



SOUTH AFRICANS AND AMERICANS
IN PARTNERSHIP TO FIGHT HIV/AIDS

PEPFAR

PEPFAR South Africa Update

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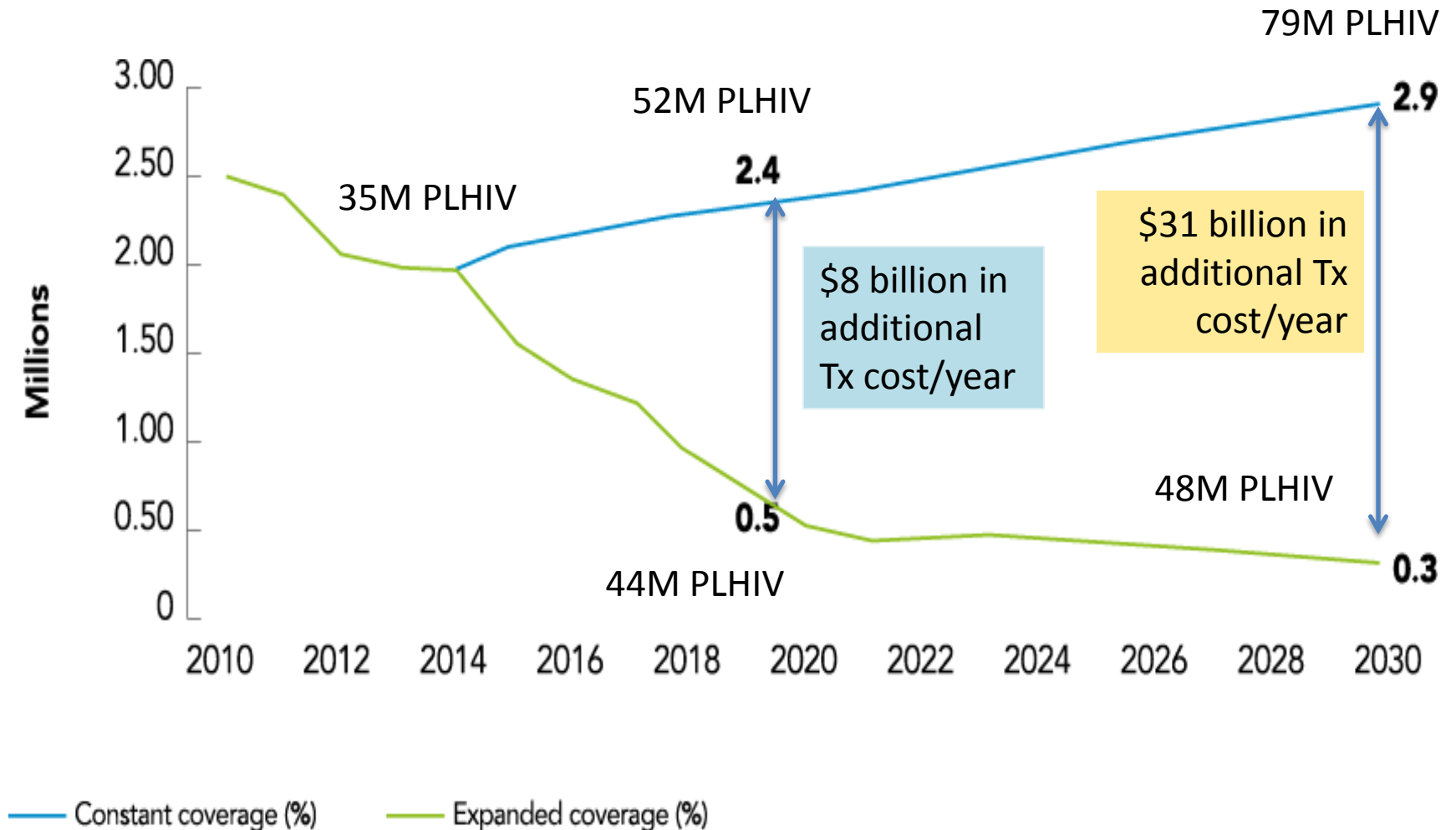
South Africa HIV Clinicians Society

April 13, 2016

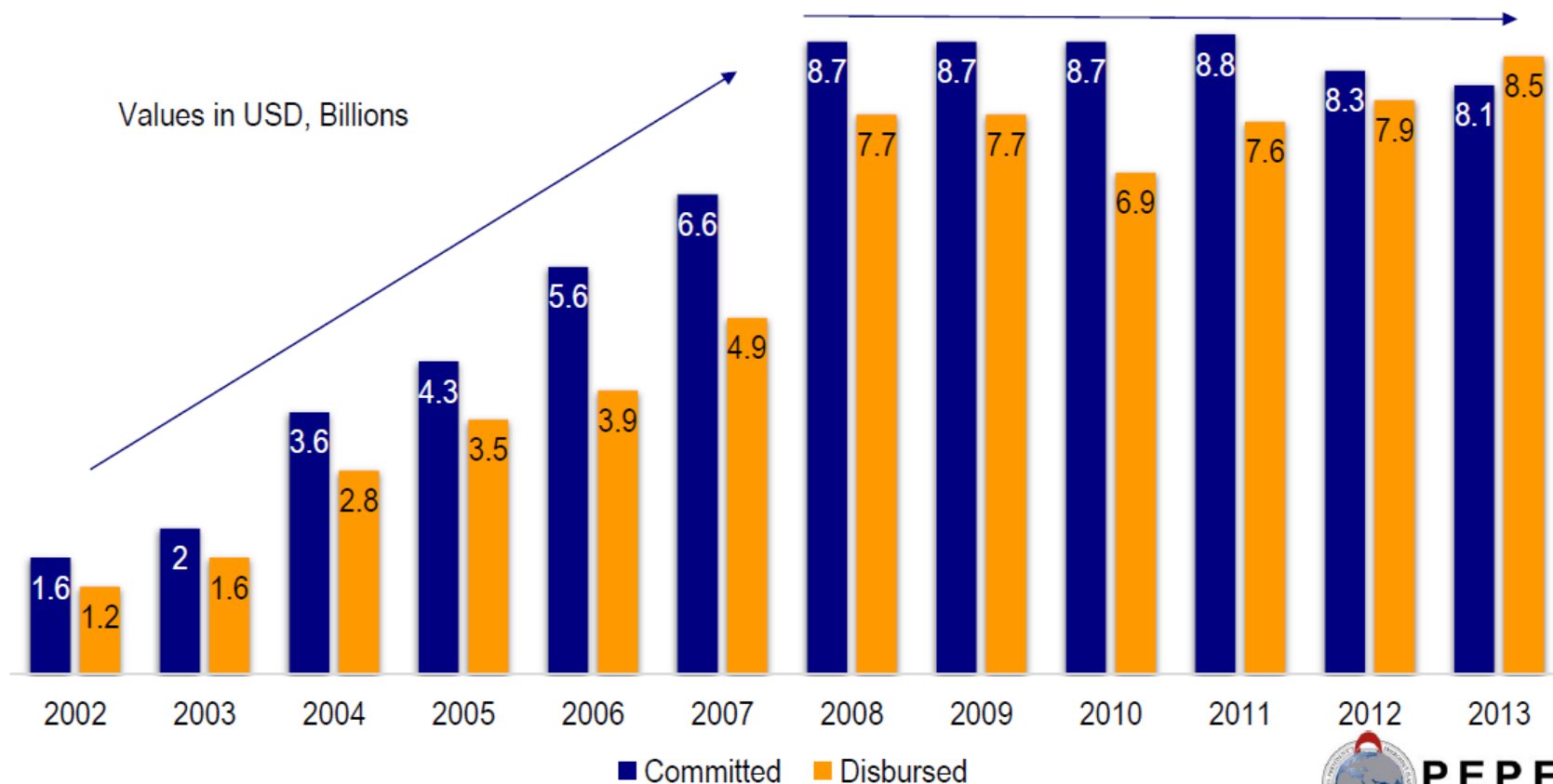
Global funding needed to address an expanding HIV/AIDS pandemic:

