

# PEPFAR 3.0

Vision for an AIDS-Free Generation

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U.S. Department of State

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# PEPFAR's Evolution

From Emergency Response to Sustainable Impact for an AIDS-free Generation

2003 – 2007: PEPFAR I

- Emergency response
- Delivering prevention, care, & treatment services
- Building & strengthening health systems to deliver HIV services

2008 – 2012: PEPFAR 2

- Shift from emergency to sustainable response
- Shared responsibility & country-driven programs
- Scaling up core interventions (ART, PMTCT & VMMC) for impact


2013-2018: PEPFAR 3

- Sustainability & shared responsibility
- Quality, oversight, transparency, & accountability for impact
- Accelerating core interventions for epidemic control



A New Era of Accountability, Transparency and Solidarity to Accelerate IMPACT



A large, bold white number '1' is positioned on the left side of the slide. The background is a dark blue, semi-transparent image of a rural landscape. In the foreground, a person is riding a horse away from the viewer down a dirt path. Other people are visible in the distance, and there are trees and a cloudy sky in the background.

1

# THE HIV/AIDS EPIDEMIC

Dissecting & disaggregating data

1991 – 2001:  
**Peak**  
of the  
**Pandemic**



## Before PEPFAR & Global Response...

- Nearly 30 million people living with HIV and 10,000 new HIV infections daily globally (2001)
- <1M on treatment globally and <50,000 on treatment in Sub-Saharan Africa (2001)
- Health systems overwhelmed by the epidemic
- Life expectancy declines of over 20 years in high burden countries
- Loss of working age population – reversing decades of development progress
- **Stigma and discrimination pervasive**

Source: UNAIDS, 2015



# Celebrating PEPFAR's Remarkable Success

PEPFAR has saved **millions of lives** since 2003

- **7.7 M people** on **life-saving ART**
- More than **1M babies** born HIV-free
- **6.5 M men** received VMMC services
- Care and support for **>5 M OVC**
- **21 M people** in priority and key populations reached with prevention interventions

Under the Obama Administration, **unprecedented progress**

has been made, building on the strong foundation laid under the Bush Administration.

The U.S. government has committed **more than \$60 billion** through PEPFAR, the Global Fund, and bilateral

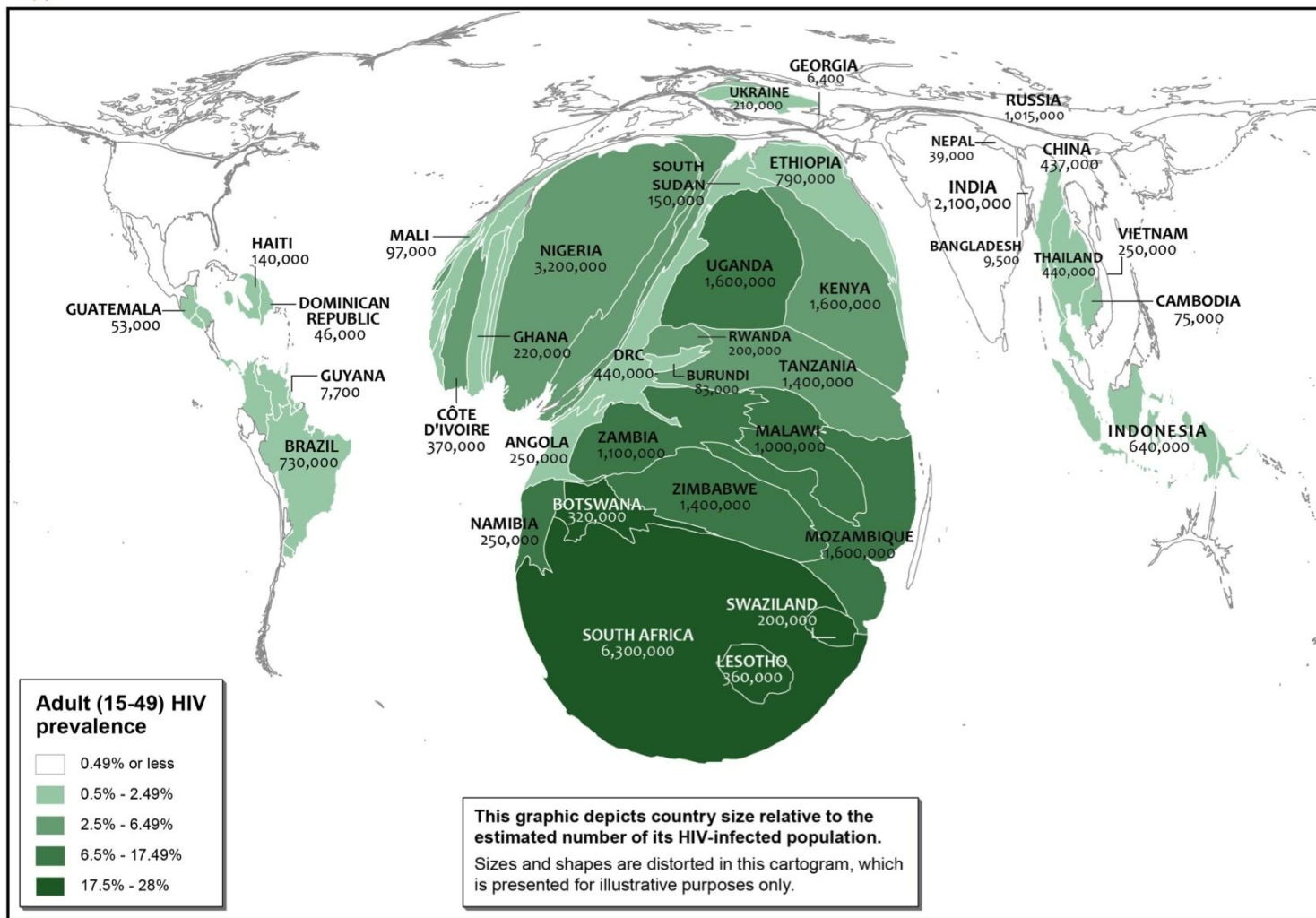
**TB programs since 2004.**



# HIV Prevalence & PLHIV Cartograph, 2013



HIV Prevalence and Estimated Number of Adults and Children Infected with HIV, 2013



UNCLASSIFIED

Sources: WHO; CDC; UNAIDS; National Health and Family Planning Commission of The People's Republic of China

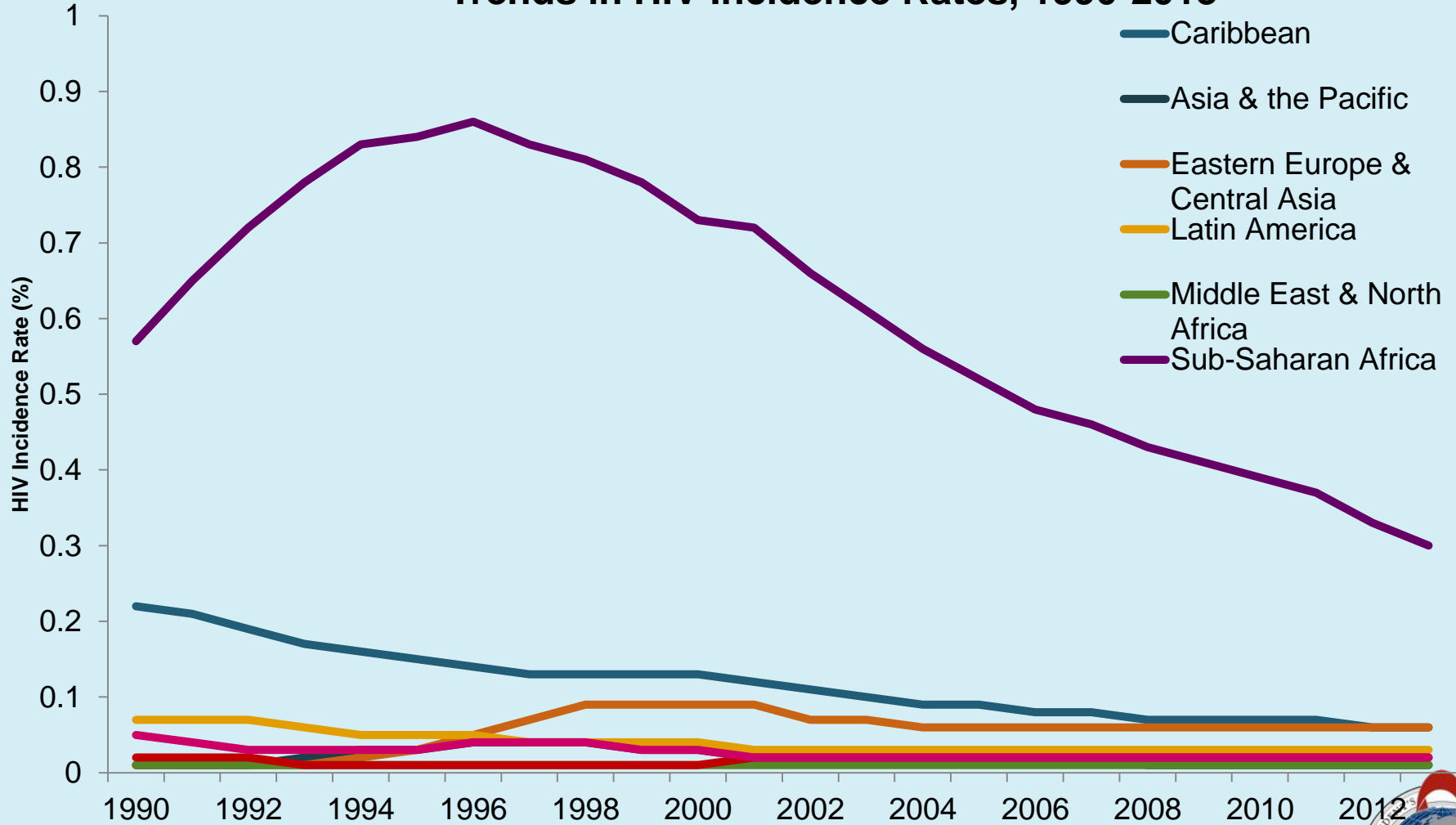
February 20, 2015 U1183 STATE (HIU)



# Dramatic reductions in HIV Incidence Rates

Maintaining momentum is key to achieving epidemic control

## Trends in HIV Incidence Rates, 1990-2013



Source: UNAIDS, 2013



# 2001- 2014 GLOBAL IMPACT

## NEW INFECTIONS

- 10,000 new infections/day globally 2001
- 5,000 new infections/day globally 2014

## DEATH

- 8000 deaths/day globally 2001
- 4000 deaths/day globally 2014

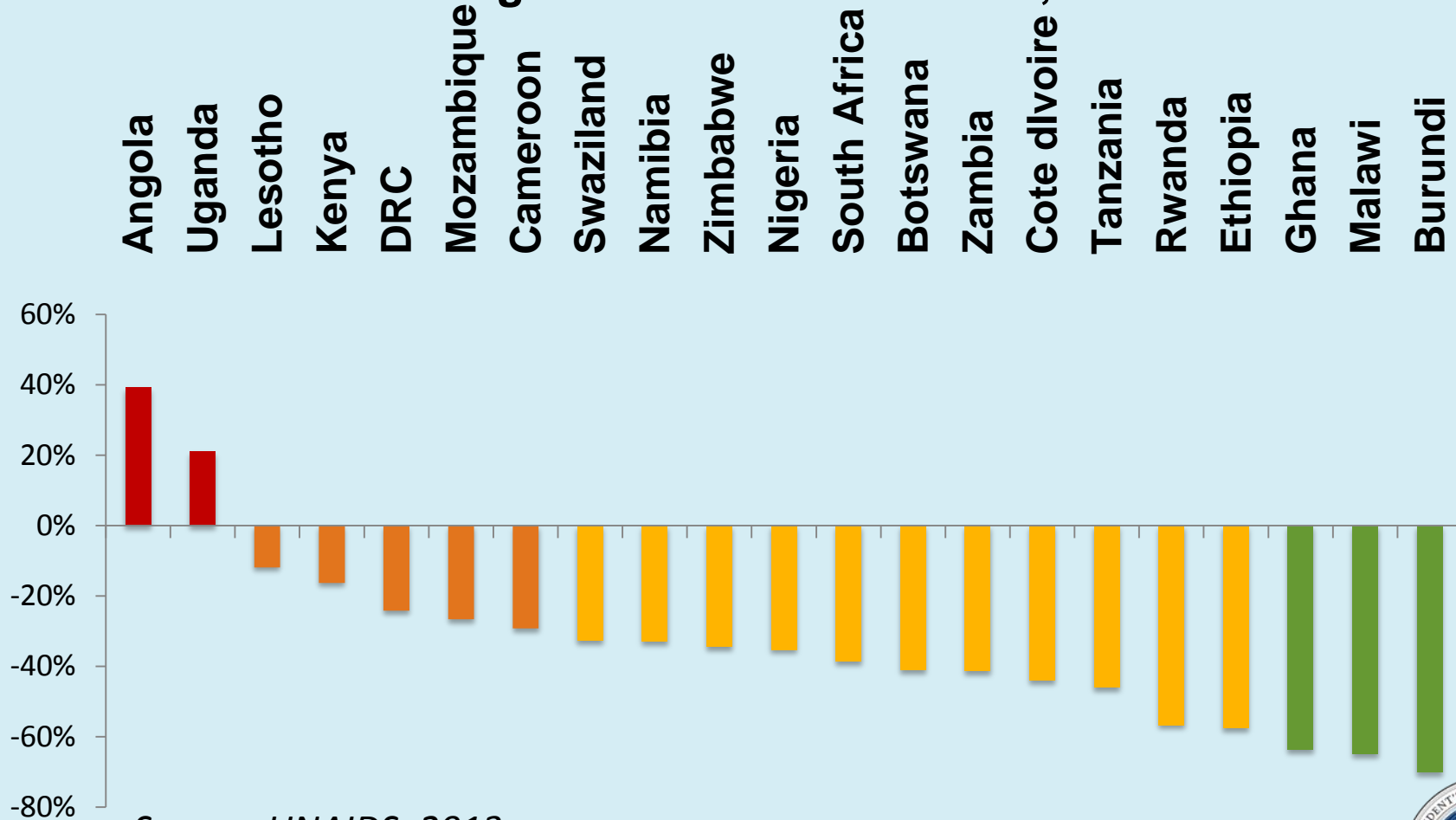
- **Stigma and discrimination remains pervasive**





# Progress has been unequal

## Percent Change in Total HIV Incidence, 2005-2013

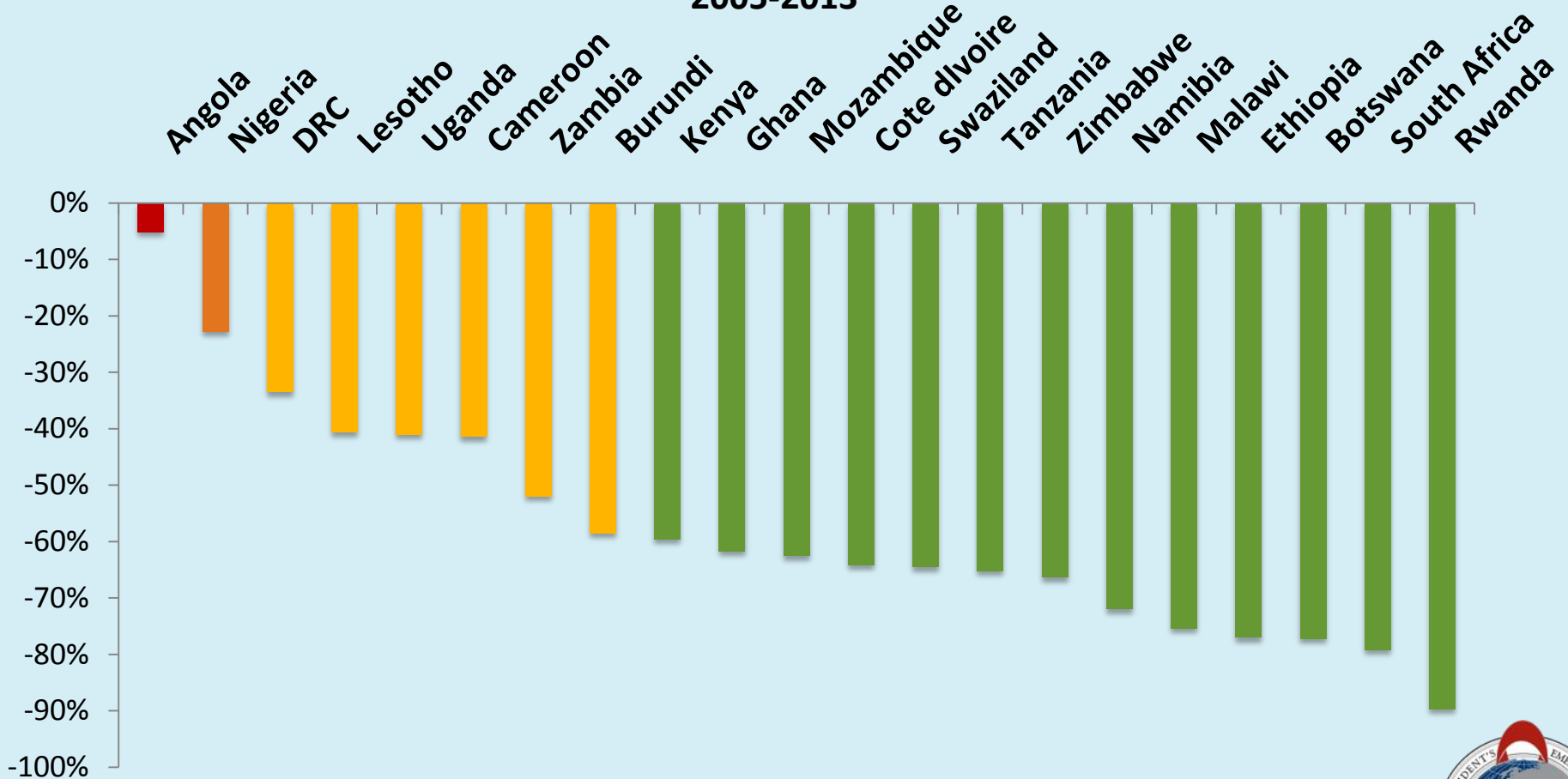


Source: UNAIDS, 2013



# Change in HIV incidence among children

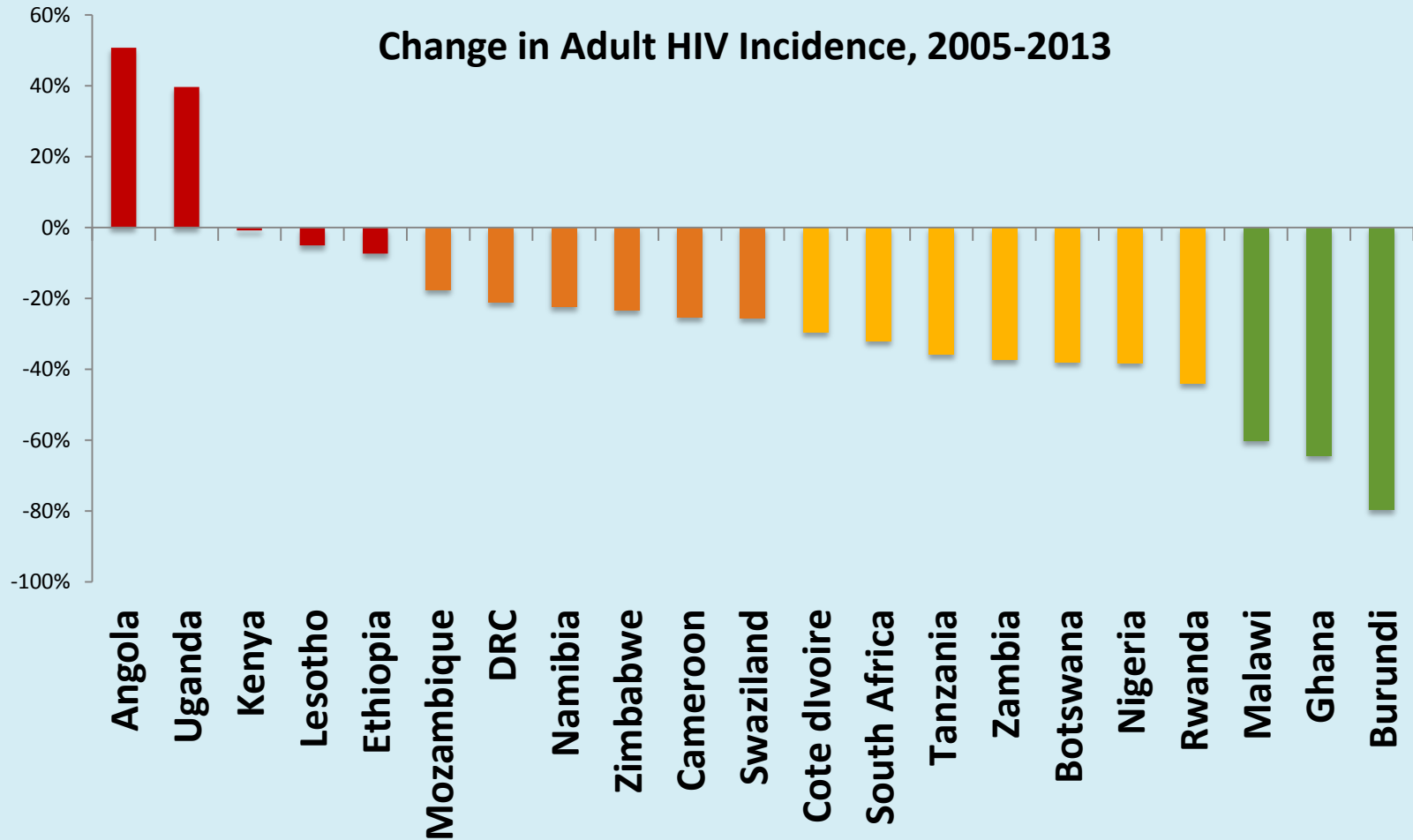
Change in HIV incidence among children  
2005-2013



