



**Global Health Security
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PEPFAR
U.S. President's Emergency Plan for AIDS Relief

HIV Testing Services for Prevention and Treatment

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Before PEPFAR...

In high HIV-burden countries in Africa...

- Average life expectancy was declining by **10-30 years**
- GDP was declining by **2.6% annually**
- **29 million** people infected with HIV had no access to treatment



...After PEPFAR

...20+ years and \$110 billion invested

- **25 million** lives saved – helped to close the gap in life expectancy for PEPFAR-supported countries
- **20.5 million** people on treatment
- **5.5 million** babies born HIV-free
- **GDP / capita is 2.1% higher**



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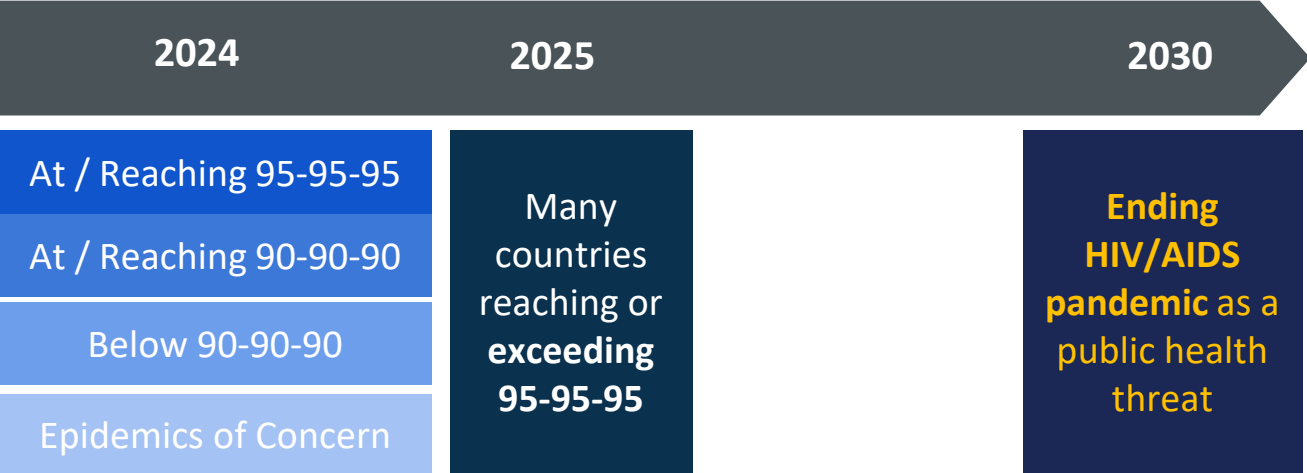


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The Future State of PEPFAR

PEPFAR’s Strategy to end AIDS as a public health threat by 2030 supports country governments to integrate vertical HIV/AIDS programming more efficiently and effectively with the local health service delivery infrastructure as a path towards greater sustainability.