Ending AIDS Scenario: New HIV Infections Globally (2010 – 2030)

Total number of people living with HIV/AIDS (PLHIV)

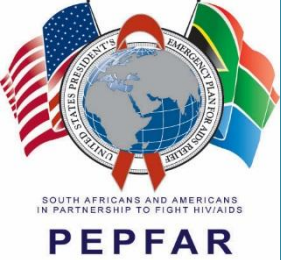


Global HIV Funding Has Plateaued and is projected to remain flat

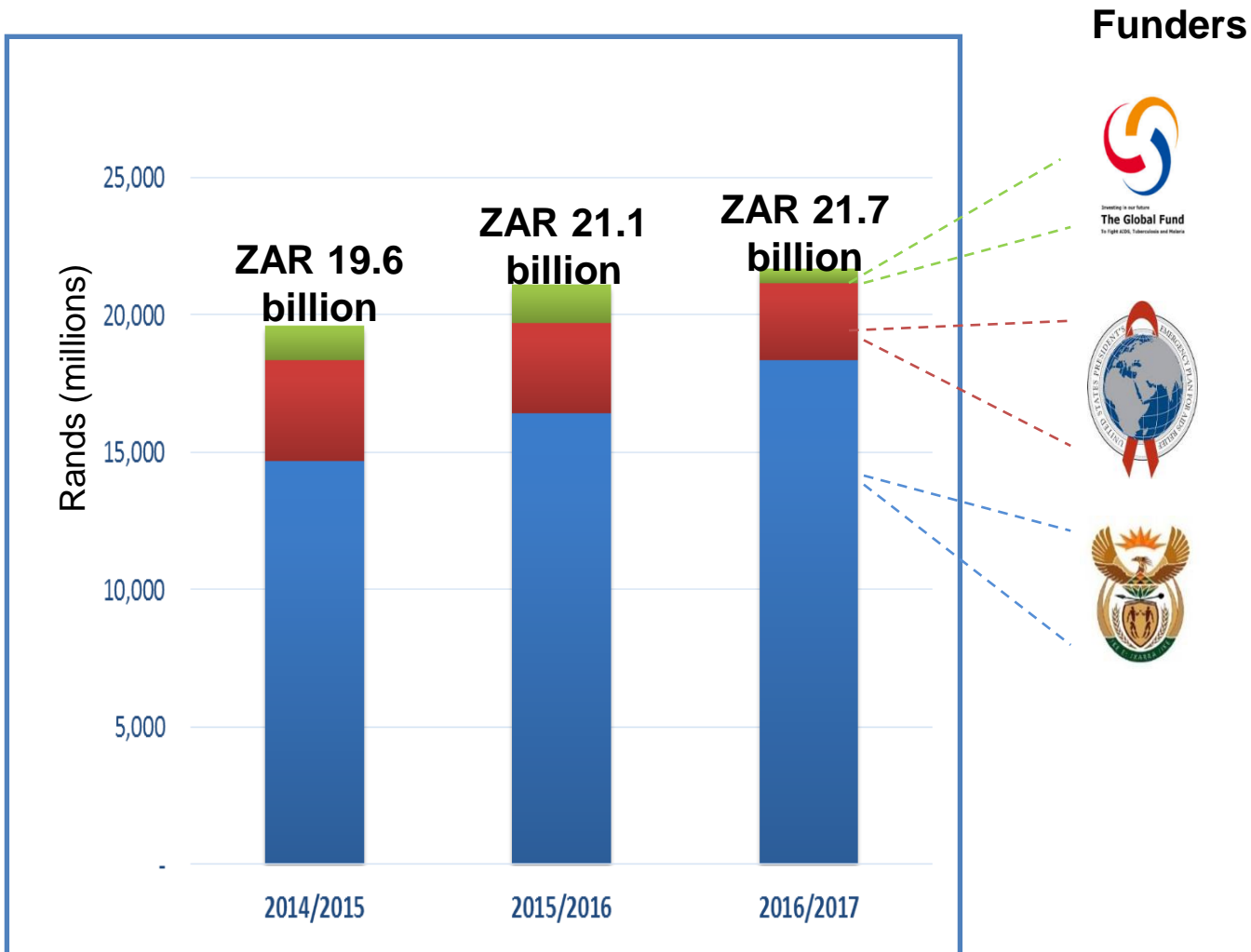


Source: Kaiser Family Foundation and UNAIDS, 2015





Investment Case budget envelope based on planned spending by the three main funders





PEPFAR's 3 Guiding Pillars

Delivering an AIDS-Free Generation with Sustainable Results

AIDS-free Generation

Accountability

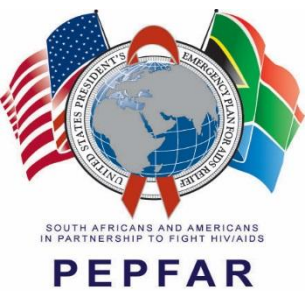
Demonstrate cost-effective programming that maximizes the impact of every dollar invested

Transparency

Demonstrate increased transparency with validation and sharing of all levels of program data

Impact

Demonstrate sustained control of the epidemic – save lives and avert new infections



Policies and Program Guidance



- **South Africa National Development Plan and National HIV/TB Strategic Plan**

PEPFAR 3.0 - Agendas



Global/Multilateral Guidance and Best Practice



Defining “A Sustainable HIV Response”

Sustainability is *not* only about funding.

