



Which Scale Up Strategies/Programmatic Mixes are most Cost-Effective?

Iris Semini UNAIDS May 2018

Outline

- Scaling up for Impact
- Critical Point of the Response
- Choices of strategies
- Accelerating Implementation
- Conclusions



By 2020

By 2030

90-90-90

95-95-95 **HIV** treatment

HIV treatment

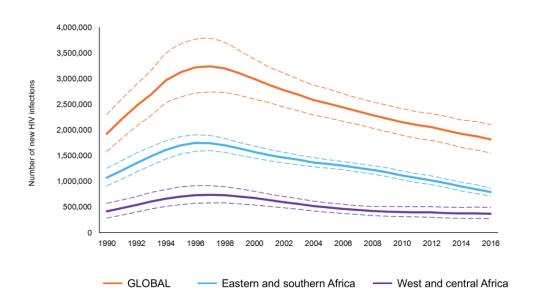
500 000 New adult HIV infections New adult HIV infections

200 000

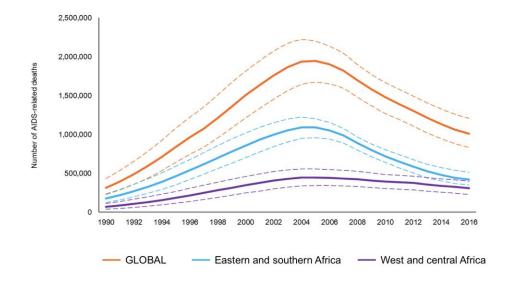
ZERO Discrimination Discrimination

Impact

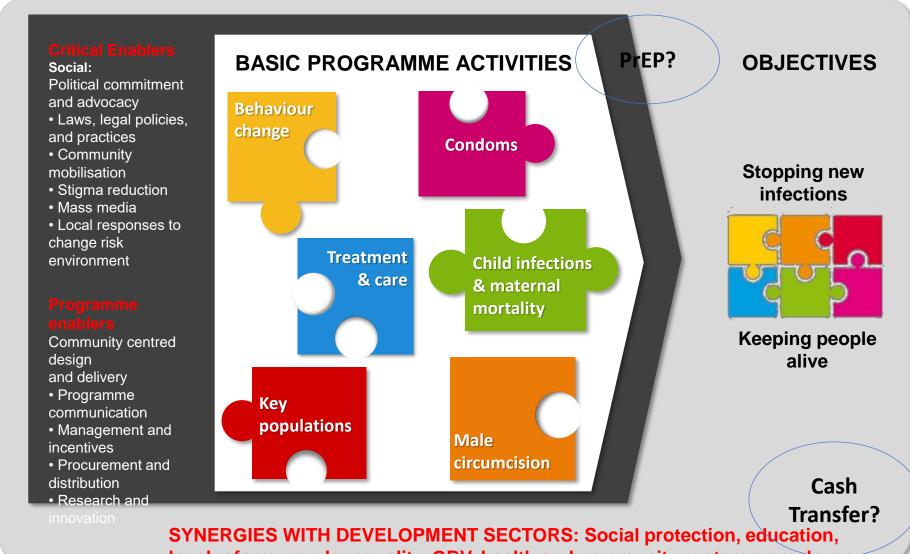
NEW HIV INFECTIONS, 2000–2016



AIDS-RELATED DEATHS, 2000–2016

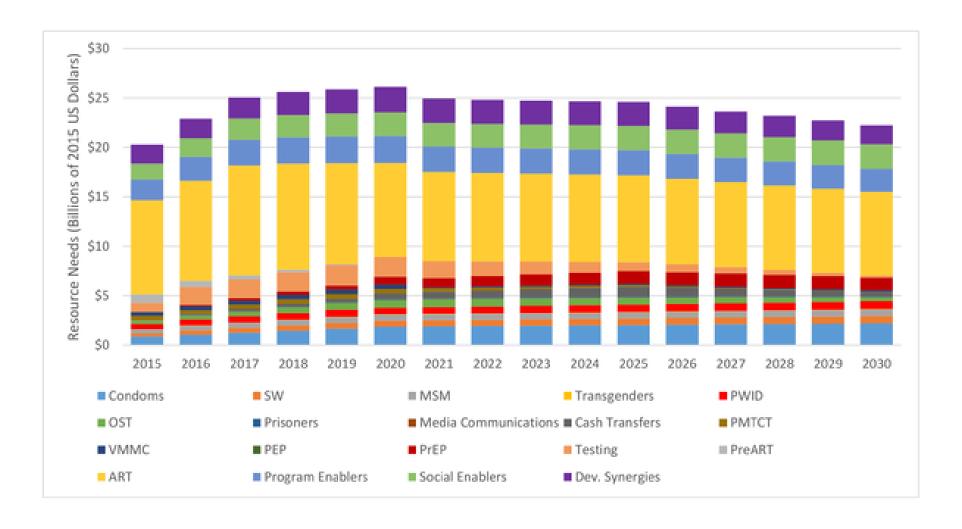


The platform: investing strategically to maximize impact



SYNERGIES WITH DEVELOPMENT SECTORS: Social protection, education, legal reform, gender equality, GBV, health and community systems, employer practices

Investment Approach: Combination of Interventions and Resource Needs by Intervention, 2013–2030.



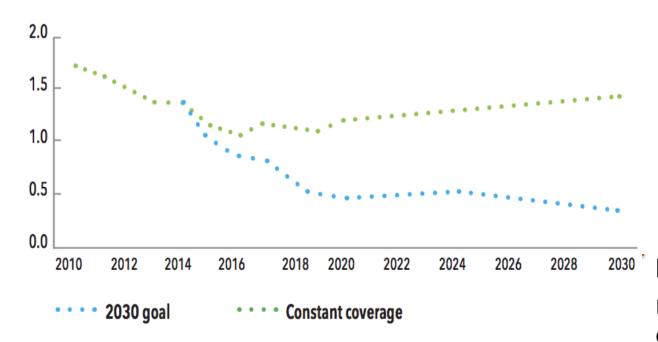
Stover J, Bollinger L, Izazola JA, Loures L, DeLay P, et al. (2016) What Is Required to End the AIDS Epidemic as a Public Health Threat by 2030? The Cost and Impact of the Fast-Track Approach. PLOS ONE 11(5): e0154893. https://doi.org/10.1371/journal.pone.0154893
http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0154893



Investing for Impact: Fast Track the Response

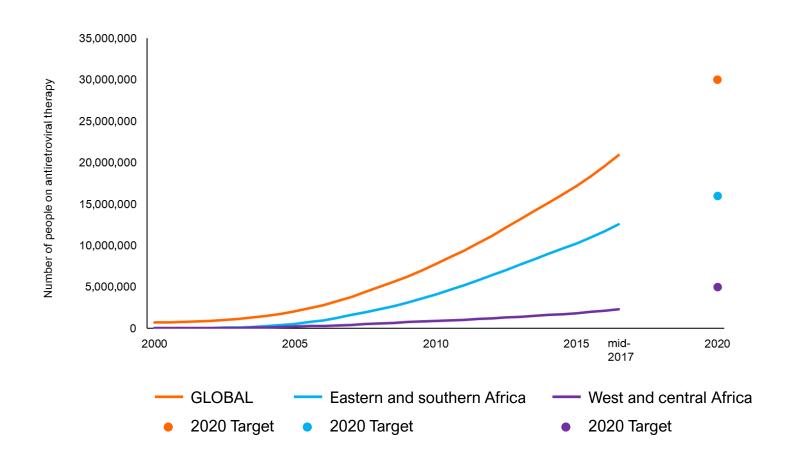
NEW HIV INFECTIONS

MILLION



Fast-Track: Scale up of all interventions to reach Fast-Track targets by 2020 (90-90-90 for ART, PMTCT, VMMC, condoms, key populations, PrEP, social enabling programs, opioid substitution therapy and cash transfers for girls).