Our Goal

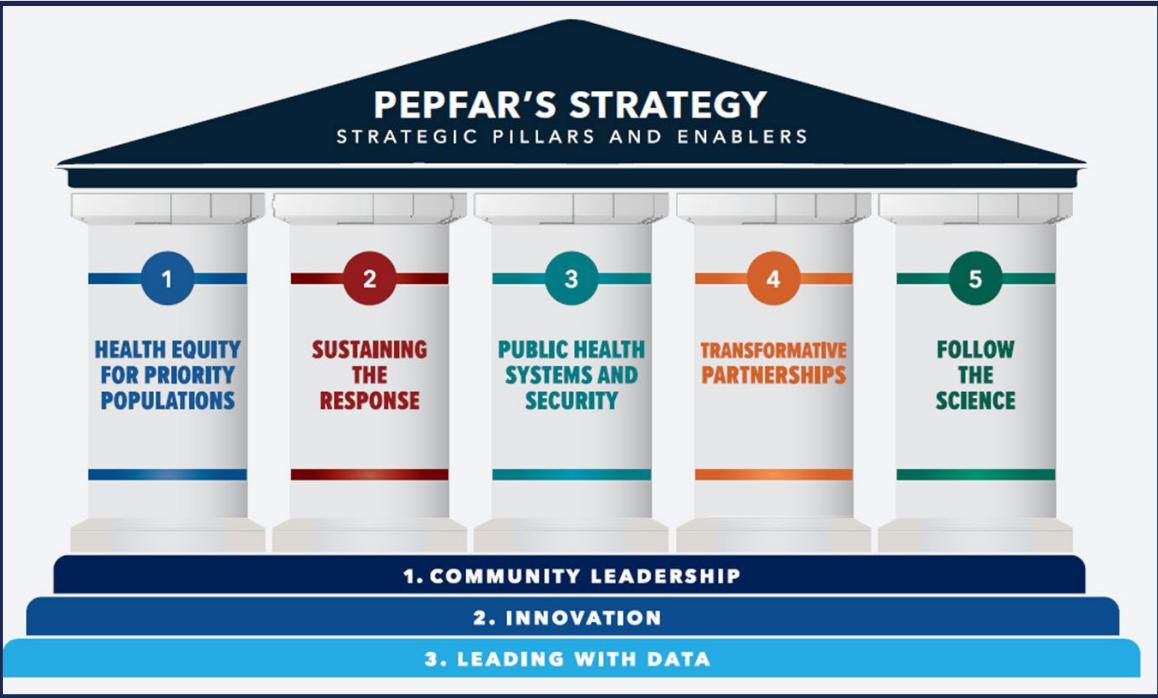


Countries at different levels of the Clinical Cascade*

* Clinical Cascade:

- % of people living with HIV knowing their status
 - % of those diagnosed on antiretroviral therapy
 - % of those virally suppressed

...And How We Get There



Steady Progress towards the 1st 95 Over the Past 5 Years

Of the **46** PEPFAR-supported countries, currently:

- **21 countries** reached the **1st 90**
- **11 countries** reached or exceeded the **1st 95**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Thailand										90%
Benin										91%
Nepal										92%
Nicaragua						90%				92%
Burkina Faso									90%	93%
Cameroon									90%	96%
Guatemala									90%	97%
Burundi								90%	91%	92%
Tanzania								90%	92%	96%
Uganda						90%	91%	91%	91%	91%
Zambia						91%	92%	92%	93%	94%
Malawi						91%	92%	92%	94%	96%
Namibia						91%	93%	93%	94%	95%
Jamaica					90%	91%	94%	96%	94%	93%
South Africa					90%	92%	93%	94%	94%	95%
Zimbabwe					90%	93%	94%	95%	96%	97%
Botswana					91%	95%	96%	96%	97%	97%
Lesotho				93%	95%	96%	96%	95%	94%	94%
Kenya			90%	92%	94%	94%	94%	94%	94%	95%
Eswatini		90%	93%	95%	97%	97%	98%	97%	96%	97%
Rwanda	91%	90%	91%	92%	93%	94%	94%	95%	95%	95%

Note: The 46 represent 70% of PEPFAR-supported OUs/regions. This does not include Nigeria, Kazakhstan, Ukraine, among a few others.