Source: UNAIDS, 2013



# Change in HIV incidence among adults



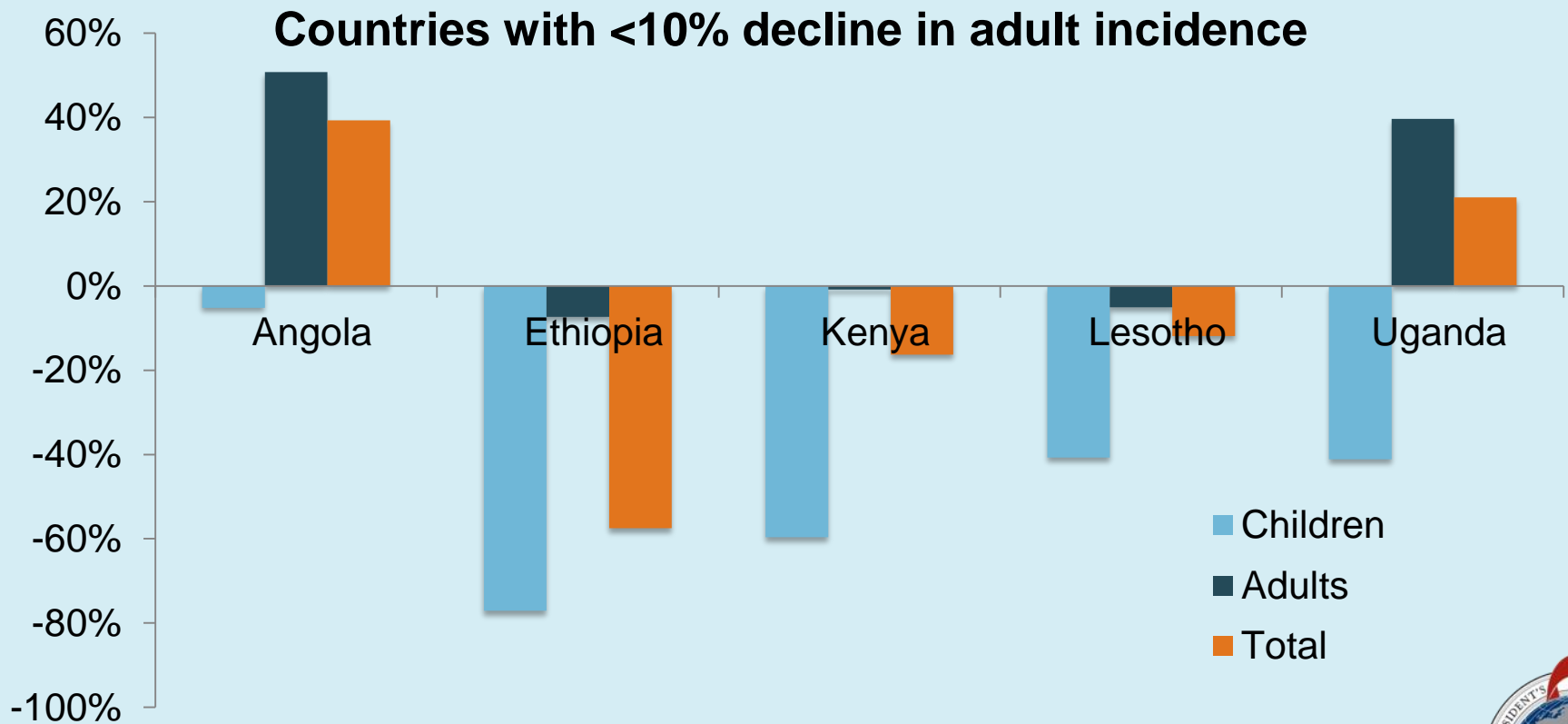
Source: UNAIDS, 2013



# Change in HIV Incidence

Countries with **an increase or <10%** decline in new adult infections

## Percent Change in HIV Incidence Adult, child, & total, 2005-2013



Source: UNAIDS, 2013



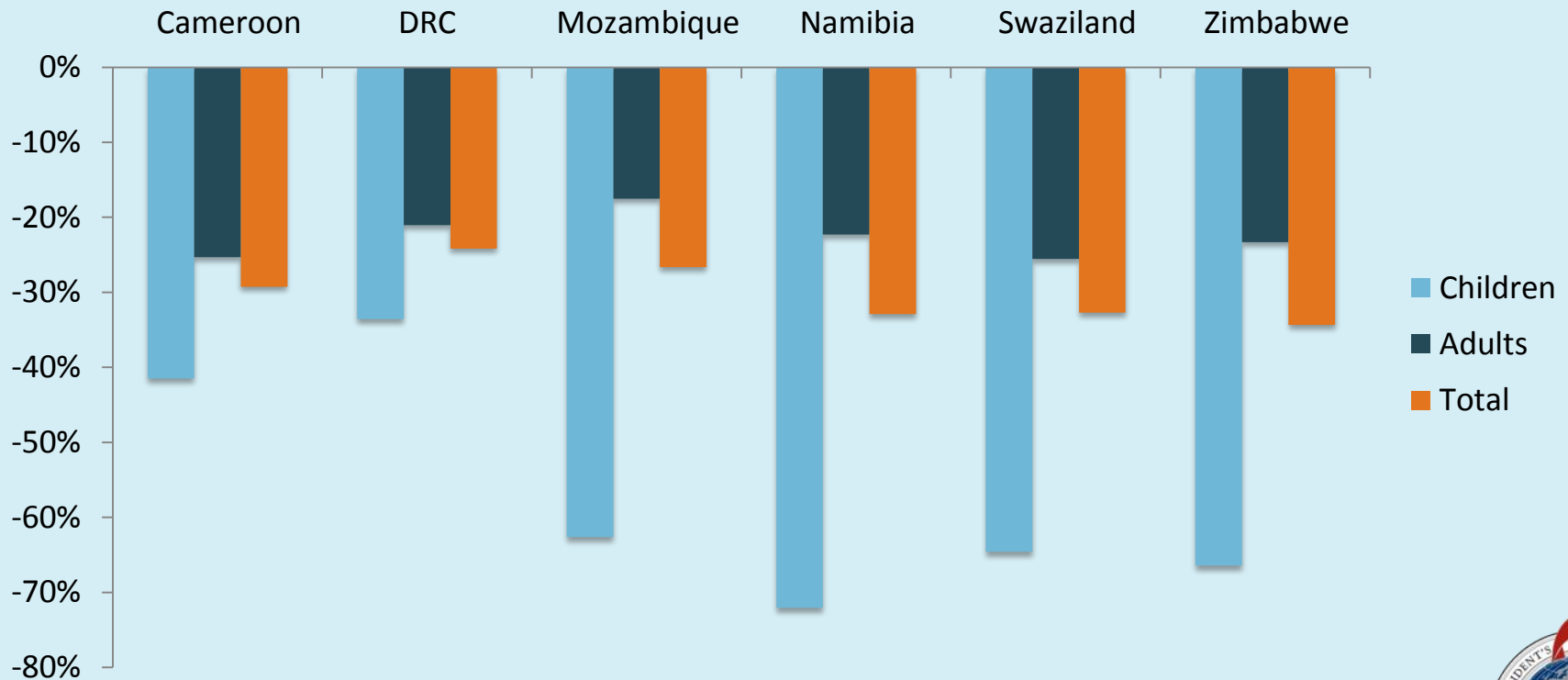
# Change in HIV Incidence

Countries with **slow** decline in new adult infections

## Percent Change in HIV Incidence

Adult, child, & total, 2005-2013

Countries with 10-29% decline in adult HIV incidence



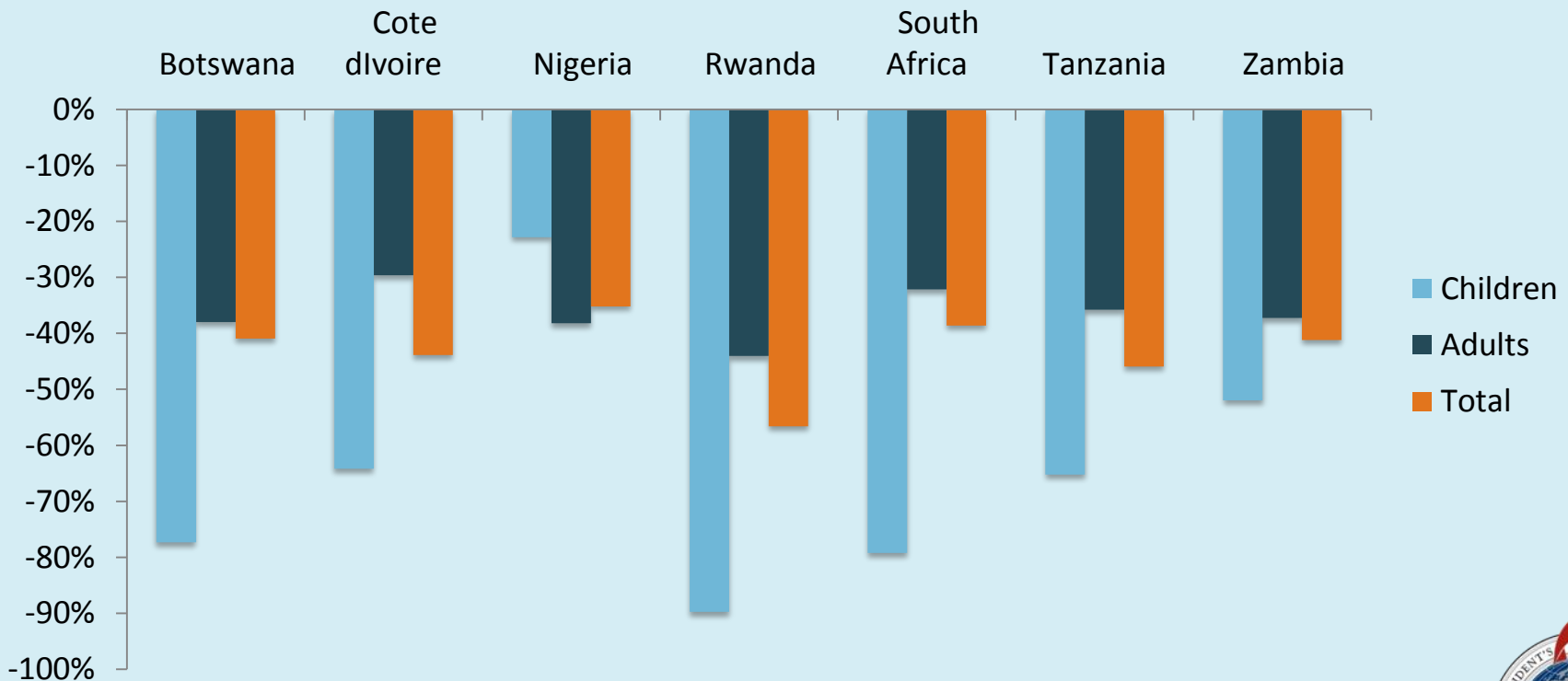
# Change in HIV Incidence

Countries with moderate decline in new adult HIV infections

## Percent Change in HIV Incidence

Adult, child, & total, 2005-2013

Countries with 30-50% decline in adult HIV incidence



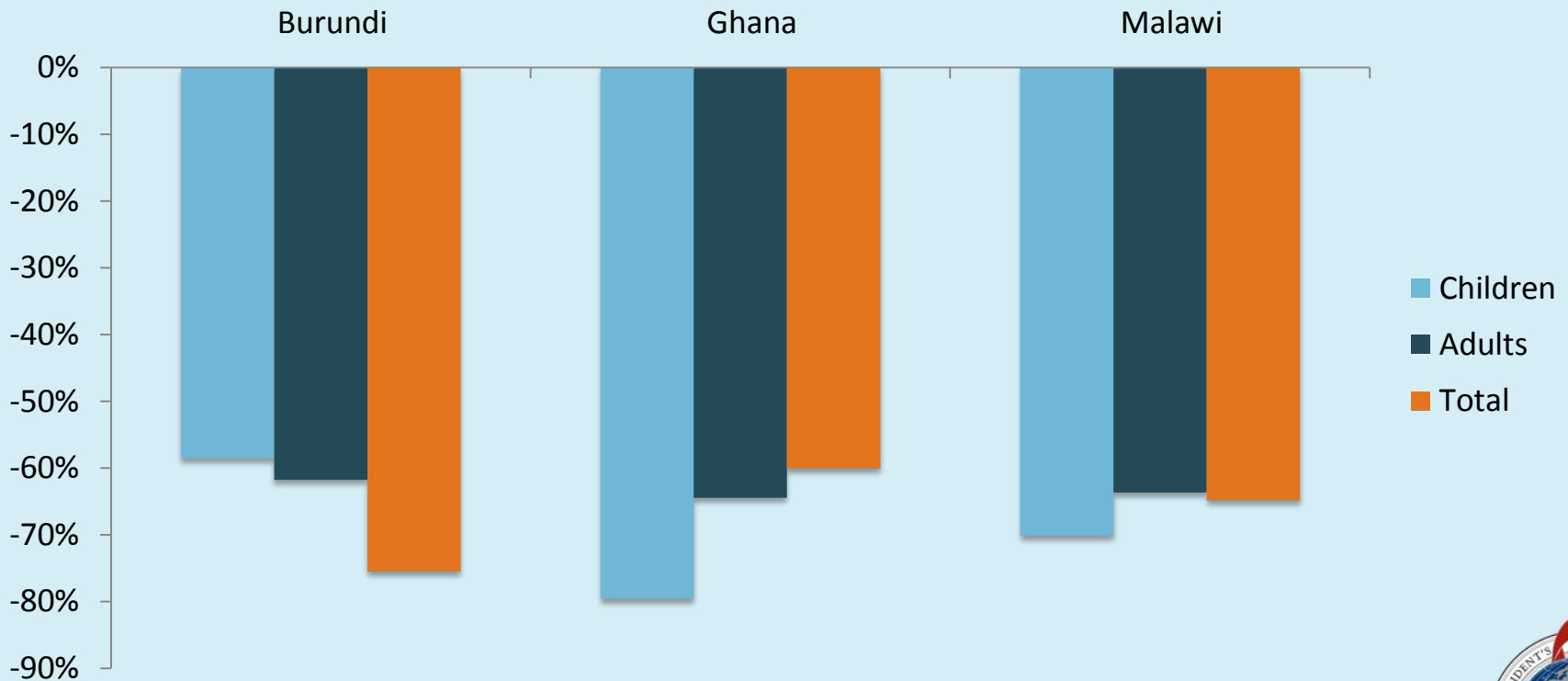
# Change in HIV Incidence

Countries with **rapid** decline in new adult HIV infections

## Percent Change in HIV Incidence

Adult, child, & total, 2005-2013

Countries with 60-80% decline in adult HIV incidence





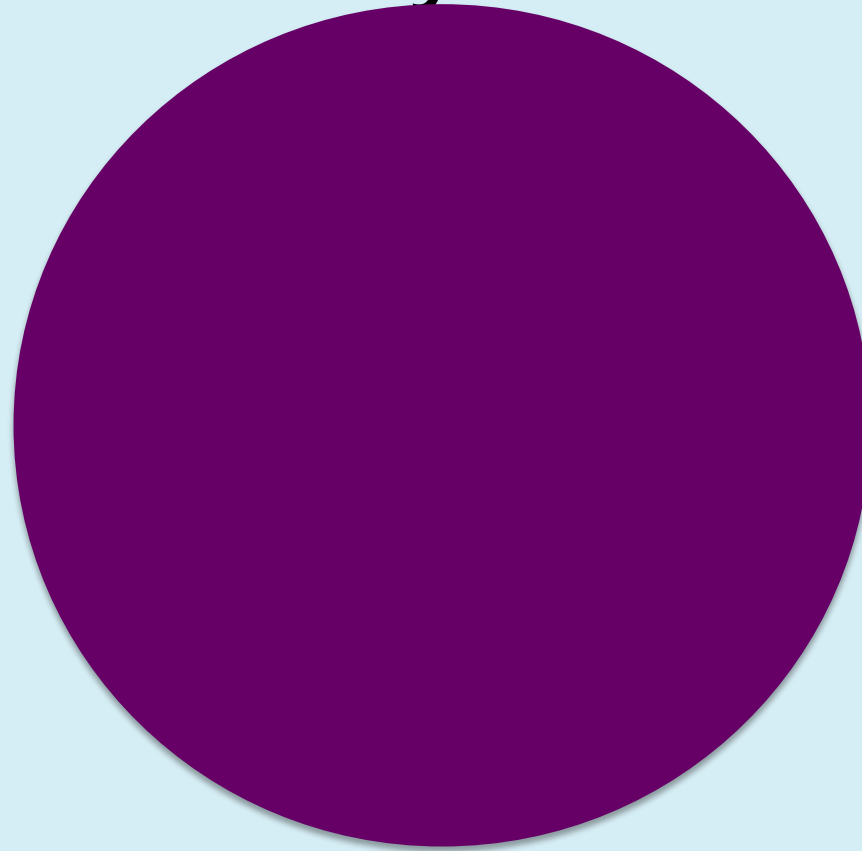
# 2

## THE CHALLENGE

Meeting AIDS within current resource envelope



# Business as usual : escalating costs year over year



**2.5 MILLION**  
**NEW ADULT HIV INFECTIONS PER**  
**YEAR**



# Fast Track Strategy : Program costs decline in out years

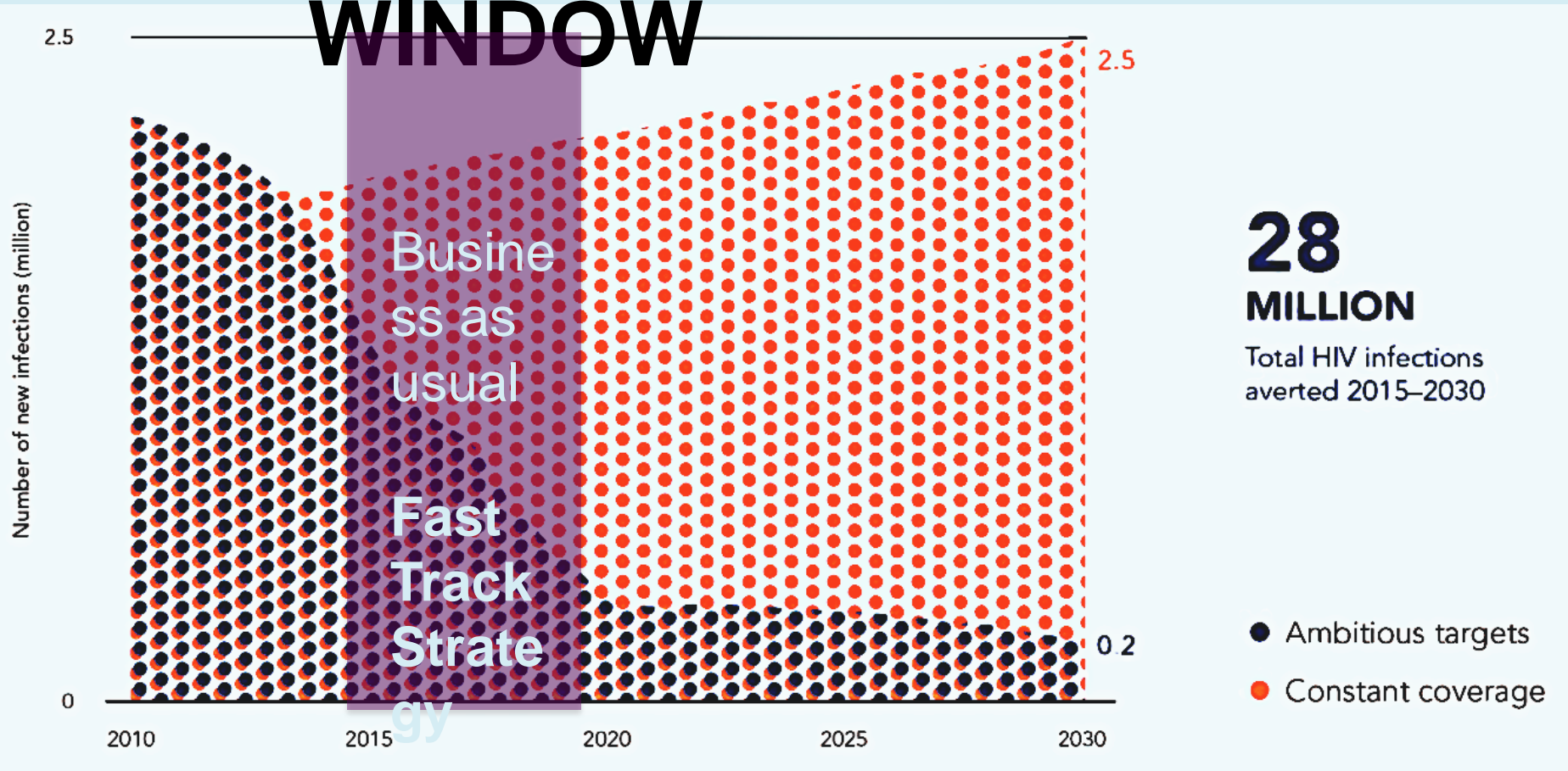


**0.2 MILLION**  
**NEW ADULT HIV INFECTIONS PER**  
**YEAR**



# We have a 5-YEAR

## WINDOW

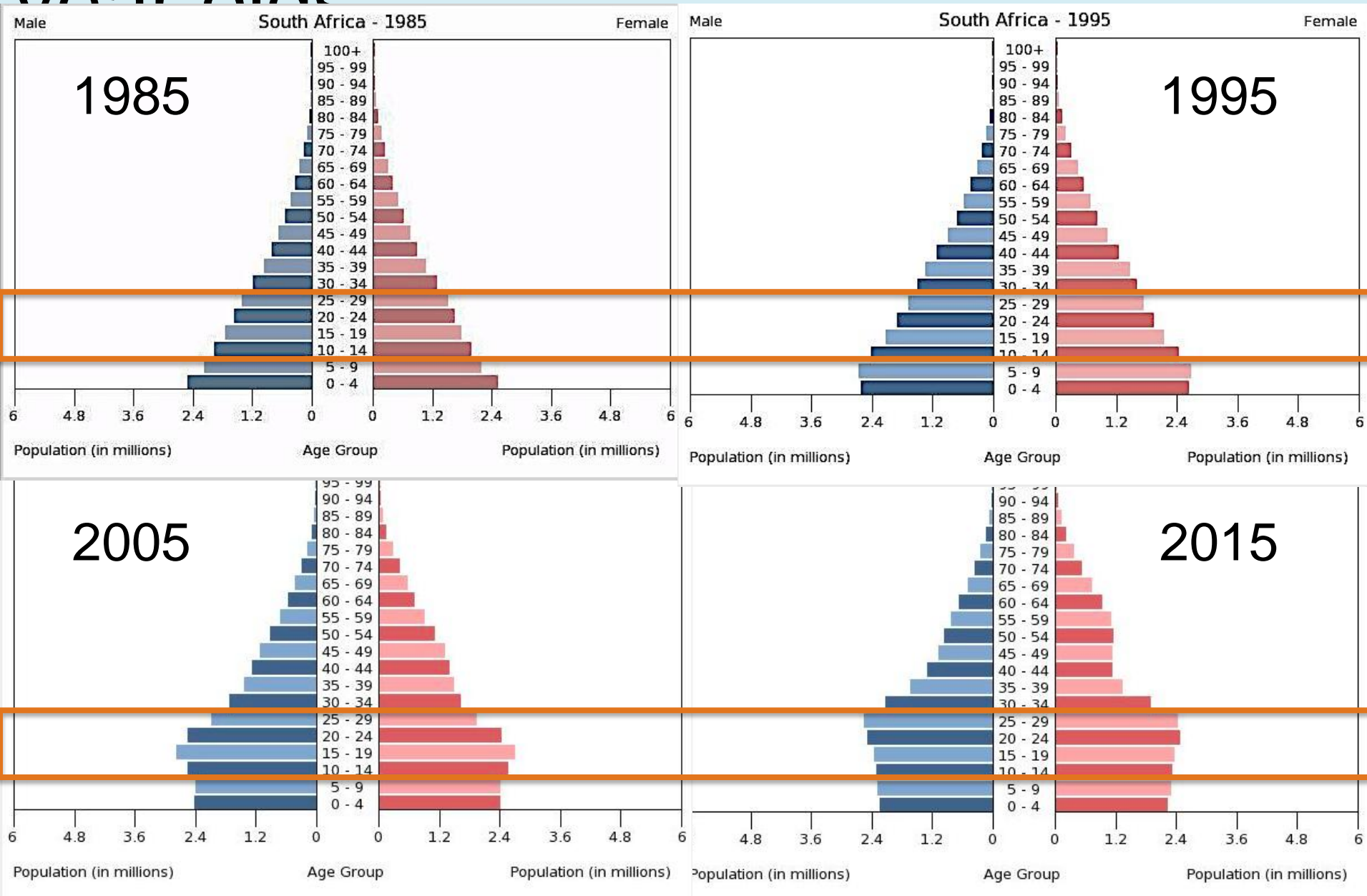