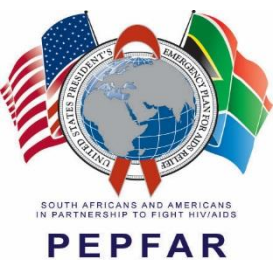
A sustainable response can only be achieved when the epidemic is under control and no longer expanding

How can we achieve epidemic control?

- ✓ Right things
- ✓ Right places
- ✓ Right now
- ✓ Right way

The **Right Things** to achieve epidemic control

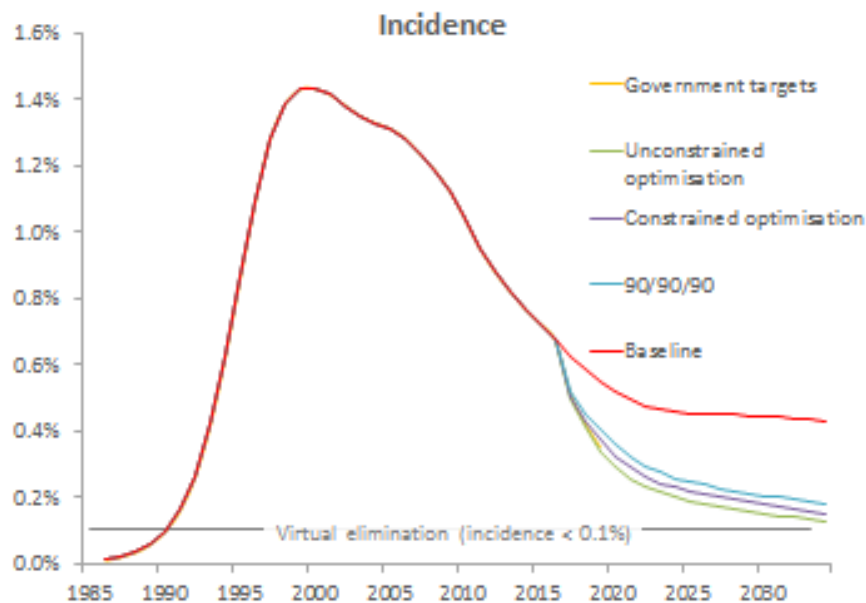
- Expand access to ART: test and start for everyone
 - Develop alternative service delivery models
 - Supply chain management: improve tendering & costs
- Prevent new infections in young women (15-24): DREAMS
- Prevent new infections in men (15-45): VMMC & treatment



Aligning with Evidence-Based Strategic Decisions using the Investment Case

HIV Results: Optimisation

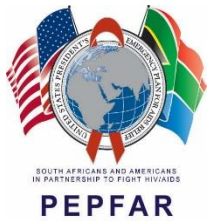
Intervention	ICER (\$/LYS)
Condom availability	Cost saving
Male medical circumcision	Cost saving
ART at current guidelines	106
PMTCT	138
Universal treatment 90/90/90	243
Infant testing at 6 weeks	274
SBCC campaign (HCT, reduction in MSP)	761
SBCC campaign (condoms)	1,216
General population HCT	1,233
SBCC campaign 3 (condoms, HCT, MMC)	1,819
HCT for sex workers Constrained optimisation	2,644
Infant testing at birth	2,937
PrEP for sex workers	9,894
HCT for adolescents	19,546
PrEP for young women	26,216
Early infant male circumcision	53,785,494
Unconstrained optimisation	



Meyer-Rath G, Chiu C, Johnson L, Sumner T, Pretorius C, Guthrie T, Pillay Y, Abdullah F, Kiwango E, on behalf of the Investment Case Task Team and Steering Committee: *Optimising South Africa's HIV Response: Results of the HIV and TB Investment Case*. Abstract no. 115 (oral presentation), CROI 2016).

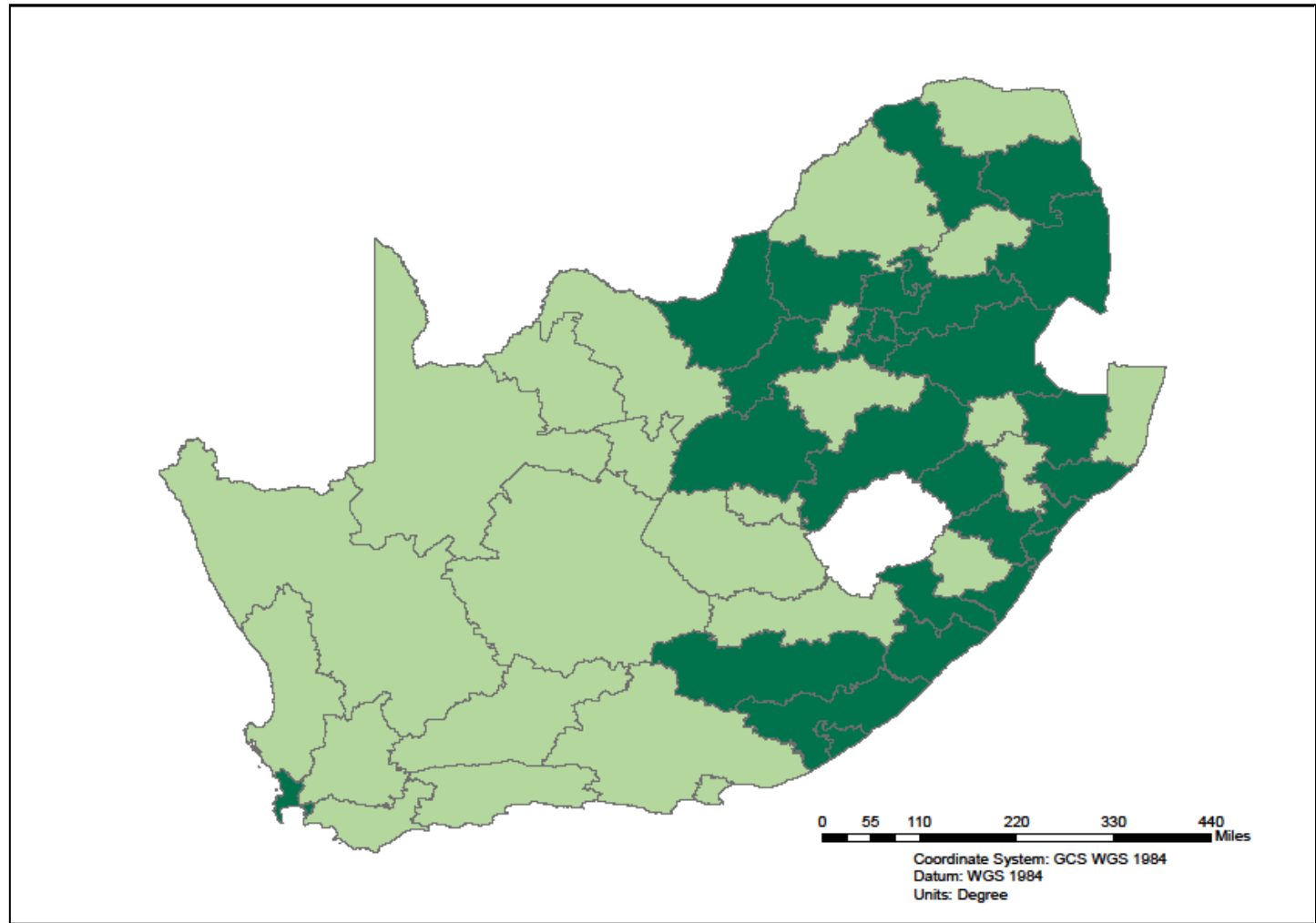
The **Right Places** for epidemic control