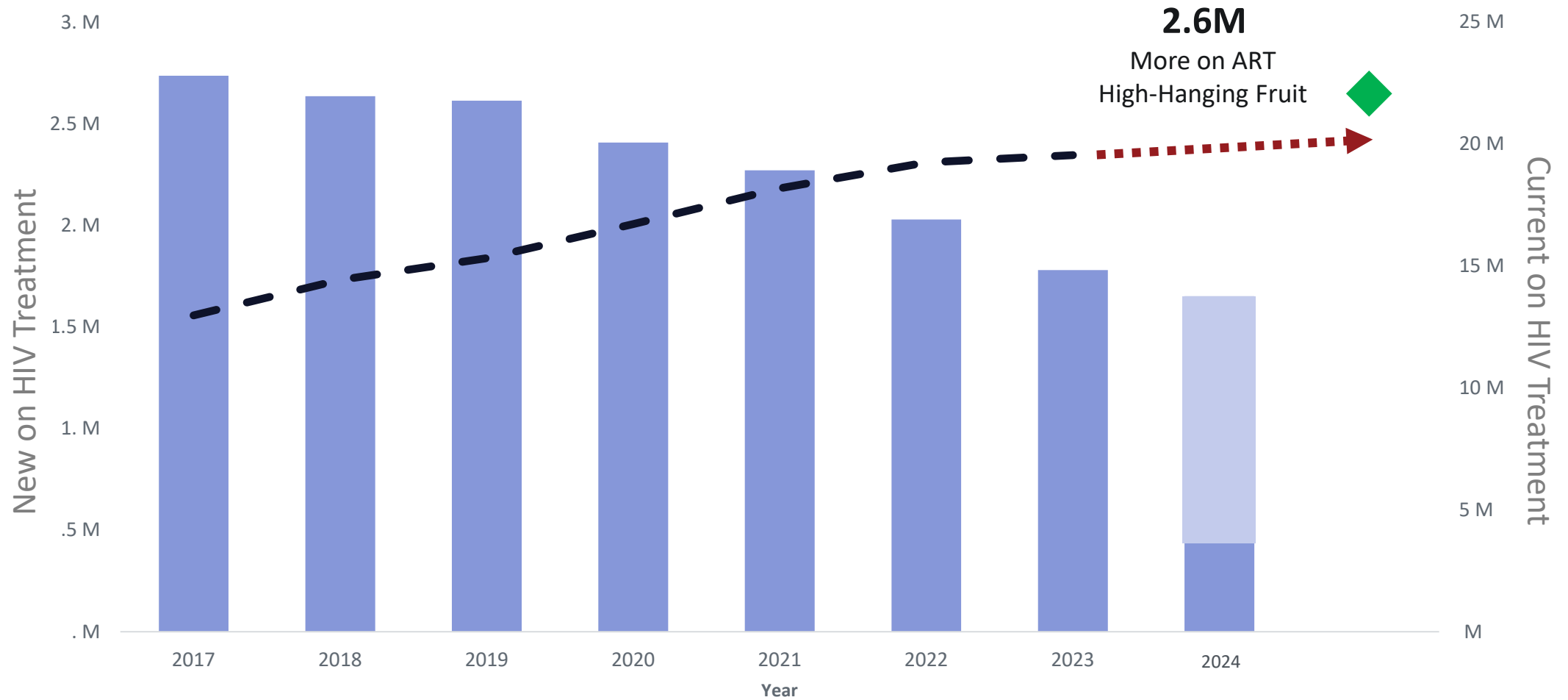


Source: 2023 UNAIDS estimates

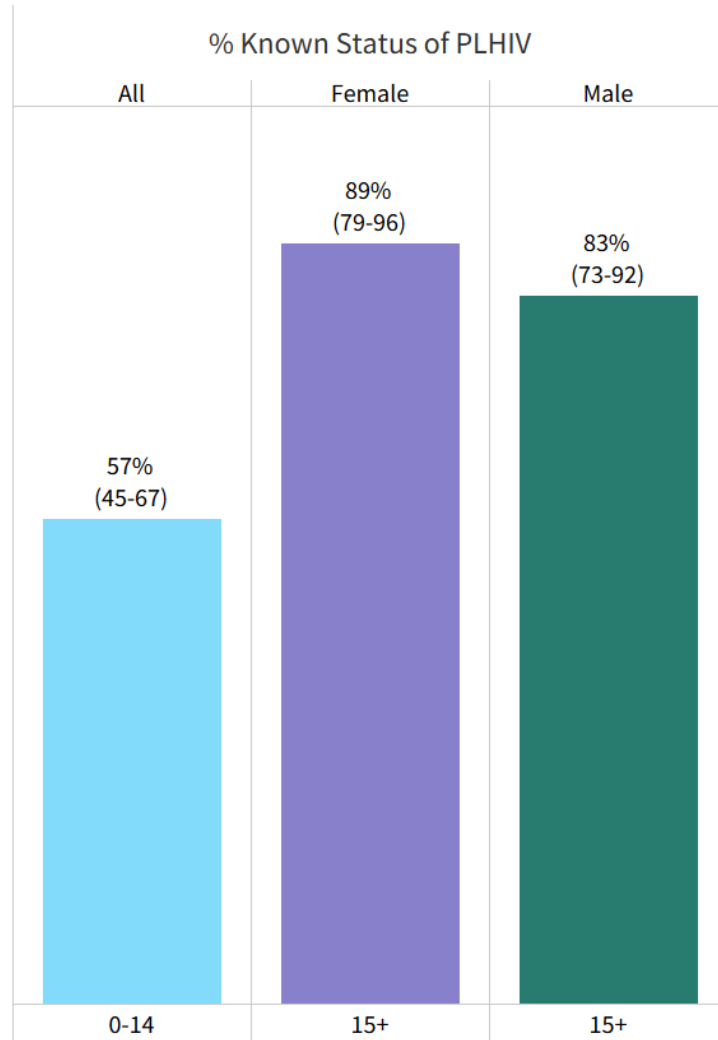
2023 UNAIDS Estimates/15+

Reaching the 2025 Targets Will Require *Sustaining* the 20M+ Clients on Treatment While *Accelerating* to Close the Remaining Gaps