Source: UNAIDS, 2015



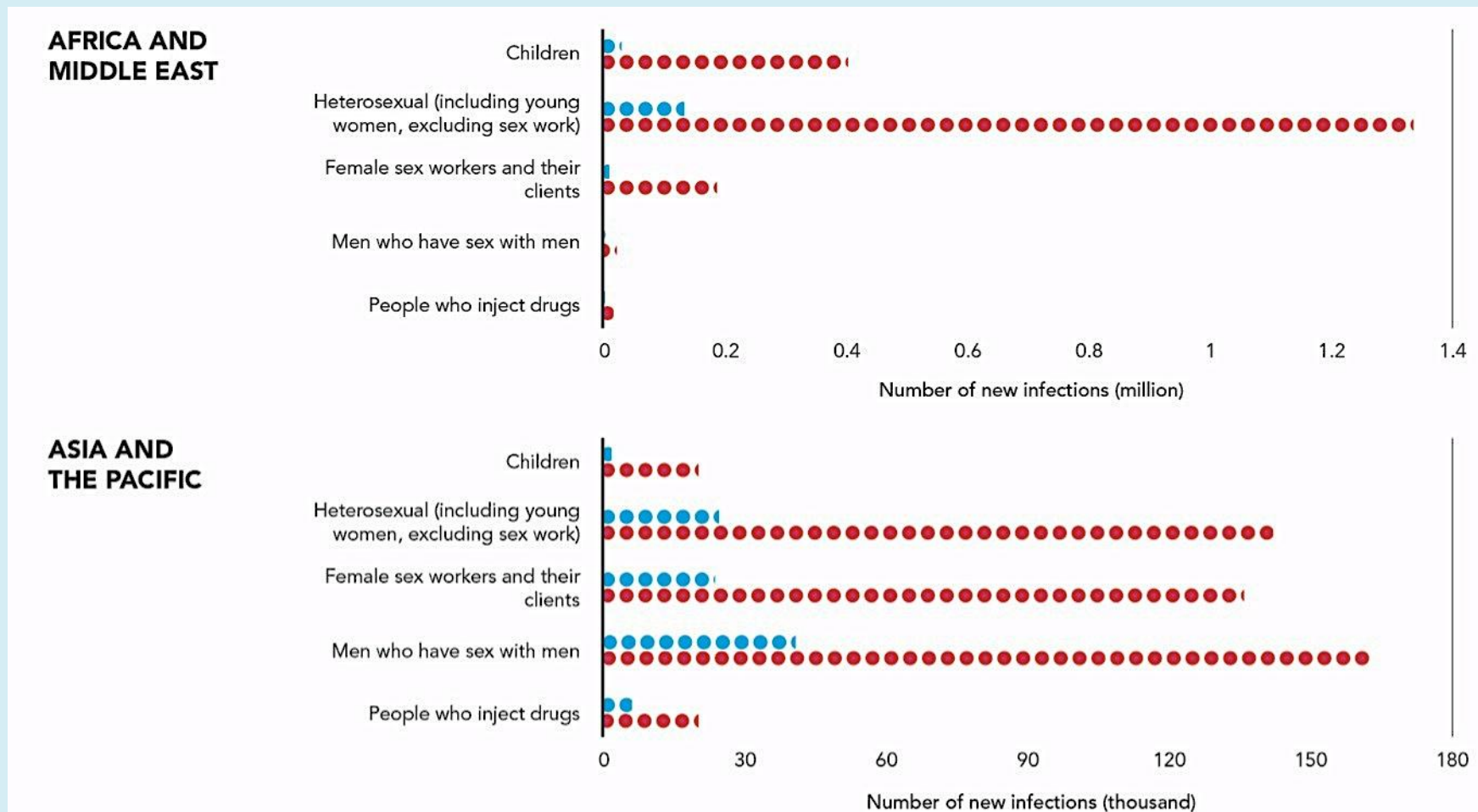
A New Era of Accountability, Transparency and Solidarity to Accelerate IMPACT

# Demographic shift in RSA: 10-29 year olds



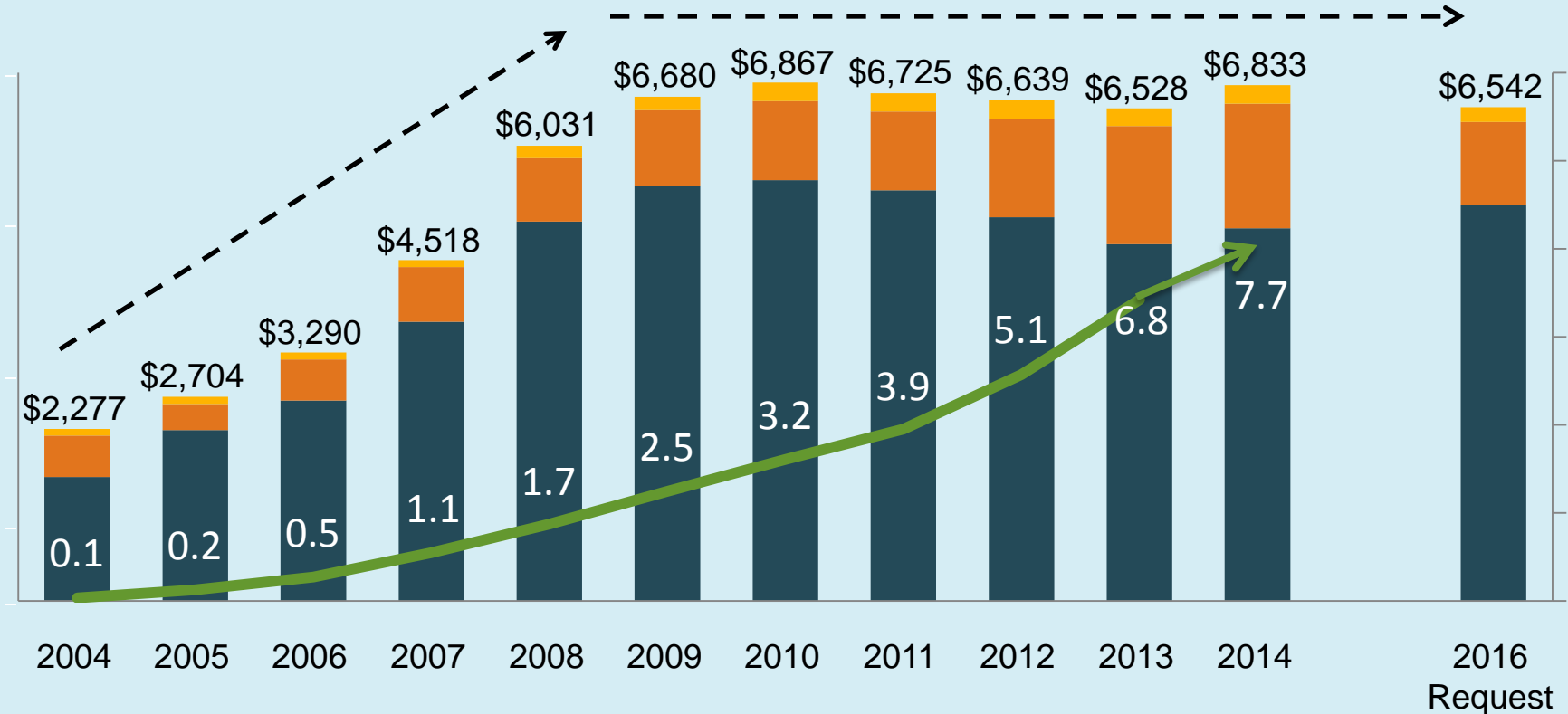
# New HIV infections

Estimated new HIV infections in 2030 in LMIC with achievement of Fast Track Targets compared to continuation of 2013 coverage



# PEPFAR & GF Funding Has Plateaued

PEPFAR annual funding (\$USD Millions)



- Bilateral TB programs
- Global Fund
- Bilateral HIV/AIDS programs

Indivs on PEPFAR-supported treatment (millions)



Achieving epidemic control with  
the current global budget  
will require delivering the

**Right Things**

in the

**Right Places**

**Right Now**

**In the Right Way**

Do we have the collective  
will?



# 3

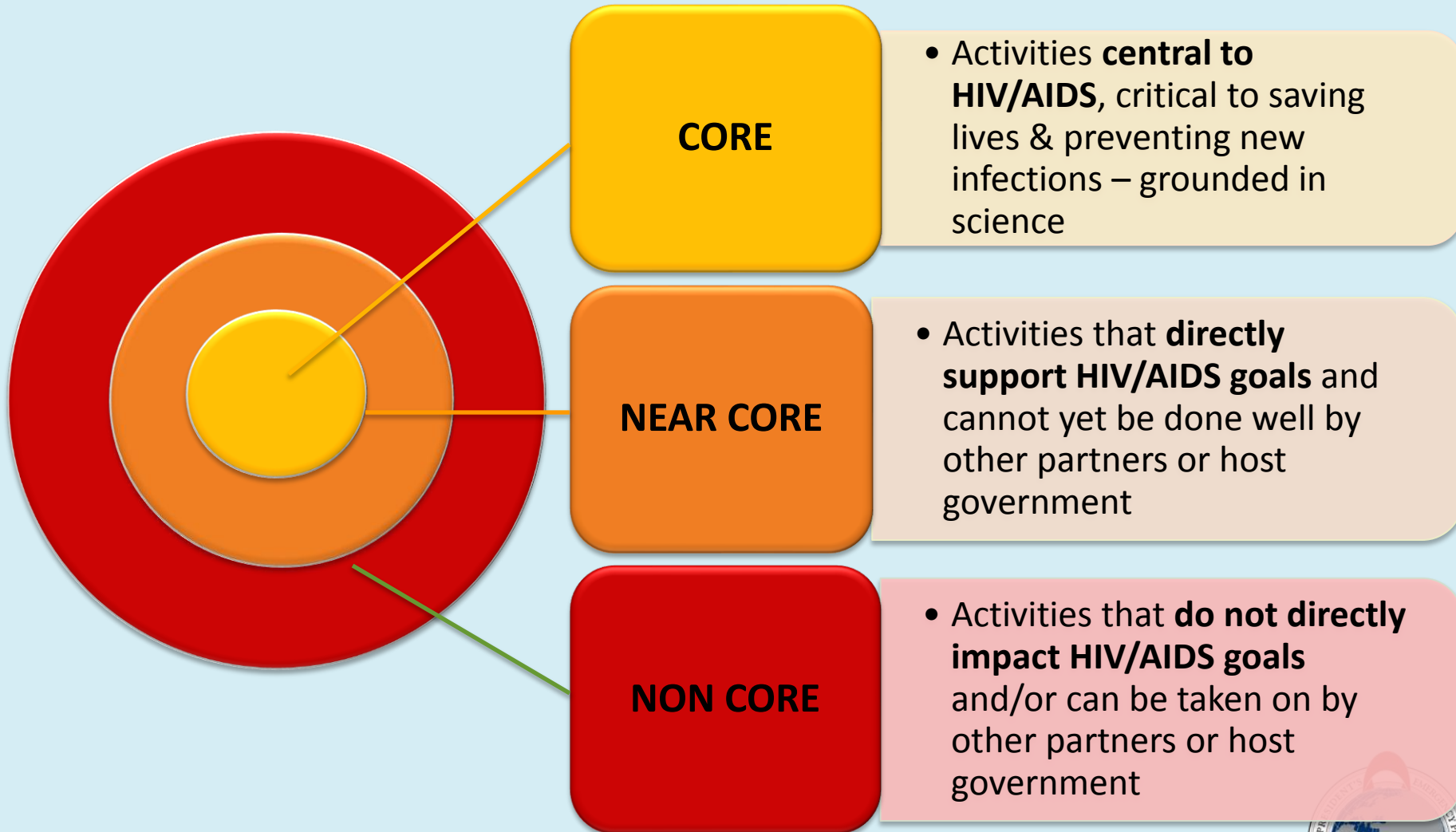
## FOCUSING ON HIGHEST BURDEN AREAS

Use of site-level data to prioritize and focus evidence-based interventions



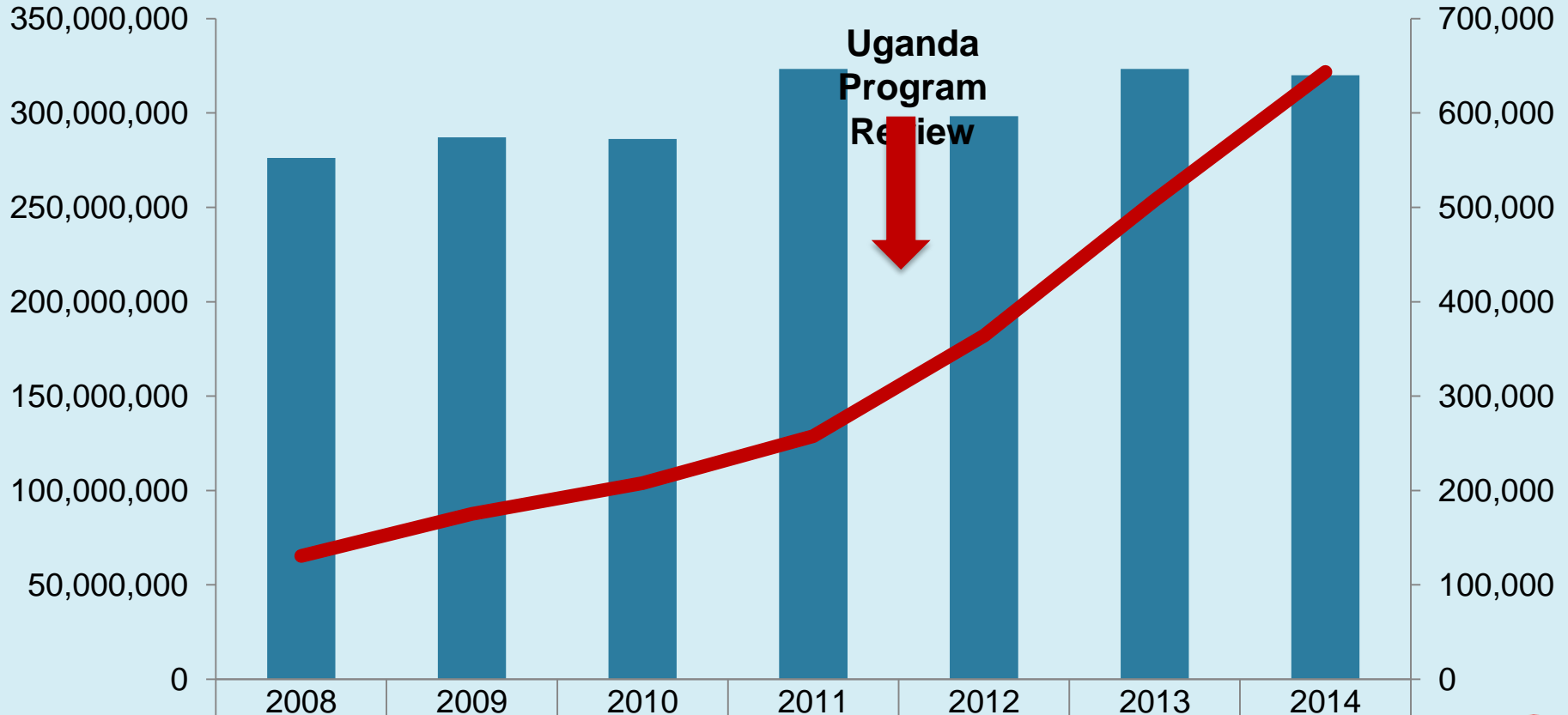
# The Right Things

Defining Core, Near Core, & Non Core Activities



# Uganda: Focus on Core (Treatment)

PEPFAR Uganda Budget and Adults & Children on ART, 2008-2014



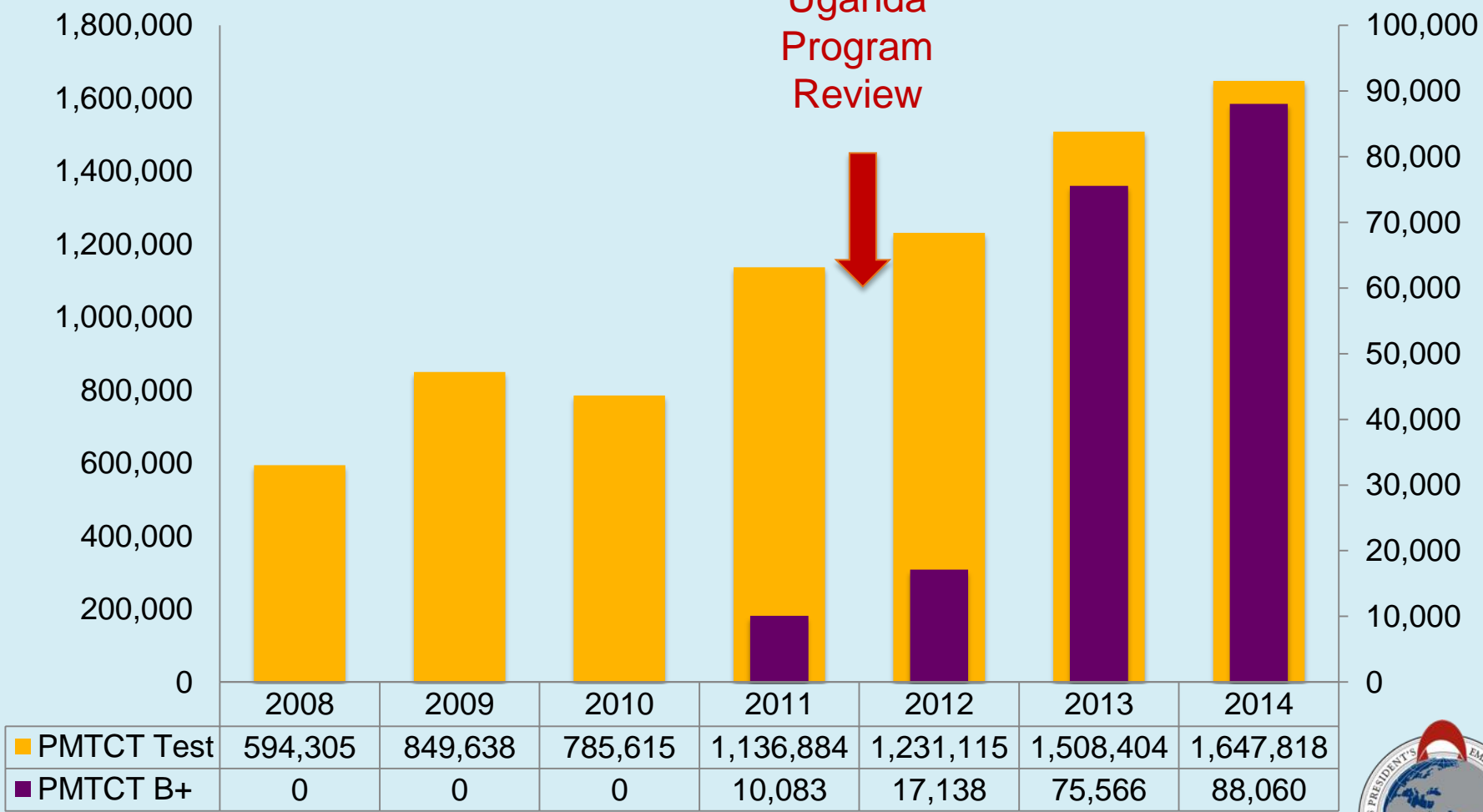
Budget	276,262,3	287,113,7	286,258,3	323,388,3	298,388,3	323,388,3	320,000,0
ART	130,837	175,367	207,872	257,689	364,207	507,633	643,458



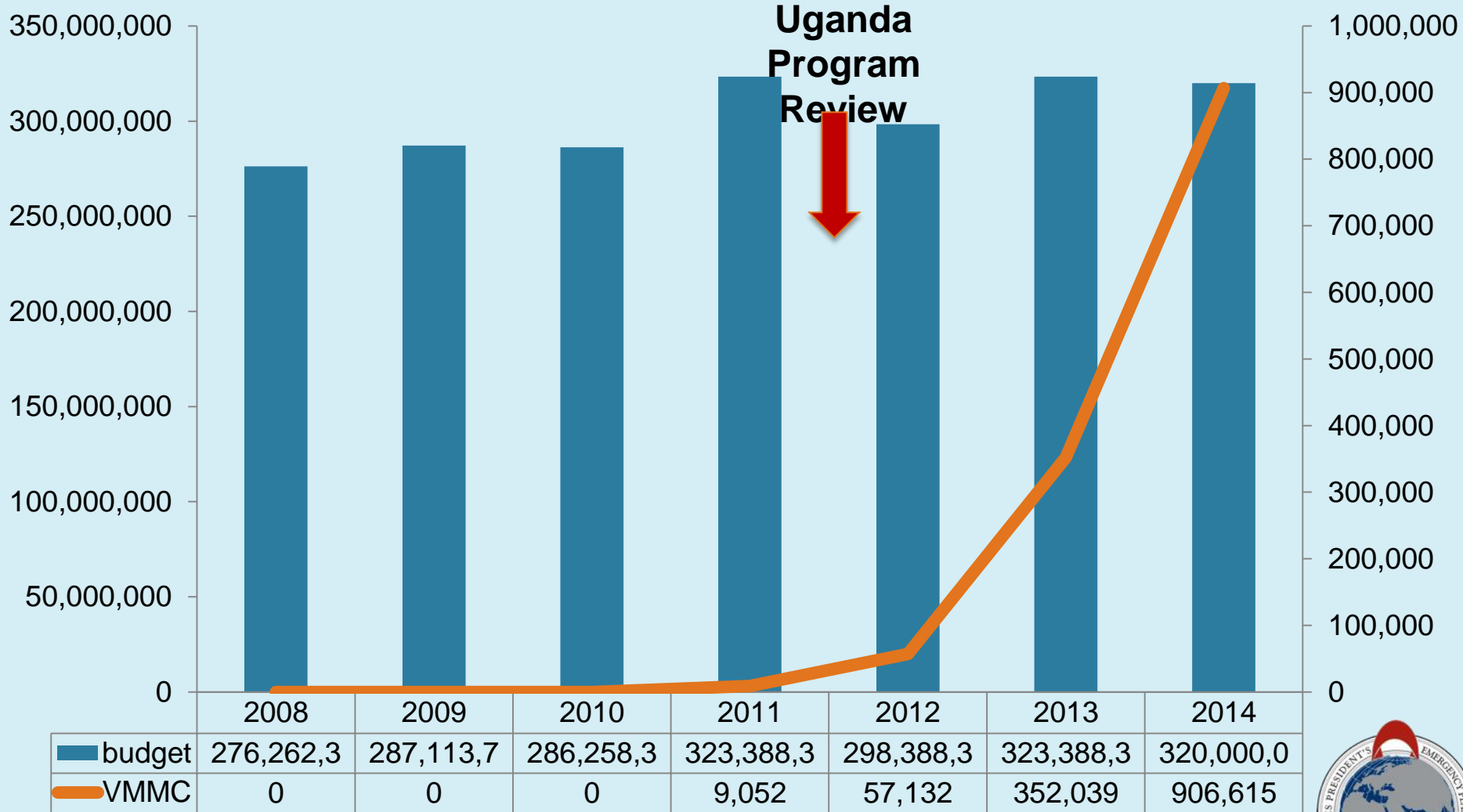
# Uganda: Focus on Core (PMTCT) B+ Acceleration