NUMBER OF PEOPLE LIVING WITH HIV ON ANTIRETROVIRAL THERAPY, 2000—mid-2017, AND THE 2020 TARGET



90-90-90 treatment for all The power of antiretroviral medicines Saving lives Reducing maternal mortality If antiretroviral therapy is initiated Recent research has shown that early and taken for life, life the provision of antiretroviral expectancy of people living with HIV therapy would avert much of the is thought to be the same as that of maternal mortality that occurs in someone without HIV. the countries with a heavy HIV burden Preventing mother-to-child transmission of HIV Women living with HIV can Preventing HIV improve their health and prevent transmission among their children from HIV infection serodiscordant couples by taking antiretroviral medicines People who are living with HIV and during pregnancy and for the rest achieve viral suppression have a of their lives. lower risk of transmitting HIV to their uninfected sexual partner. Post-exposure prophylaxis for averting HIV infection A short course of anti-Reducing the number of retroviral therapy is effective children becoming orphans for averting HIV infection caused As antiretroviral therapy increases by accidental exposure to HIV or the survival of adults, fewer exposure during unprotected sex. children are becoming orphans. The burden of home-based care which often fell on young girls, has declined and children are able to Restoring respect and dignity return to school. to people living with HIV Access to antiretroviral therapy has in some places reduced the stigma of HIV and lessened the discrimination people living with HIV Restoring employment face in many settings. HIV treatment People receiving HIV treatment has helped to normalize HIV, which have regained their strength and is no longer considered good health, ending prolonged a death sentence. absenteeism from work. Pre-exposure prophylaxis for Preventing tuberculosis (TB), people at higher risk TB-related deaths and TB transmission of acquiring HIV can lower this People who are living with HIV and risk by taking a combination of taking HIV treatment lower their risk of developing TB disease. antiretroviral medicines as a pre-exposure prophylaxis. Antiretroviral medicines improve the effectiveness of TB treatment. reduce TB-related mortality and cut

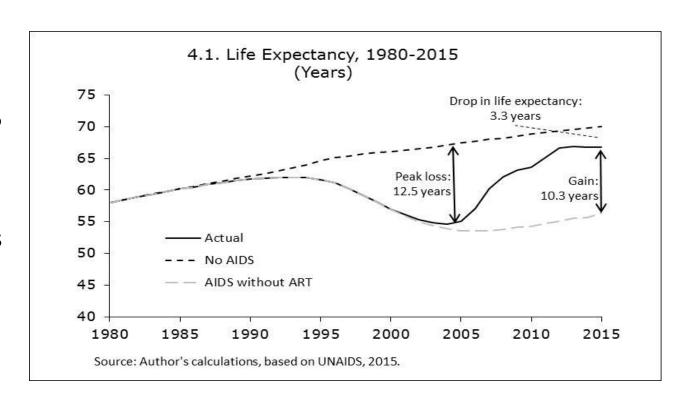
the risk of transmitting TB to others

Increasing Evidence on What Works

Intervention	Effect	Effect size	Cost
ART:			
 Community adherence 	Increase adherence	50% reduction	
 Home-based ART 	Increase ART uptake	RR = 2.75	
Adherence clubs	Reduce drop-outs Increase adherence	HR = 0.43 HR = 0.33	
CHW promote adherence	Increase adherence	OR = 1.22	
• mHealth	Increase adherence	RR = 0.77	\$20/p/y
HTC:			
Partner testing	Increase uptake	Double	
Community testing	Increase uptake	Triple	
 Workplace testing 	Increase uptake	RR = 2.8	\$8-\$33 per person
Sex workers:			
Community empowermentViolence prevention	Increase condom use Increase condom use	OR = 3.27 OR = 1.49	\$80/p/y for community empowerment
PMTCT • Option B+	Reduce MTCT rate	Reduce from 8.6% to 4.9%	
Critical enablers Cash transfers	Reduce number of partners	25%	
 Mass media 	Delay sexual debut	1 year delay	
 School AIDS education 	Increase condom use	15%	
 Community mobilization 	Delay sexual debut	1 year delay	
	Increase condom use	20%	\$2/student/year
	Increase condom use	11%	\$5/person/year

2016 Namibia Investment Case: Invest on HIV response for better health

- Investments on HIV response have improved health outcomes
- Cost Effective: HIV response prevents a death at a cost of about US\$ 20,000, or a cost per life year saved at about US\$ 1,000 - one-sixth of GDP per capita
- Behavior change and the public ART program has been an investment in social equity: providing access to those who would have not benefited if public investments on HIV response were not made

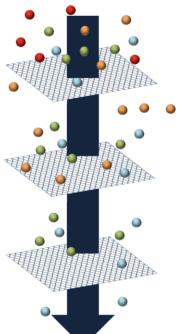


Source: MOH, 2016 Namibia HIV Investment Case





REFERENCE REPORT



Interventions, efficiency factors, enablers and synergies suggested by stakeholder consultation



Available evidence (working groups)



Good quality of evidence (working groups/ consultants)



Good quality of evidence (modellers); ability to be modelled

- 24 HIV interventions, 3 TB intervention groups
- 9 efficiency factors
- 13 enablers and development synergies



What combination of interventions will give the highest impact?





17

South Africa Investment Case: Rigorous Selection of Interventions

Intervention		
Condom availability (90%)	AFFORDABLE UNDER	
MMC (90%)		
SBCC campaign 1 (90%)	CURRENT BUDGET	
MMC age group targeting		
Testing at 6 weeks (90%)	Budget in 2016/17	
ART at current guidelines (85%)	ZAR 21.7 billion	
PMTCT B+ (60%)		
HCT (90%)		
SBCC campaign 3 (90%)	90/90/90 TARGETS	

Critical enablers

- Community-based GBV intervention (SASA!)
- · HIV prevention for alcohol and drug users
- Alcohol counselling in STI clinics
- Parental monitoring
- School feeding
- Positive parenting
- Teacher support

Synergies

- Pharmacovigilance
- · Supply chain reforms
- Supporting orphan girls to stay in school
- School based HIV/STI risk reduction
- State-provided child-focused cash transfers
- Vocational training for adolescent girls

Enablers that are part of baseline

- NIMART (80% coverage by 2016/17)
- Defaulter tracers, SMS systems
- Community mobilisation/ demand creation for almost all interventions (MMC, HCT, PrEP, microbicides)
- · Included SBCC as interventions

ART efficiency factors

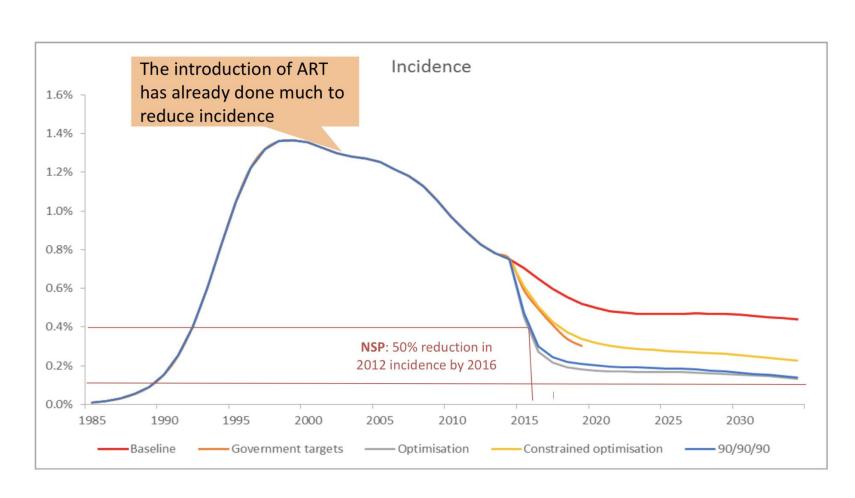
- Adherence clubs
- Home-based ART
- Point-of-care CD4
- GP down referral
- Community-based adherence supporters

