

What Happened to HIV Globally in 2020 and 2021? COVID-19 Impact on HIV Prevention and Treatment

Peter D Ghys

Director

Data for Impact (UNAIDS)



HPTN

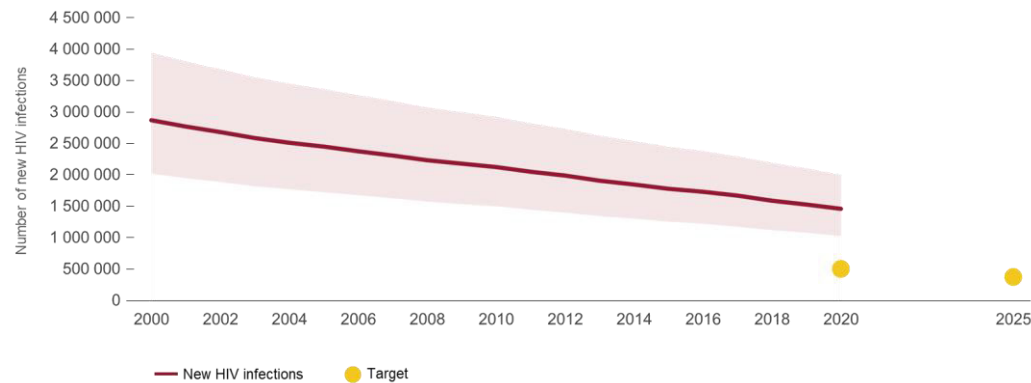
HIV Prevention
Trials Network

ANNUAL MEETING

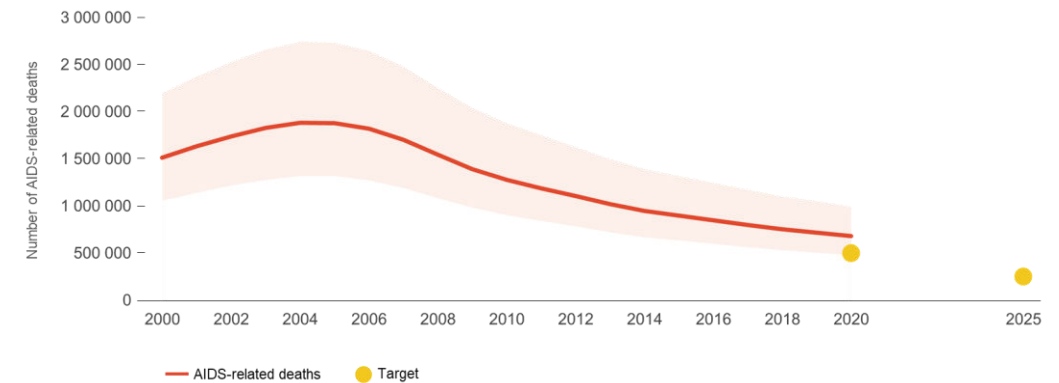
2022

Declining trends in new HIV infections and AIDS-related deaths continued through 2020

New HIV infections, global, 2000–2020, and 2020 and 2025 targets



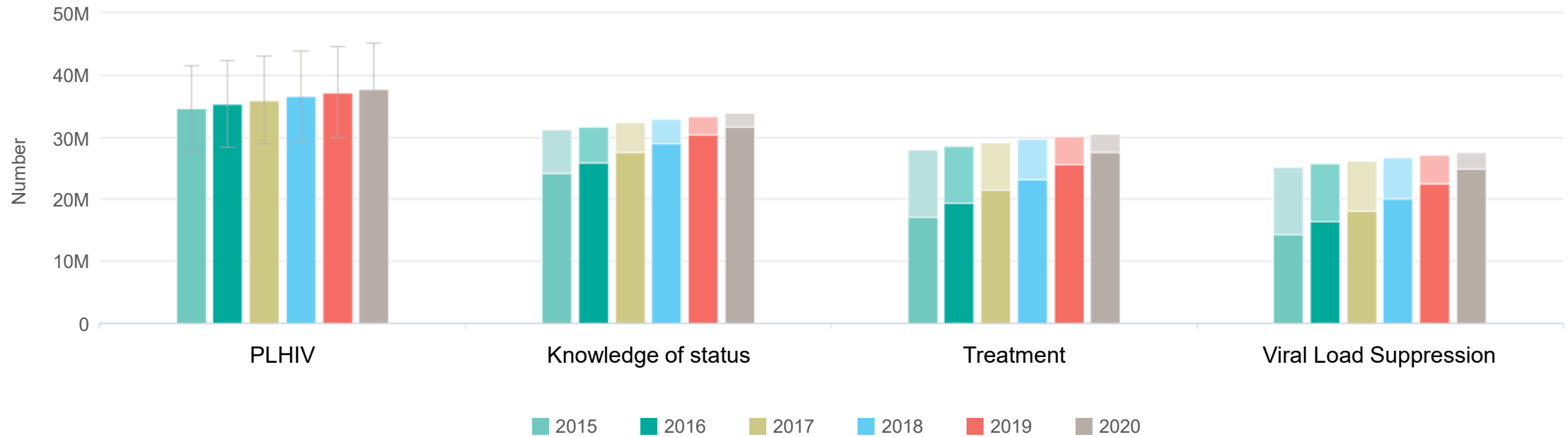
AIDS-related deaths, global, 2000–2020, and 2020 and 2025 targets



Source: UNAIDS epidemiological estimates, 2021 (<https://aidsinfo.unaids.org/>).