PEPFAR ART Treatment New and Current Levels (Bilateral OUs)



Children lag in Progress Towards the 1st 95



2023 UNAIDS Estimates

The Global Alliance to End AIDS in Children by 2030



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**PEPFAR Operational Considerations:
Caregiver- and Lay Staff/Volunteer-Assisted Testing with HIV
Self-testing (HIVST) Kits for Use in Children and
Young Adolescents
Aged 2-14 Years**

Countries with the Largest Burden of Undiagnosed Men

Estimated Number of Undiagnosed Men Living with HIV by Country

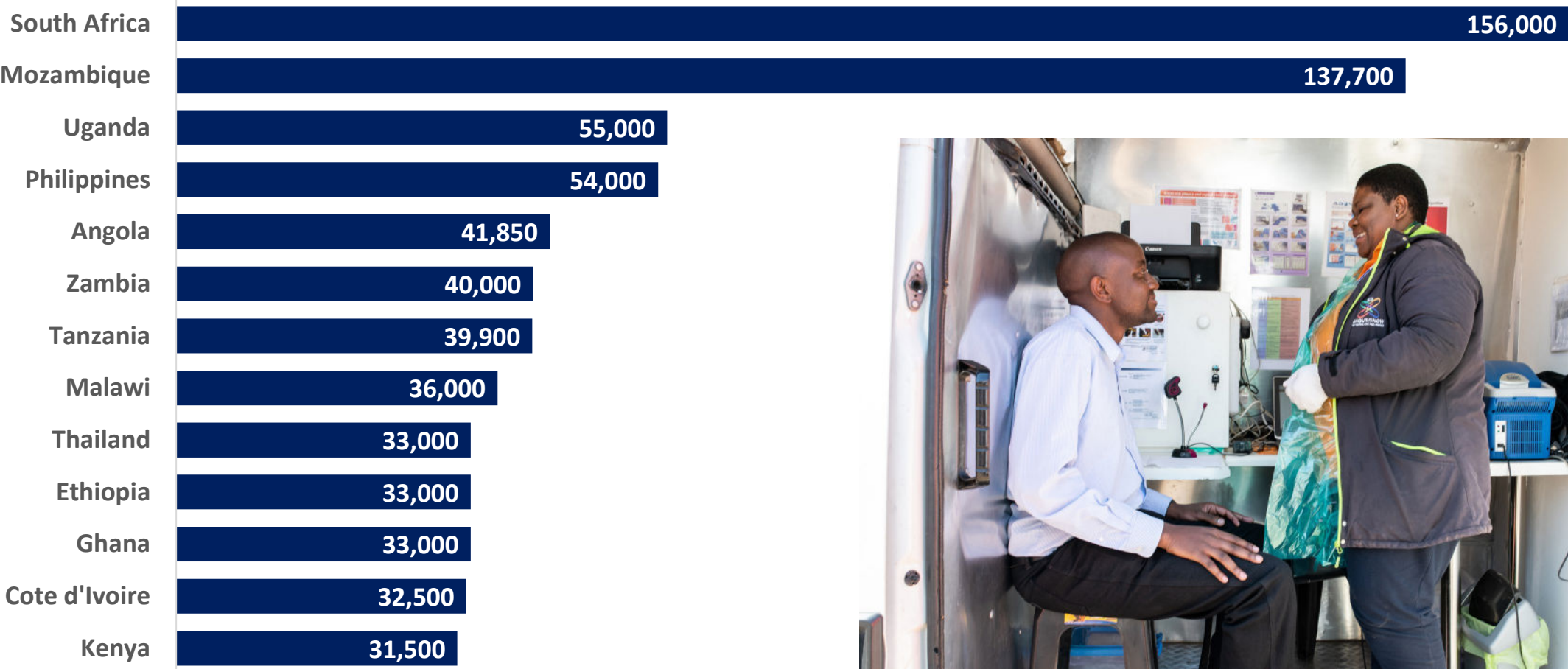
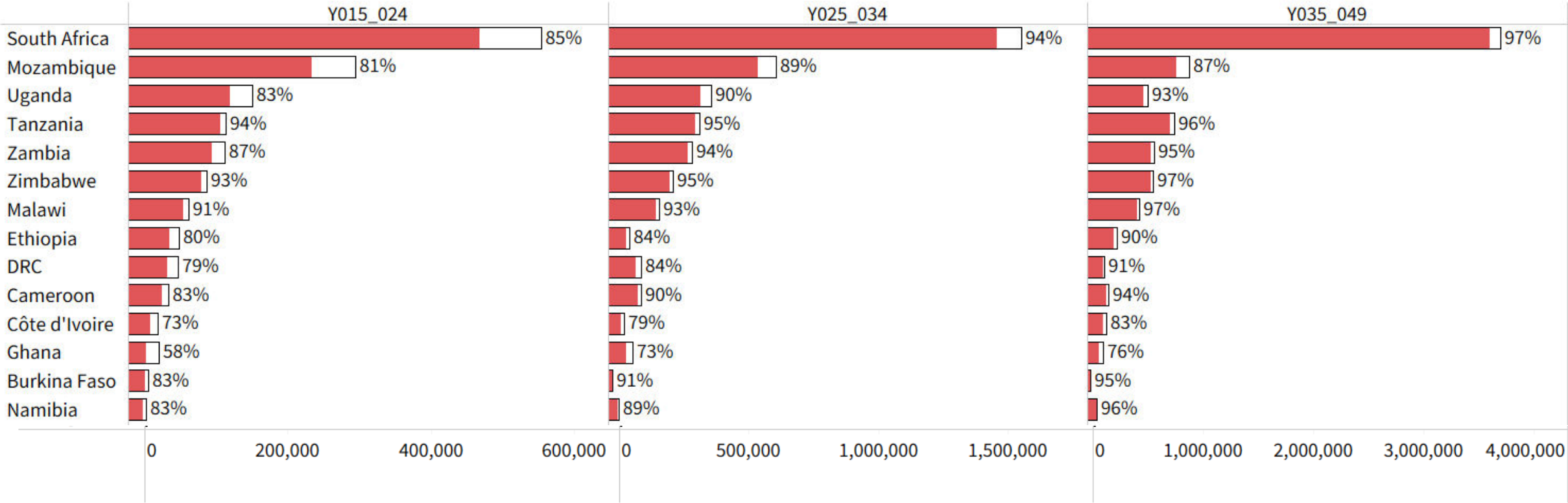


