



Local Innovations Scaled through Enterprise Networks

# LISTEN KENYA Presented at CUGH Conference

April 13, 2023



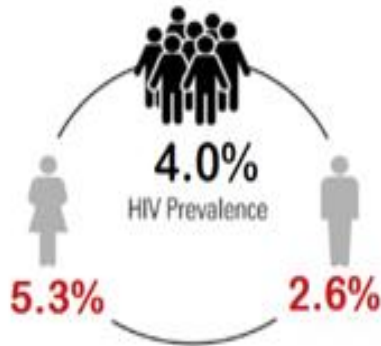
NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL

*GEORGETOWN UNIVERSITY*

## Presentation Outline

- Country context
- Implementation of LISTEN project
- Lessons learned
- Next steps and sustainability

# The Country HIV Epidemic Profile



County	Prevalence
Homa Bay	16.2%
Kisumu	15.5%
Siaya	14.1%
Migori	10.4%
Busia	5.4%
Mombasa	5.4%
Kisii	4.7%
Samburu	4.6%
Vihiga	4.6%
Nairobi	4.3%
Uasin Gishu	4.0%

## Adolescent and young people

41% adult new HIV infections occur among Adolescents and Young People (15-24years)



Adolescent (10-19yrs)

PLHIV

99,438

New Infections  
5,123

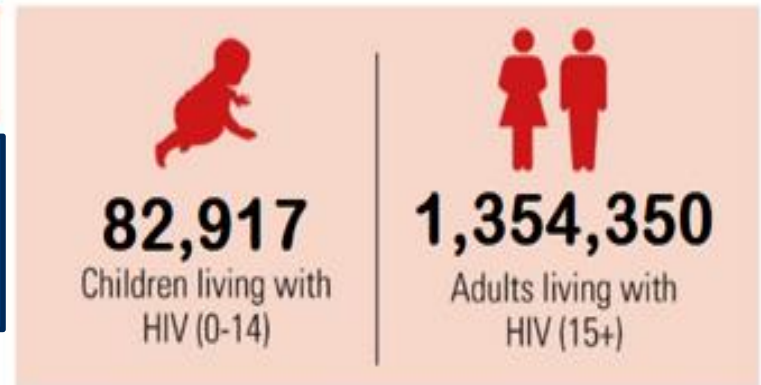


Young adults (15-24yrs)

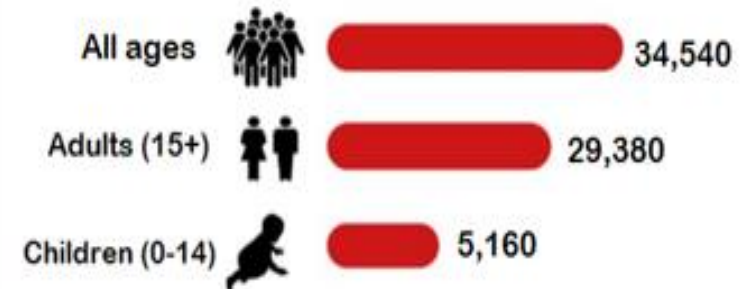
PLHIV

162,502

New Infections  
11,638

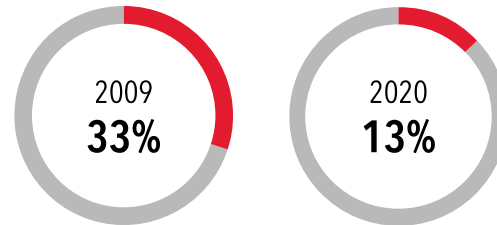


## New HIV Infections



# HIV AMONG KEY POPULATION

## Contribution to New HIV Infections



## HIV prevalence



Female Sex Worker  
**29.3%**



Men who have sex with men  
**18.2%**



People Who Inject Drugs  
**18.7%**



General Population  
**4.3%**

## Population size estimates



Female Sex Worker  
197,096



Men who have Sex with Men  
61,650



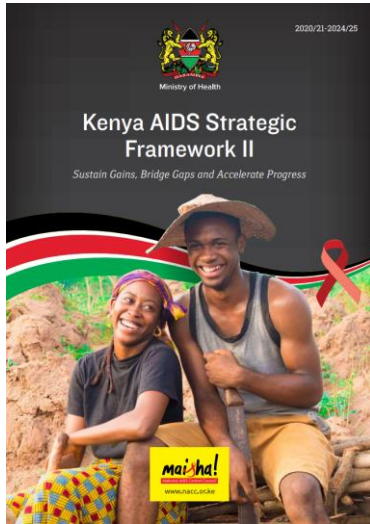
People Who Inject Drugs  
26,673



Transgender  
4,370

Sources: NASCOP IBBS 2011, NASCOP KP Size estimates, 2020, NASCOP KP Size estimates, 2012 (Source: KPSE II report, NASCOP 2020)