Note: See the Annex of the 2021 Global AIDS Update report for a description of the estimation methods.

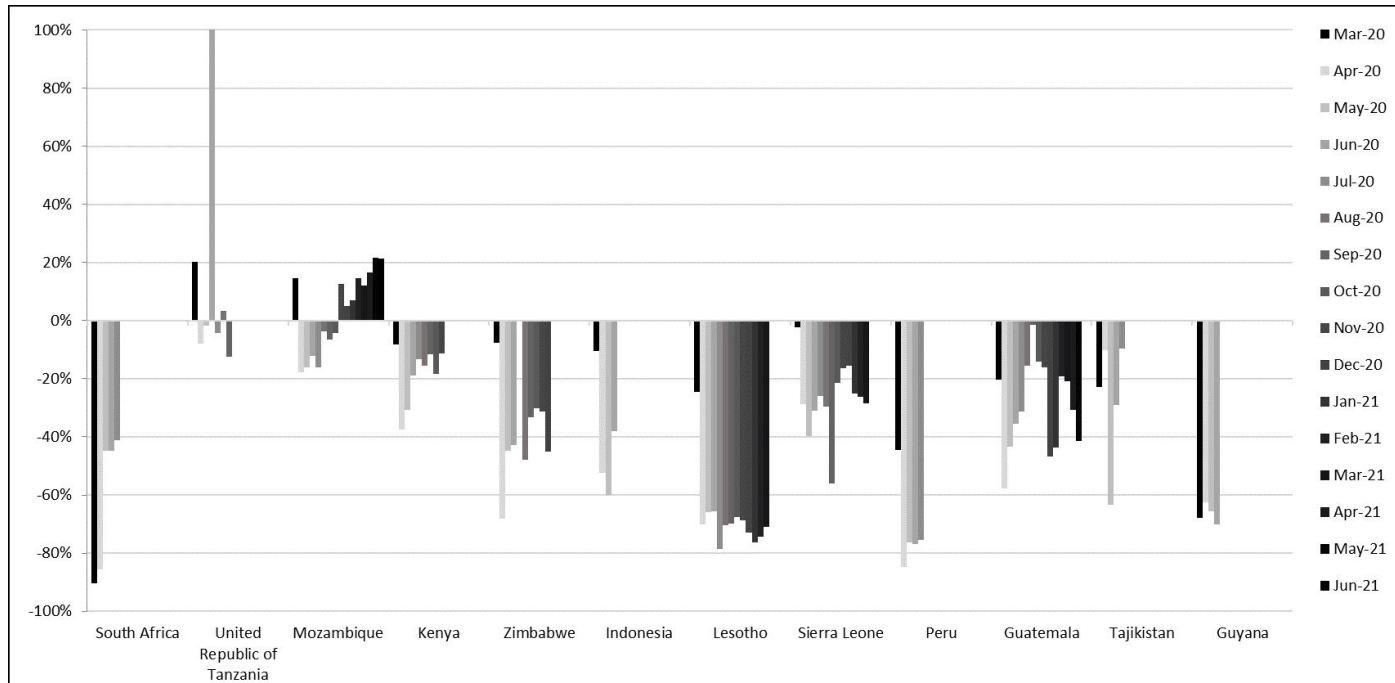
Trends in Knowledge of Status, Treatment, Viral Load Suppression continued through 2020