HCT efficiency factors

- Mobile HCT
- Home-based HCT
- Workplace HCT
- PICT
- HCT invitations to pregnancy partners

Universal test and treat (90%)

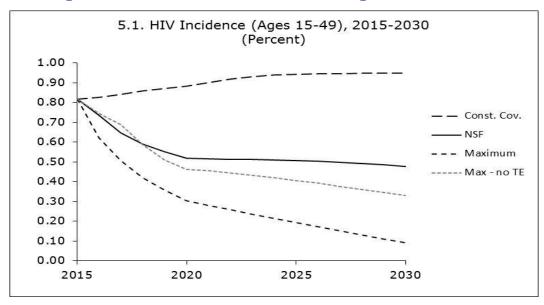
South Africa HIV and TB Investment Case, 2016

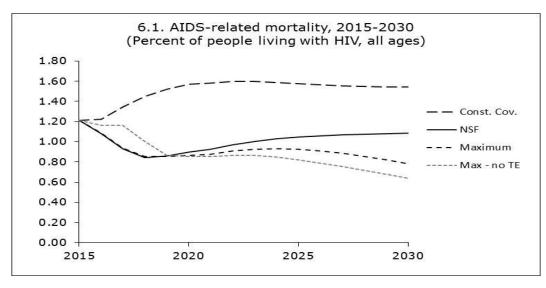


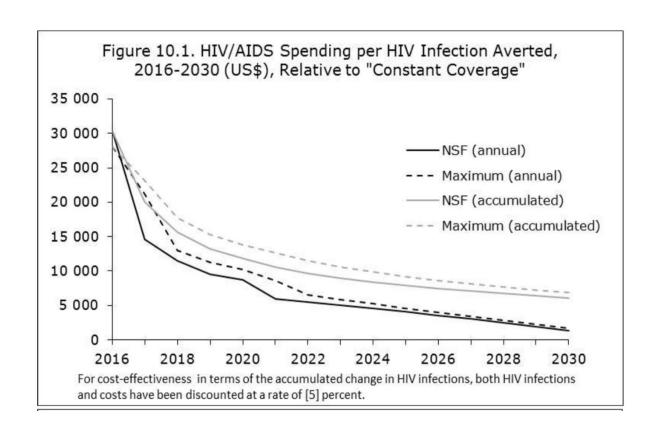
Government Policy is already efficient but it can be improved:

- Increase condom availability
- Increase access to male medical circumcision
- Implement social behavior change as part of the program interventions
- Increase HIV testing uptake for adolescent
- Use the money saved to scale up ART

Impact on HIV Epidemic: 2016 Namibia Investment Case



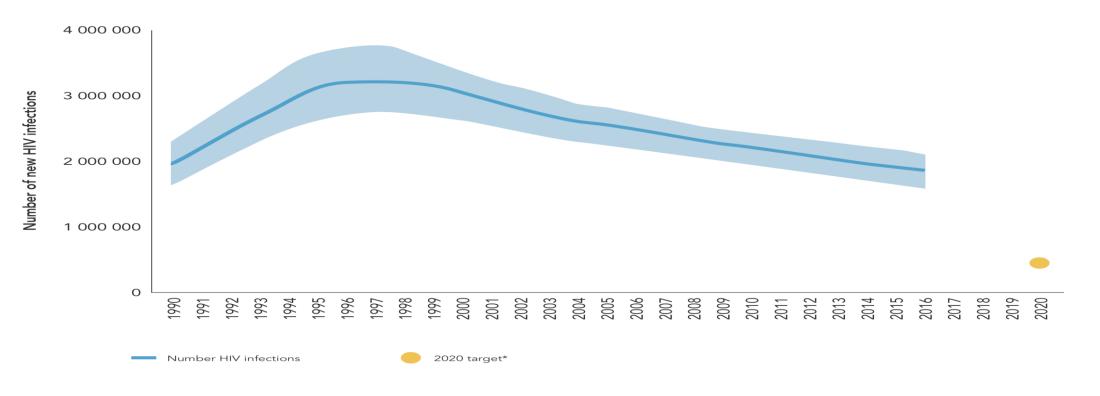






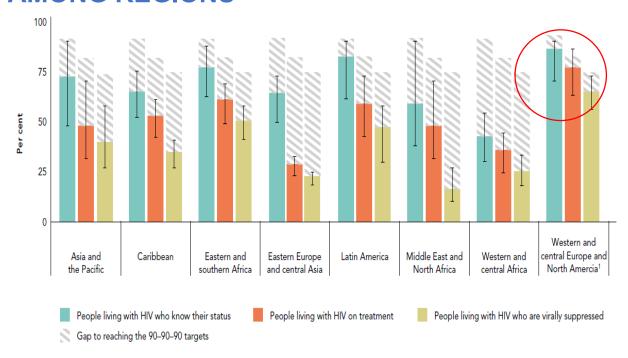
Critical Point of the Response

REDUCTIONS IN NEW INFECTIONS ARE OFF TARGET



Source: UNAIDS 2017 estimates

TREATMENT CASCADE PROGRESS VARIES AMONG REGIONS



KNOWLEDGE OF HIV STATUS, TREATMENT COVERAGE AND VIRAL LOAD SUPPRESSION, BY REGION. 2016

Comparison of HIV testing and treatment cascades by region reveals different patterns of progress. Western and central Europe and North America are approaching global targets. Latin America and eastern and southern Africa show high levels of achievement across the cascade. Eastern Europe and central Asia, the Middle East and North Africa, and western and central Africa are clearly on track.

Source: UNAIDS special analysis, 2017; see annex on methods for more details.

SLOWING SCALE-UP OF PAEDIATRIC TREATMENT

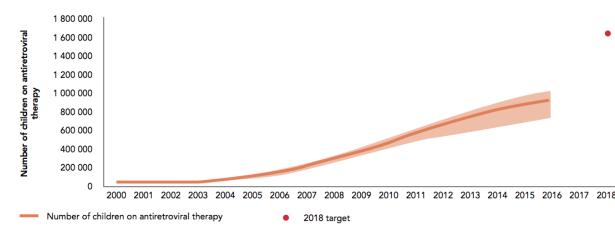


FIGURE 3.13. NUMBER OF CHILDREN AGED O-14 YEARS ACCESSING ANTIRETROVIRAL THERAPY, GLOBAL, 2000-2016 PLUS 2018 TARGET

Source: UNAIDS 2017 estimates. Global AIDS Monitoring, 2017.

TREATMENT COVERAGE LOWER AMONG MEN

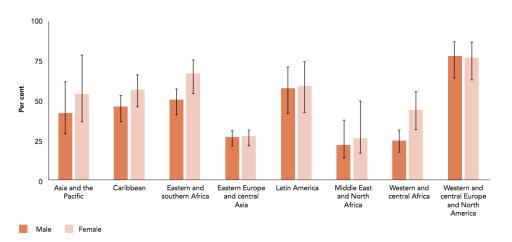


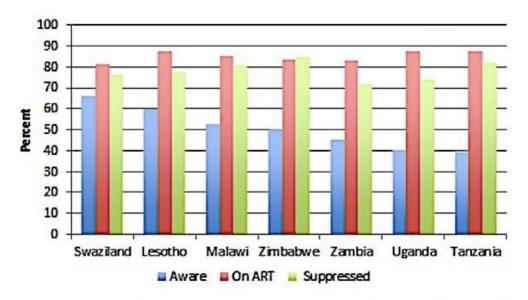
FIGURE 3.17. ANTIRETROVIRAL THERAPY COVERAGE AMONG ADULTS LIVING WITH HIV AGED 15 YEARS AND OLDER, BY SEX, BY REGION, 2016

Source: Global AIDS Monitoring, 2017. UNAIDS 2017 estimates.

