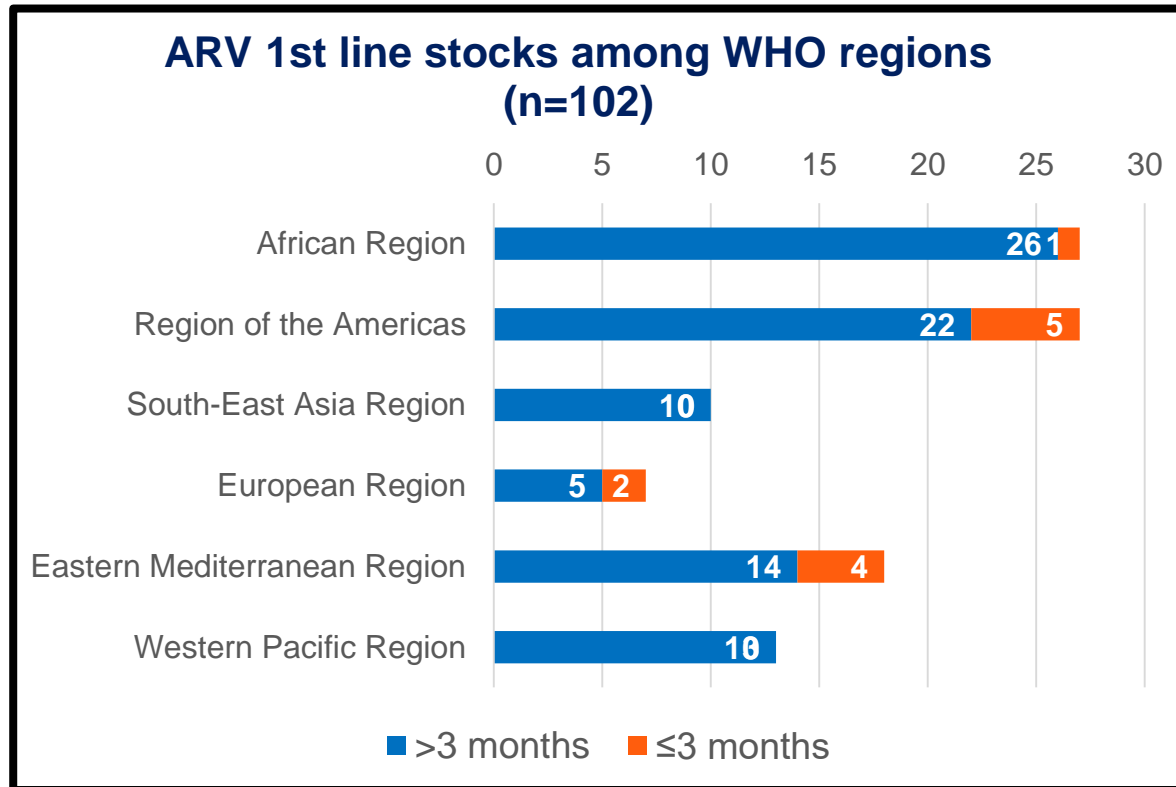


Source: GAM UNAIDS/WHO/UNICEF and WHO HIV/HEP/STI COVID-19 Questionnaire, June 2020

ARV stock availability and ARV disruptions due to COVID-19 from June to November 2020

- Data available for **102 countries (November 2020)**
- **12 countries reported ARV stocks** availability for major first line drugs (TLE/TEE/TLD) of **three months or less**