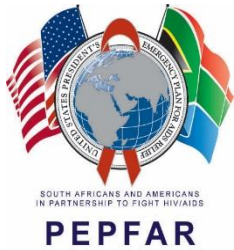
- Focusing limited resources on the highest burden areas
 - Strategic scale-up
 - Refine approach to targeting interventions
 - Collect & use facility-level data
 - Use programmatic data for continuous evaluation of investments



South Africa PEPFAR Priority Districts

27 High-burden Districts





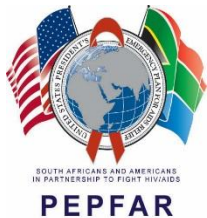
District Implementation Plans

PEPFAR working closely with NDoH, provinces, districts and SANAC to support enhanced planning at facility and district levels (including structural issues)

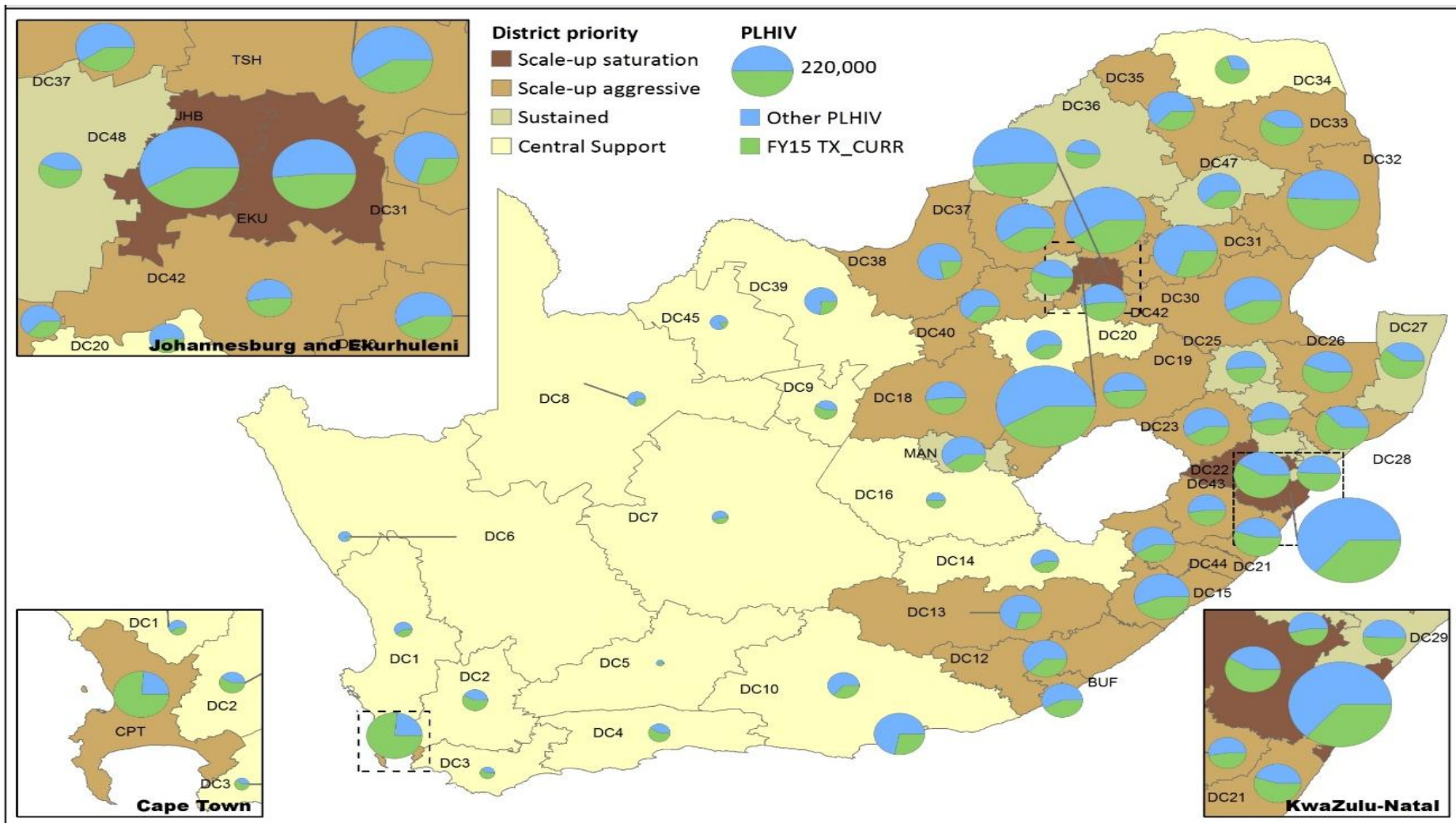
District targets and strategies for HIV and TB