Photo Credit: © Thom Pierce

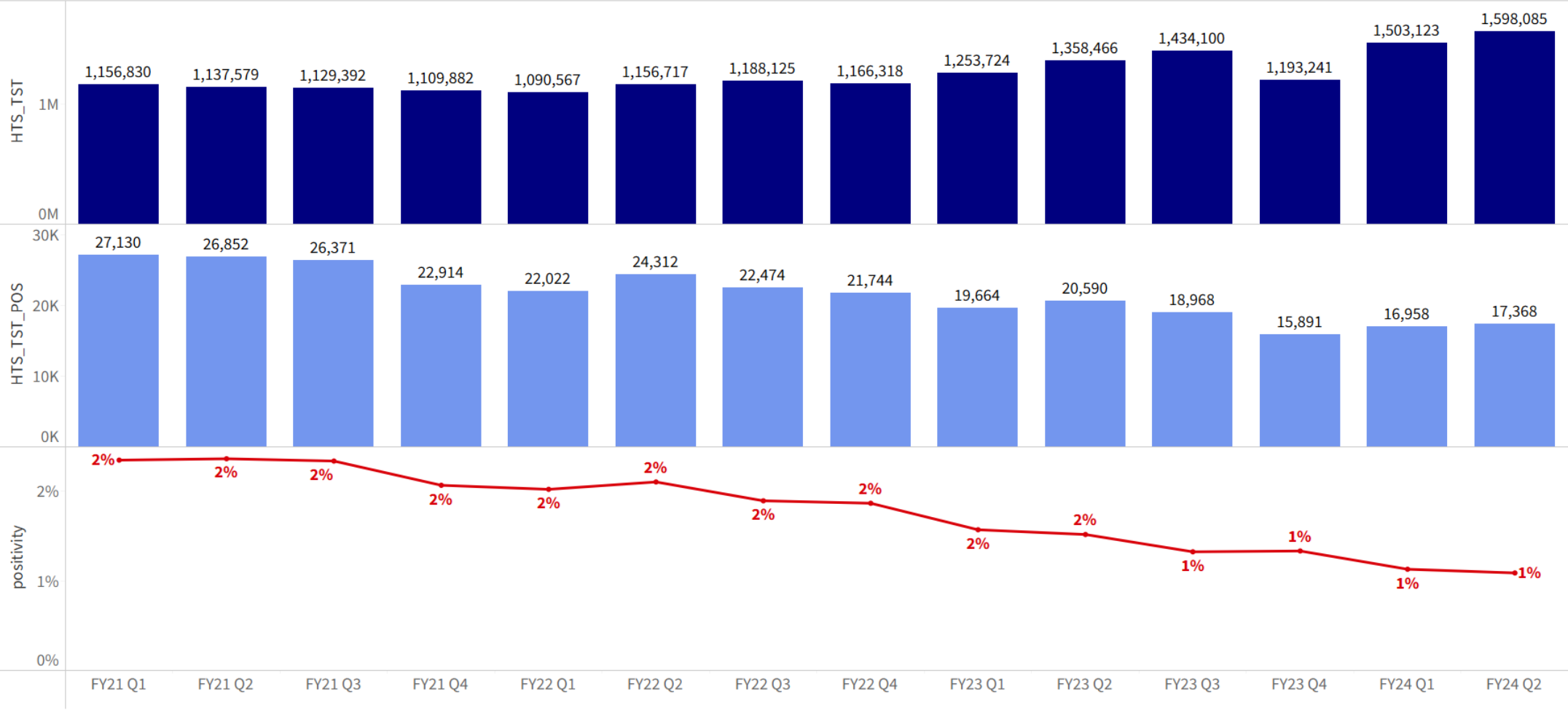
Knowledge of HIV status lags among youth 15-24 years

Progress on the 1st 95 for Youth (15-24), Adults (25-34) and Adults (35-49)



PEPFAR has increased HIV testing among youth 15-24 years with increases in case identification in the last three quarters

Youth (15-24) Testing & Case Finding



MSD FY24 Q2

PEPFAR's Youth Initiative aims to address HTS barriers and expand testing access among youth

A

Galvanize youth leadership & voices in PEPFAR-supported countries to ***promote innovation*** and ***improve HIV prevention, case finding***, and treatment outcomes

B

Establish a youth advisory council to galvanize youth leadership and programming

C

Support efforts to ***address access barriers*** to HIV services

- ***Implement practices at scale that improve access to HIV services among youth***
- Fund and strengthen capacity of ***civil society*** to support efforts

