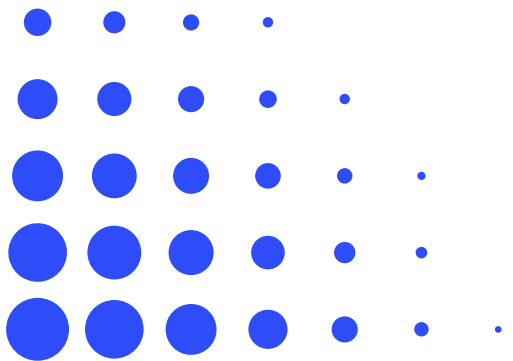


Sustaining and scaling HIVST at work- Global Fund perspective

Workshop June 21st2022

- David Maman, MD PhD
- HIV Advisor, Technical Advisory and Partnerships department

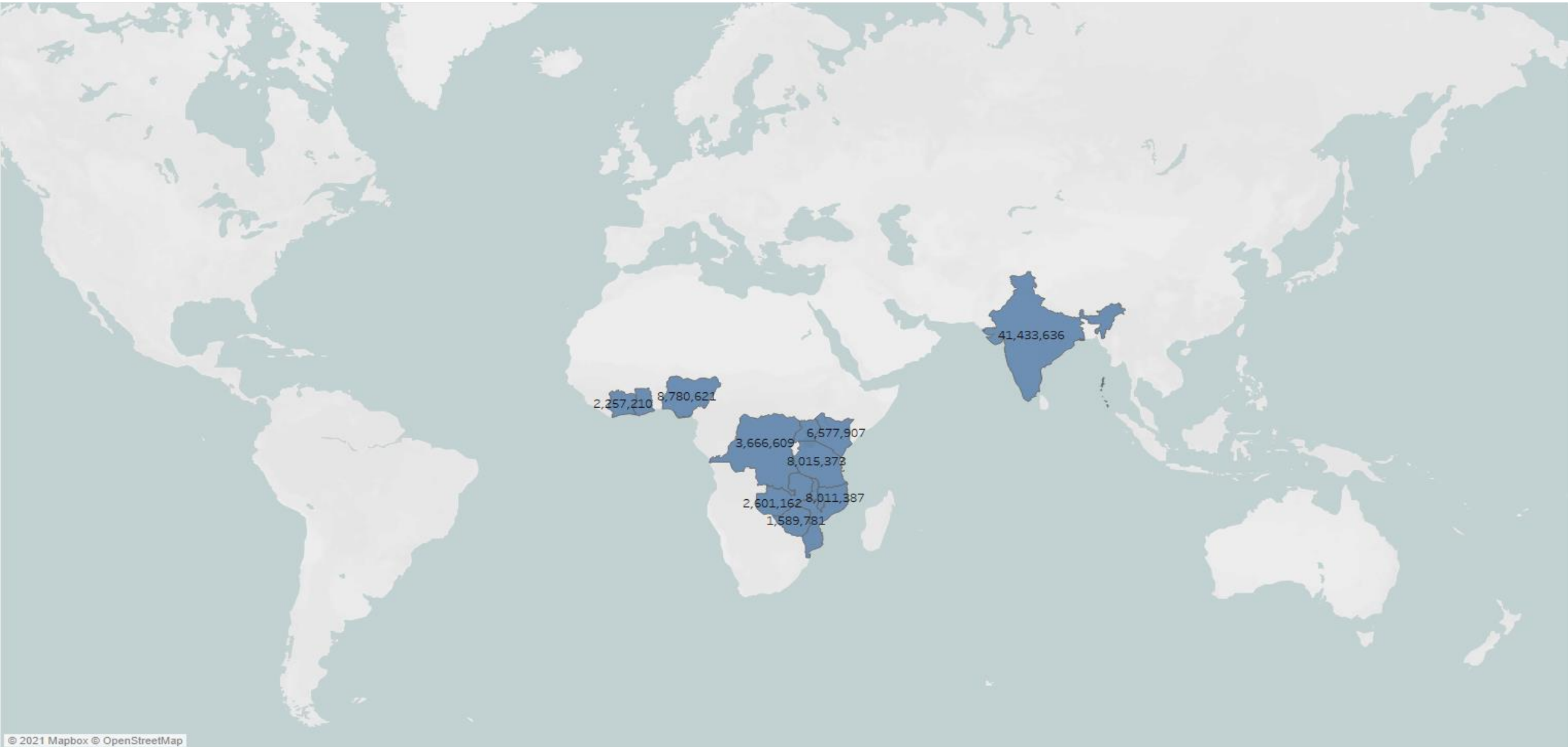


Introduction

The new 2023-28 GF strategy:

- “Close the gaps in HIV prevention coverage... Emphasis will be placed on reaching KP and their sexual partners in all geographies, as well as AGYW and men in SSA...”
 - “Efforts will focus on finding and supporting PLHIV who do not know their status through further differentiation of HIV testing strategies across the facility and community continuum and through self-testing, leveraging provider assisted referral and social network-based approaches. “
-
- Programmatic data include HIV Testing Volumes, Overall and stratified by Key Populations
 - Self Testing distribution data will become available from NFM4 (2024)
 - NFM3 HIV Testing Budget (Including Self-Testing)
 - Procurement Data through PPM 2018-2021: A fast changing landscape

89.4% of HIV Testing volume in just 12 countries



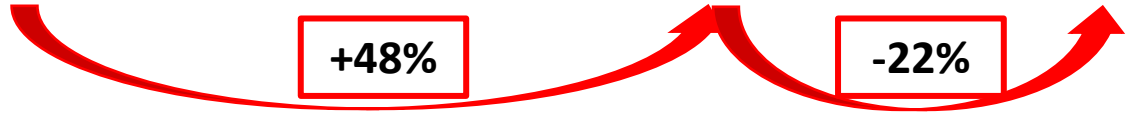
Map based on Longitude (generated) and Latitude (generated). The marks are labeled by sum of Tests2020. Details are shown for Country Code. The data is filtered on Number of tests done in 2020, which keeps btw 1,000,001 & 10,000,000 and More than 10,000,000.

GF reported HIV testing volume, 2017-2020

	2017	2018	2019	2020
General population (%)	84,749,238 (94.0)	121,743,761 (95.8)	127,338,175 (95.2)	98,329,695 (94.5)
Key Population	4,521,631 (5.0)	4,405,503 (3.4)	5,255,442 (3.9)	4,518,767 (4.3)
Sex workers	1,213,244	1,018,694	1,276,922	1,280,357
Men who have sex with men	1,056,260	1,196,996	1,434,119	1,271,400
People who use drugs	501,496	771,832	774,059	749,754
Prisoners	64,592	453,815	740,702	489,928
Transgender population	74,648	87,857	106,438	77,364
Other vulnerable population	1,611,391	876,309	923,202	649,964
EID	427,074	431,530	435,500	418,342
Adolescents and youth	466,591	490,630	715,680	705,709
Total	90,164,534	127,071,424	133,744,797	103,972,513

+48%

-22%



Key population HIV Testing results, 2017-2020

	2017	2018	2019	2020
Sex workers	1,213,244	1,018,694	1,276,922	1,280,357
Men who have sex with men	1,056,260	1,196,996	1,434,119	1,271,400
People who use drugs	501,496	771,832	774,059	749,754
Prisoners	64,592	453,815	740,702	489,928
Transgender population	74,648	87,857	106,438	77,364
Other vulnerable population	1,611,391	876,309	923,202	649,964
Total (%)	4,521,631 (5.0)	4,405,503 (3.4)	5,255,442 (3.9)	4,518,767 (4.3)

Key Messages:

- **Between 2018 & 2020, KP Testing targets increased by 34% from 5.1 to 6.9M tests.**
- KP HIV Testing volumes increased by **19% in 2019**
- **2020: Falling further behind from targets.**
 - HIV Testing volumes reduced by 14%
 - Performance 2020 was 65% vs 87% in 2019