PEPFAR Uganda PMTCT: Testing of Pregnant Women & Lifelong ART for Mothers

Uganda Program Review



# Uganda: Focus on Core (VMMC)



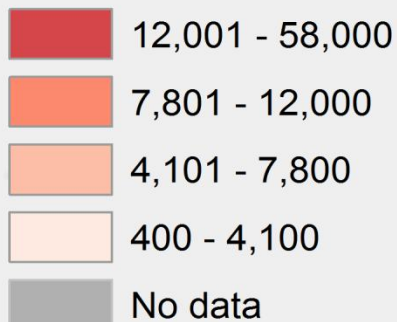
# Right Places - Focusing Programs

- Highest burden countries
  - Prevalence & number of PLHIV
- Countries with greatest unmet need for services
  - Among general population
  - Among specific neglected populations
- Sub-national regions/districts with highest burden
  - **Analyzing data to target programming geographically & among neglected populations; OVC programming should align with the epidemic**
- Highest volume facilities
  - Analyzing site-level data to prioritize support to facilities and communities with greatest need



# Uganda: Persons Living with HIV (PLHIV) Age 15-49, with PEPFAR support, by District (SNU1), 2014

## Persons Living with HIV



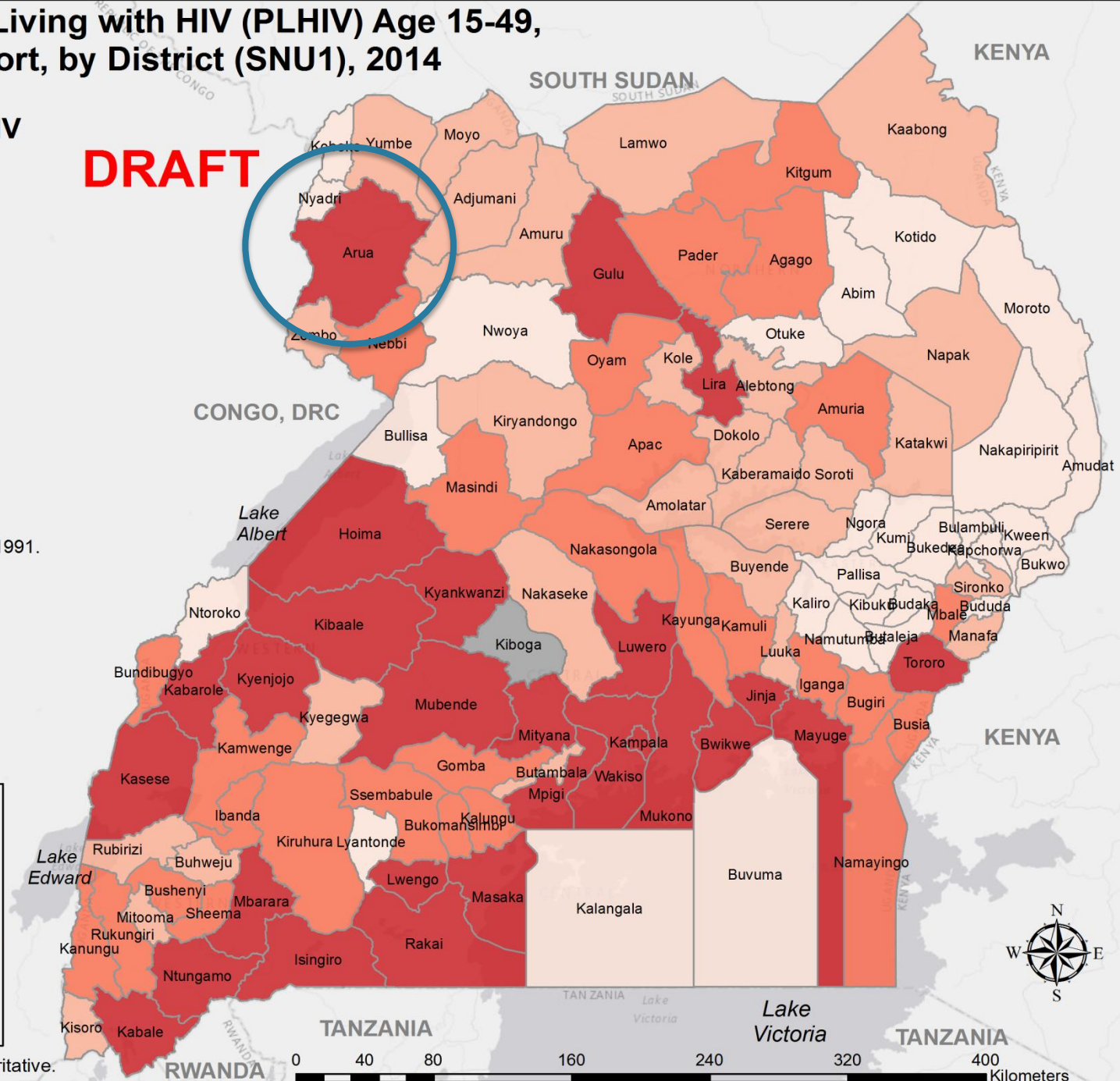
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SNU1 = Districts (n=112)

Note:  
Kiboga district split from Mubende in 1991.  
No data provided for this district.

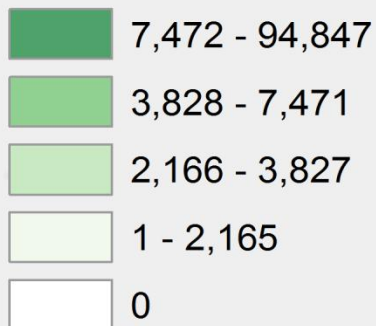
Source: UNAIDS, 2014



Boundaries are not necessarily authoritative.

# Uganda: Number of Persons on ART, with PEPFAR support, by District (SNU1), 2014

## Persons on ART



**DRAFT**

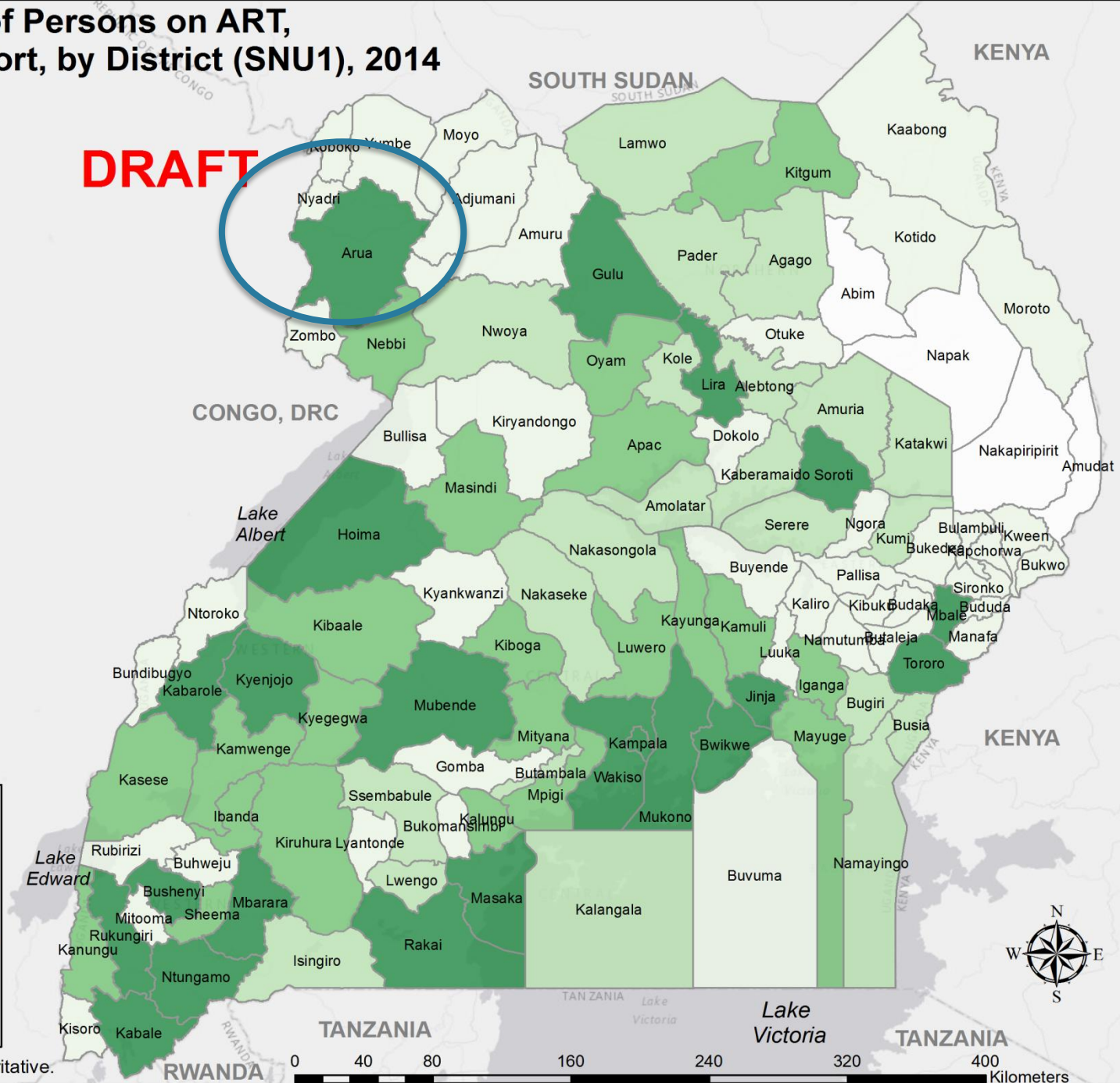
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SNU1 = Districts (n=112)

Source: UNAIDS, 2014

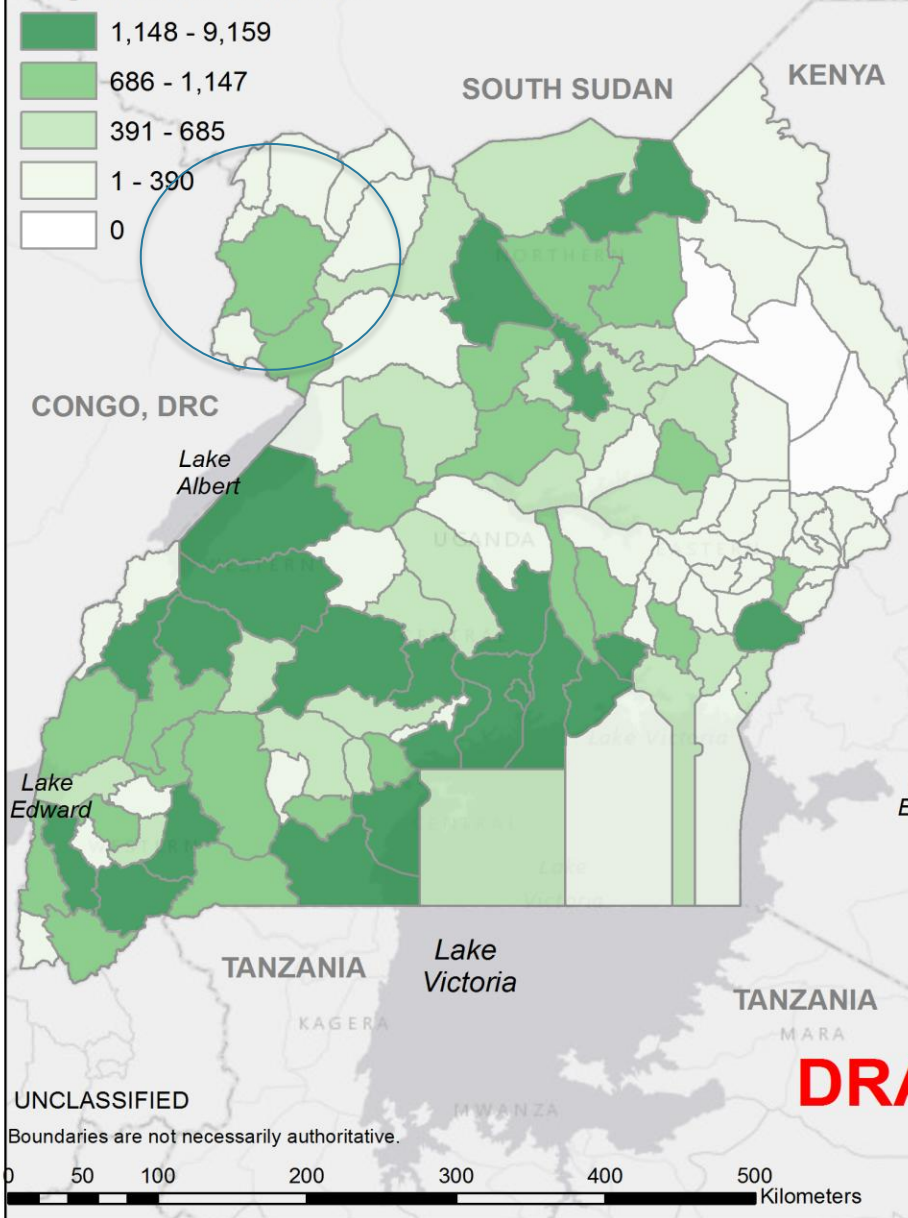
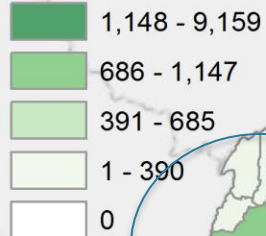


Boundaries are not necessarily authoritative.



## Uganda: Number of Pregnant Women on ARVs, with PEPFAR support, by District (SNU1), 2014

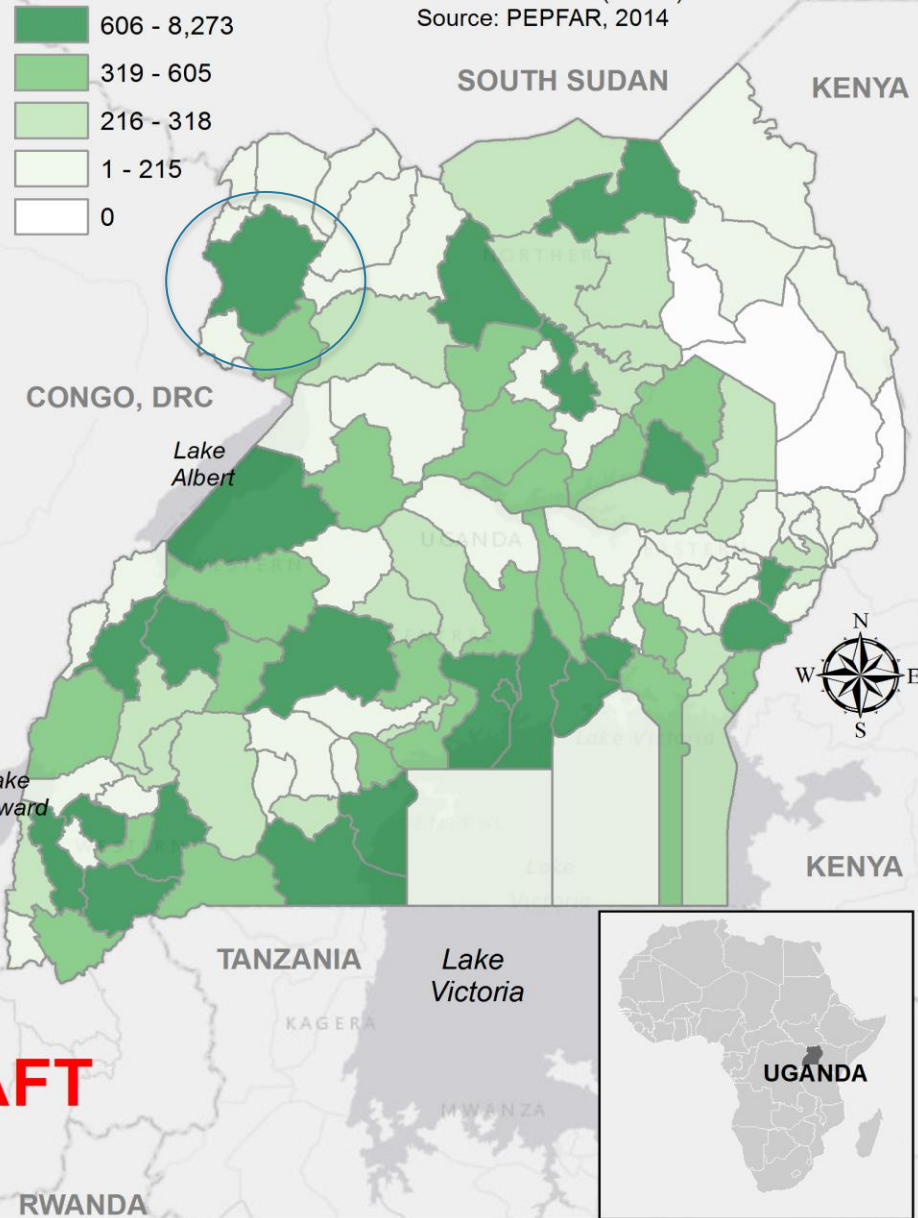
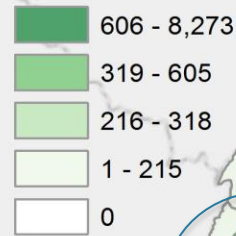
### Pregnant Women on ARVs



## Uganda: Number of Persons Age < 15 on ART, with PEPFAR support, by District (SNU1), 2014

### Children on ART

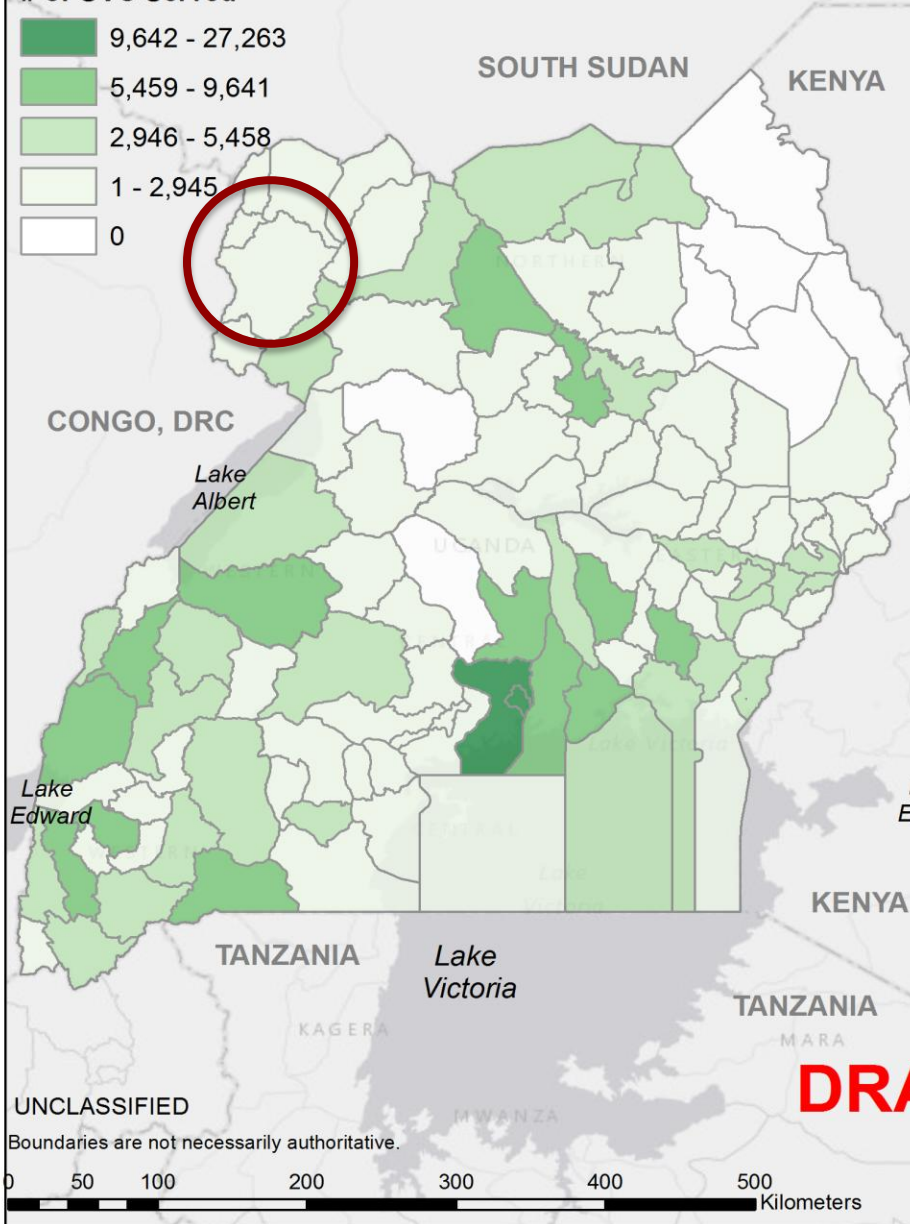
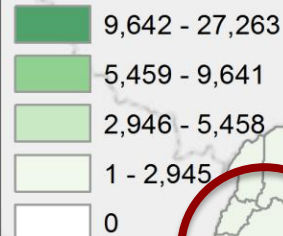
SNU1 = Districts (n=112)  
Source: PEPFAR, 2014





## Uganda: Orphans & Vulnerable Children (OVC) Served, with PEPFAR support, by District (SNU1), 2014

### # of OVC Served



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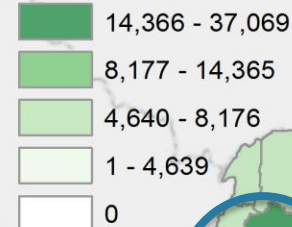
Boundaries are not necessarily authoritative.