# IMPLEMENTATION OF THE 5<sup>TH</sup> NATIONAL HIV FIVE-YEAR STRATEGY FY 2020/21 – 2024/25



Measurable Indicator	Baseline as of 2020	Target by 2022 (Year 2 of implementation)	Performance/Achievement in 2022
Annual New HIV infections	41,416	28,991	34,540
Annual AIDS related deaths	20,997	16,799	22,373
Viral Hepatitis (HEP B)	6,921		5,861
HIV stigma index	45%	41%	23%
... in domestic ...	17%	23.6%	32%



## VISION

A Kenya free of HIV infections, stigma and AIDS-related deaths



## GOAL

To provide comprehensive HIV prevention, treatment, care and support towards Universal Health Coverage for all people in Kenya



## OBJECTIVES

- Reduce new HIV infections by 75%
- Reduce AIDS-related mortality by 50%
- Micro-eliminate viral hepatitis and reduce the incidence of sexually transmitted infections
- Reduce HIV related stigma and discrimination to less than 25%
- Increase domestic financing for the HIV response to 50%

# Significant progress made in the HIV response



2005

- HIV Prevalence- **6.8%**
- Incidence- **0.40%**
- Mortality- **110,000**
- MTCT Rate- **35%**
- PLHIV- **1,400,00**
- HIV Infections- **94,000**

2010

- HIV Prevalence- **6.4%**
- Incidence- **0.31%**
- Mortality- **53,000**
- MTCT Rate- **21%**
- PLHIV- **1,493,165**
- HIV Infections- **71,000**

2015

- HIV Prevalence- **5.9%**
- Incidence- **0.27%**
- Mortality- **35,821**
- MTCT Rate- **8%**
- PLHIV- **1,517,707**
- HIV Infections- **77,647**

2019

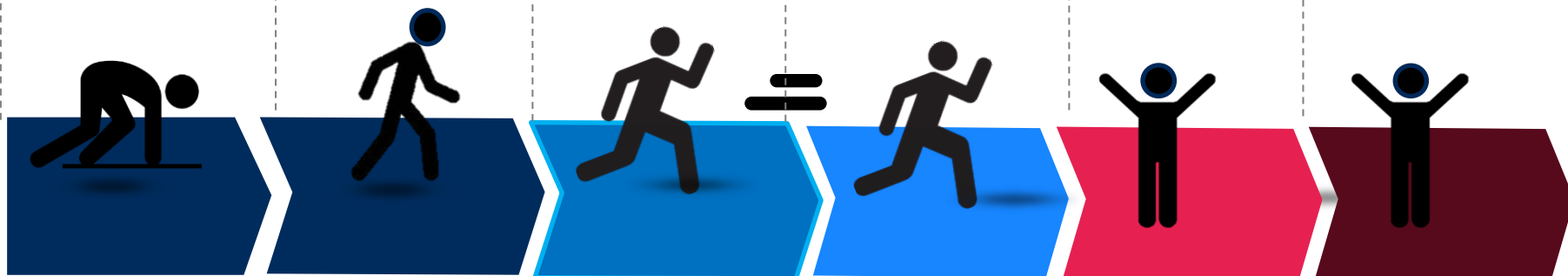
- HIV Prevalence- **4.5%**
- Incidence- **0.12%**
- Mortality- **20,997**
- MTCT Rate- **10.8%**
- PLHIV- **1,508,405**
- HIV Infections- **41,416**