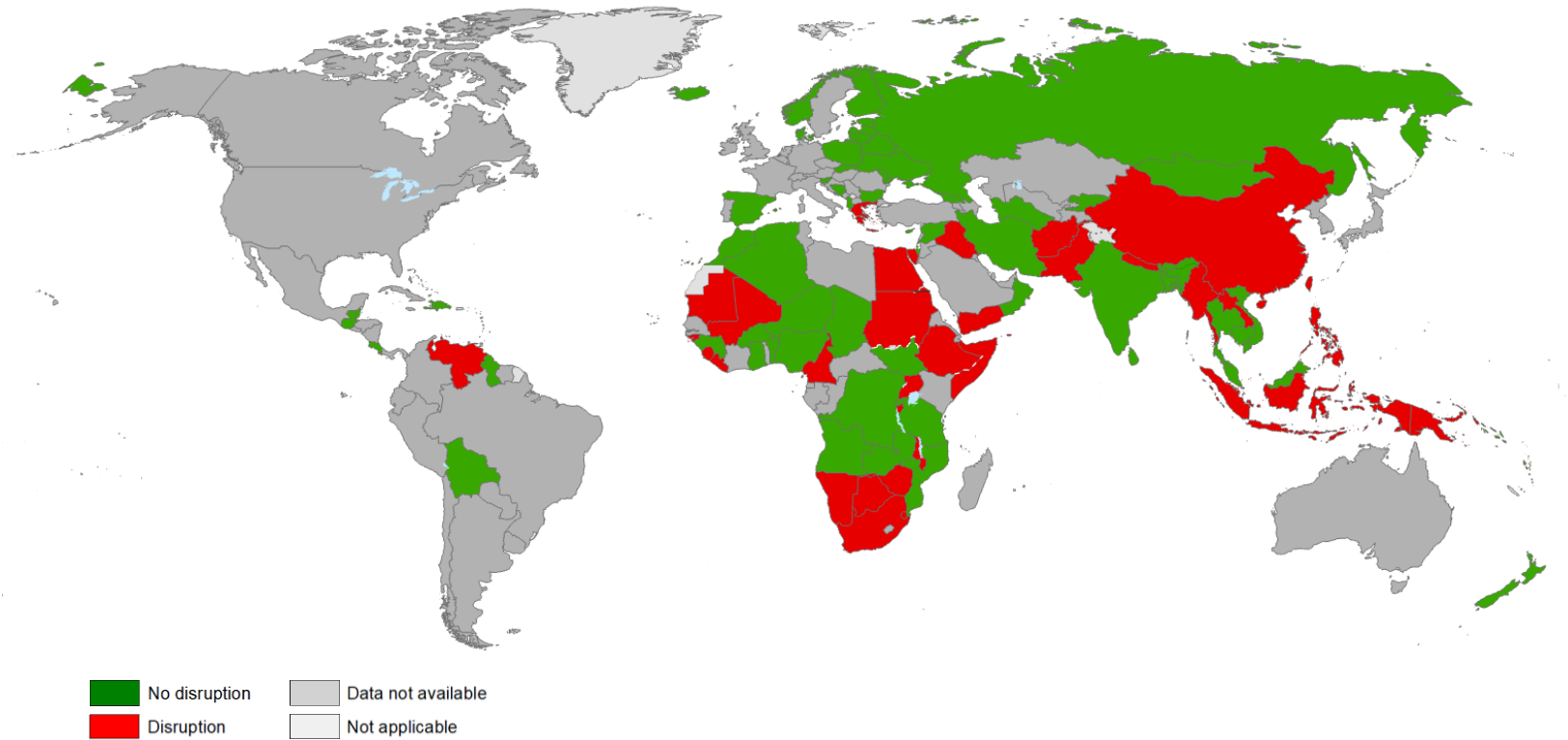
- **75% reduction in ARV disruptions due to COVID-19**
- **From 34 to 9 countries; LMIC most affected**



Source: WHO HIV/HEP/STI COVID-19 Questionnaire, November 2020

Countries reporting on ARV disruptions due to COVID-19, 2020

Results compiled from a survey conducted by WHO between April and June 2020 (n=127): 34 countries reported ARV disruptions