0 50 100 200 300 400 500 Kilometers

**DRAFT**

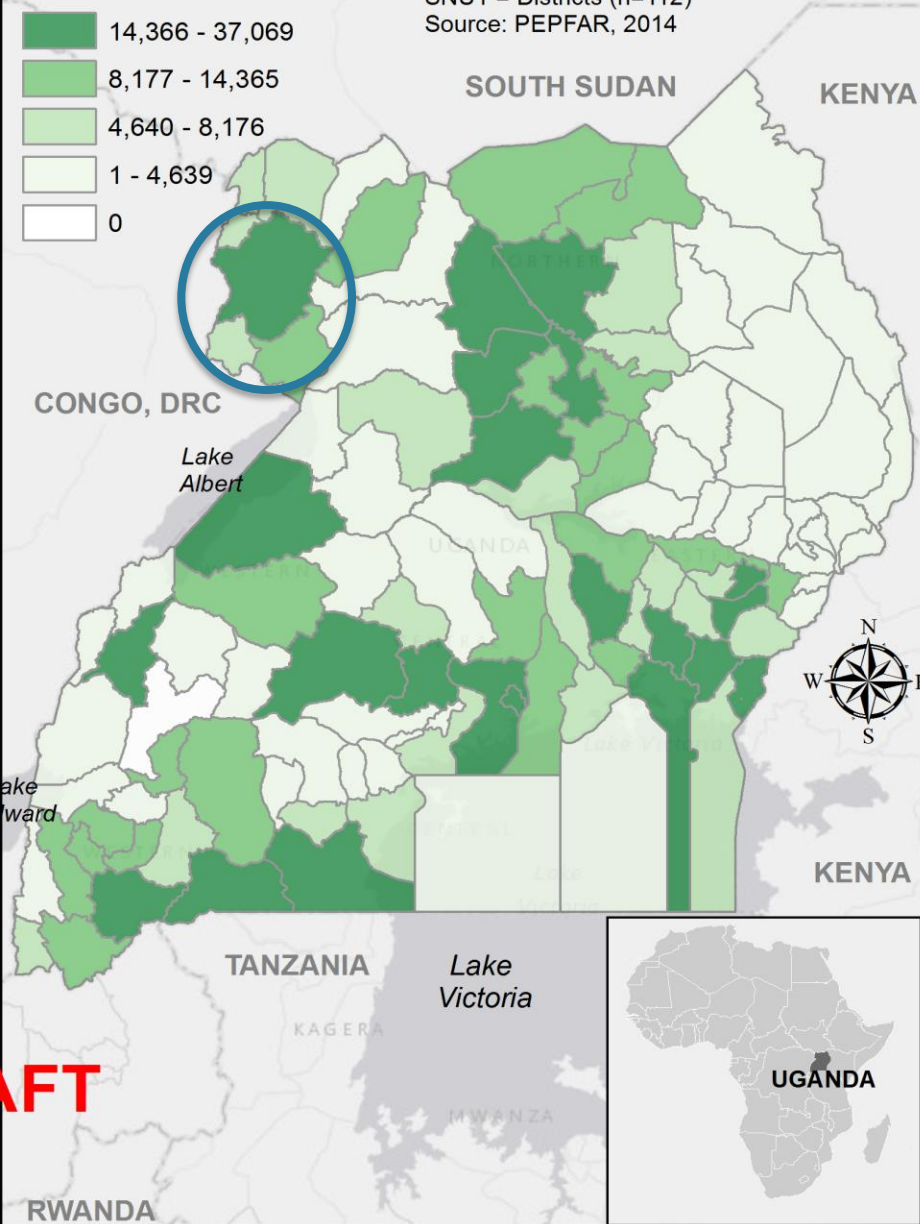
## Uganda: Voluntary Medical Male Circumcisions (VMMC), with PEPFAR support, by District (SNU1), 2014

### # of VMMCs



SNU1 = Districts (n=112)

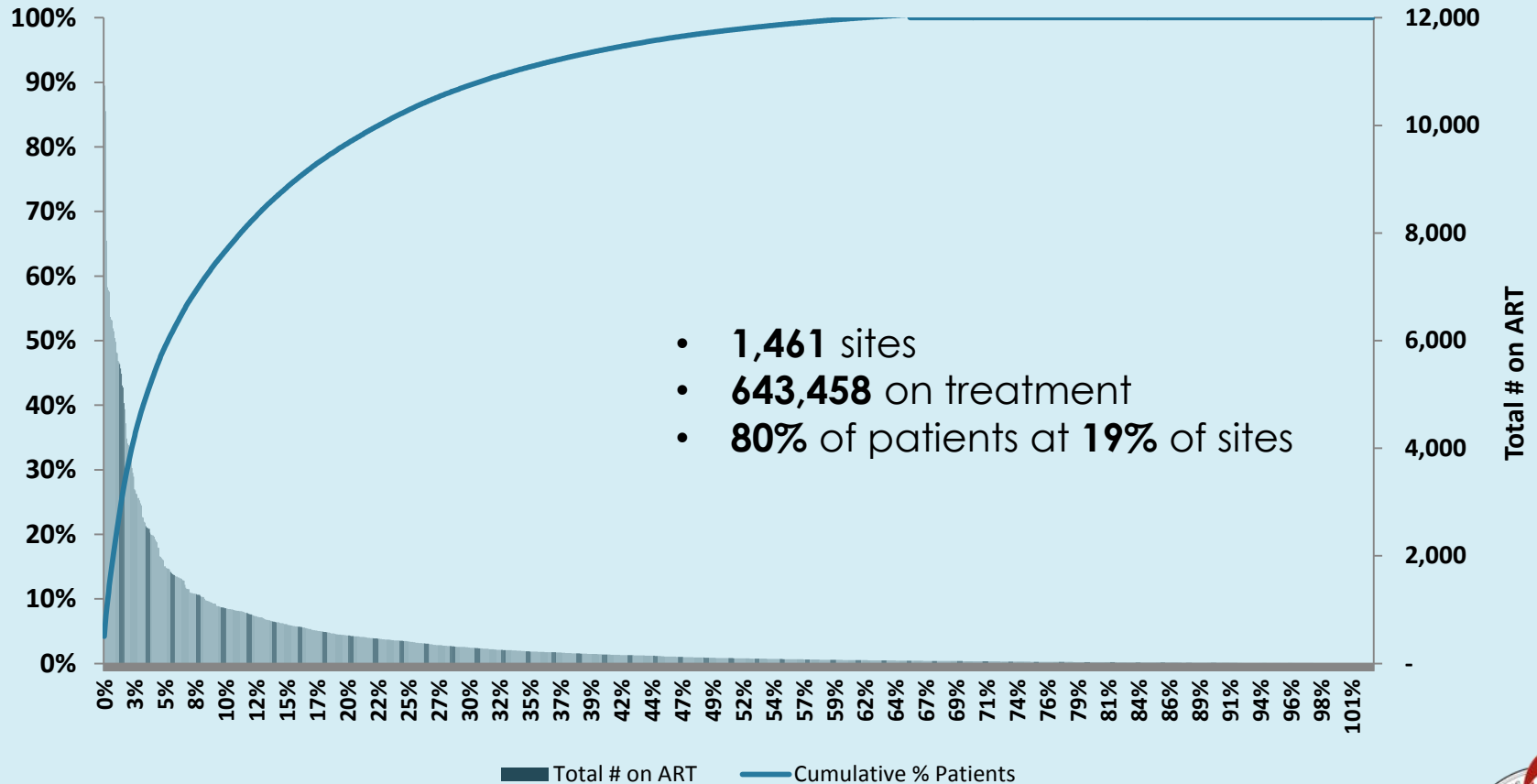
Source: PEPFAR, 2014



# Uganda ART Volume :

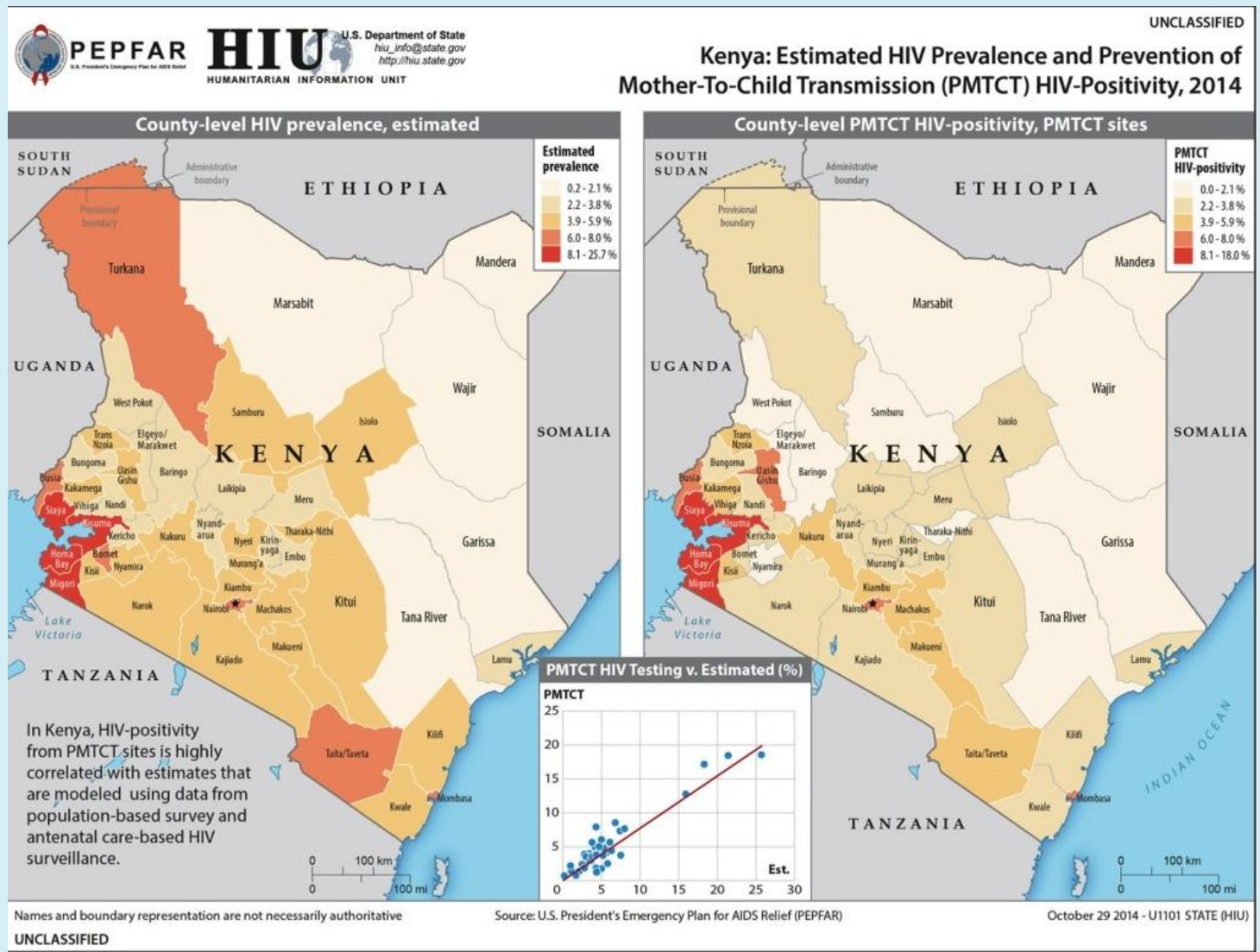
## Do we have the right service delivery model

ART Volume by Site and Cumulative Number of Patients on ART

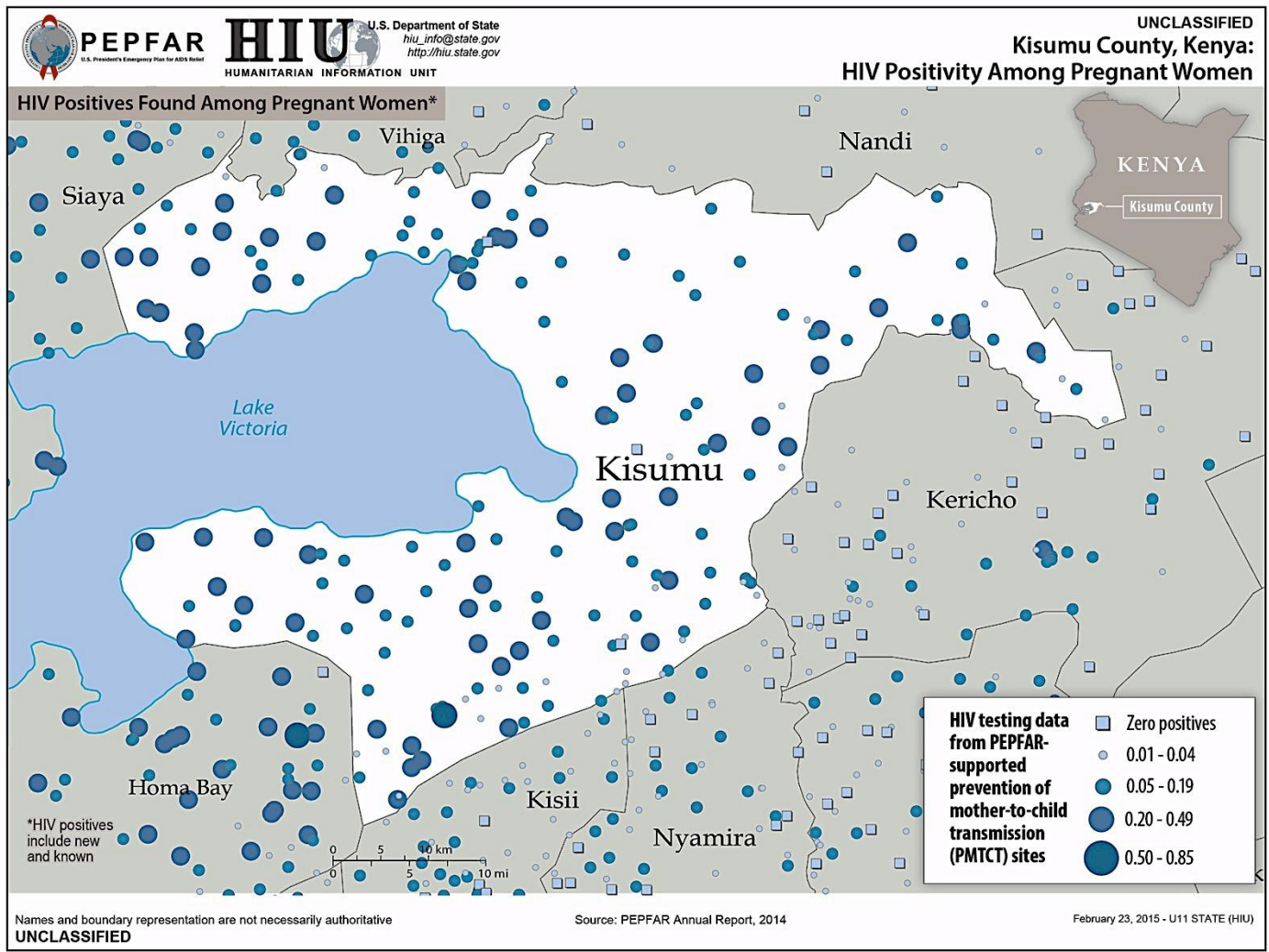


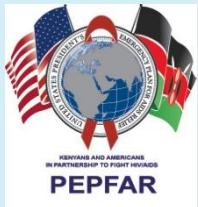
# Using Program Data to Refine Prevalence

## Kenya: Spectrum & PMTCT Site Prevalence

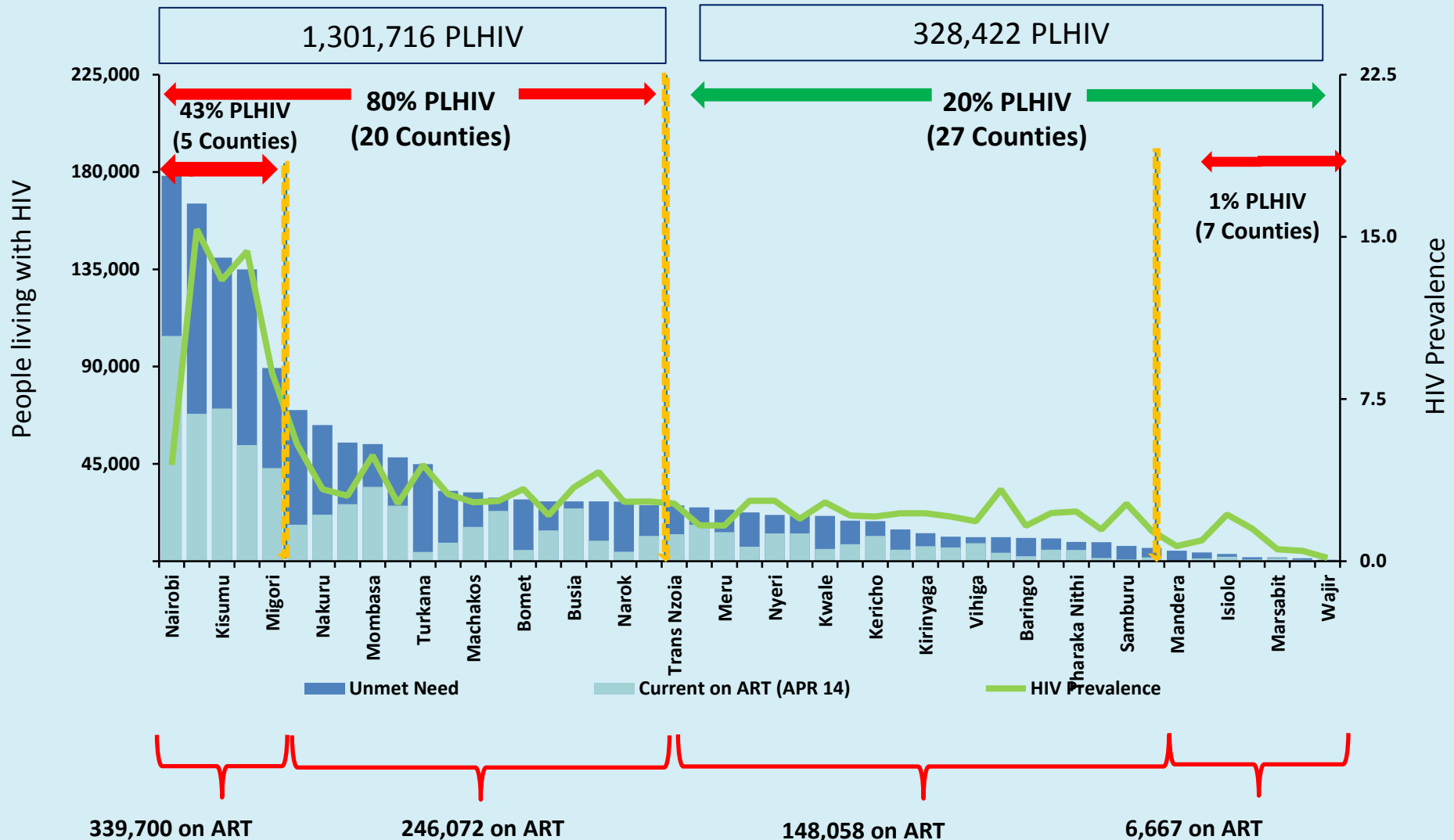


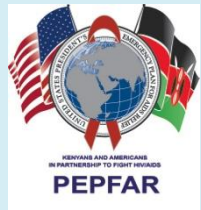
# Using Geospatial Mapping to Define Site Density





# Kenya County HIV burden & ART coverage





# Kenya County HIV burden & ART coverage

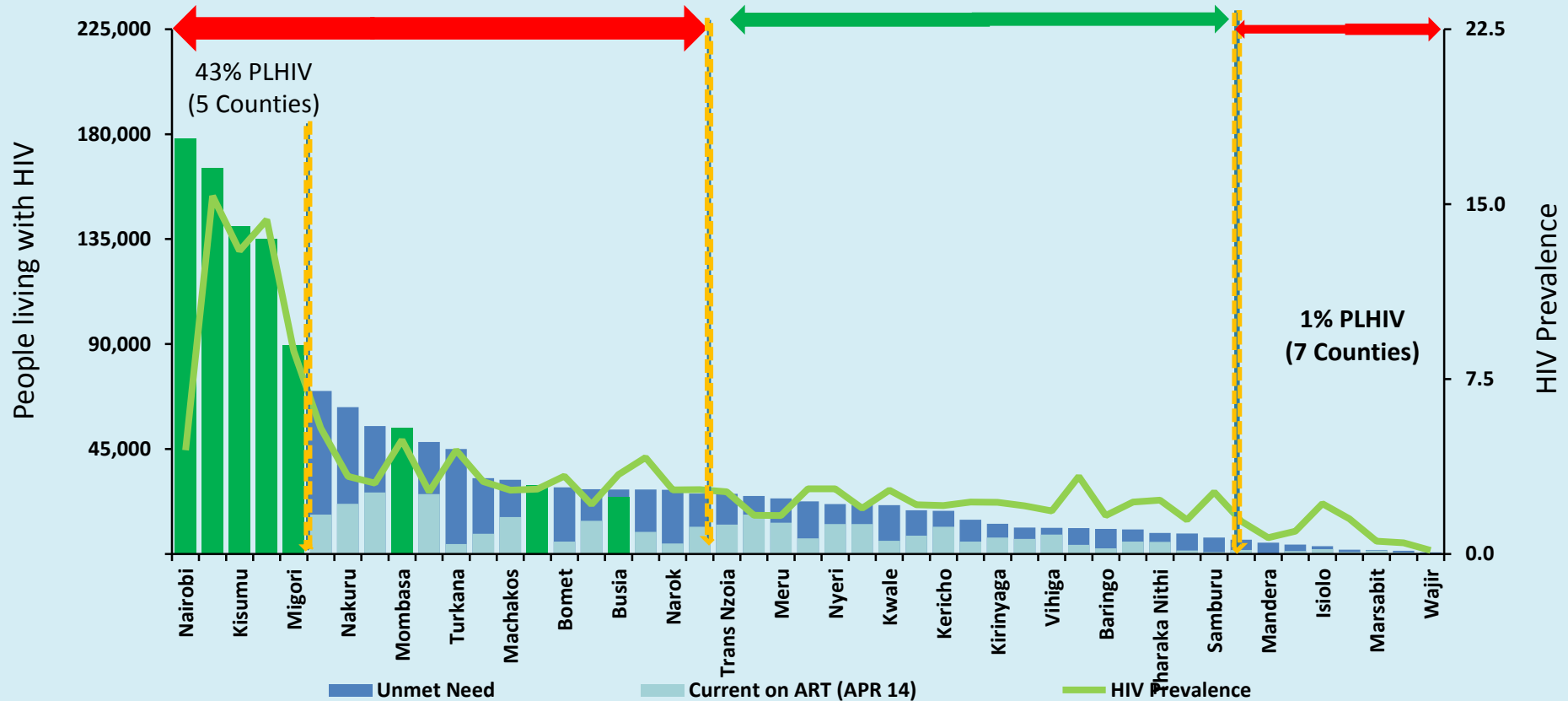
**Accelerating Scaling**

80% PLHIV  
(20 Counties)

**Sustained Scaling**

20% PLHIV  
(27 Counties)

**Sustained Commodities**

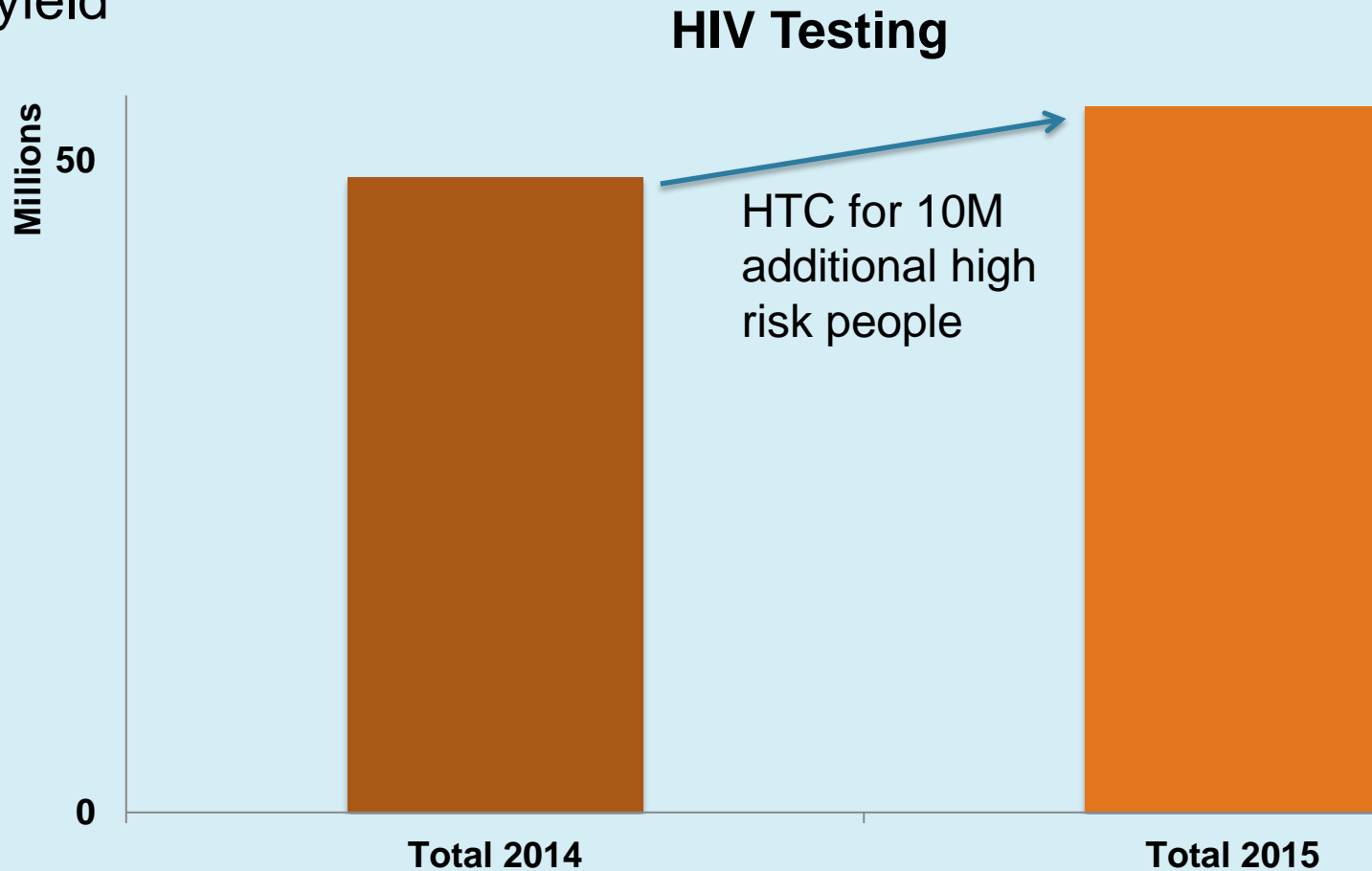


8 counties: Scale up to saturation by FY17  
12 counties: Scale up to saturation by FY18