¹ Cascade for the western and central Europe and North America region is for 2015.

Focus on Young People

Progress to 90/90/90 in 15 to 24 year olds



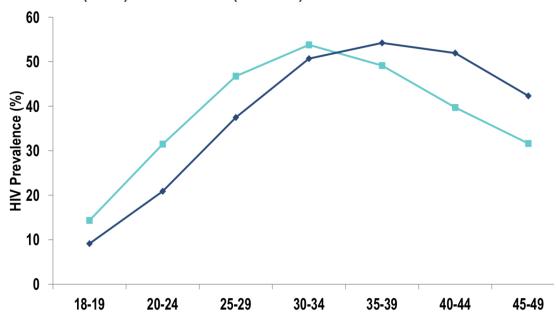
Note: Results based on self-report of HIV awareness and ART status (plus ARV testing in Malawi and Zambia), and on viral load testing.

Source: PEPFAR PHIA

Adolescent Girls and Young Women

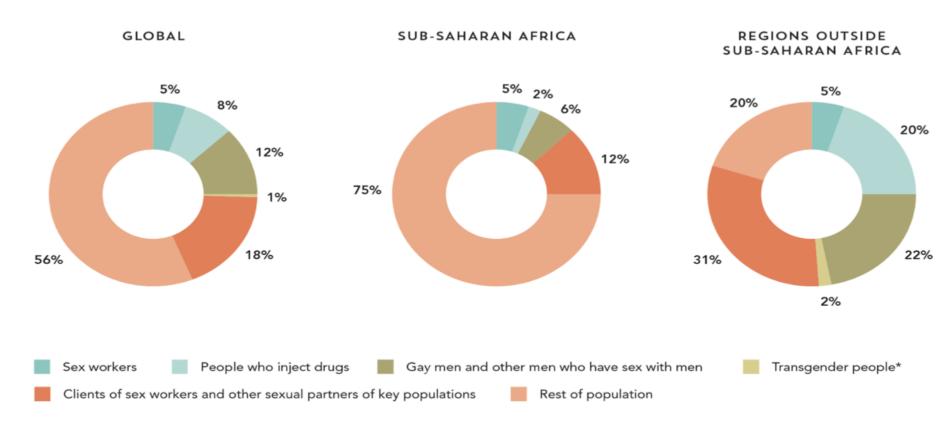
Swaziland Trends: HIV Prevalence Among Women 18-49 Years by Age,

SHIMS 1 (2011) vs. SHIMS 2 (2016-17)



Source: Swaziland PHIA

Key Populations



DISTRIBUTION OF NEW HIV INFECTIONS, BY POPULATION, GLOBAL, SUB-SAHARAN AFRICA AND COUNTRIES OUTSIDE OF SUB-SAHARAN AFRICA, 2015

Source: UNAIDS special analysis, 2017.

*Only reflects Asia and the Pacific, Latin America and Caribbean regions.

Stigma

A major barrier to access services across countries

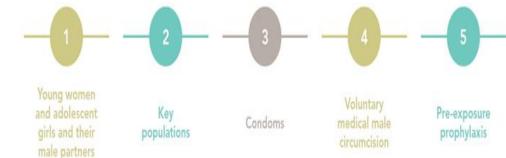
 Key Elements of stigma identified along the prevention and the treatment cascade

Stigma in the healthcare setting is pervasive

Scaling up for Impact?

- We are at a critical point of the response a people centred approach
- The Investment Approach application is relevant: it is a combination of programme package with interventions that address barriers that will have the highest impact
- Data: Mapping the gaps will require granular analysis of who is left behind, why is left behind
- Geography and Population: young people, key populations, men
- Combination of interventions that will give the highest impact for that particular gap to be developed and implemented with communities
- Accelerate Quality Implementation: policies that remove barriers to services, resources and adapt quickly to epidemic dynamic and response

Combination preventiontargets for 5 pillars by 2020



HIV prevention among adolescent girls and young women

Putting HIV prevention among adolescent girls and young women on the Fast-Track and engaging men and boys



Condoms

The prevention of HIV, other sexually transmitted infections and unintended pregnancies



UNAIDS 2015 | REFERENCE

QUESTIONS AND A



Programmes with Sex Workers

World Health Crganization & UNAIDS IN The Navy



FAST-TRACKING

TOWARDS REDUCING NEW HIV INFECTIONS TO FEWER THAN 500 000 BY 2020









Implementing Comprehensive

People Who Inject Drugs PRACTICAL GUIDANCE FOR COLLABORATIVE INTERVENTIONS

HIV and HCV Programmes with











HIV and STI Programmes with

Men Who Have Sex with Men









A FRAMEWORK FOR **VOLUNTARY MEDIC**

MALE CIRCUMCIS

VMMC

- Cost-effective
- Targeted to young men
- 14 countries

VOLUNTARY MEDICAL MALE CIRCUMCISION NEEDS A BOOST IN KEY COUNTRIES

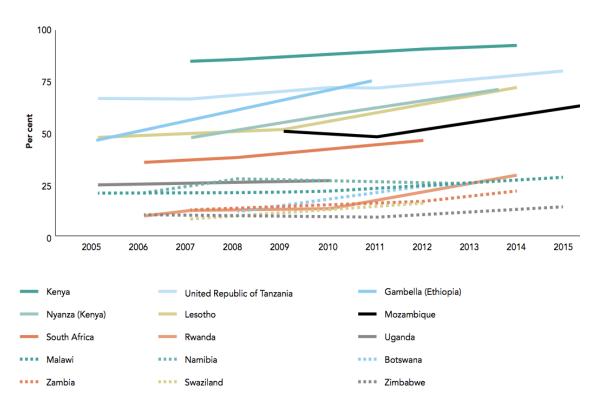
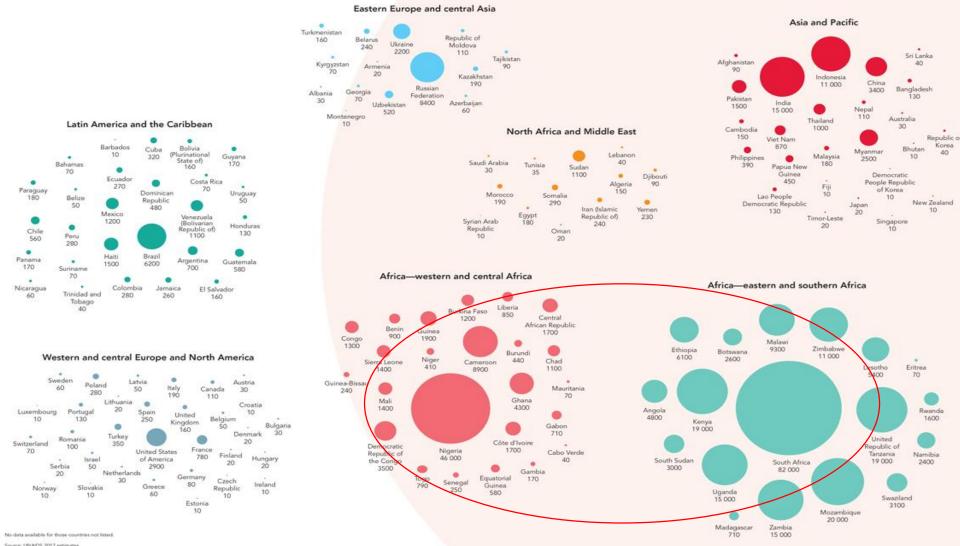