Source: UNAIDS special analysis, 2021

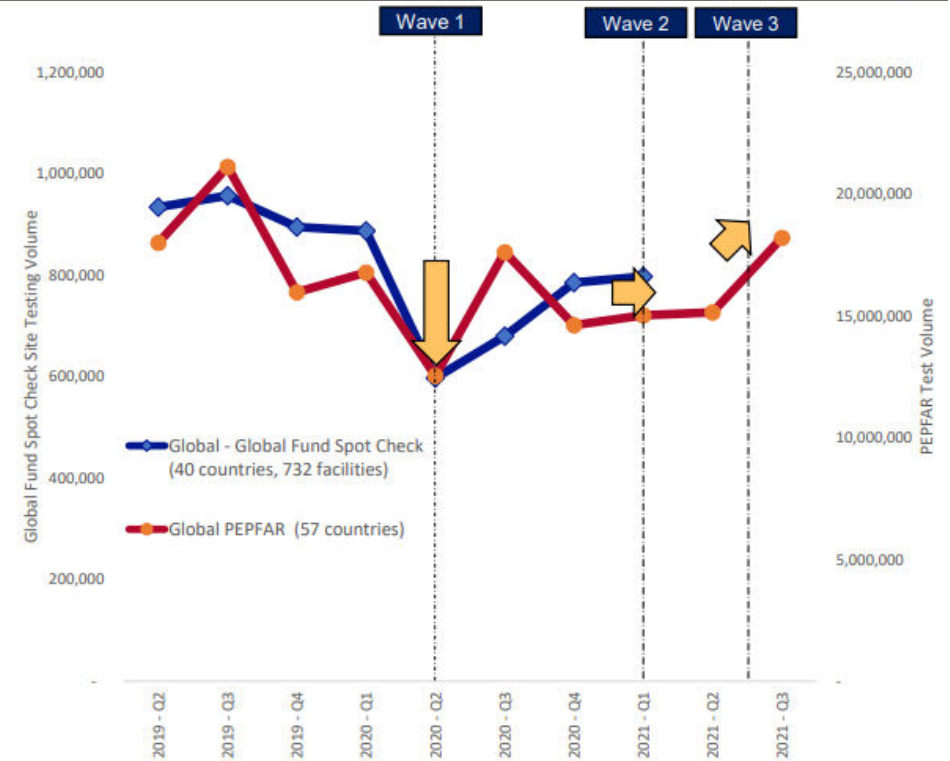
HIV Testing Services slowed down during first lock downs in 2020

Change in the number of tests performed where results were received, March 2020-June 2021 compared to January-February 2020



Source: UNAIDS HIV Service Disruption reporting platform

Testing volume in representative countries in LMIC



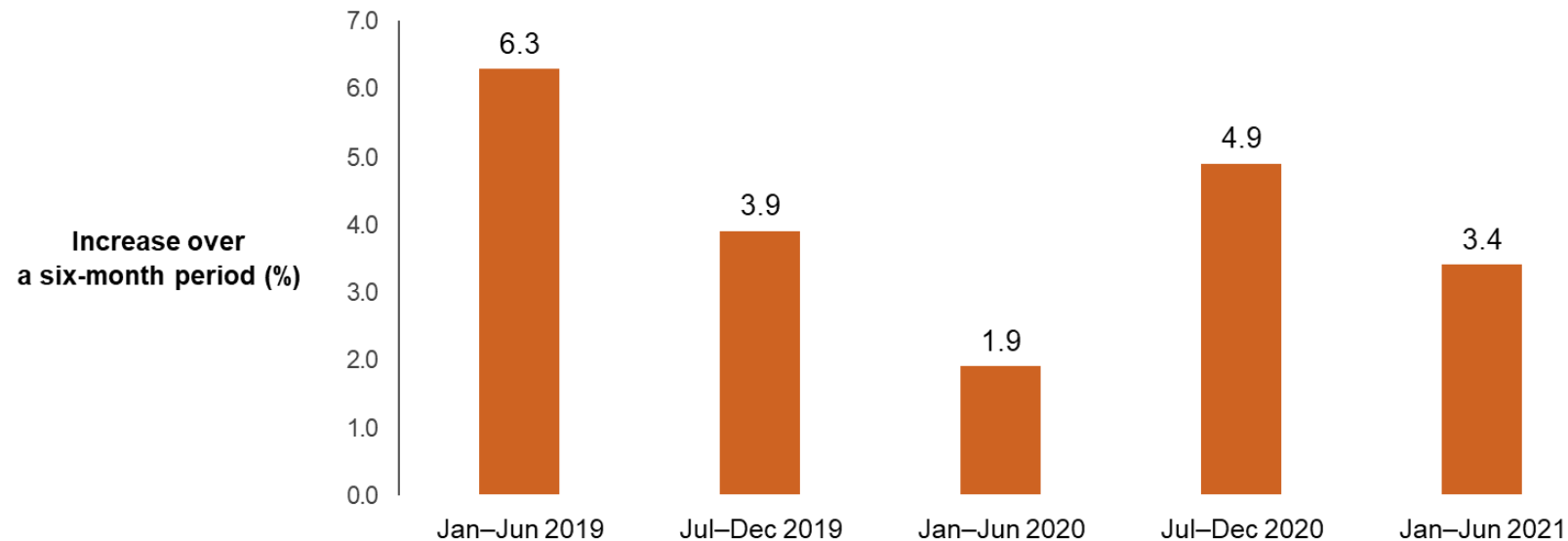
THE GLOBAL FUND

Data source: PEPFAR panorama spotlight website

Source: GFATM and partners (February 2022). HIV Treatment COVID-19 Disruptions & Adaptations [Meeting presentation]. HIV service adaptations in the time of COVID-19. Virtual.