20 counties: Sustained high  
7 counties: Sustained low

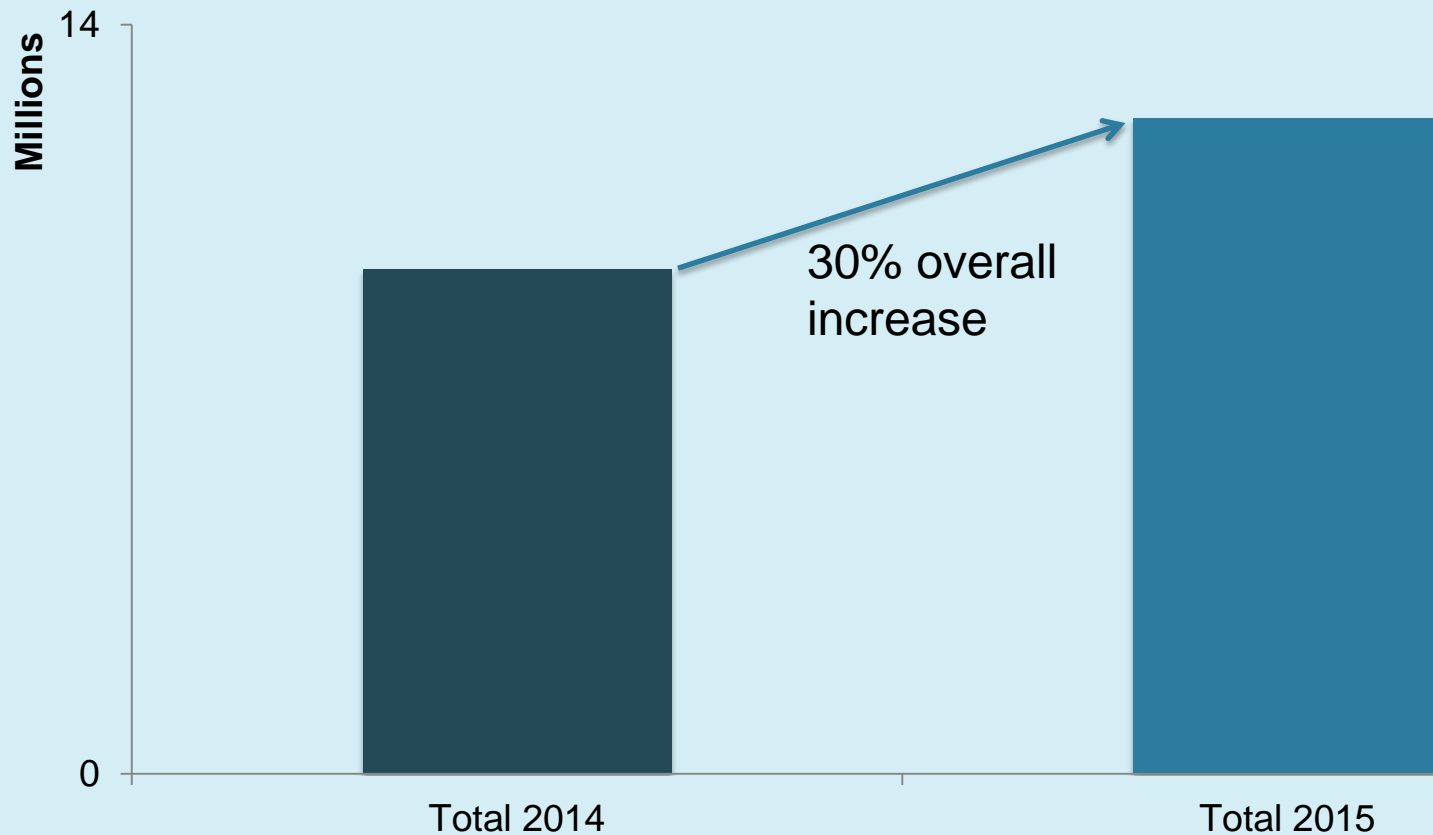
# 11% increase in HIV Testing Targets

with targeting of highest burden populations to maximize positive yield



# 30% Increase in Current on Treatment

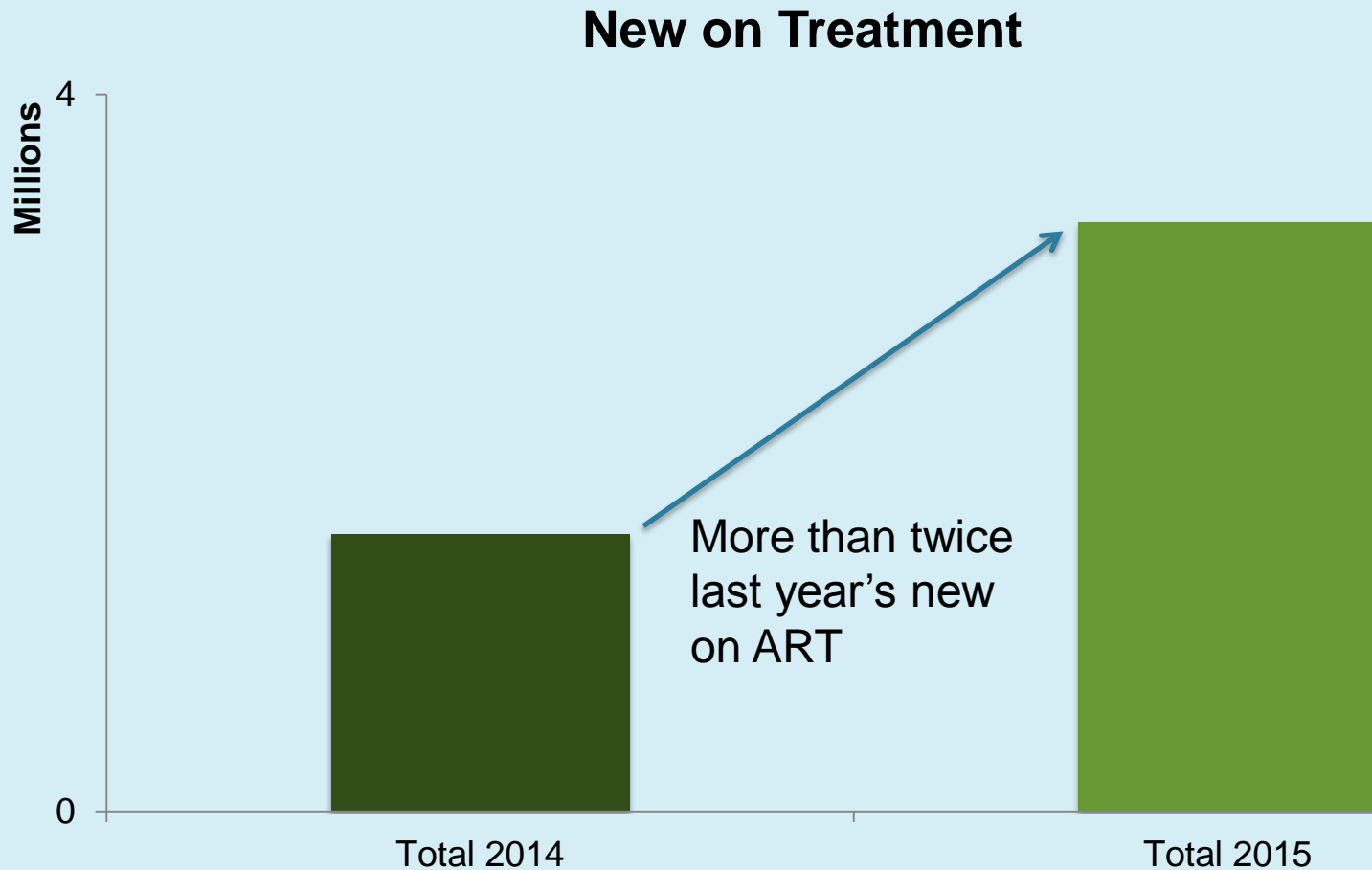
Massive increase in the number of people receiving lifesaving ART  
**Current on Treatment**





# 113% Increase in New on ART

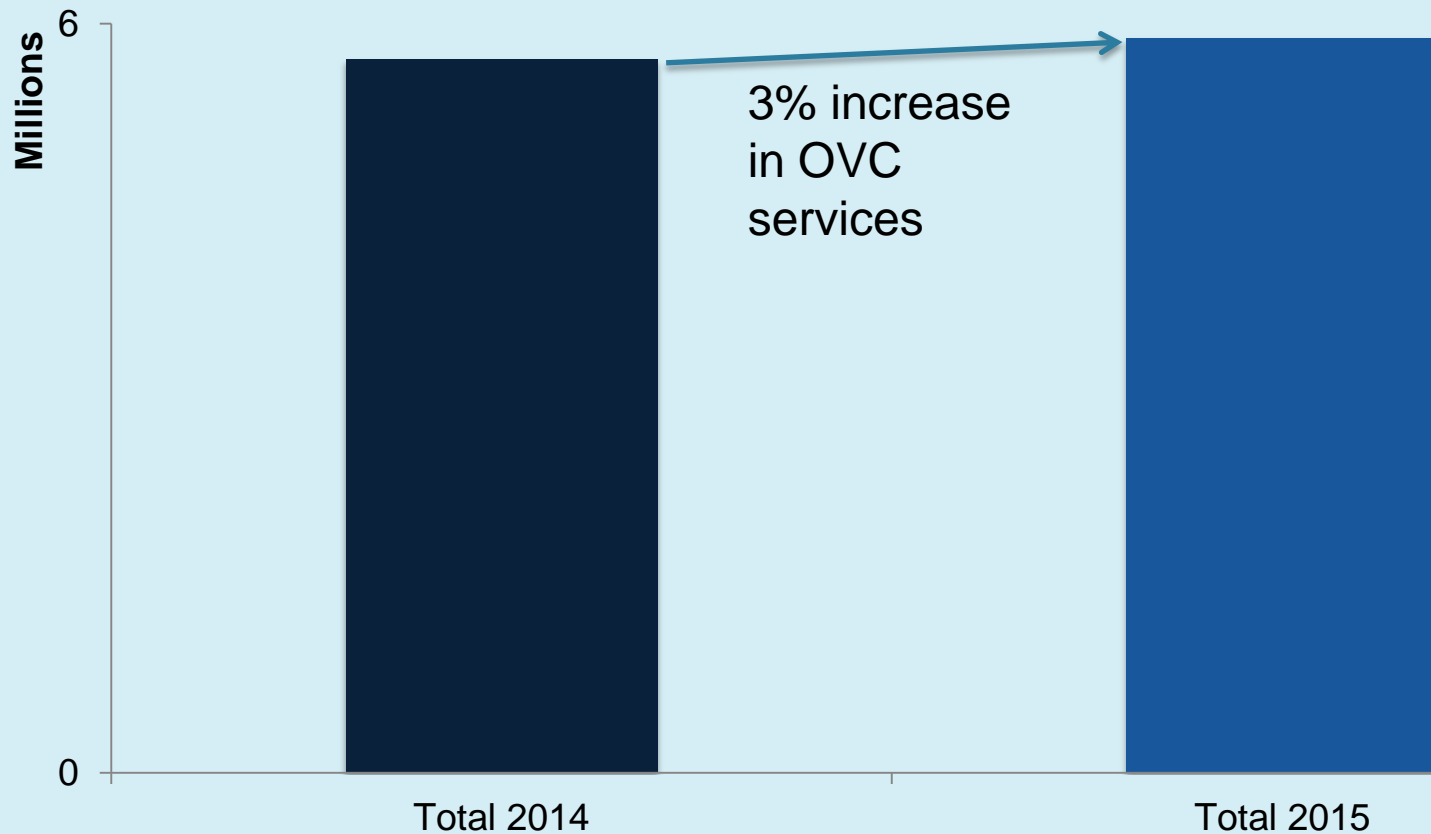
Unprecedented acceleration & scale-up of treatment services for adults and children



# Maintaining & Focusing OVC Services

To ensure the most vulnerable receive services tailored to their needs

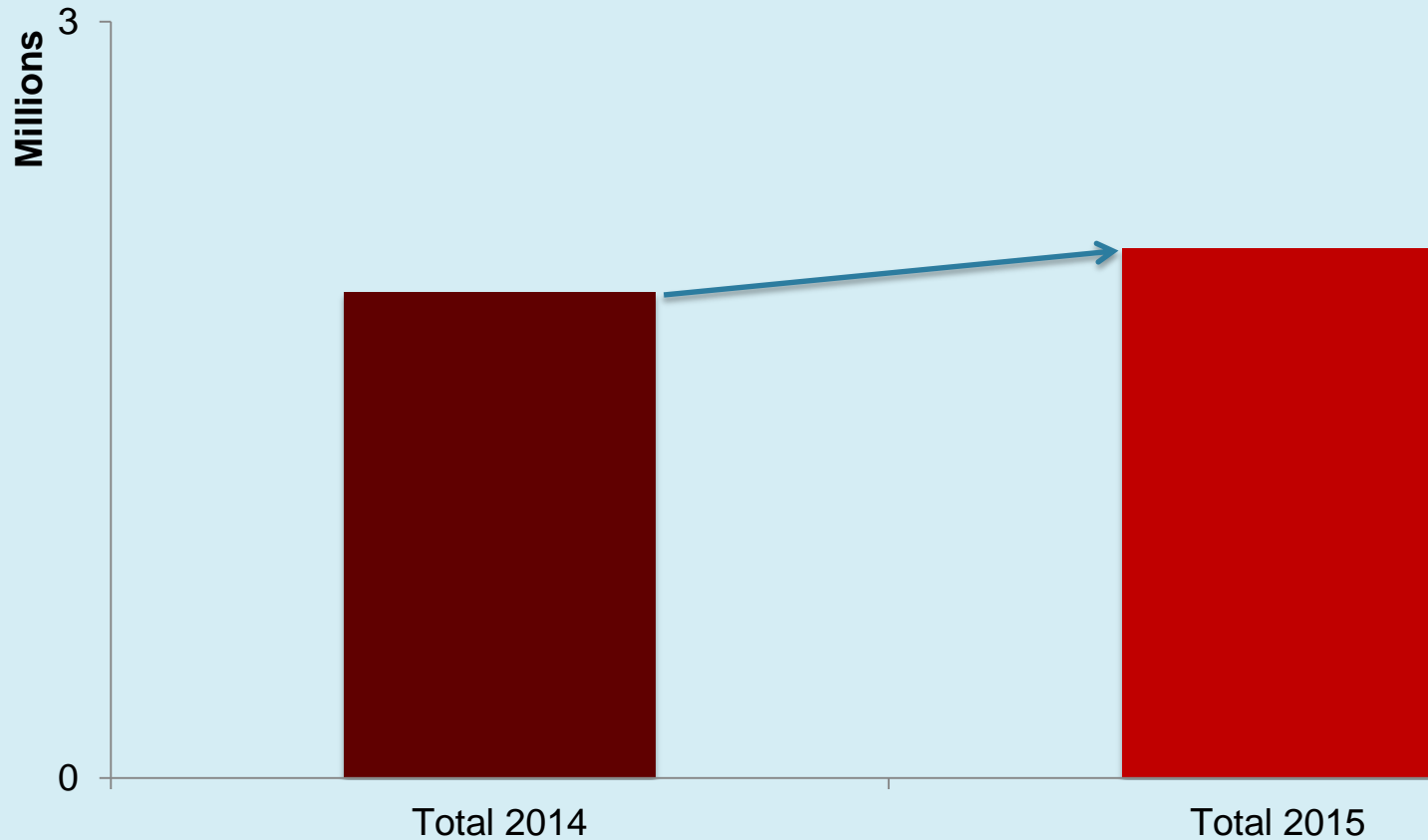
## Services for Orphans & Vulnerable Children



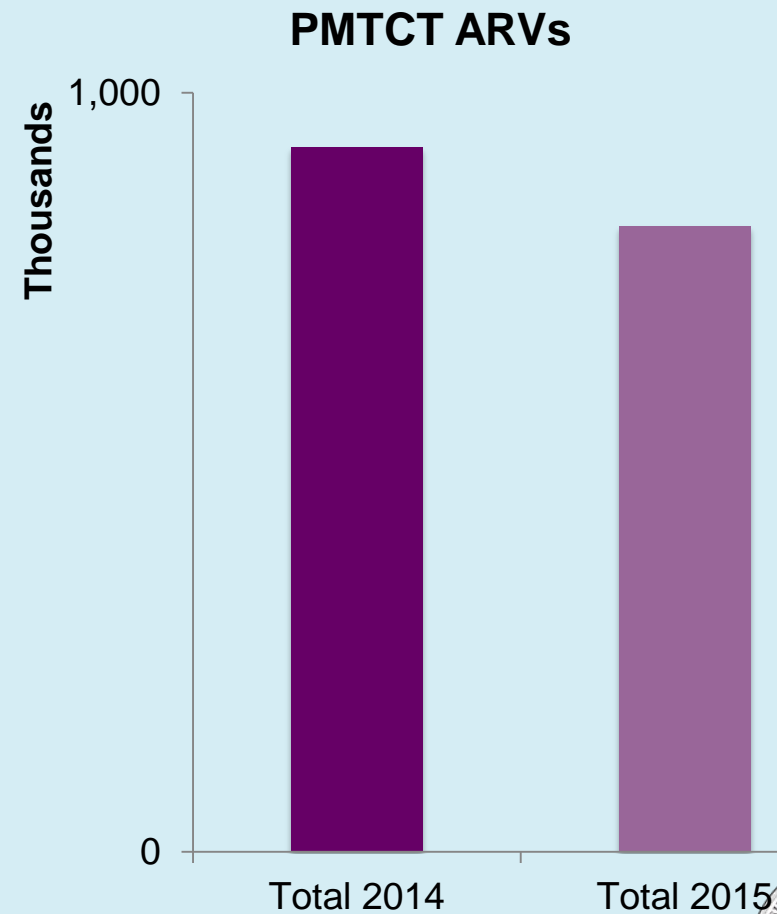
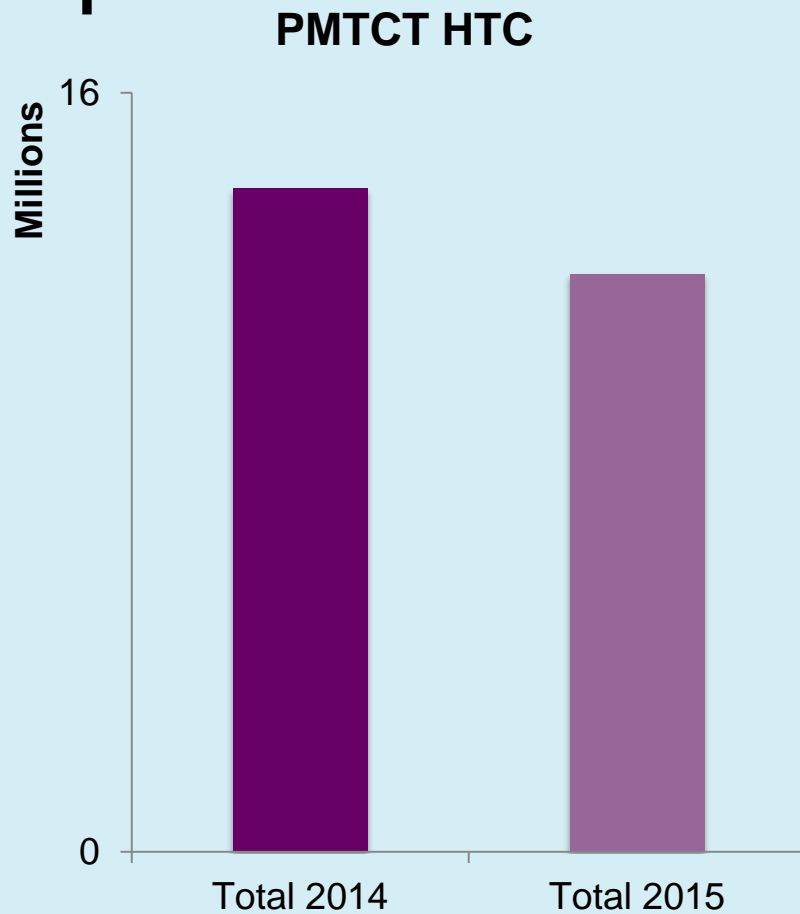
# 9% Increase in VMMC

Focusing on highest prevalence areas & populations

## Voluntary Medical Male Circumcision (VMMC)



# PMTCT: gradual decline as more women are on lifelong ART through Option B+



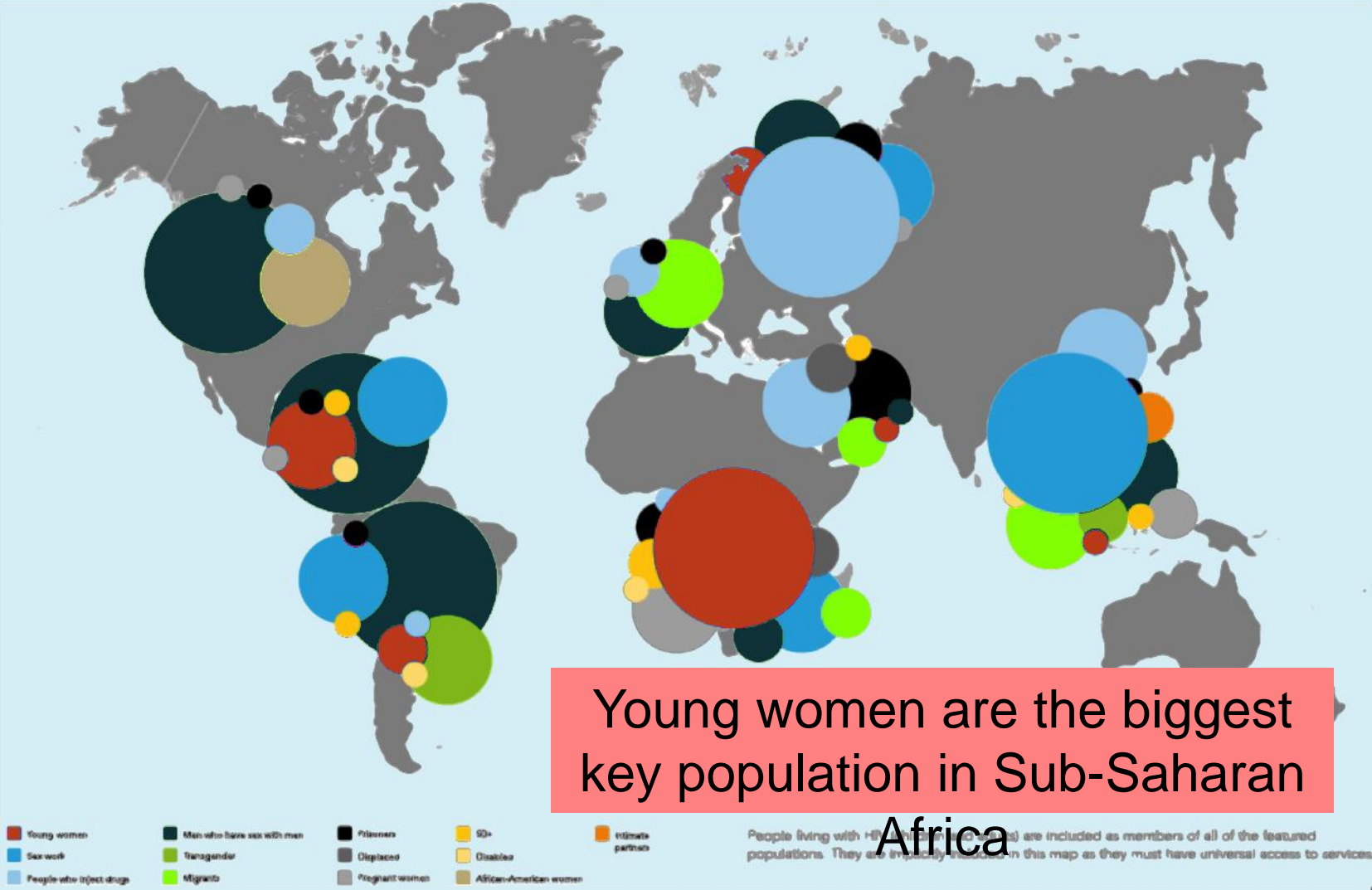


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**FOCUS ON YOUNG  
WOMEN &  
ADOLESCENT GIRLS**