2020

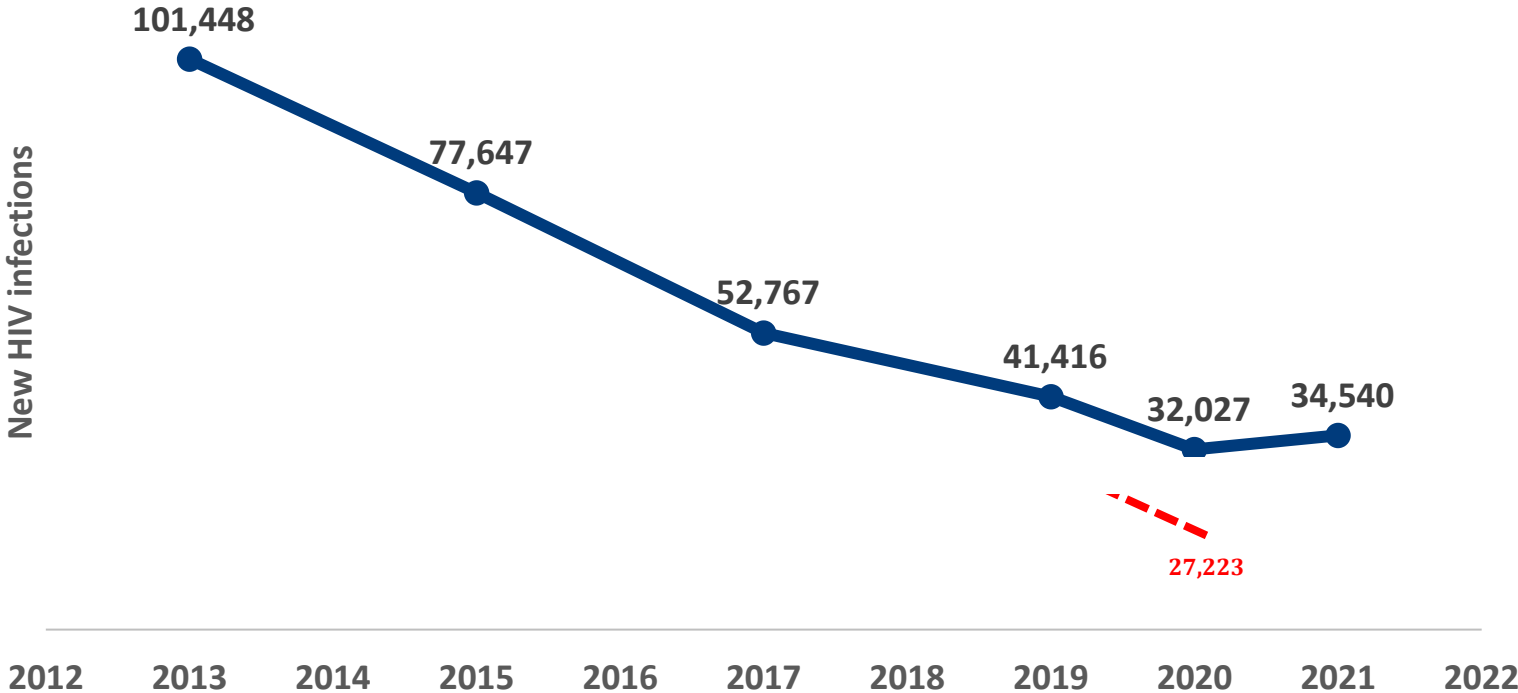
- HIV Prevalence- **4.3%**
- Incidence- **0.093%**
- Mortality- **19,486**
- MTCT Rate- **9.7%**
- PLHIV- **1,435,271**
- HIV Infections- **32,027**

2021

- HIV Prevalence- **4.0%**
- Incidence- **0.098%**
- Mortality- **22,373**
- MTCT Rate- **8.9%**
- PLHIV- **1,437,267**
- HIV Infections- **34,540**