HIV Treatment Continuity, despite a Dip in Growth in Jan-June 2020

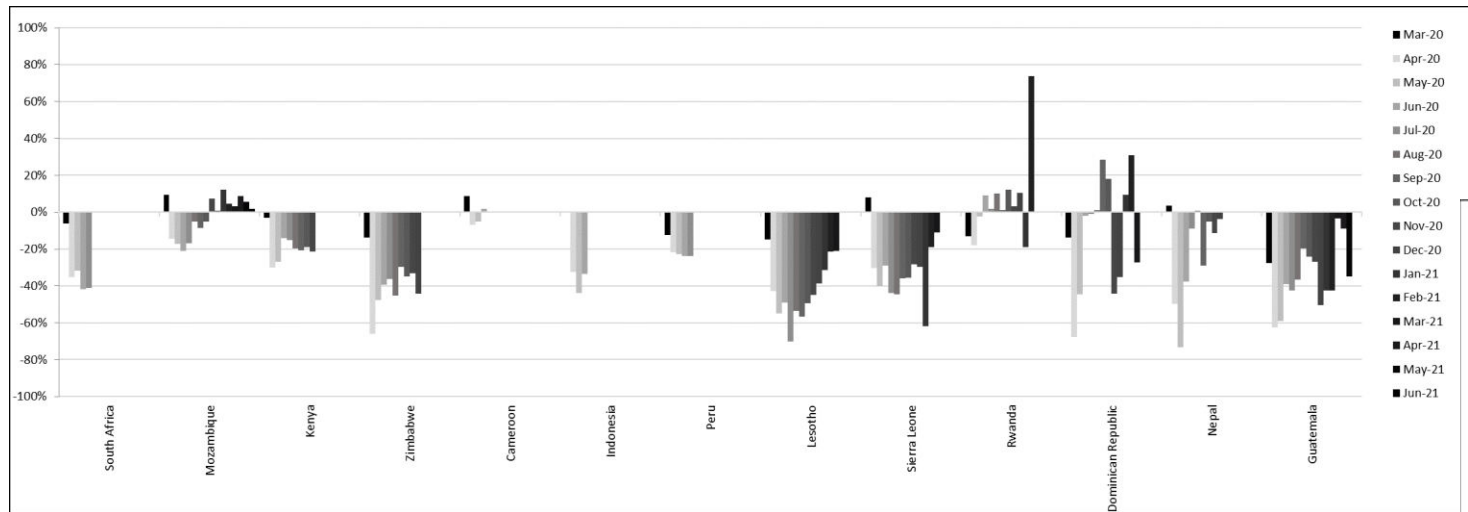
Percent change in the number of people living with HIV on ART, global, January 2019 to June 2021



Source: UNAIDS special analysis, 2021.

ART Initiations Slowed Overall, with some Exceptions

Percent change in the number of people on newly initiating antiretroviral therapy compared to early-2020



Source: UNAIDS HIV Service Disruption reporting platform

Boyd et al. *AIDS Res Ther* (2021) 18:62
<https://doi.org/10.1186/s12981-021-00385-5>

AIDS Research and Therapy

RESEARCH

Open Access

Expanding access to HIV services during the COVID-19 pandemic—Nigeria, 2020

Andrew T. Boyd^{1*}, Ibrahim Jahun², Emilio Dirlikov¹, Stacie Greby², Solomon Odafe², Alhassan Abdulkadir³, Olugbenga Odeyemi³, Ibrahim Dalhatu², Obinna Ogbanufe², Andrew Abutu², Olugbenga Asaolu²