Financial Analysis: HTS Budget for the last 3 funding cycles

	2015-2017	2018-2020	2021-2023
Tanzania (United Republic)	28,636,914	31,564,105	52,516,256
Mozambique	13,817,121	11,621,862	38,795,431
Uganda	13,429,573	27,842,837	17,284,056
Zimbabwe	26,332,302	21,594,227	16,810,762
Ethiopia	30,407,204	26,680,936	15,505,138
Nigeria	1,600,286	19,196,208	14,636,253
Malawi	8,025,087	20,006,398	14,218,883
Burkina Faso	2,746,723	3,426,820	10,339,152
Indonesia	5,338,152	5,591,735	9,717,515
Myanmar	4,360,930	4,342,963	9,467,413
Zambia	5,845,896	5,871,872	9,073,538
Congo (Democratic Republic)	3,536,414	1,035,109	8,893,669
Cameroon	7,630,691	8,960,567	8,415,771
Kenya	11,293,371	5,100,643	8,393,593
South Africa		5,324,795	6,567,276
Mali	250,831	1,493,980	6,177,219
Ukraine	3,087,709	2,439,849	5,882,193
Viet Nam	1,442,957	5,972,174	5,574,616
South Sudan	247,379	2,635,219	5,415,921
Benin	6,089	71,717	5,341,310
Dominican Republic	451,847	2,382,478	5,211,002
Nepal	2,617,694	3,483,017	4,917,710
Lesotho	7,170,785	4,926,704	4,871,407
India	442,990	284,508	4,265,413
Philippines	2,328,541	920,011	4,114,900
Ghana	3,639,173	4,689,343	4,029,265

- **Overall HTS Budget (USD):**
 - 2015-2017: **233,865,454**
 - 2018-2020: **316,644,877**
 - 2021-2023: **377,326,512**
- **As of Jan 2022**, over US\$ 78.7 million has been budgeted towards HIVST activities across the GF portfolio (66 countries).

Procurement: HIV Tests & Self Tests ordered using PPM* (2020-21)

Number of HIV tests ordered in 2020 & 2021

	2020	2021
Duo Test	3,749,850	7,881,450
Self-Tests	1,969,094	5,249,702
Other HIV RDT	78,814,905	57,198,427
Total	84,533,849	70,329,579

Market share of the 4 most ordered HIV Tests in 2020

	2020	2021
Test A	57.6%	43.3%
Test B	21.9%	25.2%
Test C (Duotest)	3.3%	11.0%
Test D (ST)	2.2%	6.2%

- HIV/Syph Duotest and HIV ST represented **18.7%** of all HIV rapid tests in 2021, up from **6.8% in 2020**
- The main Duotest and ST kits ordered are now overall 3rd and 4th HIV tests ordered in 2020
- The market share of the main test ordered reduced for the first time <50% of all tests ordered. However, the company still represented 80% of the market and 3 out of 4 of the top tests ordered.

* This only ST kits purchased through the wambo system. Kits purchased outside of the PPM by countries do not appear here

HIV Self-Tests kits ordered using PPM* (2018-21)

Number of HIV Self-Tests kits ordered using PPM (2019-2021)

	2019	2020	2021
ST Kits	1,954,650	1,969,094	5,249,702

Number of countries who ordered HIV Self-Tests kits using PPM (2019-2021)

	2019	2020	2021
Countries	3	18	30

In 2021, one supplier represented **84.2%** of the total market.

Countries where ST were ordered in 2021: Malawi, Uganda, Mozambique, Nigeria, Cameroon, Lesotho, Ghana, Swaziland, Mali, Philippines, Namibia, Belarus, Burkina Faso, Liberia, Thailand, Senegal, Cote d’Ivoire, Zambia, Armenia, Benin, Guatemala, Sri Lanka, DRC, Nepal, Eritrea, Togo, Madagascar, Gambia, Niger

* This only ST kits purchased through the wambo system. Kits purchased outside of the PPM by countries do not appear here

Discussion: Self-Testing within GF supported programs

- In 2021, ST represented **7.4%** of the total number of HIV serologic RDTs procured. A rapid evolution of the type of tests ordered.
- **Covid-19 as an accelerator for transition to Self-testing and Self-Care: ST is one the 5 “must-have adaptation**
- An HIV testing *strategy based on routine and frequent review of HIV testing data* (HIV testing coverage, volume, and positivity) to identify gaps in coverage by geography, specific age groups, sex/gender, and service delivery sites.
- Funding Cycle 2023-25: The inclusion of *HIV self-testing* as part of the strategic mix of HIV testing services
 - HIV Testing programs should aim for high testing coverage for people at increased risk of HIV infection
 - However, monitoring positivity among those tested is important to ensure that the testing is focused on those who are most affected, to assess prevention program effectiveness and to determine the ideal frequency of HIV testing adapted to local HIV incidence in targeted populations.
- Integration of Testing and prevention services as well as multi-disease testing.