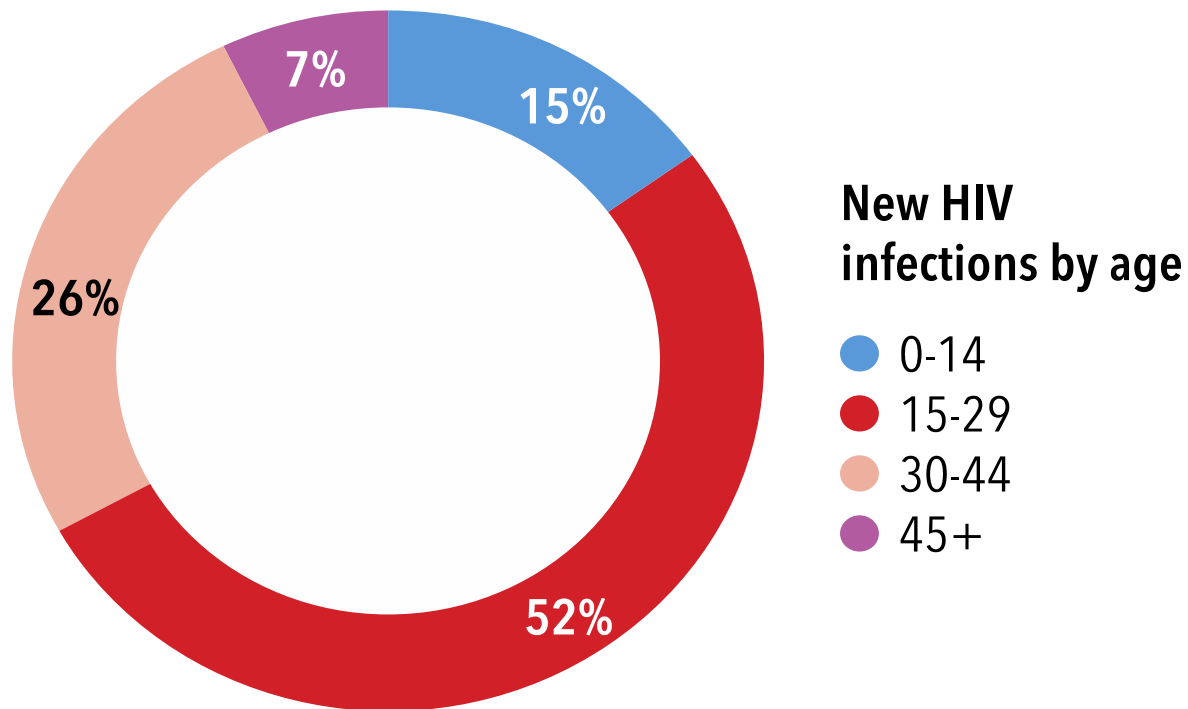


# The country missed 2021 target on ending new HIV infections



Source: HIV estimates, 2022

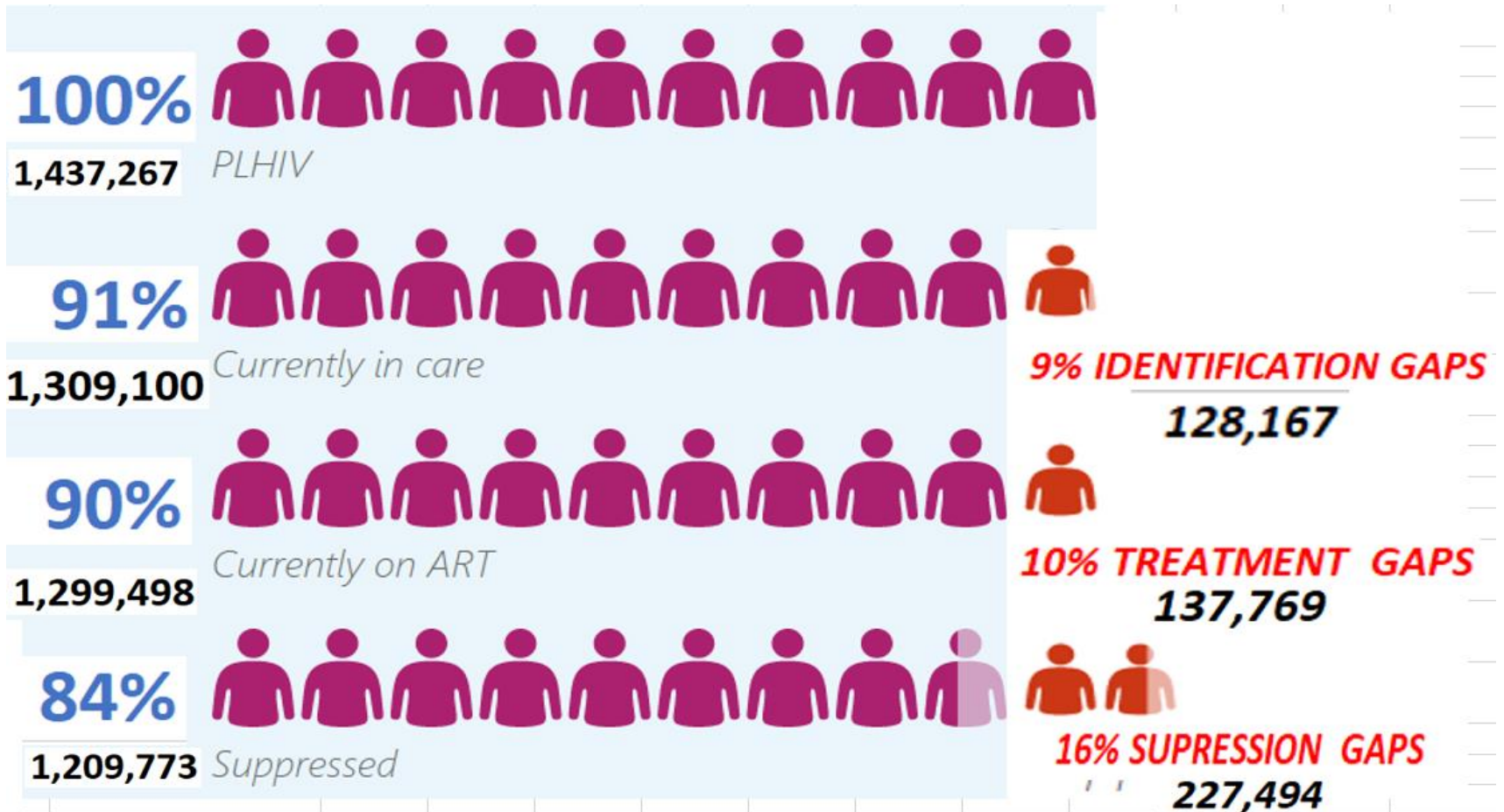
**An estimated 52% of all new infections occurred among adolescents and young adults aged 15-29**