FIGURE 5.5. PREVALENCE OF MALE CIRCUMCISION (AGED 15-49), 14 PRIORITY COUNTRIES, 2005-2015

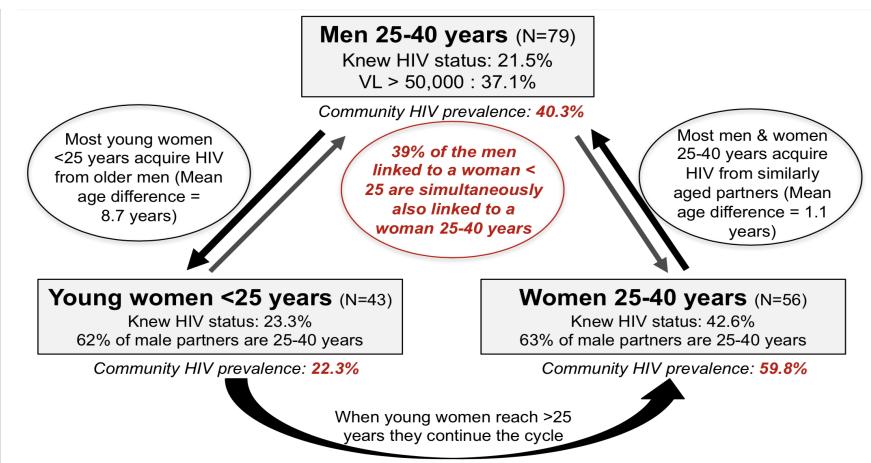
Source: Population-based surveys, 2005–2015.

350,000 New Infections among girls & young women, 15-24 years, in 2015

More than two/third occur in Eastern and Southern Afirca



A response targeted to the cycle of transmission





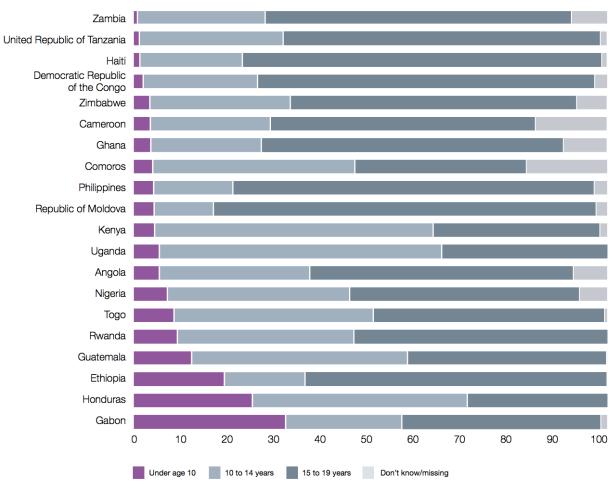
Empower the young women and girls

 Early sexual debut and sexual violence are associated with each other and with risk for HIV

Address Gender-based violence

Education has positive impact

15 million adolescent girls have experienced sexual violence



Percentage distribution of girls aged 15 to 19 years who ever experienced forced sex, by age at first incident

Notes: These data need to be interpreted with caution since there are significant proportions of girls who could not recall the exact age at which they first experienced forced sex and of missing data overall in many countries. Only those countries where the proportion of 'don't know/missing' was less than 20% are included in the chart. Data for Comoros, Ethiopia and Kenya are based on 25 to 49 unweighted cases.

Source: UNICEF global databases, 2017, based on DHS, 2005-2016

Community-mobilization approaches work

SASA! - "NOW" – Kampala, Uganda

Community mobilization intervention to reduce:

- attitudes towards gender roles and norms
- levels of intimate-partner violence (IPV)
- HIV-related behaviours
- community responses to violence against women.
- The primary trial outcome: experience of physical IPV with an estimated 1201 cases averted (90 % CI: 97–2307 cases averted).
- The estimated cost per case of past year IPV averted was US\$460.



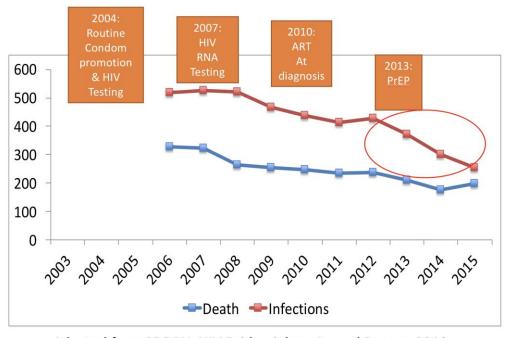
Source: Strive Consortium



- Targeted: Since 2015, PrEP is recommended by the WHO for populations at 'substantial risk' of HIV
- From efficacy trials to implementation requires to adapt interventions

STUDY AND POPULATION	PROTECTIVE EFFECT OF PREP–ALL STUDY PARTICIPANTS	PROTECTIVE EFFECT AMONG PARTICIPANTS WITH HIGHER ADHERENCE
Heterosexual men and women (Partners PrEPs; TDF-2 studys): Botswana, Kenya and Uganda	62% – 76%	Up to 90%
Gay men and other men who have sex with men (iPrEX study ⁷): Brazil, Ecuador, Peru, South Africa, Thailand and the United States	44%	90%
People who inject drugs (Bangkok Tenofovir Study ⁸)	49%	75%
FEM-PrEP ⁹ : heterosexual women in Kenya, South Africa and the United Republic of Tanzania	<30% adherence, no effect	<30% adherence, no effect
VOICE ¹⁰ heterosexual women in South Africa, Uganda and Zimbabwe	<30% adherence, no effect	<30% adherence, no effect

Declining Epidemic Trends in San Francisco: likely PrEP contribution



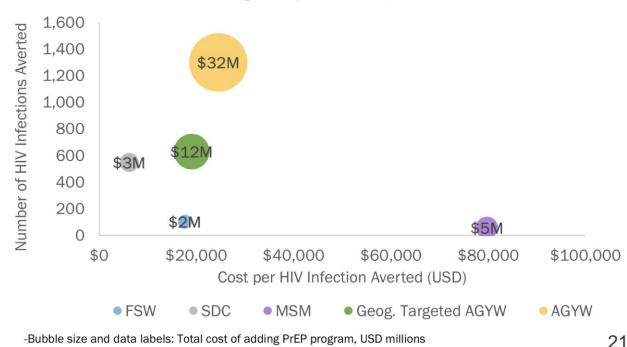
Adapted from SF DPH, HIV Epidemiology Annual Report, 2016

The number of people using PrEP to prevent HIV is now thought to have risen to around 120 000 people, the majority in the United States of America.