D

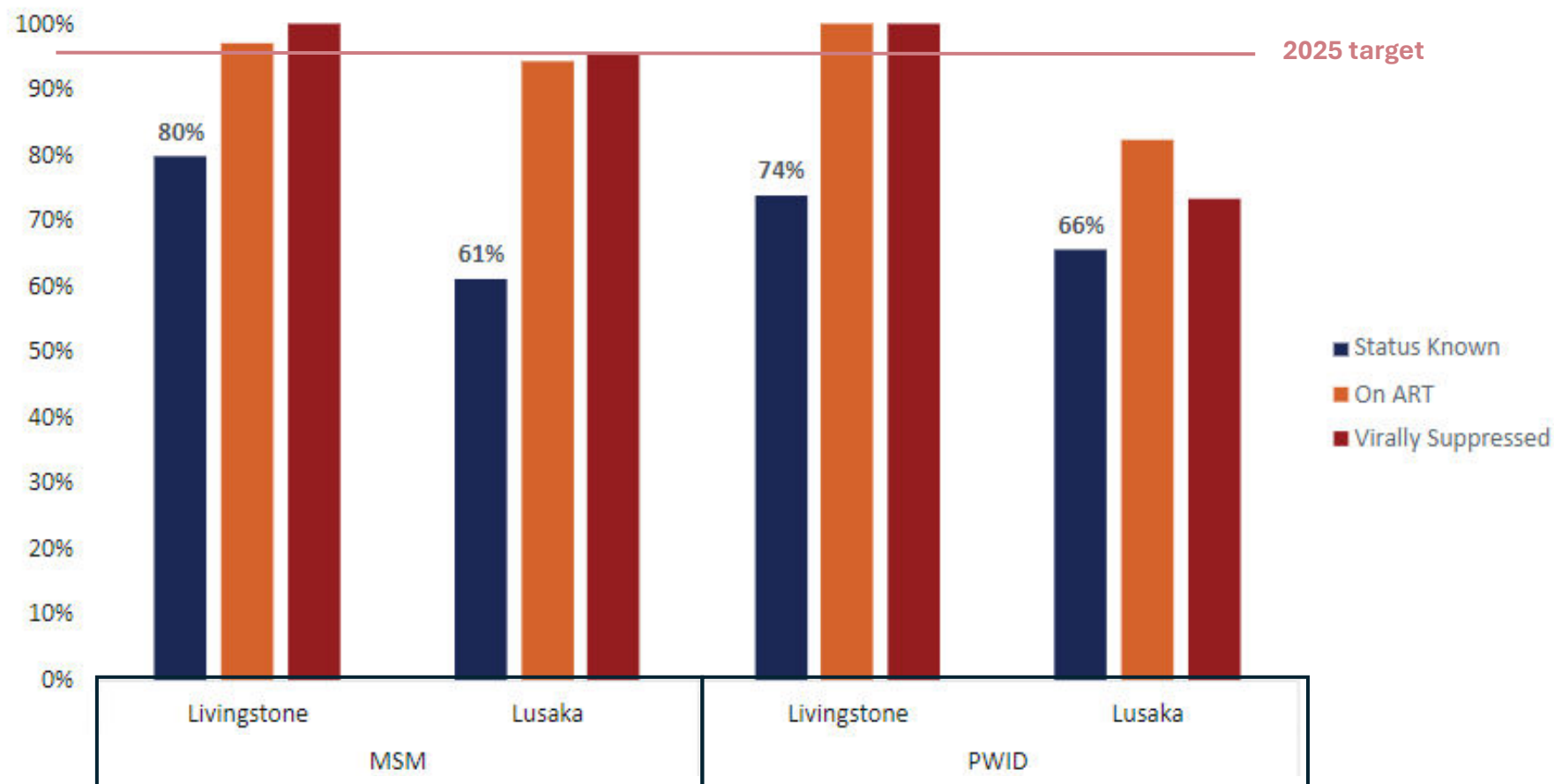
Engage partners/stakeholders to sustain and accelerate the youth initiative

- Develop strategic partnerships to leverage ongoing PEPFAR investment and amplify global communication messaging

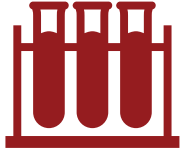


Inequities in Progress Towards 1st 95 Among MSM and PWID in Zambia

Results from Zambia's PEPFAR-funded biobehavioral survey



Expanding HIV Testing Services for Prevention and Treatment



- **HTS support HIV diagnosis** (case finding) and linkage to treatment for PLHIV who have not yet been diagnosed.
 - Strategically implement case-finding approaches to **maximize case detection**, these strategies should be **tailored to the population(s)**.
 - **Safe and ethical** HTS in all modalities.



- **HTS are often an important step in re-engagement** to HIV treatment services.
 - Leveraging HTS is accepted and should be planned for as an essential and effective **linkage strategy**.
 - PEPFAR should work with partner governments to **maintain quality case surveillance**, eliminate duplicate records, and correctly distinguish records for people who are new to treatment from people **re-engaging** in care or **transferring** from one care site to another.



- **HTS are an entry point for prevention services**, providing a key opportunity for referral to person-centered, high impact prevention programs for individuals who are HIV seronegative.



Thank you



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