Source: Kenya HIV Estimates 2022; NSDCC



# Treatment outcomes 95 95 95 Cascade with Gaps

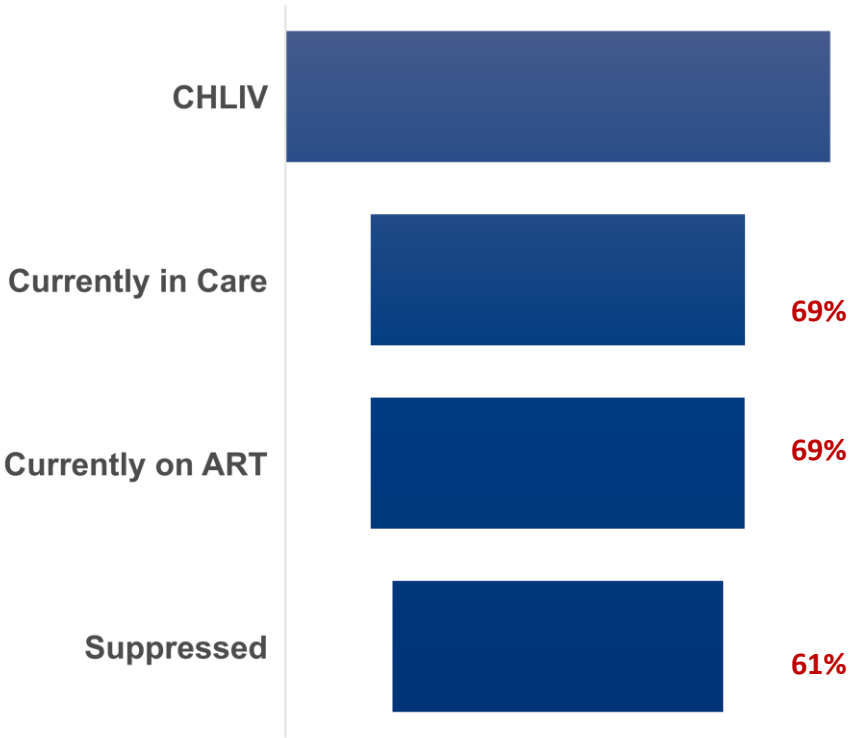


Data source: KHIS end Dec 2022 and Estimates

# Progress along the HIV continuum of care for adolescents and young people aged 15-24 years, and children aged 0-14 years remains sub optimal across the cascade