Integrate PEPFAR partner work plans into DIPs

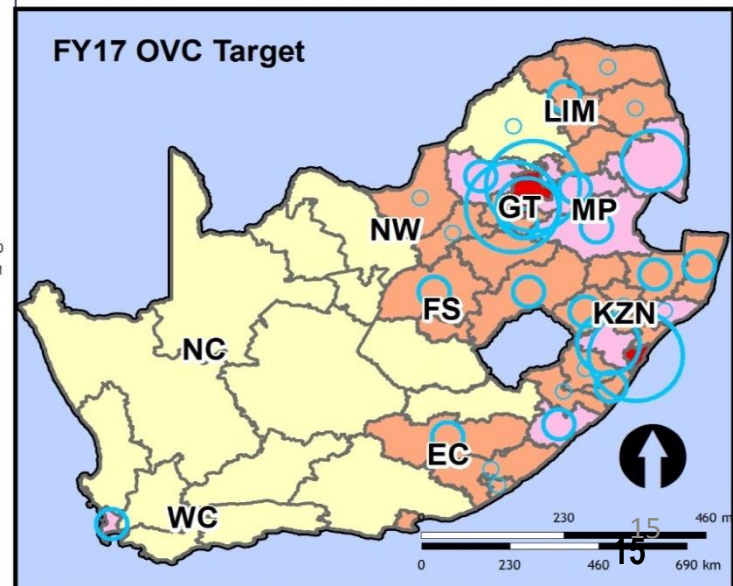
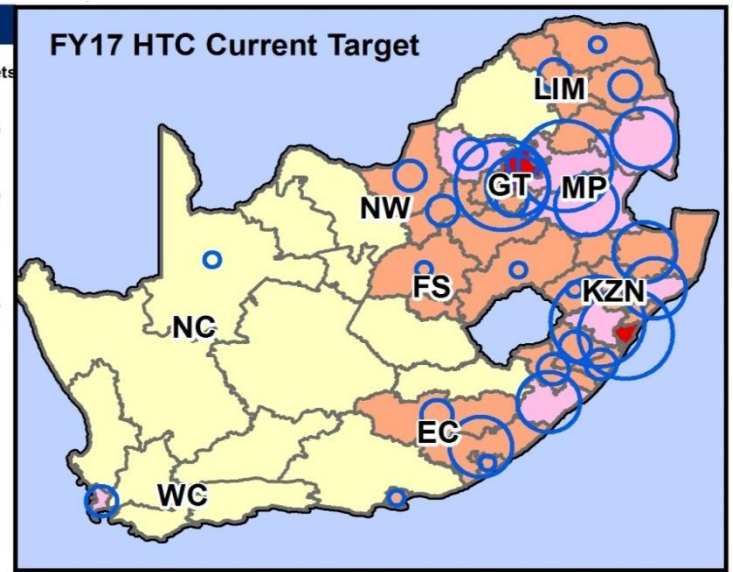
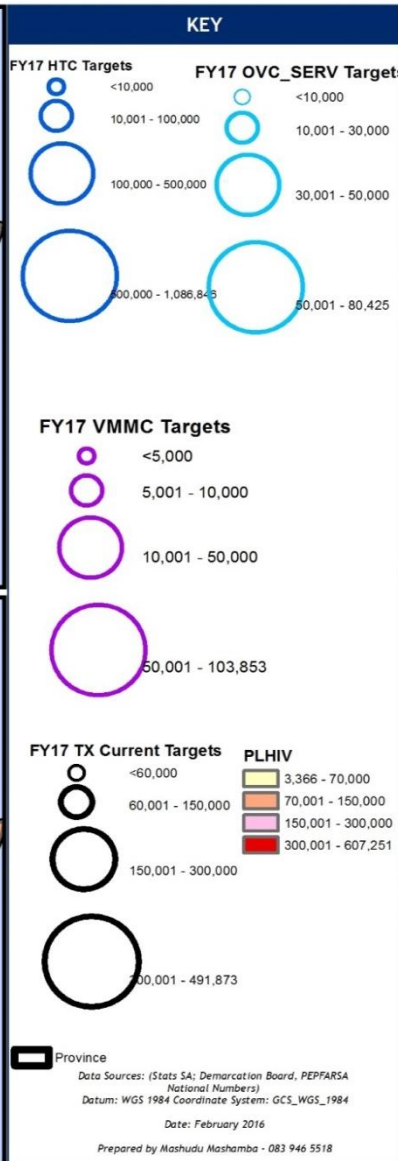
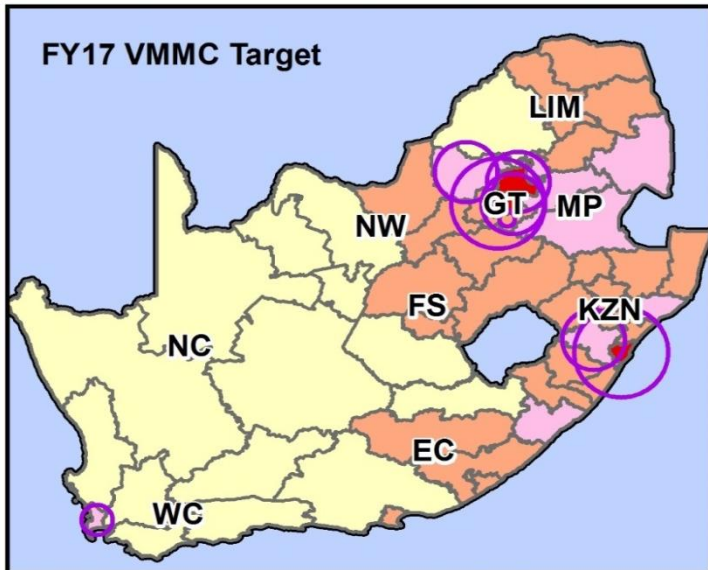
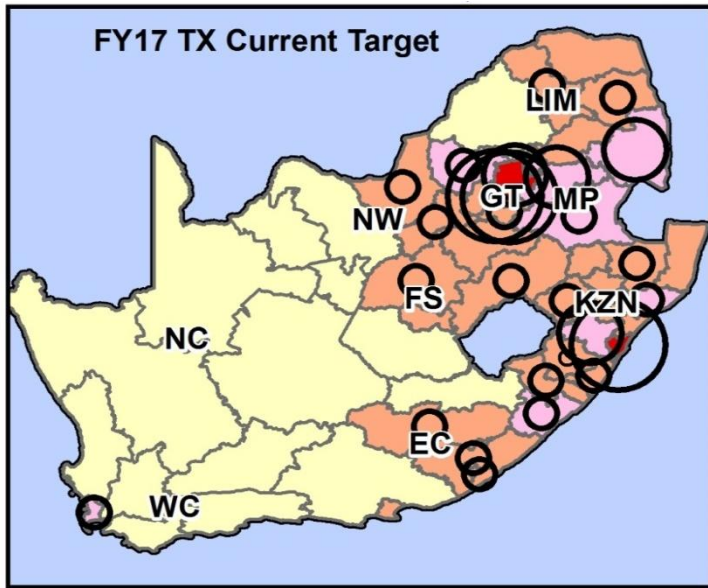
Support and facilitate DIP process and data use in decision making at all levels