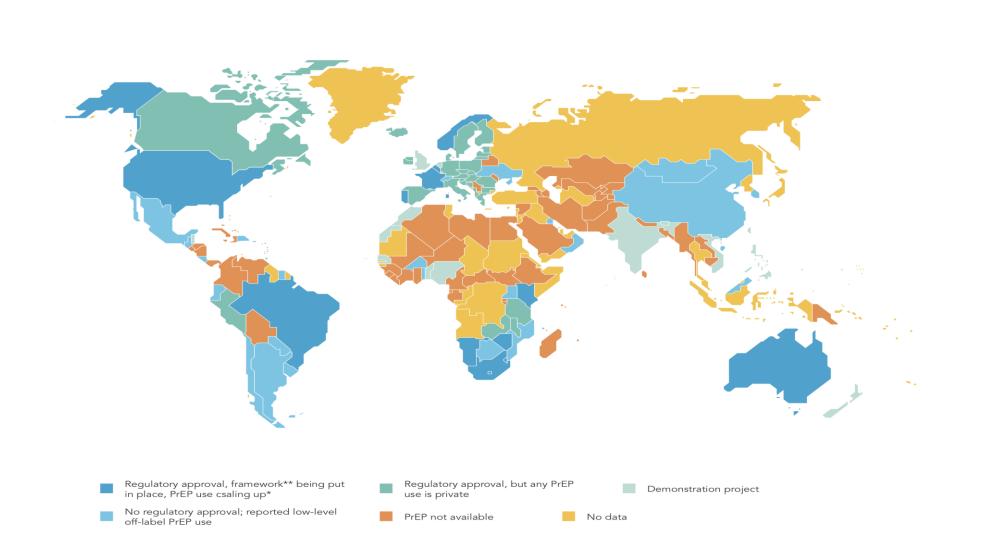
- Rolling out oral PrEP progressively to broader sub-populations based on risk and geography affect the impact, costeffectiveness, and total cost of the programme
- The impact, cost, and cost-effectiveness vary by risk group (FSW, SDCs, MSM, PWID. AGYW, AM)
- Varying unit cost of oral PrEP by risk group affect the impact and cost-effectiveness of oral PrEP
- Level of adherence by risk group would affect the impact and CEA of oral PrEP

Cost-Effectiveness, HIV Infections Averted, and Total Cost of PrEP Program by Risk Group, 2018-2030



Illustrative Modelling in a high prevalence country – assume that the country achieves 90-90-90

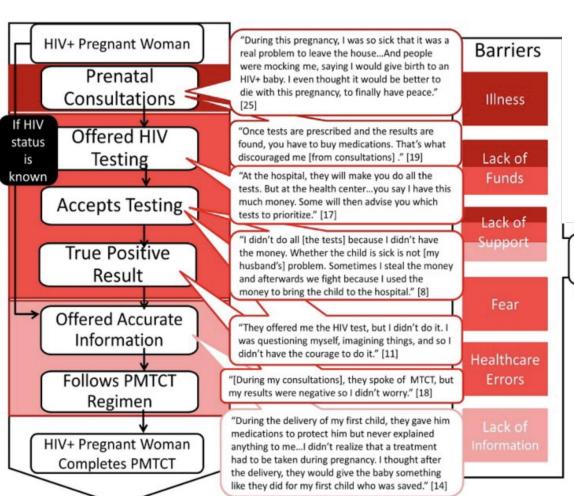
Policies: Availability of pre-exposure prophylaxis, by country, 2017

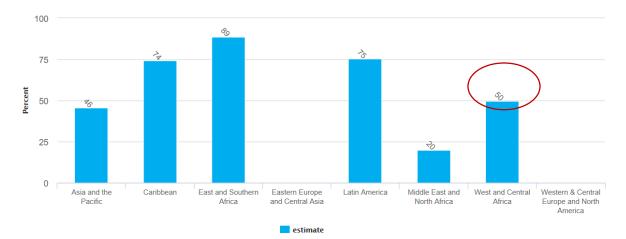


Policies Matter: The negative Impact of User

Fees

Coverage of pregnant women who receive ARV for PMTCT - by region





Source: UNAIDS Estimates 2017; Global AIDS Monitoring 2017

No PMTCT

Testing – achieving the first '90

ADVANCED HIV AND THE CARE CASCADE IN THE BOTSWANA COMBINATION PREVENTION PROJECT BACKGROUND CONCLUSIONS were HIV-infected, 2,706 (26%) of whom were not on ART and Individuals starting antiretroviral treatment (ART) wit were referred for HIV care. Of the 2,569 who had a point-ofenty percent of HIV-infected individuals not on AR advanced HIV-disease (defined by the WHO as CD4 the community had advanced HIV-disease (CD4 ≤200 count ≤200 cells/µL) may have higher rates of early care CD4 test, 521 (20%) had CD4 \leq 200 cells/µL attrition from care due to HIV-related morbidity and Men were more likely to have a CD4 count ≤200 cells/µL (24% of men vs 18% of women, OR 14, 95% CI 1.1-1.8). The media community residents not on ART with did not decline over time despite We determined the burden of advanced HIV-disease in nd linkage activities. community residents not already taking ART, and **Botswana** evaluated the impact of advanced HIV disease on oed disease had lower rates of linkage treatment linkage and retention in a routine clinical ates of ART initiation, lower levels of setting in Botswana. and higher mortality compared to **METHODS** 1 in 5 people in community The Botswana Combination Prevention Project (BCPP) is a cluster-randomized trial evaluating the impact of a combination n of all HIV-infected persons, as well prevention package on HIV incidence in 30 trategies to support individuals with not on ART had advanced rural and semi-urban communities i ease to ensure rapid linkage to ART ation, and good retention in care in This sub-analysis of the 15 intervention communiti compares rates of: linkage to care, ART initiation, **HIV** disease · retention in care, and virological suppression in patients identified through community testing between November 2013 and May 2016 with CD4 counts ≤200 cells/uL versus those with CD4 counts > 200 cells/uL Had a viral Load Test Viral Suppression (<40) tswana Ministry of Health and Wellnes Tebelopele Counseling and Testing Cente At time of data censoring in November 2017. At this time point 492 (94%) th CD4 <200 cells/µL and 1,551 (96%) with CD4 > 200 cells/µL had linked 1,259 (98%) CD4 in the community at the time of community testing. Harvard Chan School of Public Health 0.05); 453 (87%) with CD4 <200 cells/µL and 1,443 (90%) with CD4 > 20 s/µL had initiated ART (p=0.08); and 409 (79%) with CD4 <200 cells/µL and otswana-Harvard Partnership Patients were eligible for ART if CD4 counts were ≤500 Botswana BCPP Participants cells/µL or viral load ≥10,000 copies/ml. Data were 368 (85%) with CD4 > 200 cells/µL, were retained in care (p=0.001). censored at the end of November 2017.

THE HIV TESTING AND TREATMENT CASCADE

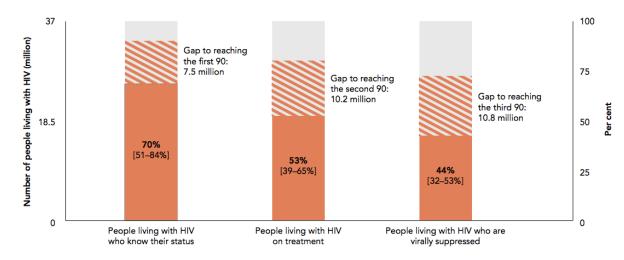


FIGURE 3.4. KNOWLEDGE OF HIV STATUS, TREATMENT COVERAGE AND VIRAL LOAD SUPPRESSION, GLOBAL, 2016

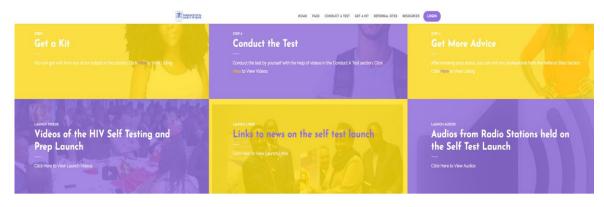
Source: UNAIDS special analysis, 2017; see annex on methods for more details.