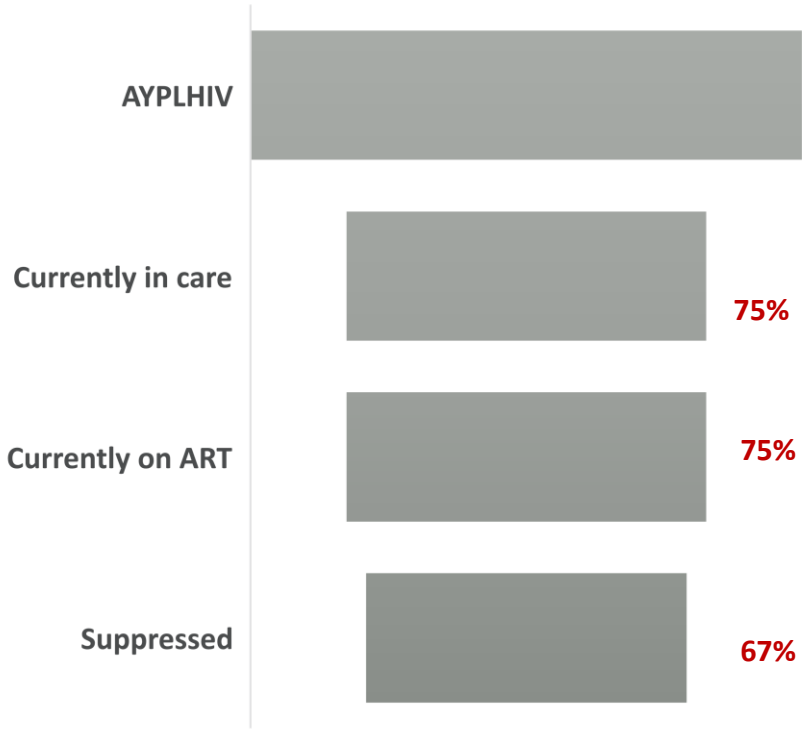
95 95 95 Cascade\_Children

■ Achieved

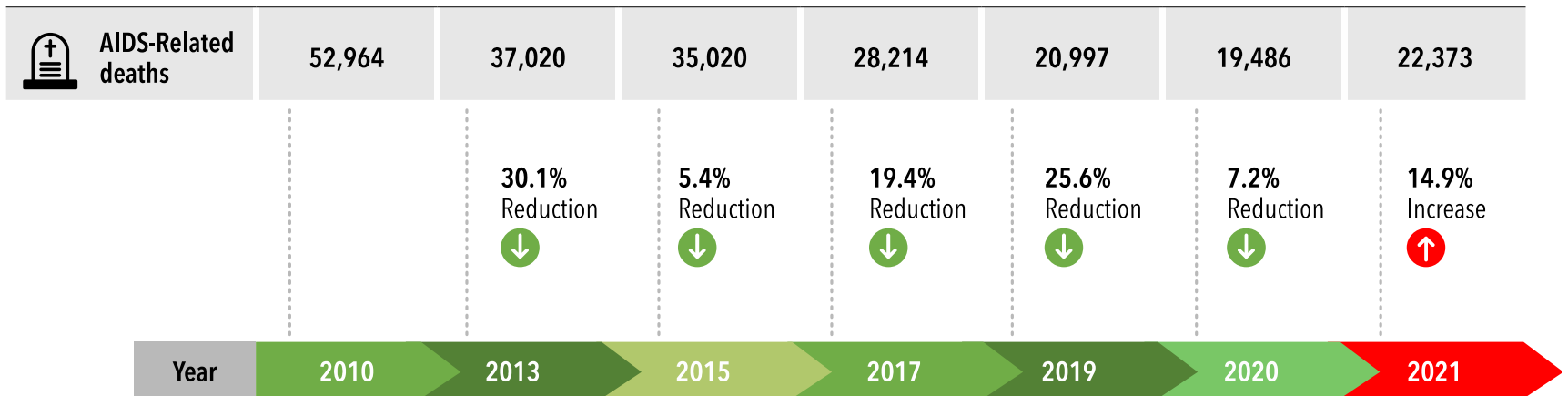


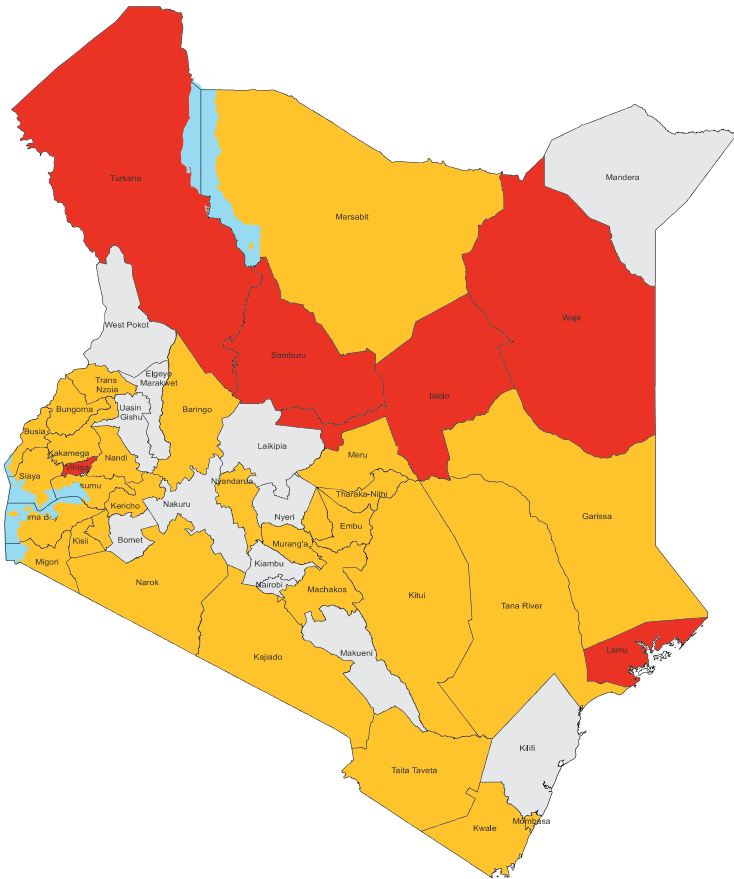
95 95 95 Cascade\_AYP

■ Achieved



## **AIDS-Related deaths Increased in 2021 for the first time in a decade**





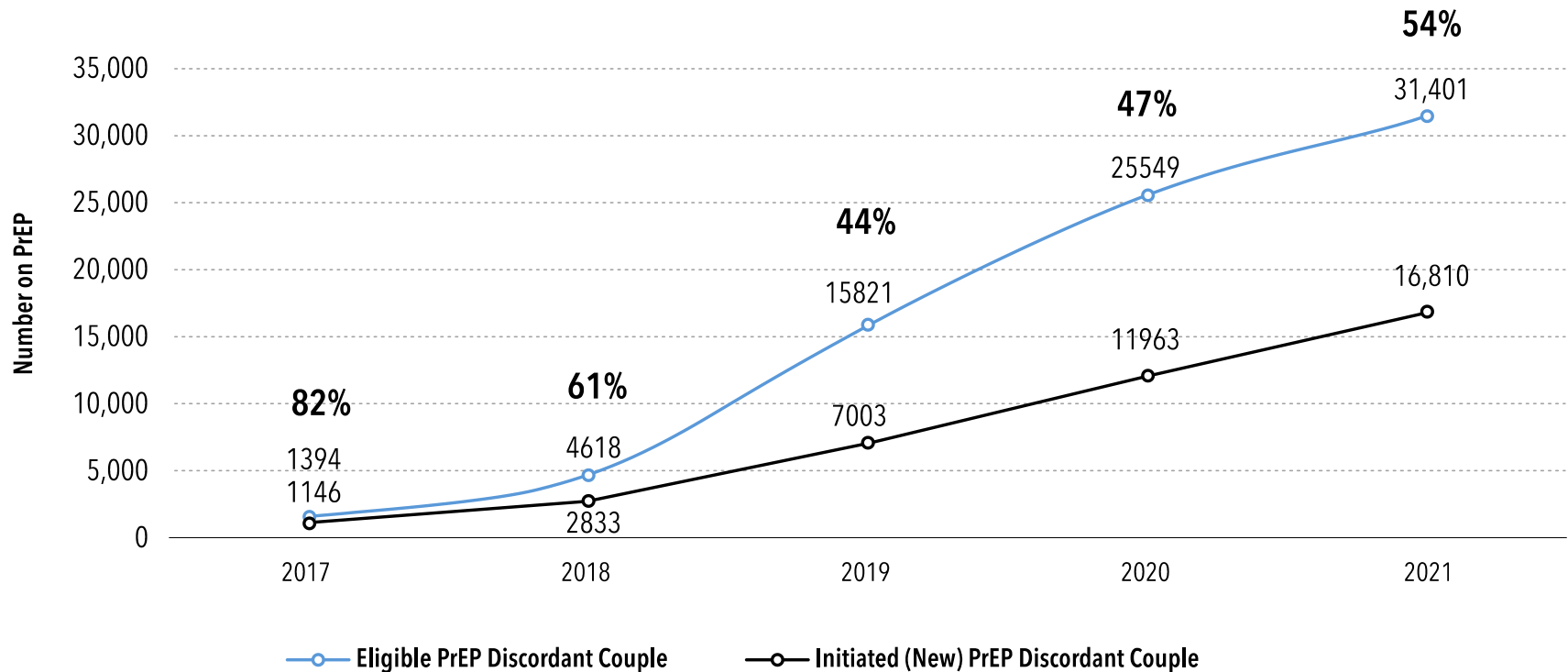
▲ ***AIDS-related deaths increased across 35 counties, in six counties (Samburu, Isiolo, Turkana, Lamu, Wajir, and Vihiga) the