South Africa PEPFAR Priority Districts and Estimated ART Coverage



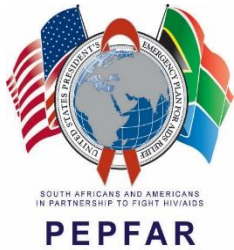
Program Alignment in High Burden Districts for ART, HTC, VMMC and OVC (SA and PEPFAR targets Sept 2016-Oct 2017)



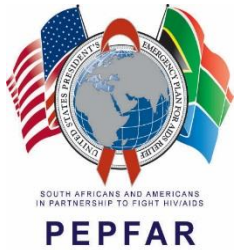
Right Now: Urgent need to control epidemic

- Achieving a sustainable response requires immediate action and focus
- We have a limited window to recalibrate response
 - Use of granular ‘real-time’ data to direct investments
 - Open sharing of data & transparency needed

Do we have the collective will to focus, and to make difficult choices together to achieve epidemic control?



South Africa Continued Focus for Impact to Achieve 90-90-90



COP16: Towards Epidemic Control

- **High-impact prevention programs (VMMC, DREAMS)**
- **Focus on key populations, men and young women**
- **Intensification of HTC efforts – scaling best practices**
- **Decanting stable patients**
- **Viral load coverage improvements including clinic-lab interface**
- **Health System Strengthening**



Medical Male Circumcision

4.3 Million

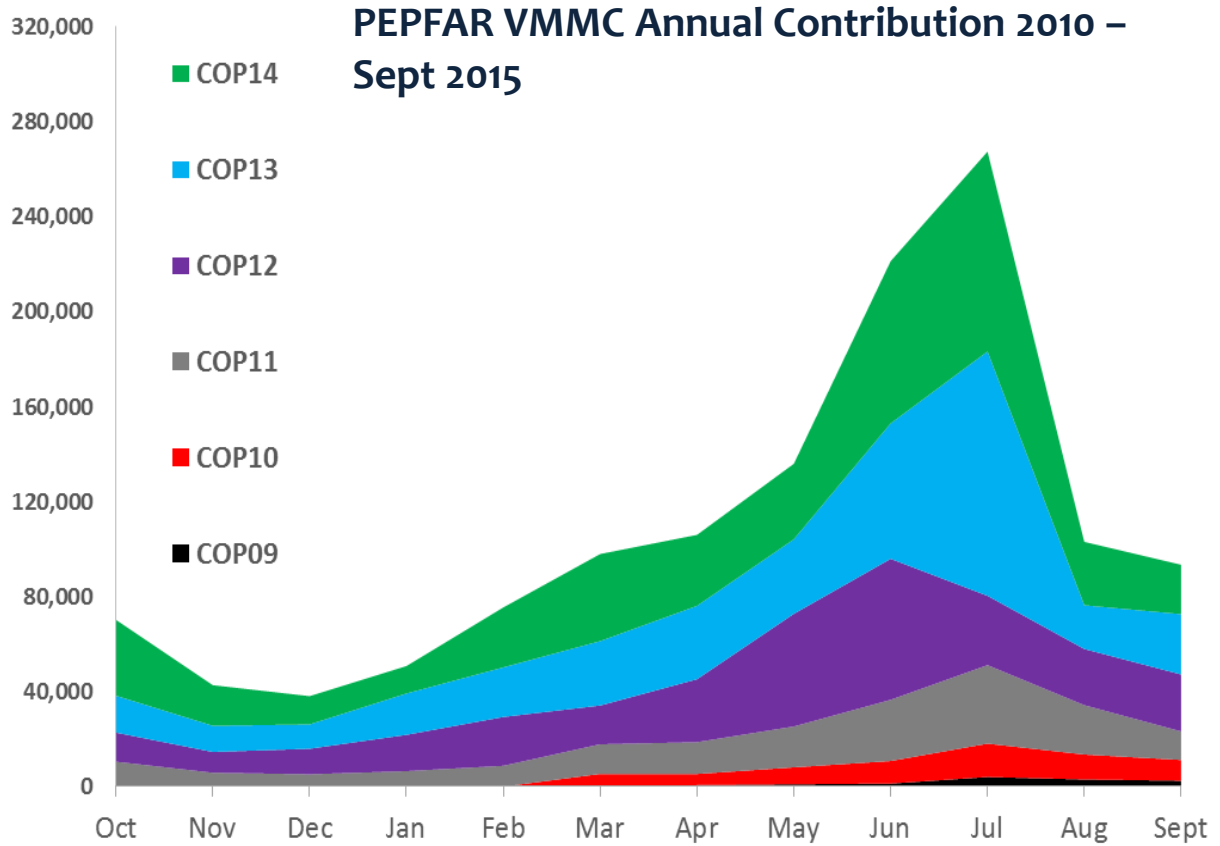
NATIONAL VMMC TARGET

1.3 Million

PEPFAR VMMC CONTRIBUTION
TO SEPT 2015

~845 Thousand

PEPFAR VMMC TARGET
COP15-16



Exclusive Waiting Area



TB/HIV

 **END
TB**



- **TB Screening.** TB symptom screening for all PLHIV, children, pregnant women, prisoners, miners, and peri-mining community members.
- **HIV Testing.** HIV testing for all TB suspects and immediate ART for all co-infected patients. INH prophylaxis for all HIV+ populations per national guidelines.
- **Treatment Completion.** Active follow-up of co-infected patients to ensure treatment completion.
- **Diagnostics.** Laboratory investments for TB diagnostics.