Preventing new HIV infections

# Key Populations Vary by Location

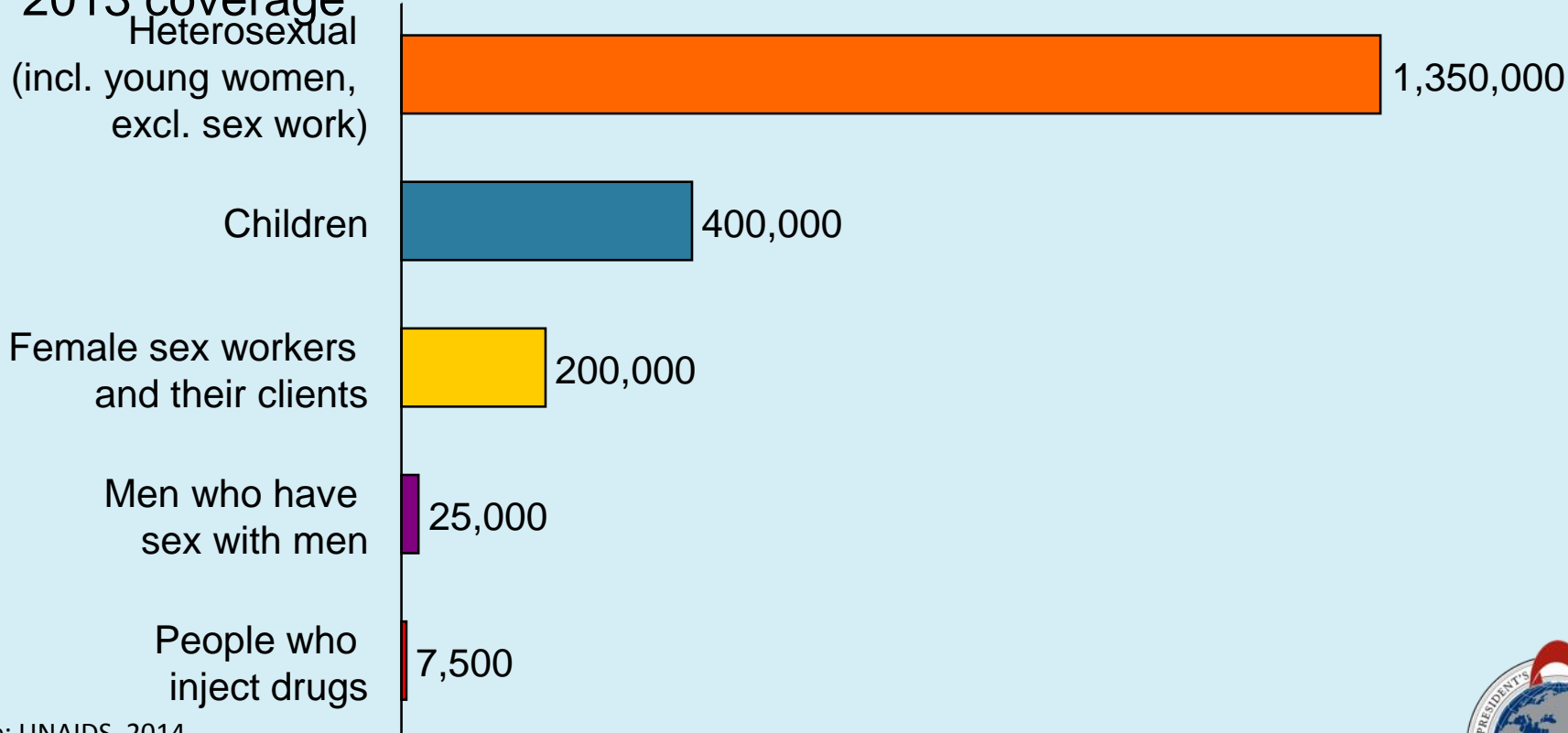


Source: UNAIDS, 2014



# Heterosexual relationships continue to be the main sources of new infections in Africa

Estimated new HIV infections in 2030 in Africa with continuation of 2013 coverage



Source: UNAIDS, 2014

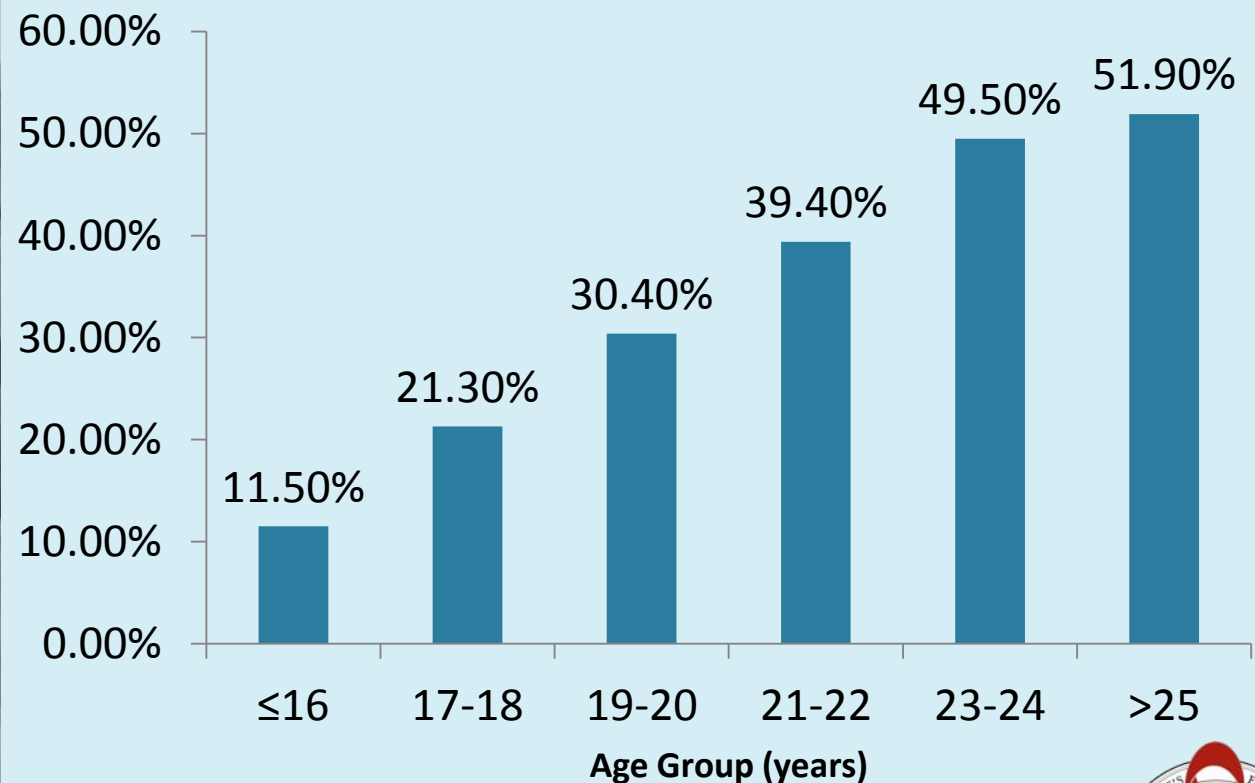


# HIV in pregnant women in rural South Africa (2001-2013), N=4,818



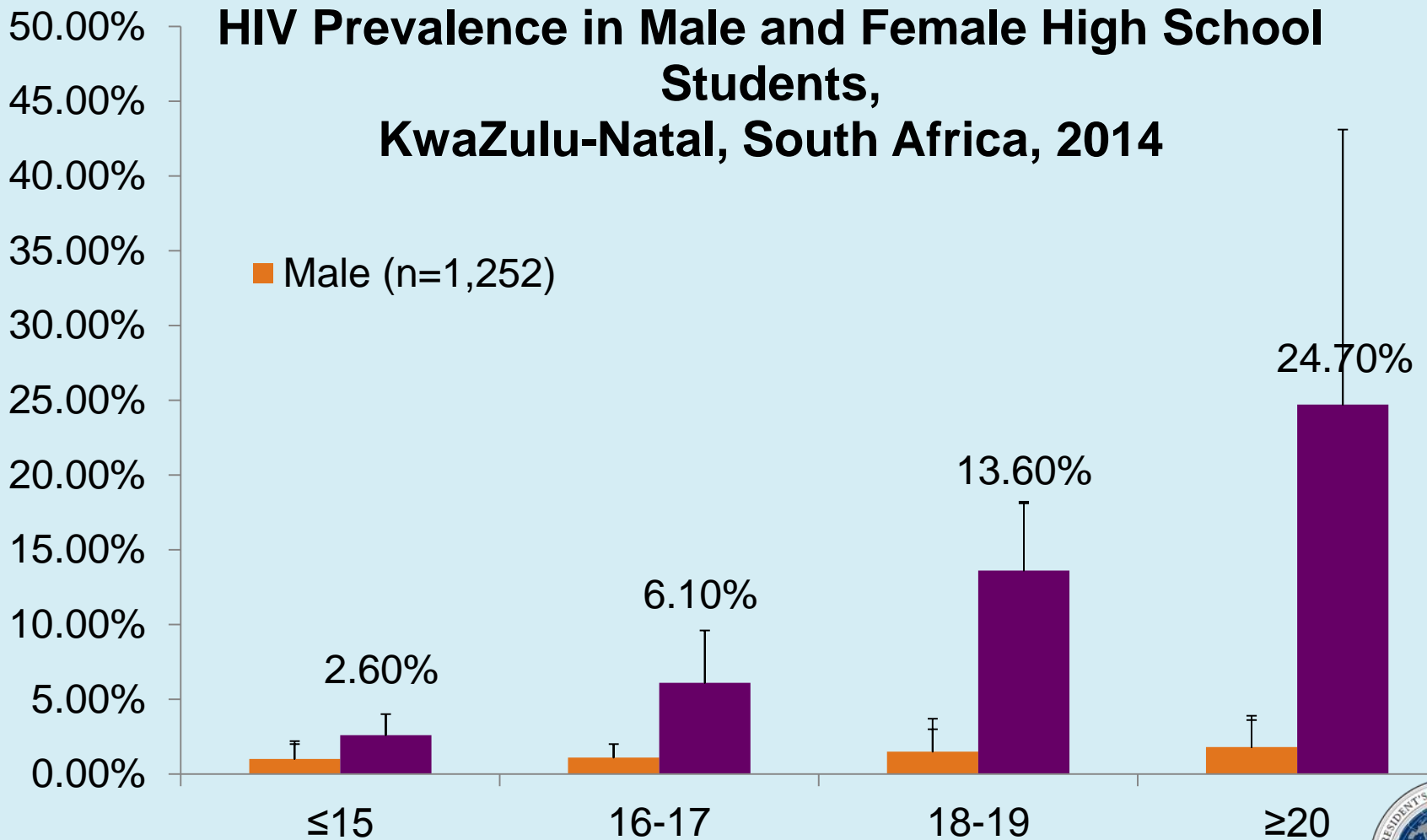
Source: Abdool Karim Q, 2014

## HIV Prevalence





# Stark Disparity in HIV Prevalence in male and female high school students in rural South Africa



Source: Abdool Karim Q, 2014





# The DREAMS Partnership

**WORKING TOGETHER FOR AN  
AIDS-FREE FUTURE FOR GIRLS**



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

**BILL & MELINDA  
GATES foundation**

**Nike Foundation**

- Launched on WAD 2014, \$210 million partnership between PEPFAR, the Bill & Melinda Gates Foundation, and the Nike Foundation to reduce new HIV infections in adolescent girls and young women in up to 10 countries.
- DREAMS aims to ensure that girls have an opportunity to live **D**etermined, **R**esilient, **E**mpowered, **A**IDS-free, **M**entored and **S**afe lives.
- Provide a country determined core package of evidence-based interventions that have successfully addressed HIV risk behaviors, HIV transmission, and gender-based violence

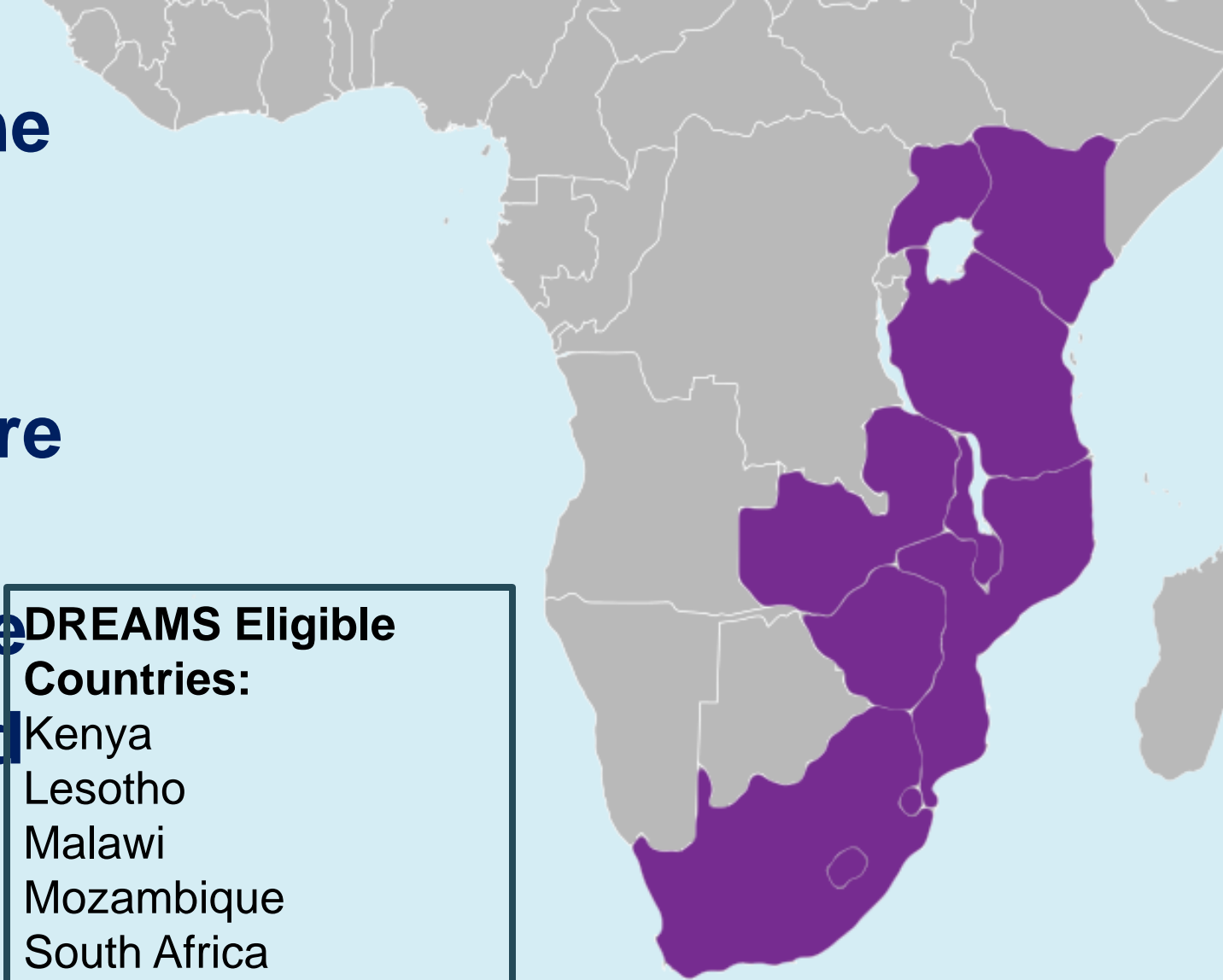


**Determine  
d  
Resilient  
Empowered  
d  
AIDS-free  
Mentored  
Safe**

**DREAMS Eligible  
Countries:**

Kenya  
Lesotho  
Malawi  
Mozambique  
South Africa  
Swaziland  
Tanzania  
Uganda  
Zambia

Zimbabwe



A black and white photograph of five children standing in front of a wall. The wall has graffiti including the letters 'A B C D E F' and the numbers '5 6 7 8'. The children are of various ages, from a young child in the foreground to a taller adolescent in the back. One child in the center is wearing a light-colored shirt with a cross necklace. The overall scene is outdoors, possibly in an urban or slum area.

5

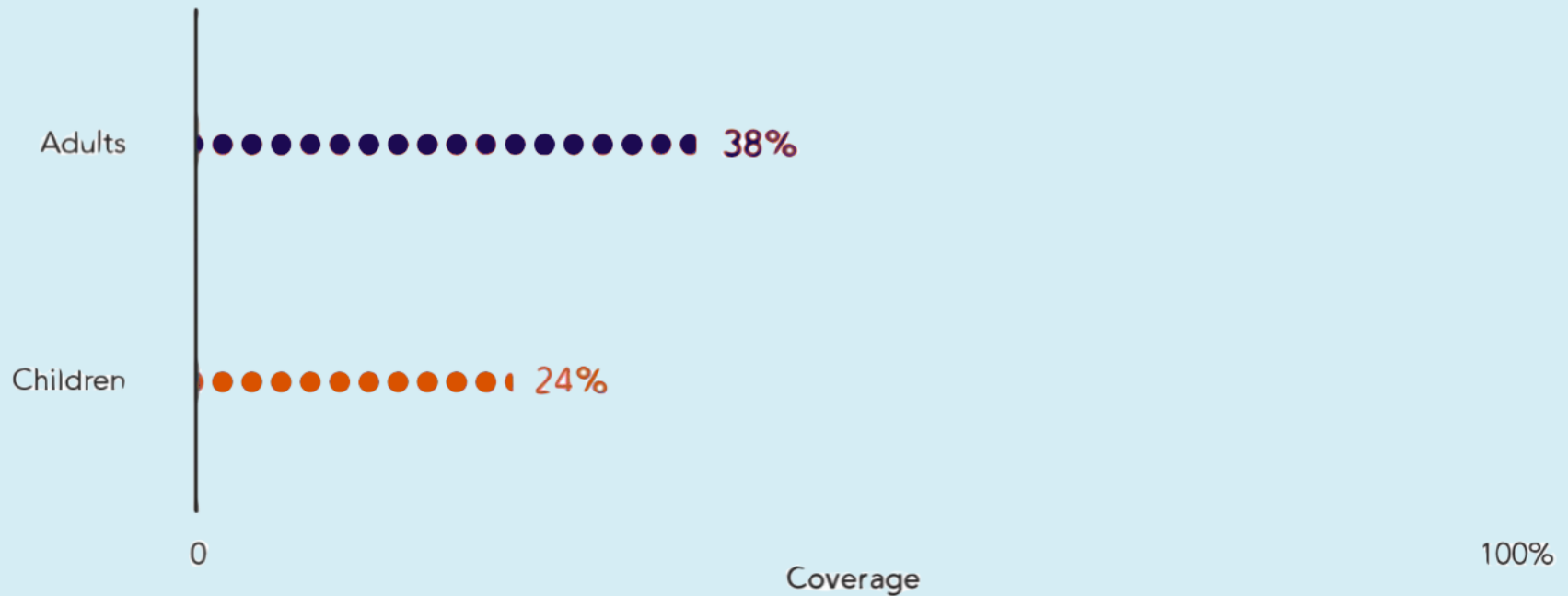
# FOCUSING ON CHILDREN

Scaling up ART services for children & adolescents

# Adults & children currently on ART

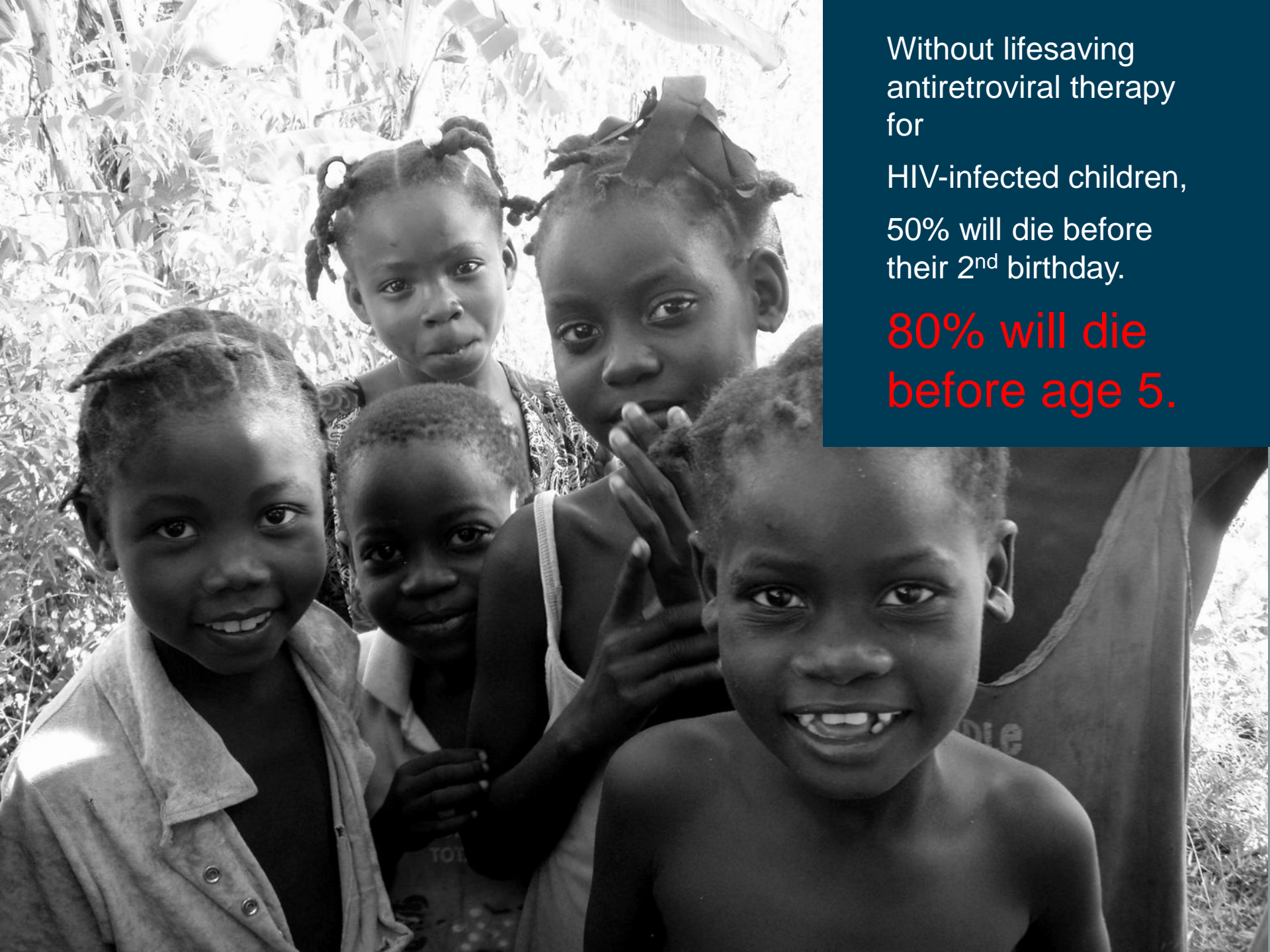
## 2013

Percent of adults and children eligible for ART that are receiving it



Source: UNAIDS, 2015





Without lifesaving  
antiretroviral therapy  
for

HIV-infected children,  
50% will die before  
their 2<sup>nd</sup> birthday.