estimated number of AIDS-related deaths increased by more than 50% in 2021 as compared to 2022. In Samburu County, the number of AIDS-related deaths increased nearly 3-fold***

## Aging and HIV

*An estimated 883, 694 of the 1.4 million people living with HIV aged between 35 and 74 years, many of them diagnosed in their younger years*

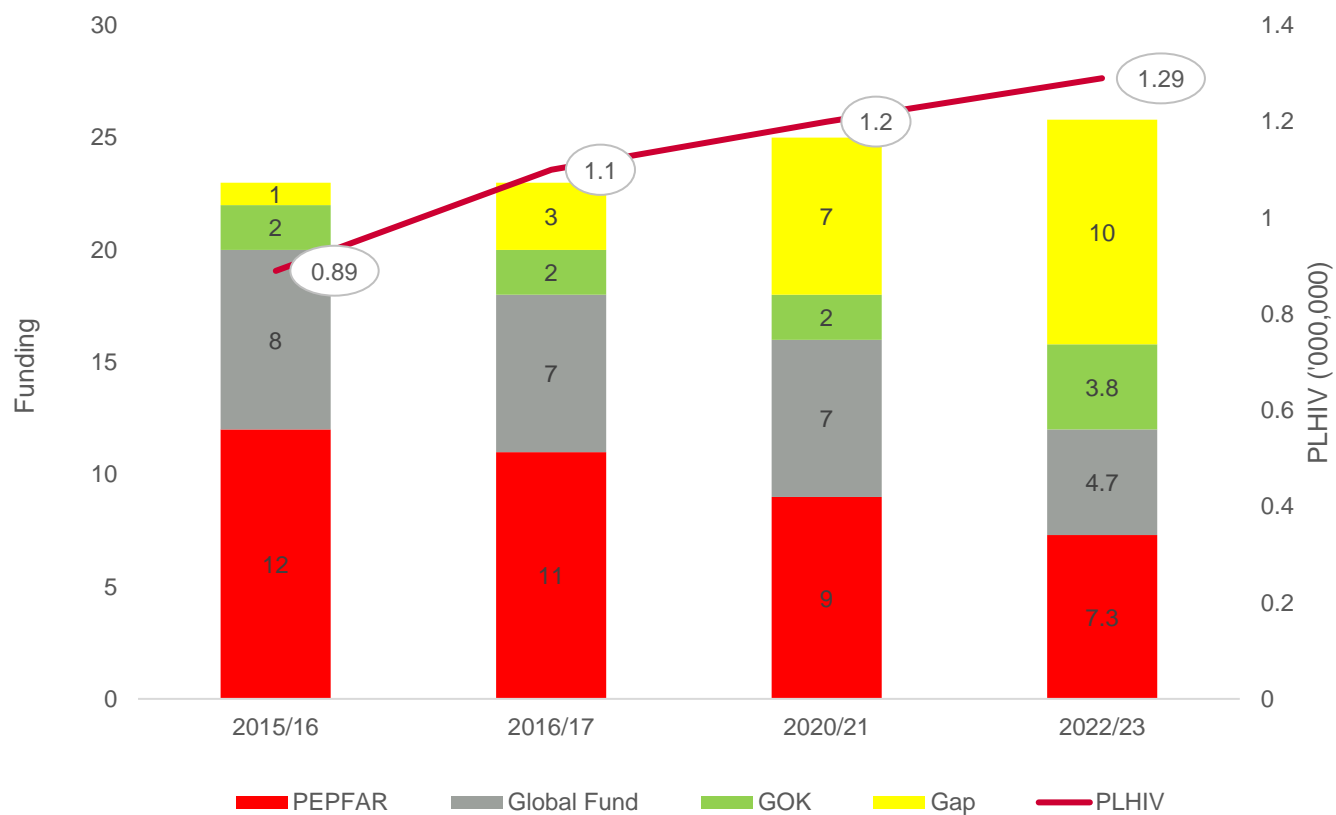
# Demand Generation for new products remains sub-optimal.....