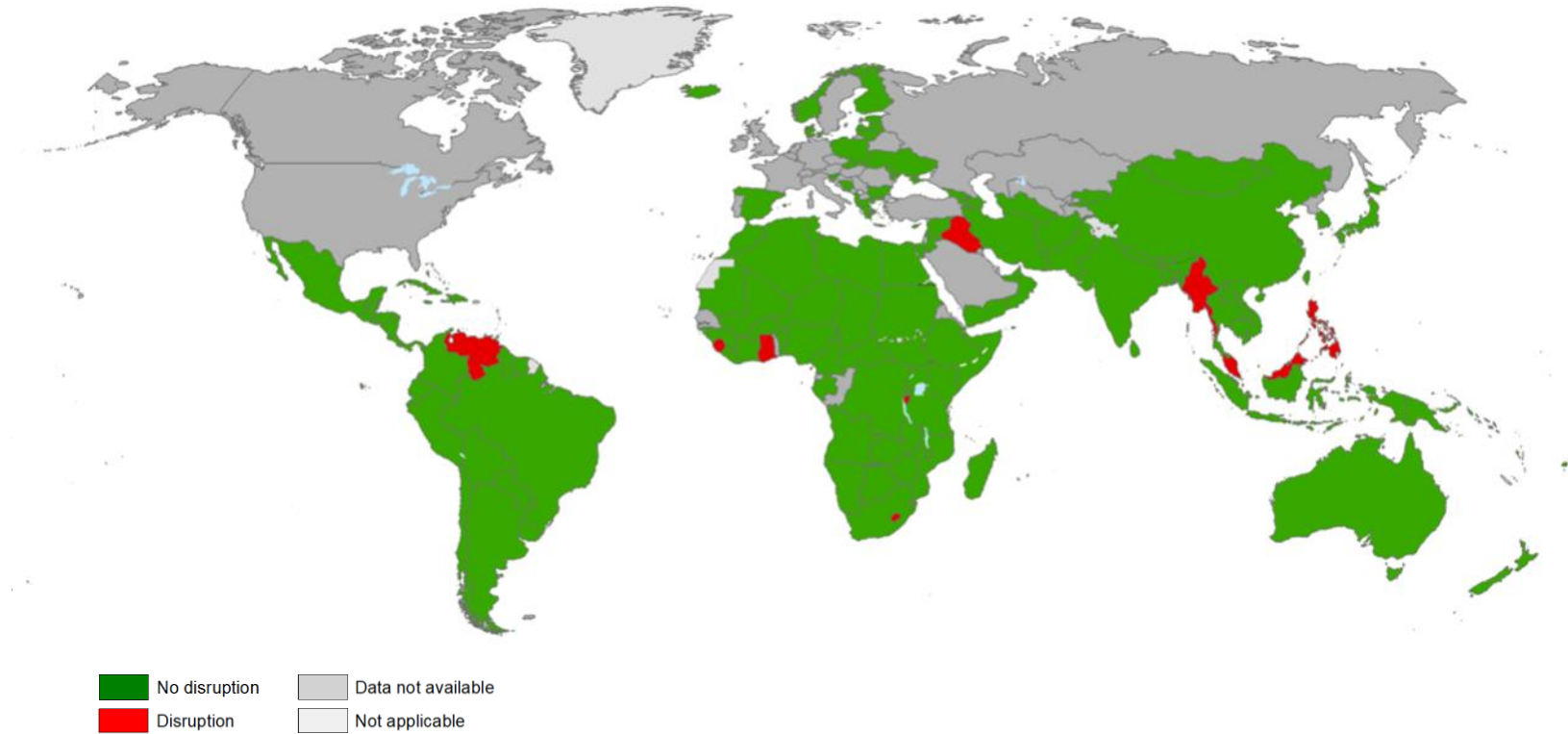
Source: WHO HIV/HEP/STI COVID-19 Questionnaire, June and November 2020

Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city 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.

Countries reporting on ARV disruptions due to COVID-19, 2020

Results compiled from a survey conducted by WHO between April and June 2020 (n=127): 34 countries reported ARV disruptions

Results compiled from a survey conducted by WHO in November 2020 (n=152): 9 countries reported ARV disruptions