**80% will die  
before age 5.**

# Partnering to save children

PEPFAR & Children's Investment Fund Foundation (CIFF)

## Accelerating Children's HIV/AIDS Treatment (ACT)

### \$200M partnership

- Doubling the number of children receiving life saving ART
- FY 2017 Target: 500,000 on treatment
- Interim FY 2016 Target: 400,000 on treatment
- **Countries** : Cameroon, Cote d'Ivoire, DRC, Kenya, Lesotho, Malawi, Mozambique, Tanzania, Zambia,

Zimbabwe

Transparency and Solidarity to Accelerate IMPACT





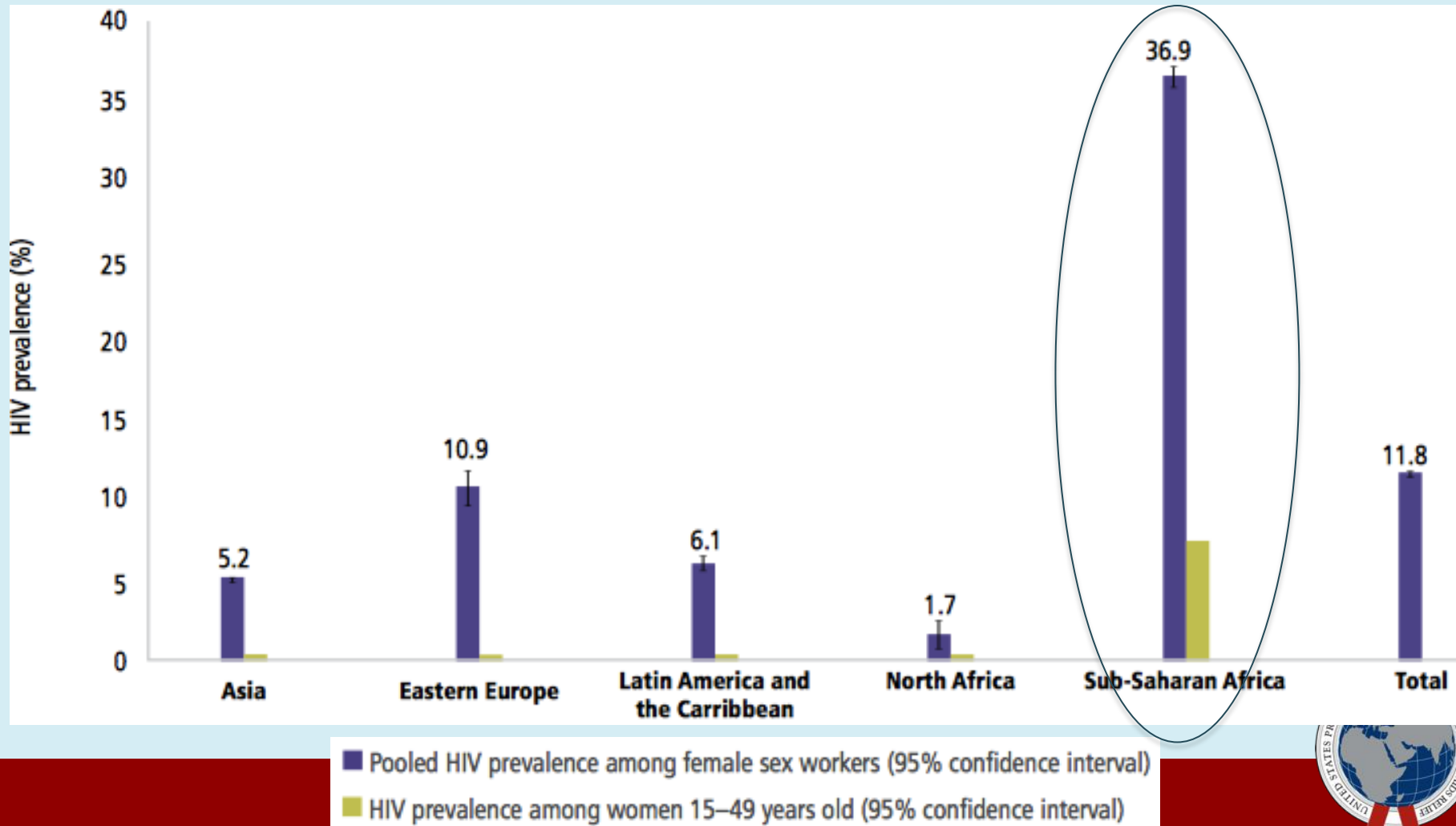
# FOCUS ON KEY POPULATIONS

Preventing new HIV infections



# Disparate Burden of HIV among Female Sex Workers versus General Population of Women

Pooled HIV Prevalence among Female Sex Workers by Region, 2007-2011

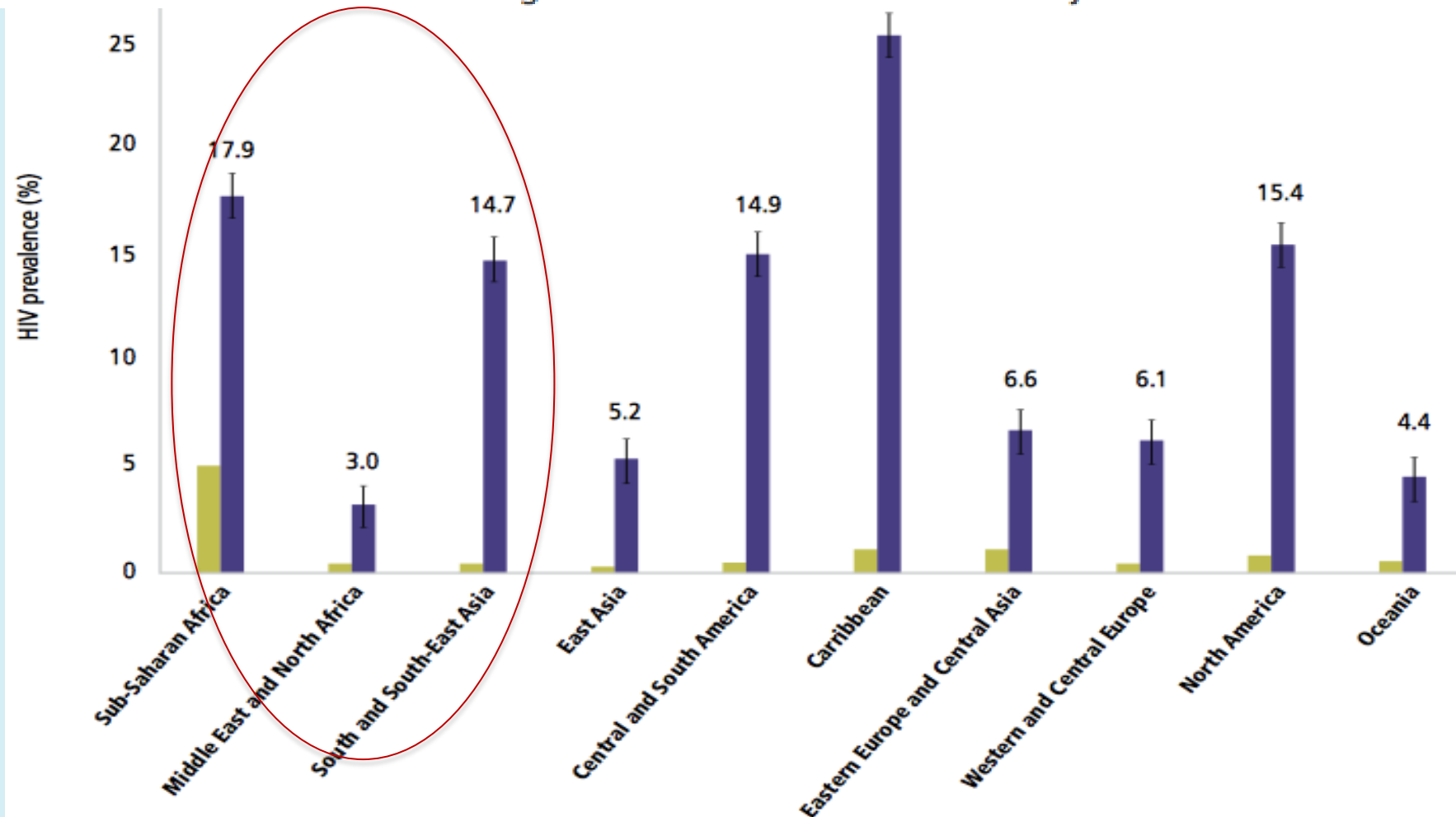


# Disproportionate Burden of HIV among MSM

Pooled HIV Prevalence among Men who have Sex with Men by Region, 2000-2010

■ Prevalence of HIV infection among all men 15–49 years old

■ Prevalence of HIV infection among men who have sex with men 15–49 years old



# Discriminatory Cultural & Legal Environments

Nearly 80 countries have laws that persecute same-sex sexual relations



A New Era of Accountability, Transparency and Solidarity to Accelerate IMPACT

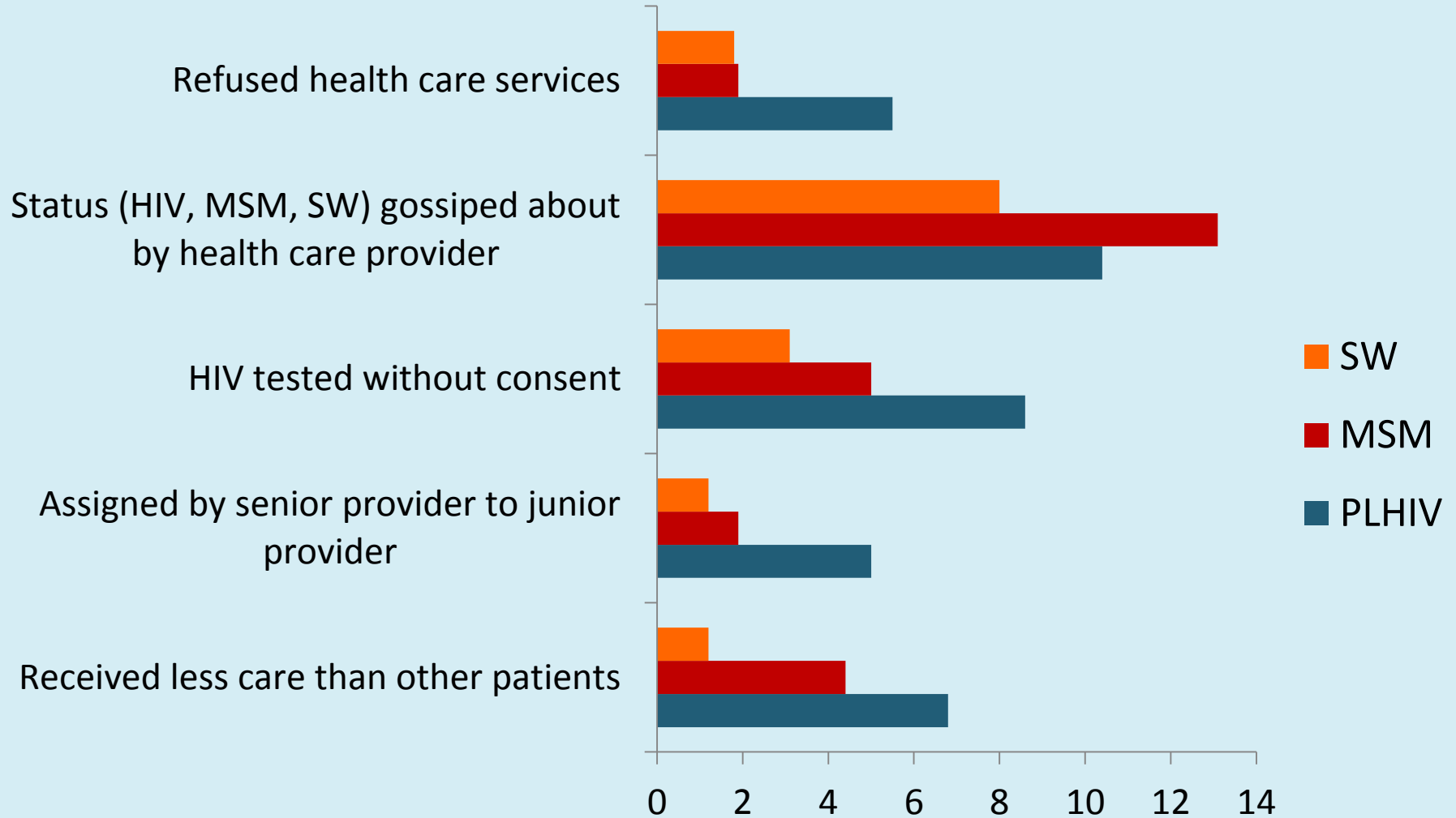
Source: ILGA, May 2013



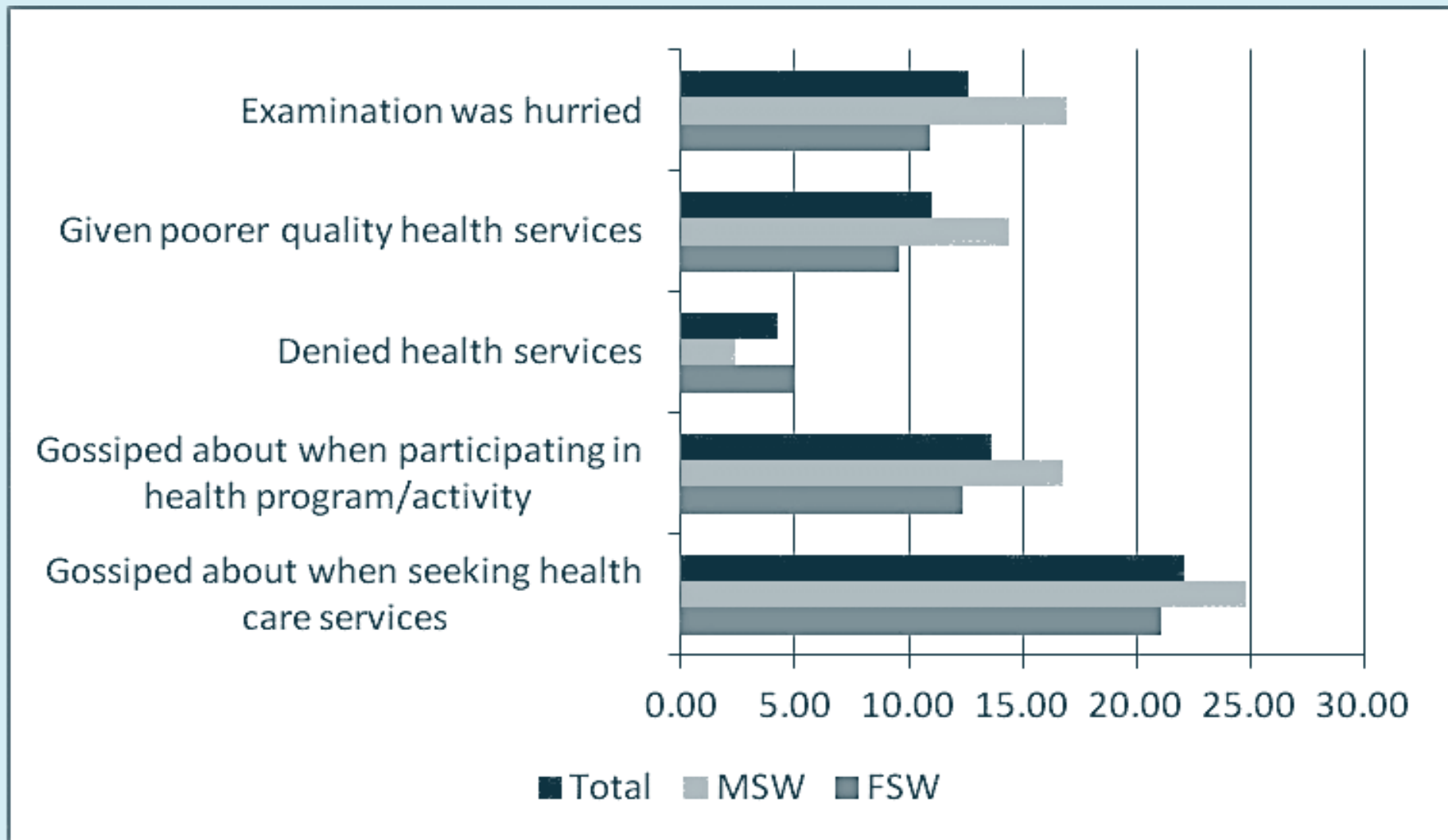
# Enacted Stigma in Jamaica – Reported by Health Care Staff

FHI360/USAID/PEPFAR study done in

2012



# MSM and SW Experiences with Health Services and Programs (Last Six Months)



# Key Points

- Across most examined scenarios, the **desire to avoid interactions with MSM was greater than it was with SW**
- Across both health facility and social services respondents, the **highest stigma levels were found for MSM HIV positive** then **SW HIV positive** and the non-MSM HIV positive which again, demonstrated layered stigma from both HIV and MSM/SW
- **Gossip** towards those suspected to be PLHIV, MSM, or SW was the most predominant report among health facility and social service staff

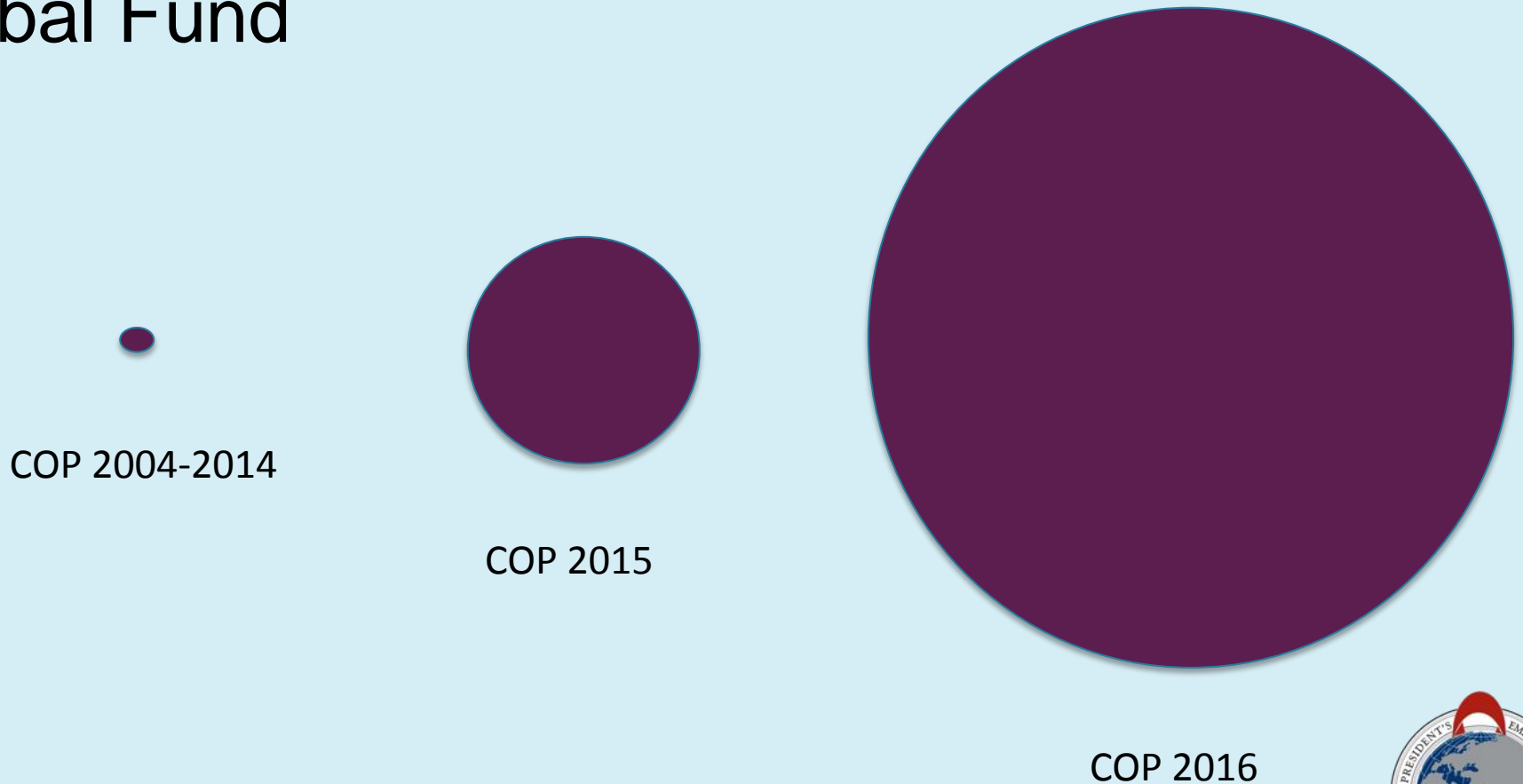


7

**TRUE PARTNERSHIP  
FOR AN AIDS-FREE  
GENERATION**

# In order to achieve the FAST TRACK

Strategy : We will need to continue to evolve and improve our engagement with Host Governments, Civil Society, WHO, UNAIDS and Global Fund





# Together

True partnership for an AIDS-free generation

- We have the opportunity to control the HIV/AIDS epidemic in countries by doing the **right things** in the **right places** at the **right now** in partnership with host country and GF
- Do we have the collective will to **make the hard choices** to reach more in need by focusing resources and efforts?
- Can we increase impact with **innovations** to increase the effectiveness of our programming to decrease HIV transmission?
- **USG accountability** will continue to be enhanced to ensure achievement of the targets and ensuring



A New Era of Accountability, Transparency and Solidarity to Accelerate HIV/AIDS epidemic control: **PEPFAR data will be available to everyone for analyses**

# Our work is not done. This week alone...



Over 3600 children died this week from HIV

Over 25,000 adults died this week from HIV

Over 4,600 babies were infected

Over 36,500 adults were infected of which more than 7000 were young women



“There is a window of opportunity before us, a window through which we can very clearly see the end of AIDS within my lifetime...”



THANK  
YOU!