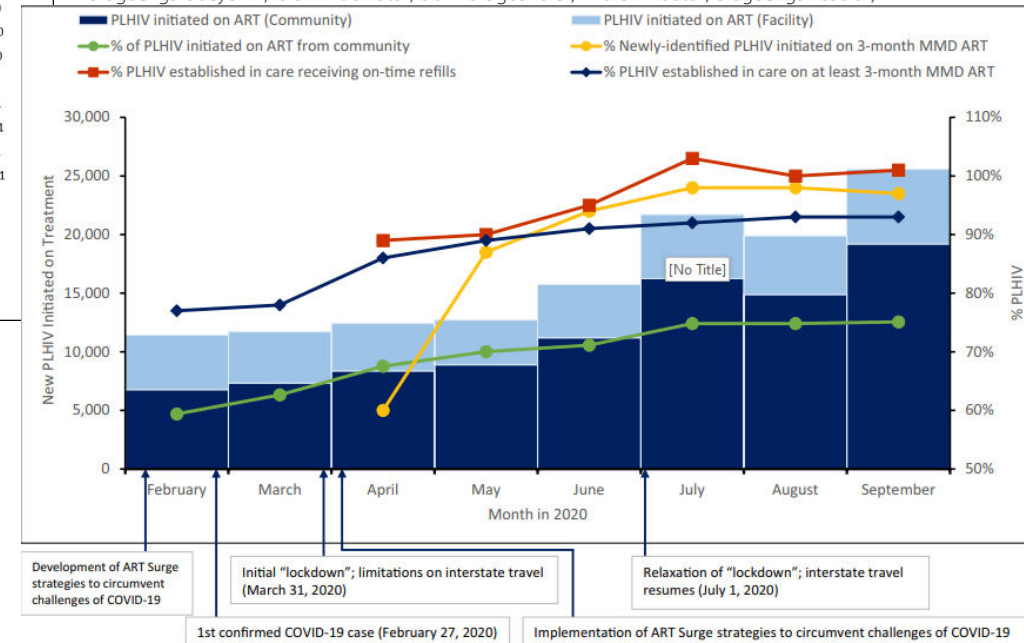
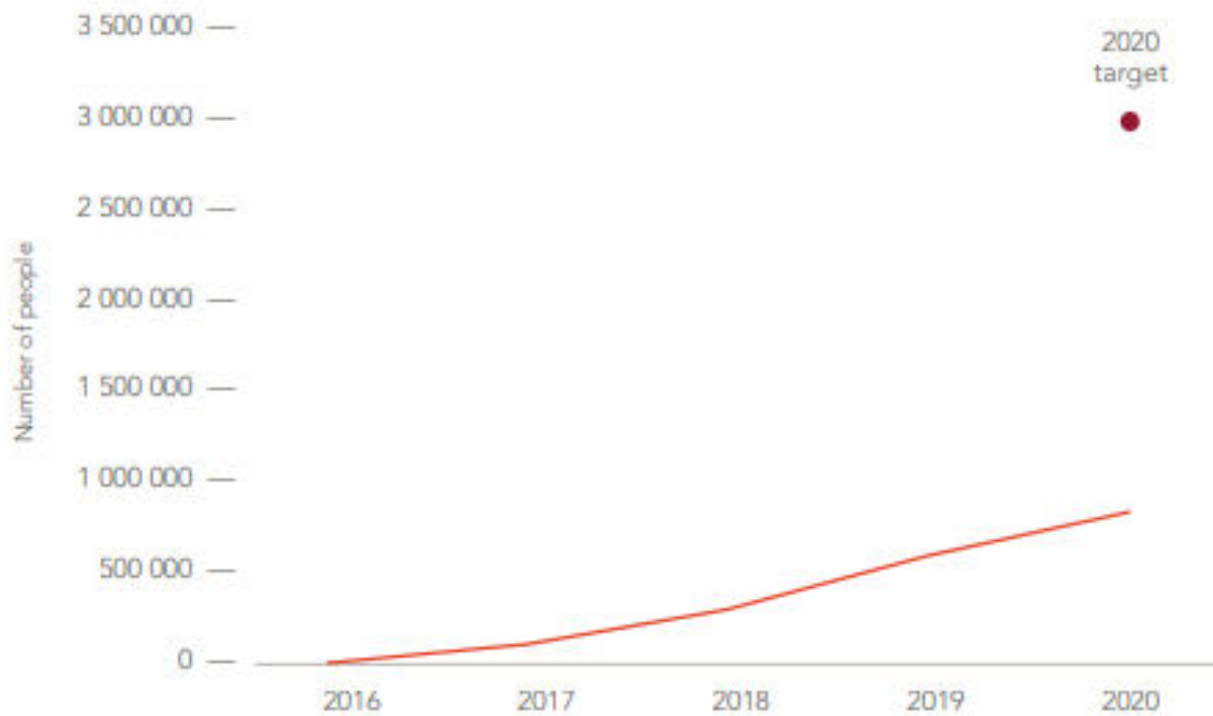


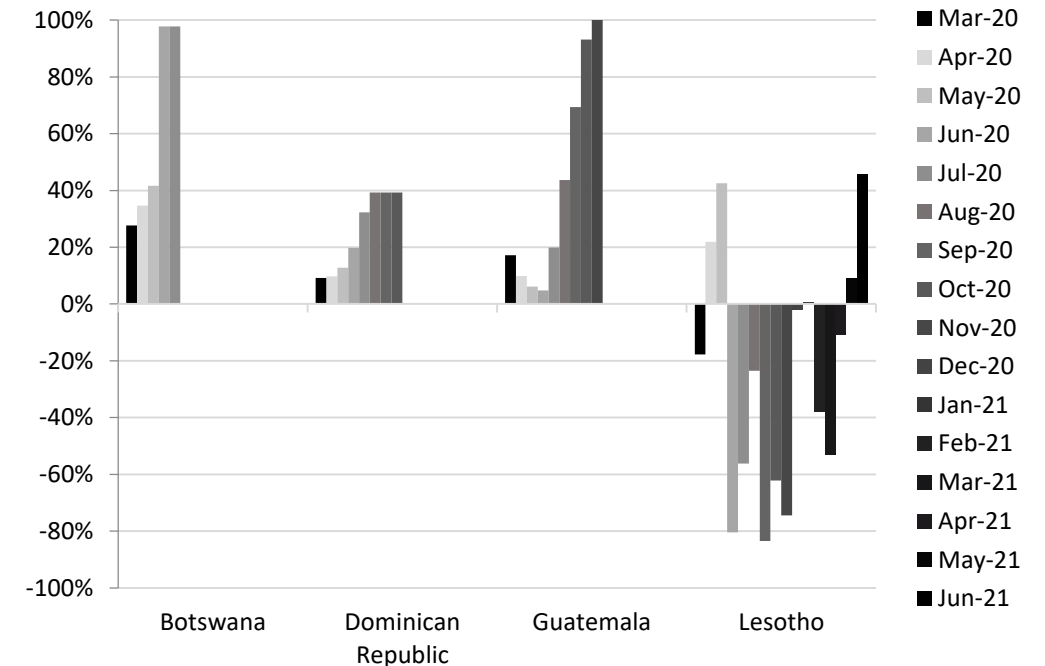
Fig. 1 Impact of innovative strategies implemented to circumvent the challenges of COVID-19 during the CDC Nigeria ART Surge, February–September 2020. PLHIV People living with HIV/AIDS, MMD multi-month dispensing, ART Antiretroviral treatment