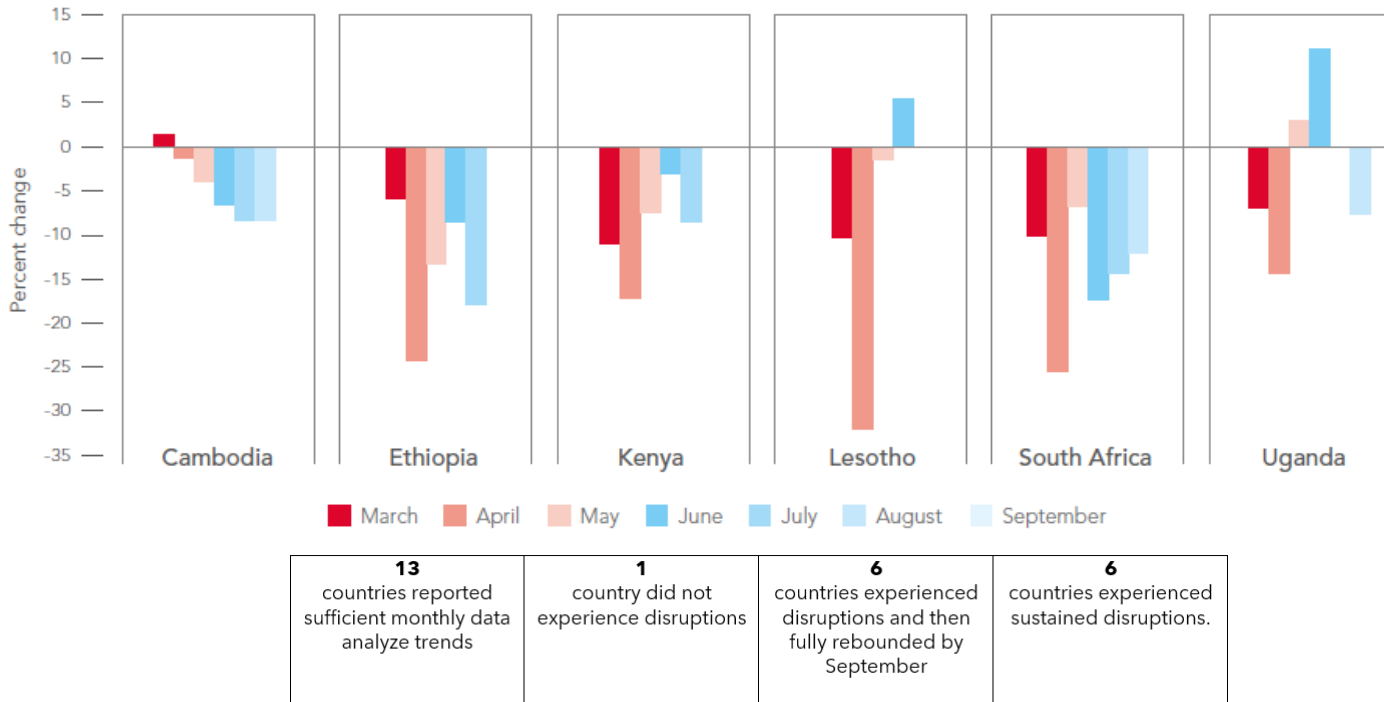


Source: WHO HIV/HEP/STI COVID-19 Questionnaire, June and November 2020

Disclaimer: The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city 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.

COVID-19: Impact on Pregnant women tested, GAM March-Sept 2020

Change in the number of pregnant women tested for HIV per month, compared to baseline, selected countries, 2020



- Change in number of pregnant women tested for HIV in 5 SSAfrica countries
- **Initial disruption and rebound**

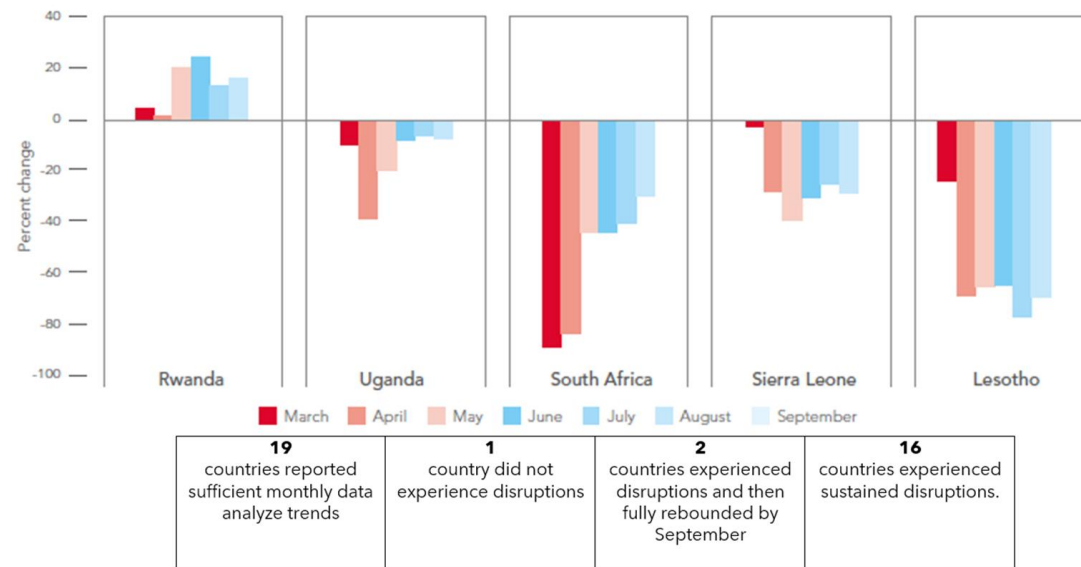
Source: UNAIDS/WHO/UNICEF HIV services tracking tool, November 2020.