Differentiated Service Packages for Adherence/ Retention

Target Population	Service	Community	Facility
Newly Diagnosed	Test & Offer		X
	Fast-track initiation		X
	Adherence counselling and education		X
	Disclosure support		X
	TX_NEW support groups	X	X
	Interactive reminders (SMS, social media apps, CHW call)	X	X
Stable	Decanting Patients	X	
	Adherence Clubs	X	
	2-3 month drug supply		X
	Spaced/Fast Lane Appointments	X	
	Community-based dispensation of ARVS (clubs, PDUs)	X	
	Patient Services through GPs	X	
Unstable patients	Regular appointment reminders until stable	X	X
	Enhanced Adherence Counseling	X	X
	Tracking and Tracing LTFU	X	



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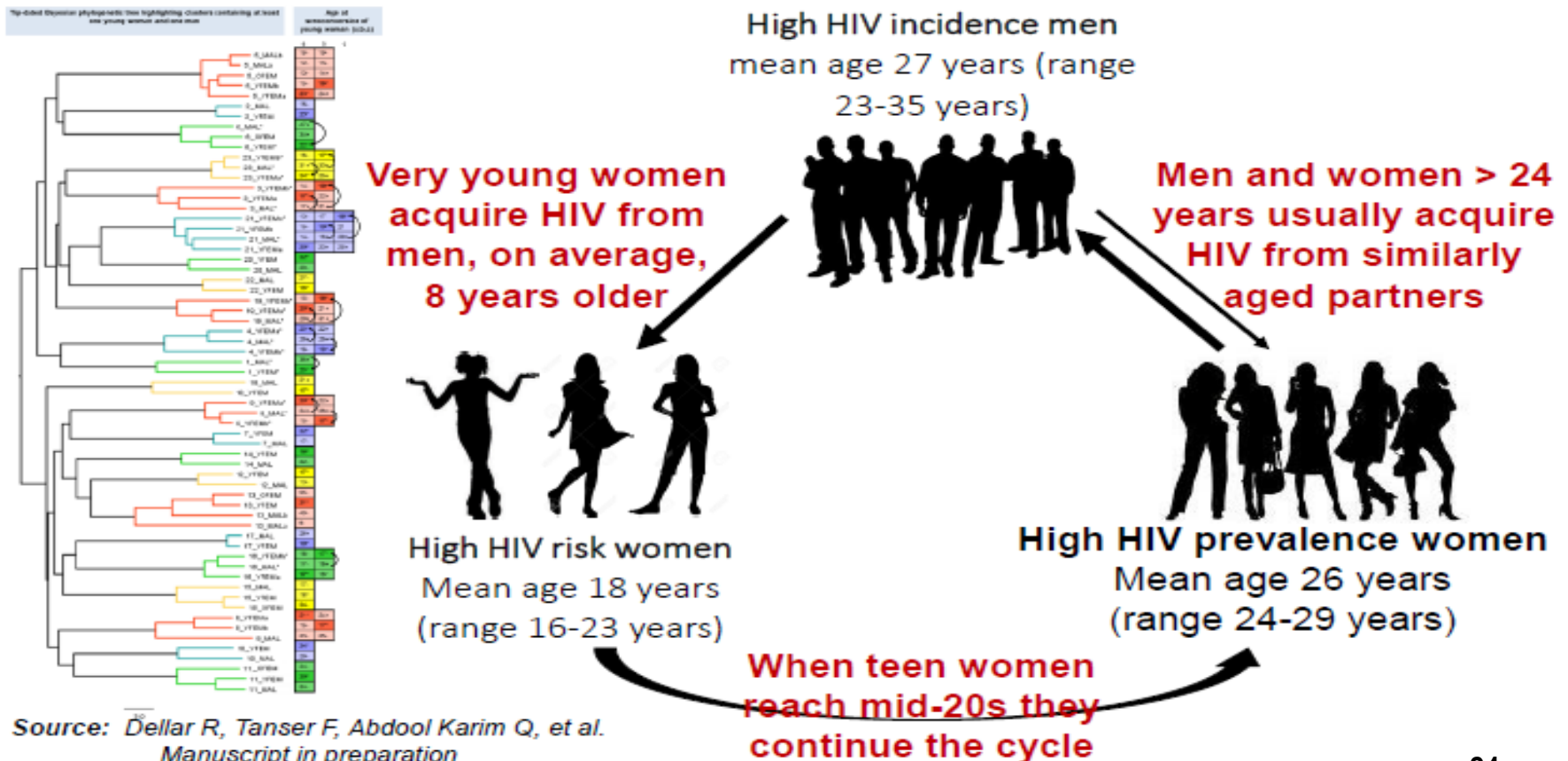
Building Sustainable Community ART Support

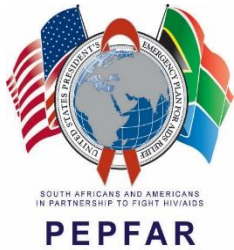
- Home-Based Care Givers to be trained as Community Adherence Club leaders
- Innovative Medication Pick-Up Points
- Online App for R/x Adherence in development



Men: Who is infecting whom?

Africa Centre identified phylogenetically linked HIV transmission networks in Hlabisa





Innovations to Reach Men

(20-40 year olds)

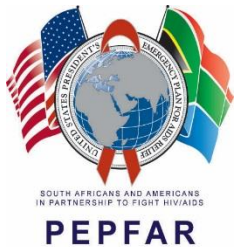


- Partner notification/contact tracing
- Clinic flexi-hours
- Targeting informal settlements and populations
- Testing in key population hot spots and in places where men congregate e.g. farms; workplaces; job-seeking sites; skills training colleges
- Pilots of self-testing with linkage to treatment

Mitigate the Impact of HIV on OVC

- **Support the Department of Social Development National Action Plan for OVC**
- **Prevent HIV infection in the 0-18 age group**
- **Ensure OVC receive appropriate HIV services, including linkages to pediatric treatment**
- **Community-based responses to protect vulnerable and at-risk children (child survivors of abuse and gender-based sexual violence, children living with sick or elderly caregivers)**





Health Systems Strengthening

- **Strengthen supply chain management, including CCMDD**
 - Central Chronic Medicines Dispensing and Distribution
- **Health Management Information Systems Strengthening**
 - Support for Tier.net expansion and integration with Tuberculosis Health Information System and web-based DHIS
 - Linking lab results and clinical files
- **Private Sector Engagement**
 - Contracting private sector health service providers (e.g., General Practitioners)
 - Public Private Partnerships
- **Supporting Epidemiological Information**
 - Key Populations size estimation, mapping, and Integrated Bio-Behavioral Survey

South African Government Partnerships



health

Department:
Health
REPUBLIC OF SOUTH AFRICA

social development

Department:
Social Development
REPUBLIC OF SOUTH AFRICA

basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

national treasury

Department:
National Treasury
REPUBLIC OF SOUTH AFRICA

higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

the doj & cd

Department:
Justice and Constitutional Development
REPUBLIC OF SOUTH AFRICA

correctional services

Department:
Correctional Services
REPUBLIC OF SOUTH AFRICA

defence

Department:
Defence
REPUBLIC OF SOUTH AFRICA

Activities with Other South African Government Organizations



Medical Research Council

- Developing evidenced-based strategies and policies to strengthen national health system capacity and improve linkages to care