Testing – achieving the first '90

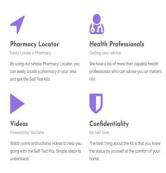
- Several testing modalities that need to be targeted/selected and implemented driven by specific epidemiology and barriers to access – who is not tested
- Traditionally fragmented HTC models vs an integrated HTS model
- Ensure quality rapid HIV testing service delivery with accurate results
- Develop tools to support testing for partners and family of index patients
- Testing for key populations is part of the package tailored to their needs
- Explore innovative approaches for reaching young people, and men with HIV self-testing, multi-disease campaigns, and targeting male-friendly venues

Linkages: HIV self-testing and PrEP

Be Self Sure - Kenya



With
Thousands
of HIV
Infections
Every Year,
it is safe to
know your
status.
Be Self Sure!



Effect of HIV self-testing on sexual partner numbers for Zambian female sex workers*

- No effect (increase or decrease) on condom use.
- Evidence was based on self-report, but findings similar to previous findings that HIVST does not increase sexual risk behaviours
- Suggests that HIVST may have additional benefits

 esp with regular partners.

*Oldenburg et al.2018. (Katz 2015; Jamil 2017; Wang 2017)

Better testing in ANC - & maybe reaching out men?

Female HIV acquisition per sex act is elevated in late pregnancy/postpartum

Relative risk of HIV acquisition	Base Model*		Adjusted Model**	
Reproductive Stage	RR (95% CI)	p-value	RR (95% CI)	p-value
Non-pregnant / postpartum	1.00		1.00	
Early pregnancy through postpartum	4.97 (2.95, 8.38)	<0.001	2.76 (1.58, 4.81)	<0.001
Early pregnancy	3.20 (1.24, 8.25)	0.02	2.07 (0.78, 5.49)	0.14
Late pregnancy	5.54 (2.62, 11.69)	<0.001	2.82 (1.29, 6.15)	0.01
Postpartum	7.80 (3.04, 20.02)	<0.001	3.97 (1.50, 10.51)	0.01

^{*}Adjusted for condom use, reproductive stage

"Adjusted for condom use, reproductive stage female age, active PrEP use, HIV RNA of Heffron et al Partners in Prevention HSV/HIV Transmission Study abstract #

Repeat HIV testing during pregnancy in Kenya: an economic evaluation Rogers et al abstract #1147

- Late pregnancy repeat HIV testing cost effective in Kenyan \$1,098/QALY - 757 averted perinatal HIV transmissions and 208 reduced maternal and child deaths.
- Model did not consider potential horizontal HIV transmissions averted, use of additional interventions during labour to reduce transmission. These omissions possibly rendered estimates conservative.

In higher incidence settings greater benefit likely

Community-based approaches work

Impact of community-based HIVST distribution on demand for ART in Zimbabwe

Data from 144 ART clinics

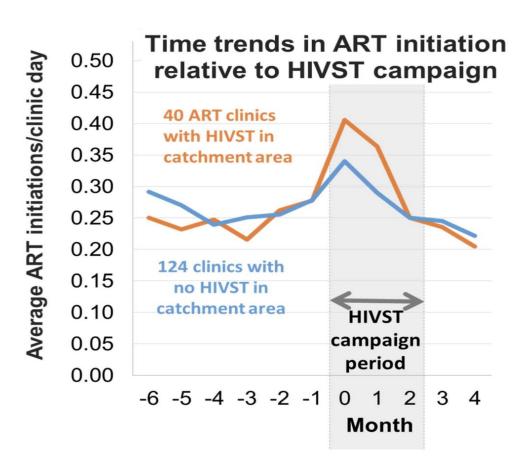
- 40 serving the 38 HIVST communities (3,138 initiations)
- 124 comparison (9,670 initiations)

Difference-in-differences in rate of ART initiation by HIVST in catchment area

During HIVST: Adj. RR 1.27 (1.14-1.43)

After HIVST: Adj. RR 1.00 (0.87-1.15)

Sibanda et al abstract #150LB



Key Populations

Proven Approaches for Key Populations

Target by 2020 90% Access to Tailored Prevention and Treatment Services

Acceptability of services is a key element for effectiveness innovative,

Tailored, community-led approaches

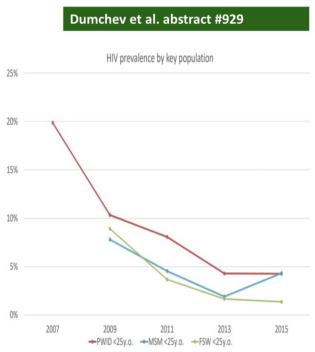


Scale Matters

National trends in HIV prevalence in 3 KP in Ukraine

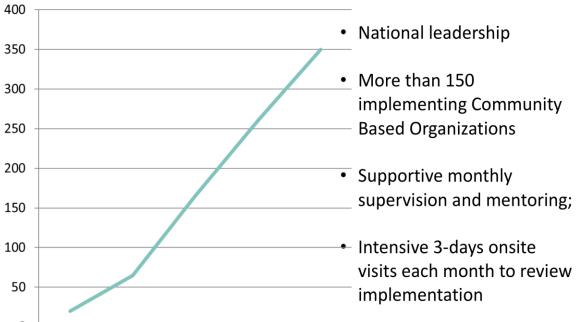
Pooled analysis of 4 nationallyrepresentative IBBS surveys → confirmed the decreasing trend in HIV prevalence in PWID and FSW, suggesting:

- ↓PWID HIV due to "massive harm reduction program" supported by GF covering >60% of est PWID nationally
- \$\sqrt{\text{in FSW HIV also due to prevention}}\$
- recent increase in MSM, esp younger subgroup, may indicate a new wave of noninjection related transmission



Systematic scale up: India Sex Worker program

No. of female sex workers contacted through outreach (in thousands) 8 •



Quarterly grading of

implementers

PrEP and early ART for female sex workers in South Africa

PrEP for HIV-negative SWs; early ART for HIV-positive SWs.

- 947 SWs seen in clinic → 692 were HIV tested → HIV prevalence 49%.
- Among those returning to clinic after testing and confirmed clinical eligibility
 - 98% took PrEP (219/224) 22% seen at 12m
 - 94% (139/148) early ART 60% seen at 12m
- Little change in consistent condom use or # sex partners (high levels condom use with clients; low use with main partners)
- No seroconversions on PrEP; 7 virological failures on early ART
- Total cost of service delivery \$126 for PrEP and \$406 for early ART per person-year

TREAT ALL

High Coverage of ART Associated with Decline in Risk of HIV Acquisition in Rural KwaZulu-Natal, South Africa



Frank Tanser, 1* Till Bärnighausen, 1,2 Erofili Grapsa, 1 Jaffer Zaidi, 1 Marie-Louise Newell 1,3



Use of antiretroviral therapy in households and risk of HIV acquisition in rural KwaZulu-Natal, South Africa, 2004–12: a prospective cohort study

Alain Vandormael, Marie-Louise Newell, Till Bärnighausen, Frank Tanser

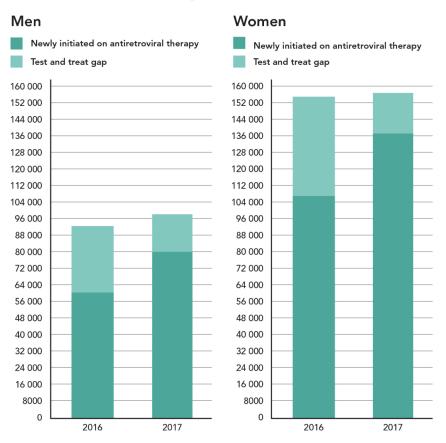
Antiretroviral Therapy to Prevent HIV Acquisition in Serodiscordant Couples in a Hyperendemic Community in Rural South Africa &