Note: The baseline is the average of January and February reports.

Note: The six countries selected were among 13 that fulfilled the following criteria: (a) had data for January 2020; (b) had more than 50 pregnant women in January data; (c) had more than 50% of facilities reporting or data from 50% of estimated births; and (d) had at least six months of data.

COVID-19 Impact on reduced testing and partial rebound on newly initiating ART by month, Mar-Sept 2020

Change in the number of HIV tests and results returned per month, compared to baseline, selected countries, 2020

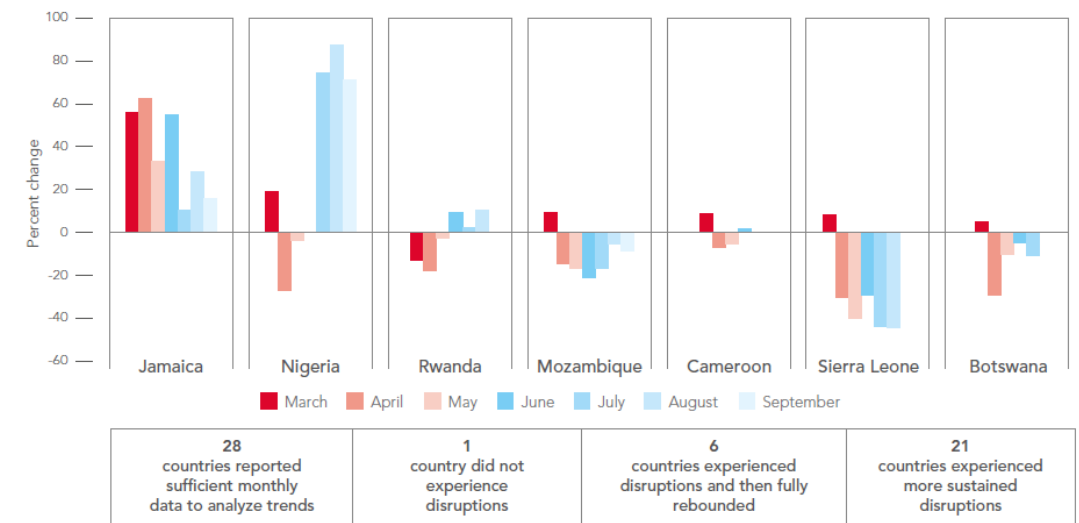


Source: UNAIDS/WHO/UNICEF HIV services tracking tool, November 2020.

Note: The baseline is the average of January and February reports.

Note: Selected countries fulfilled the following criteria: (a) provided data for January and February 2020; (b) reported on at least 50 people receiving services in January; (c) had a least 50% of services reporting in January; and (d) had at least six months of data.

Change in the number of people newly initiating antiretroviral therapy per month, compared to baseline, selected countries, 2020



Source: UNAIDS/WHO/UNICEF HIV services tracking tool, November 2020.

Note: The baseline is the average of January and February reports.

Note: Selected countries fulfilled the following criteria: (a) provided data for January and February 2020; (b) reported on at least 50 people receiving services in January; (c) had a least 50% of services reporting in January; and (d) had at least six months of data.