Human Sciences Research Council

- Strengthening the HIV/TB response through surveillance and epidemiologic data



National Health Laboratory Service

- Collaboration with NHLS and the National Institute for Communicable Diseases to ensure improved quality of patient care through strengthening laboratory objectives



Council of Scientific and Industrial Research

- TB infection control policies, innovations and implementation



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South Africa DREAMS

Geographic Focus Areas

1. eThekweni
2. uMgungundlovu
3. Johannesburg
4. Ekurhuleni
5. uMkhanyakude

GOAL: 40 % HIV incident reduction over 2 years



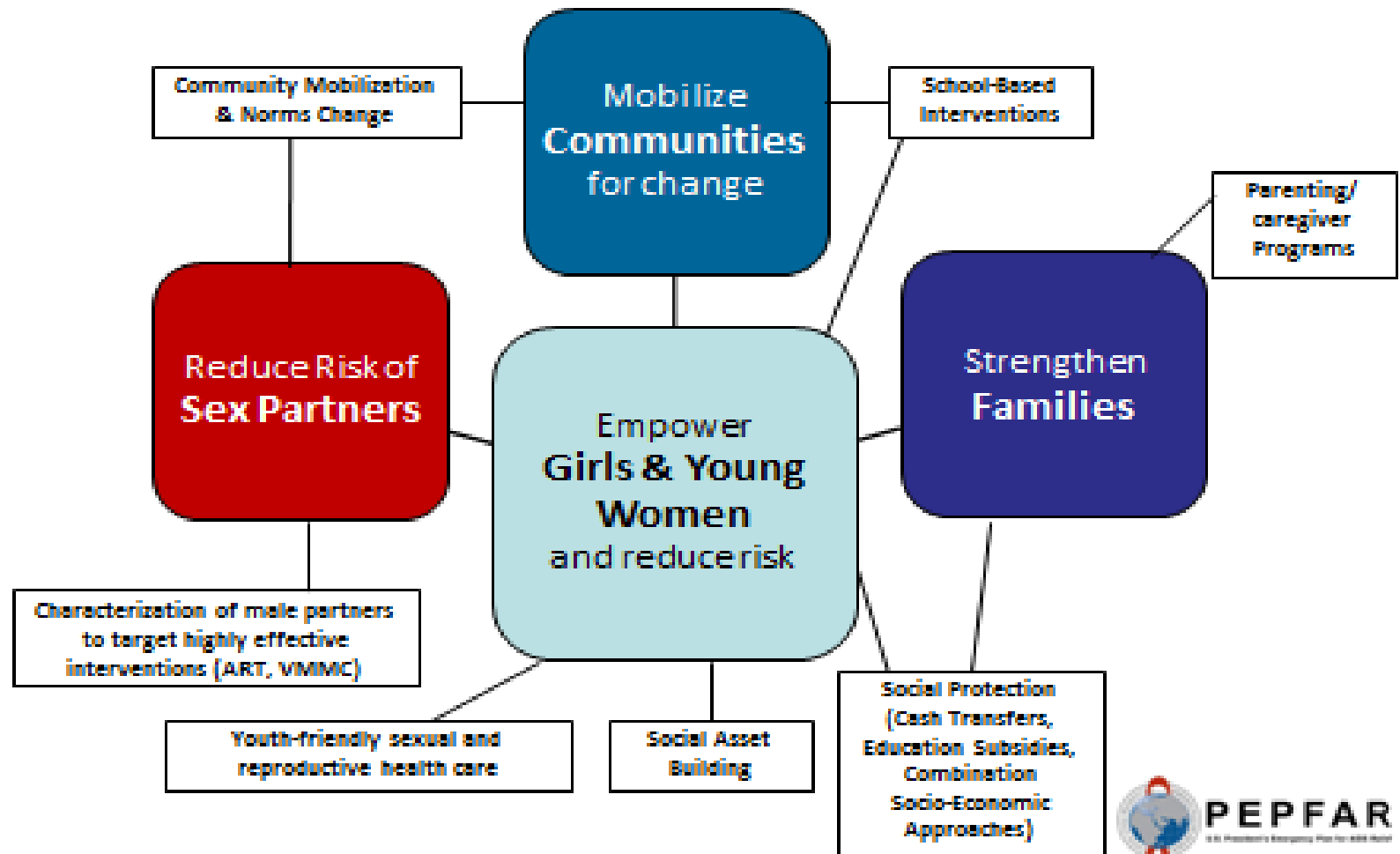
Priority subpopulations/groups

- AGYW in/out of school
- Orphans and Vulnerable Children
- Young Women 20-24, including sex workers
- Male sex partners



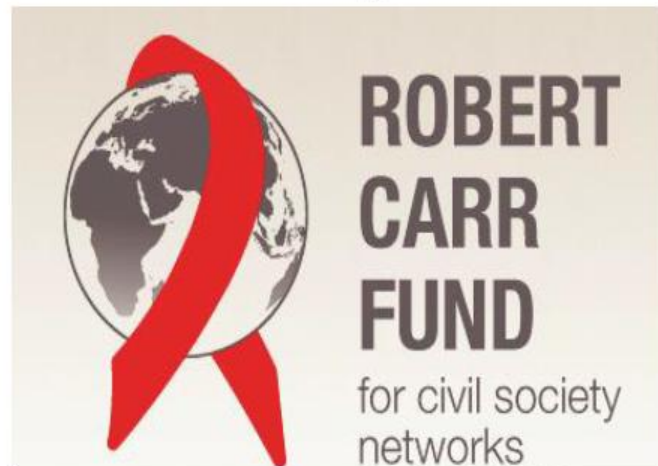
DREAMS Initiative

Core Package of Evidence-Based Interventions HIV & Violence Outcomes



Strengthening Civil Society, including FBOs

- PEPFAR has committed **\$10 million to the Robert Carr Civil Society Networks Fund** over the next three years to build the capacity of civil society
- \$4 million two-year initiative PEPFAR/UNAIDS faith initiative
- PEPFAR with the Elton John AIDS Funds has committed \$10 million to support key population advocacy
- DREAMS innovation Challenge Fund





More Information available at www.pepfar.gov

- PEPFAR Annual Report: available on www.pepfar.gov
<http://www.pepfar.gov/documents/organization/239006.pdf>
- PEPFAR 3.0 : Controlling the Epidemic: and Delivering on the Promise of an AIDS-free Generation
<http://www.pepfar.gov/documents/organization/234744.pdf>
- PEPFAR South Africa
<https://za.usembassy.gov/our-relationship/pepfar/>



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Thank You