Catherine E. Oldenburg ☒, Till Bärnighausen, Frank Tanser, Collins C. Iwuji, Victor De Gruttola, George R. Seage, III, Matthew J. Mimiaga, Kenneth H. Mayer, Deenan Pillay, Guy Harling

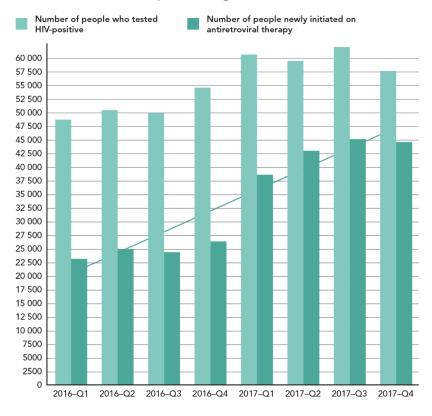
Clinical Infectious Diseases

Test and Treat all

Test and treat in Uganda



Test and treat quarterly trend in Zambia

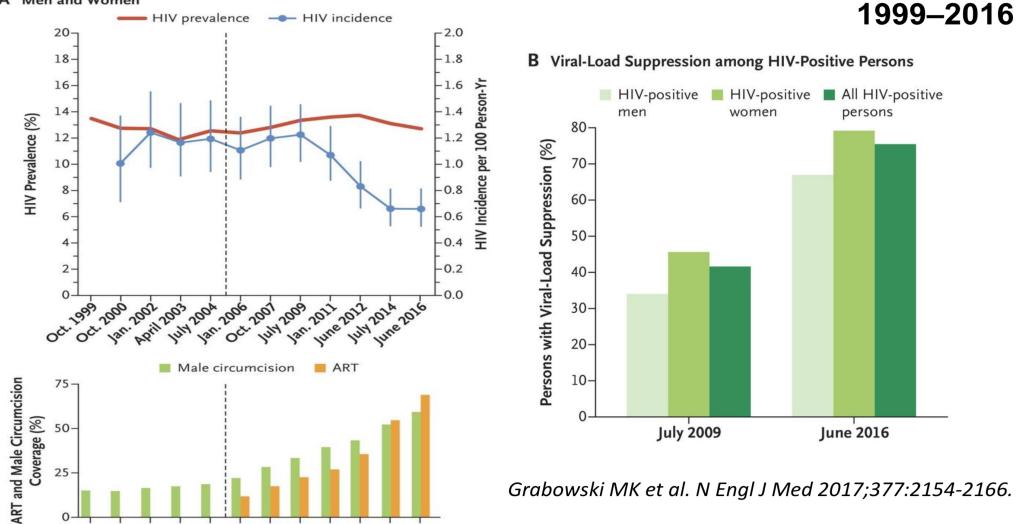


the number of people newly initiating HIV treatment increase from 23 000 in the first quarter of 2016 to 45 000 in the final quarter of 2017

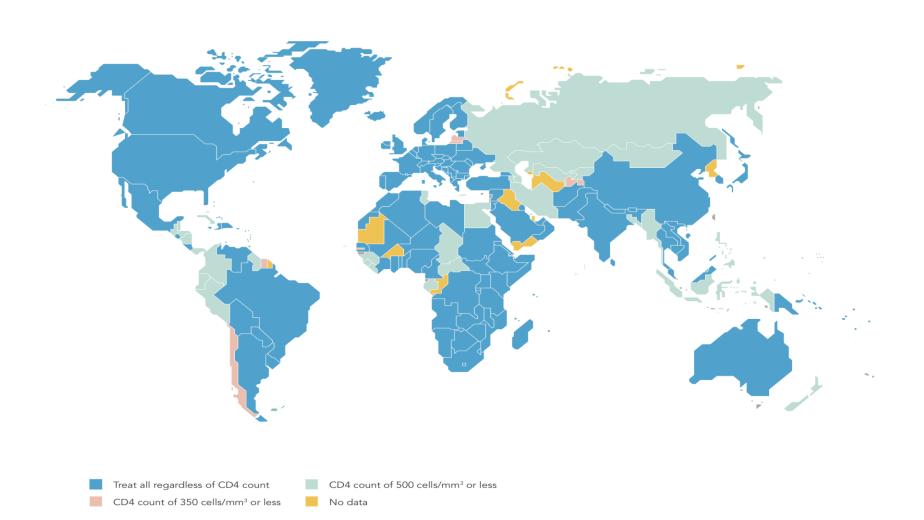
Source: ww.unaids.org

Combination of Interventions will make the greater impact

HIV Incidence and Prevalence in the Rakai Community Cohort Study, A Men and Women



Countries adopting the Treat All Policy



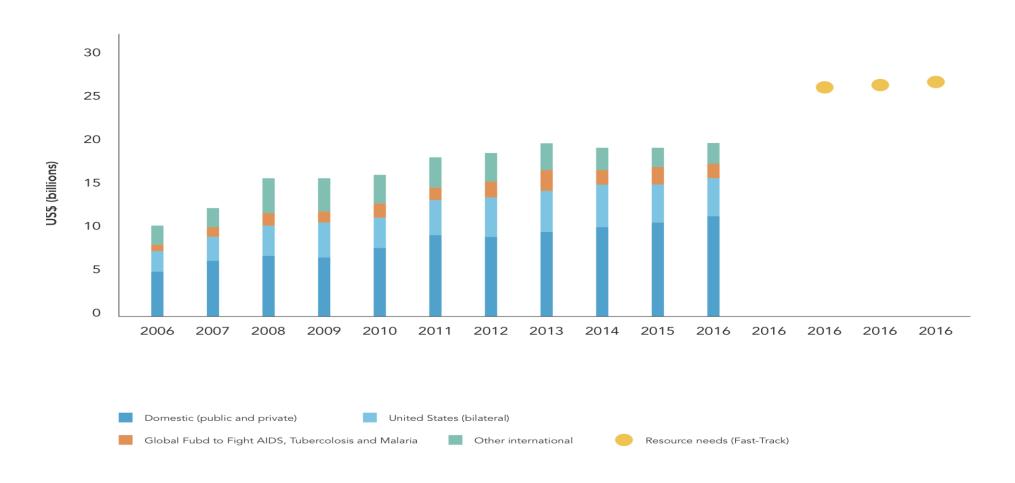
Human Rights

The cornerstone of removing legal barriers

Important and essential at any context of the epidemic

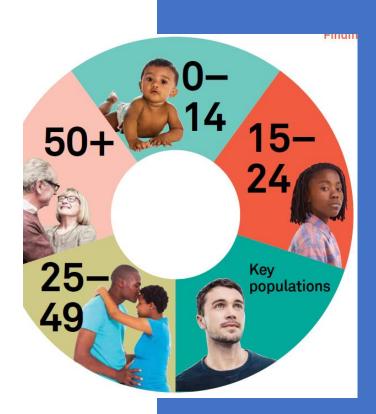
 Broad options to explore the legal barriers (human right assessment) and tools to address in a tailored way adapted to country context

Resource Availability Falling Short of Needs



Investing for Impact

- We are at a critical point and smart investments and rapid quality implementation are urgently needed
- Adult new infections declining too slowly
- Investment Approach: a combination of programme interventions combined with those that address the barriers, in particular stigma and human rights, delivered in partnership with communities
- Data and targeted combination of interventions + treat all
- Accelerate implementation: from pilots to scale
- The core policies are adopted quick and continuously evolving
- The response should be dynamic and leverage synergies at multiple level synergistically on multiple levels individual, family and society
- Flexible adapts to changing epidemic patterns and can rapidly deploy innovations





Invest for a People Centered Approach

Accelerate Scaled focused Prevention and Treat All

Leave no one Behind

Invest resources to fast track the response

Use real-time data to adapt quickly