Monthly trends of persons tested and put on treatment = March to September 2020

<https://www.unaids.org/en/resources/documents/2020/prevaling-against-pandemics>



World Health Organization

Stories from countries and regions.... https://www.who.int/health-topics/hiv-aids/#tab=tab_1

News

All →



30 November 2020 | Departmental news
World AIDS Day 2020 – WHO calls for global solidarity to maintain HIV services



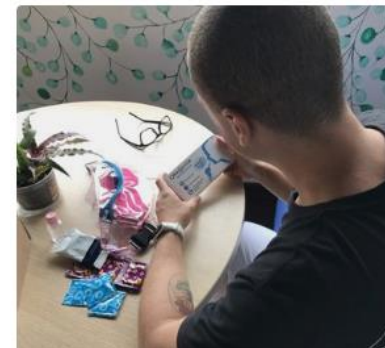
26 November 2020 | Departmental news
Existing HIV and TB laboratory systems facilitating COVID-19 testing in Africa



26 November 2020 | Departmental news
Pre-exposure prophylaxis services in Thailand during COVID-19



26 November 2020 | Departmental news
Successful continuation of antiretroviral therapy delivery during COVID 19 – best practices from the South East Asia Region



26 November 2020 | Departmental news
Continuing PrEP services for adolescents in Brazil despite COVID-19 disruptions



20 November 2020 | Departmental news
WHO and other stakeholders join forces to accelerate access to effective paediatric HIV and tuberculosis diagnostics and medicines



World Health Organization

Existing HIV and TB laboratory systems facilitated COVID-19 testing in Africa

- 412 laboratories in 17 African countries (SLIPTA)
- 78 laboratories achieving accreditation ISO standards.
- > 20 million HIV viral load tests and > 11 million molecular TB test in 2019
- **Platforms repurposed for COVID-19 test & >10 million tests conducted**
- Machines, infrastructure, sample transport systems, and highly skilled staff shared
- Led to disruptions for HIV and TB testing but on rebound now



Successful continuation of ART delivery during COVID 19 – best practices from the South East Asia Region

- 8 of 10 issued guidelines for MMD of ARV drugs and take-away doses of OST drugs
- ART decentralized to primary health care and community facilities
- Training ART teams on Covid-19 protection with hand sanitizers
- WhatsApp and google hangout meetings are being conducted
- Home delivery of ARV medicines by community outreach
- Police have been sensitized to allow peer workers to deliver ARVs
- NGOs provide nutrition support to 385 PLHIV



Continuing PrEP services for adolescents in Brazil despite COVID-19 disruptions

- PrEP1519 study team ensured a contingency plan to minimize effects of the pandemic disruptions
- Continued to access PrEP and other sexual health services
- Telehealth platforms such as text messages, online social media (Instagram and Facebook), and an artificial intelligence chatbot



Pre-exposure prophylaxis services in Thailand during COVID-19; self-care

- Thailand's key populations adapted PrEP services and implemented a range of innovations at the community level.
- PrEP-prescriptions from 3 to 6 months
- Telehealth consultations to minimize clinic visits & Xpress delivery services for medication
- **STI self-sampling & MSM clients to choose to stop, re-start** and tailor daily or event-driven use to their HIV risk.
- **PPE and protection** – KP and lay providers in community-based clinics were not prioritized; improvised plastic shields and other protective equipment to help protect themselves and their clients.



Exciting new developments to increase prevention options and access to treatment for children

- WHO's PQ - has approved the **dapivirine vaginal ring** which will give women an additional prevention choice to protect against #HIV
- 1.8 million children have HIV; 53% on ART and 95,000 die every year.
- **New dispersible, strawberry-flavoured DTG for children**
- Price agreement that will lower the price from > \$480 per child to under \$120 per child



Conclusions



- **#BuildBackBetter**

Thank you

- Michel Beusenburg
- Daniel Low-Beer
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- Mayada Youssef
- Rachel Baggaley
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- Silvia Bertagnolio
- Morkor Newman
- Nathan Ford
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- Cheryl Johnson
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- Annette Verster
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- Riomardo Sitorus
- Teri Reynolds
- Mary Mahy
- Kim Marsh
- Sonali Reddy
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- Tunga Namjilsuren