Pre-exposure prophylaxis continued to expand through June 2021

Number of people who received PrEP at least once during the reporting period, global, 2016-2020, and 2020 target



Monthly change in the number of people receiving PrEP compared to early-2020

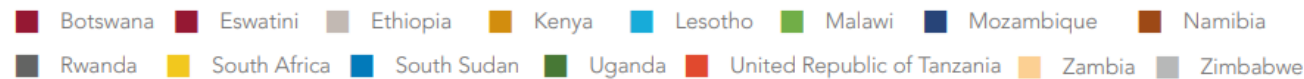
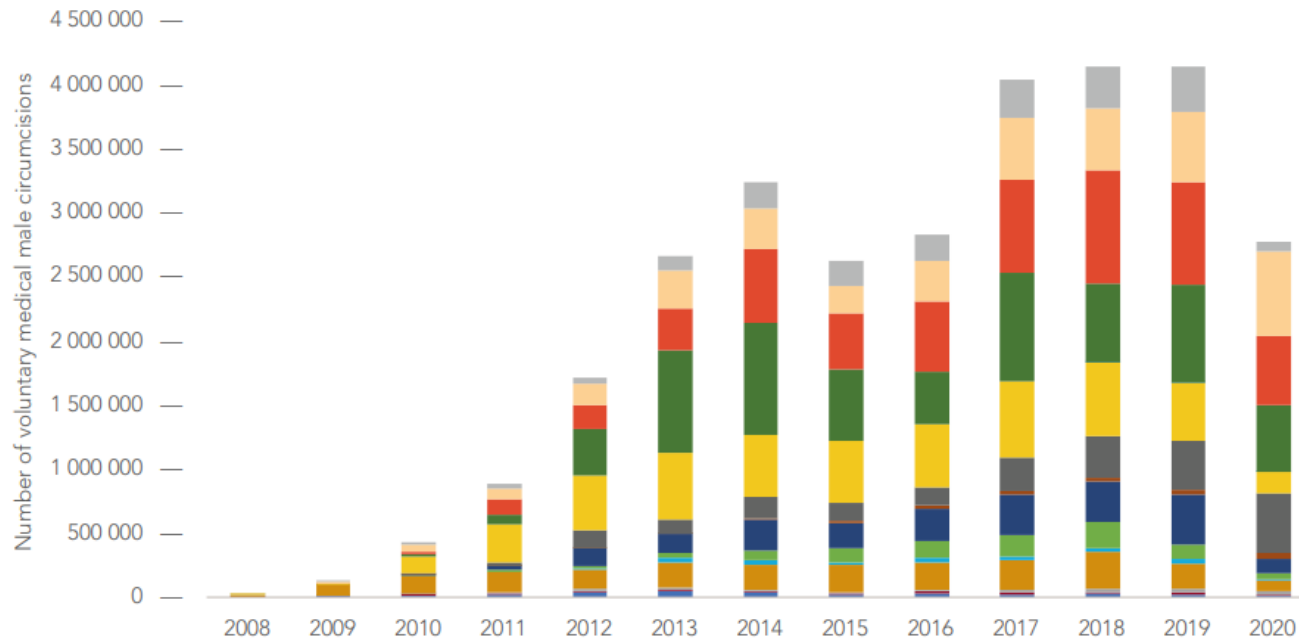


Source: UNAIDS HIV Service Disruption reporting platform

Source: UNAIDS Global AIDS Monitoring, 2017–2021 (<https://aidsinfo.unaids.org/>); Country updates. In: PrEPWatch [Internet]. AVAC; c2020 (<https://www.prepwatch.org/in-practice/country-updates/>); and country documents and meeting reports (available on request)

Voluntary medical male circumcisions dropped significantly in 2020

Annual provision of voluntary medical male circumcisions, 15 priority countries, eastern and southern Africa, 2008–2020



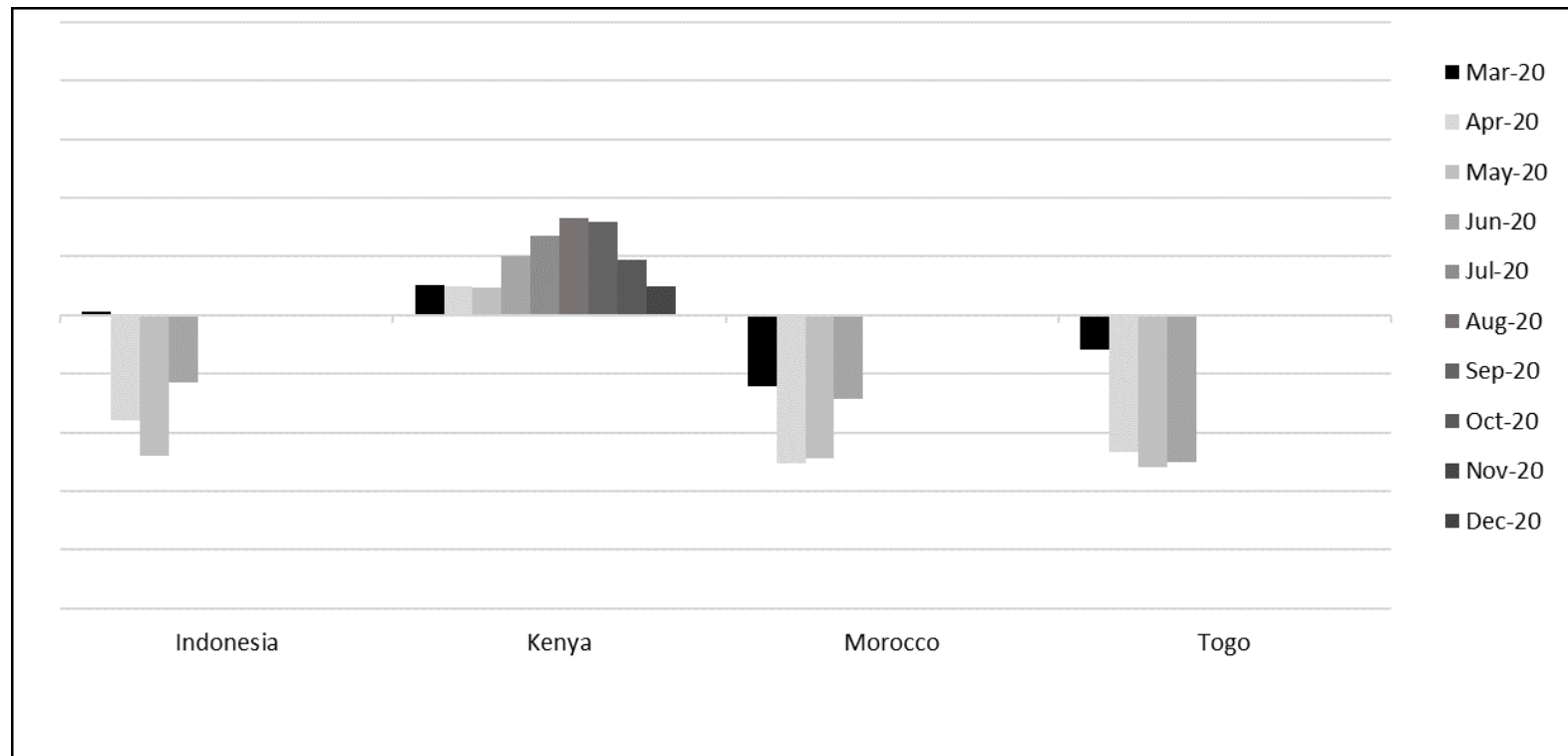
PEPFAR Males circumcised as part of voluntary medical male circumcision for HIV prevention



Data Source: PEPFAR Panorama Spotlight

Services for key populations: little specific data

Percent change in the number of sex workers reached with HIV prevention interventions designed for sex workers compared to baseline in 2020



Source: UNAIDS HIV Service Disruption reporting platform

Service delivery adaptations

Examples of key HIV service adaptations

- **Scale up of MMD for ART^{1 2} for adults and children**
- **PreP³**
- **HIV self-testing⁴**
- **Telemedicine⁵**
- **Flexible harm reduction⁶**

1 Itoh M, Mweebo M, Fwoloshi S, Boyd M, Mwila A, Sinyangwe G, et al. Rapid scale-up of multi-month dispensation of antiretroviral therapy as a COVID-19 mitigation measure, Zambia, 2020. 11th IAS Conference on HIV Science; 18-21 July 2021

2. Fernando N, Traub A, Gleason M, Amzel A, Vrazo A, Srivastava M. The impact of the COVID-19 pandemic on uptake of multi-month dispensing (MMD) of antiretroviral therapy for children living with HIV: a multicounty analysis. 11th IAS Conference on HIV Science; 18-21 July 2021.

3 Matambanadzo P, Busza J, Mafaune H, Chinyanganya L, Machingura F, Ncube G, et al. "It went through the roof": an observation study exploring the rise in PrEP uptake among Zimbabwean female sex workers in response to adaptations during Covid-19. J Int AIDS Soc. 2021;24 Suppl 6:e25813. doi: 10.1002/jia2.25813

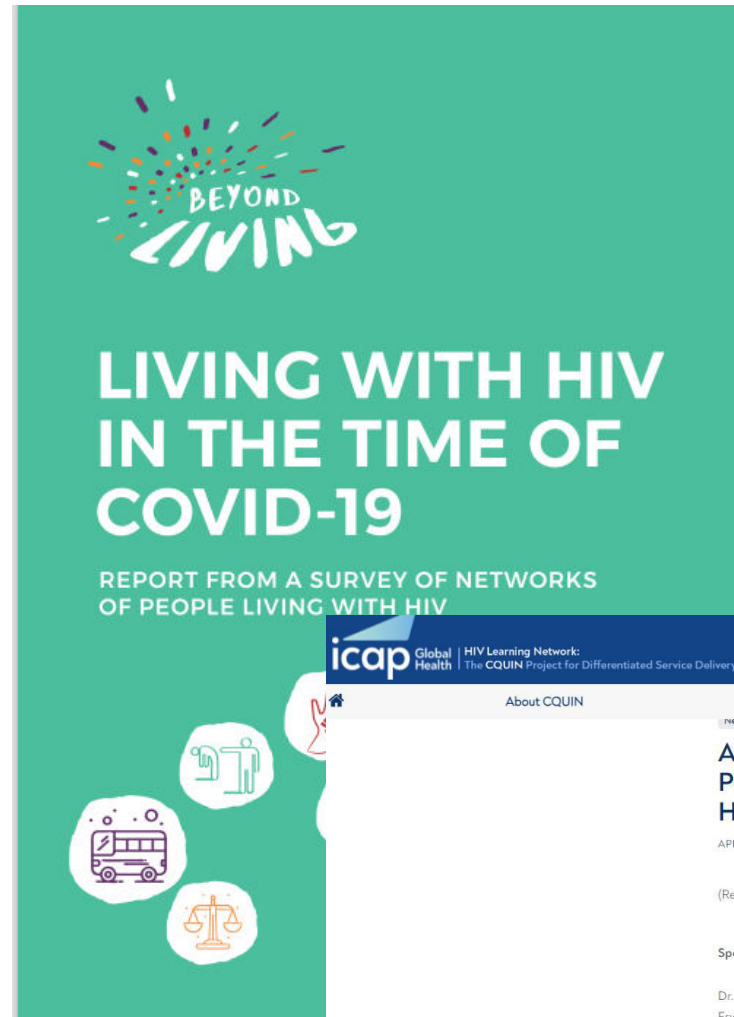
4 Maatouk I, Nakib ME, Assi M, Farah P, Makso B, Nakib CE, et al. Community-led HIV self-testing for men who have sex with men in Lebanon: lessons learned and impact of COVID-19. Health Res Policy Syst. 2021;19(Suppl 1):50. Epub 20210421. doi: 10.1186/s12961-021-00709-x. PubMed PMID: 33882944; PubMed Central PMCID: PMC8058575.

5 Rodriguez-lantorno P, Cecchini D, Mauas R, Bottaro R, Rombini F, Ballivian J, et al. Successful implementation of telemedicine and pharmacy enhanced HIV services as response to COVID-19 quarantine among health insured patients in Argentina. 11th IAS Conference on HIV Science; 18-21 July 2021

6. [Take-home opioid substitution therapy in the context of COVID-19 \(unodc.org\)](https://www.unodc.org/)


Selected additional resources including on service adaptations

1. Community-led surveys
2. ICAP's CQUIN network
3. Journal of the IAS




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Supplement: Editorial |  Open Access |  

Silver linings: how COVID-19 expedited differentiated service delivery for HIV

Anna Grimsrud  Peter Ehrenkrantz, Izukanji Sikazwe

First published: 28 October 2021 | <https://doi.org/10.1002/jia2.25807>

SECTIONS

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“In the rush to return to normal, use this time to consider which parts of normal are worth rushing back to.”
– Dave Hollis, author

As we write this Editorial at the beginning of July 2021, the World Health Organization (WHO) has reported that the African continent is experiencing its worst week of the COVID-19 pandemic and that COVID-19 cases are rising in all six of the WHO's global regions [1, 2]. There is a serious imbalance in global distribution of COVID-19 vaccines with only 1% of people in Africa and low-income countries being fully vaccinated and 85% of doses globally

icap Global Health | HIV Learning Network: The CQUIN Project for Differentiated Service Delivery

About CQUIN

Network Countries

Country to Country Learning

Network Focus

Archived Webinar: DSD and COVID-19 (Updates on Policy and Practice Adaptations from Ministries of Health, Eswatini and Liberia)

APR 28, 2020

(Recorded on April 28, 2020)

Speakers:

Dr. Hervé Kambale, DSD Technical Advisor, National AIDS Program, Eswatini: An overview of the Eswatini national response to COVID-19 and policy implications for DSD

Dr. Jeremie Ndala, Medical Officer, Mbabane Government Hospital, ART Unit, Eswatini: An overview of health facility adaptations for COVID-19



Thank you

ghysp@unaids.org



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- The content is solely the responsibility of the authors and does not necessarily represent the official views of UNAIDS or other organisations.