## Uptake of pre-exposure prophylaxis among discordant couples

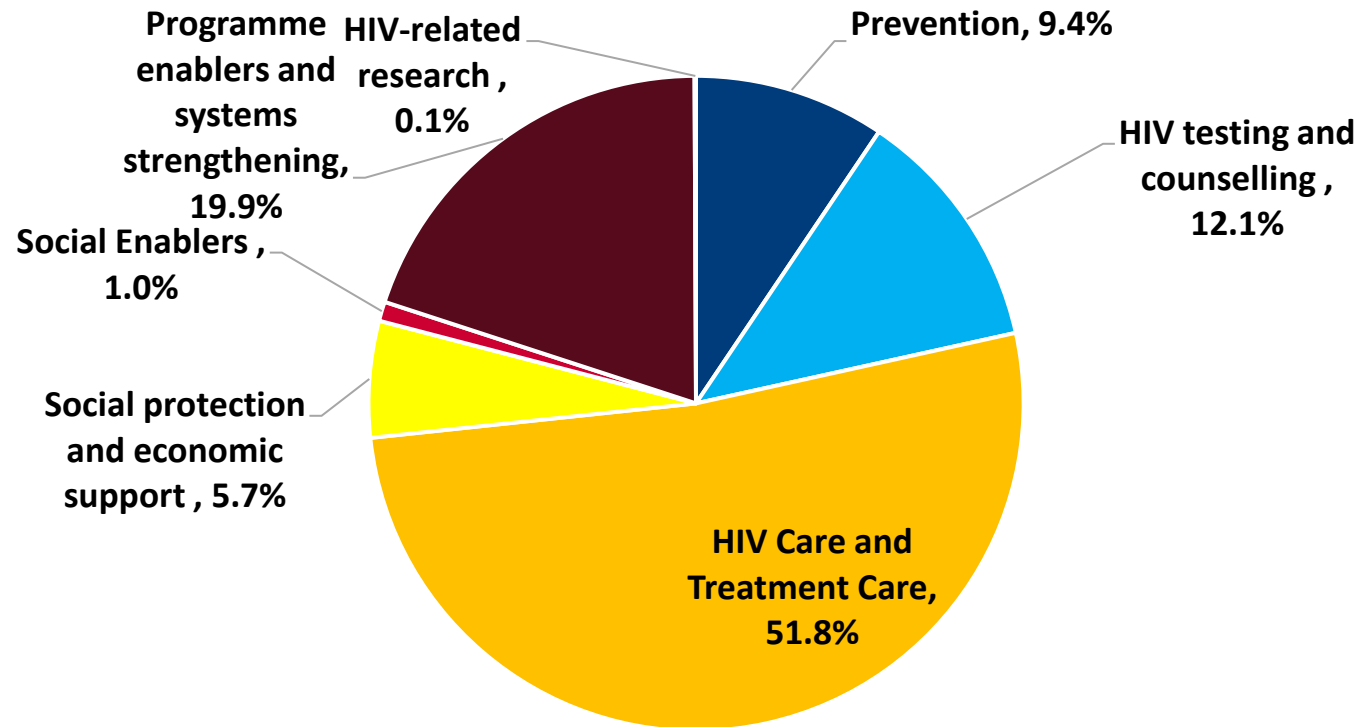


Source: Kenya Health Information System

# External Resources on the decline with widening gaps in the treatment programme



# Only 9.4% of available resources are allocated to Comprehensive HIV prevention programmes



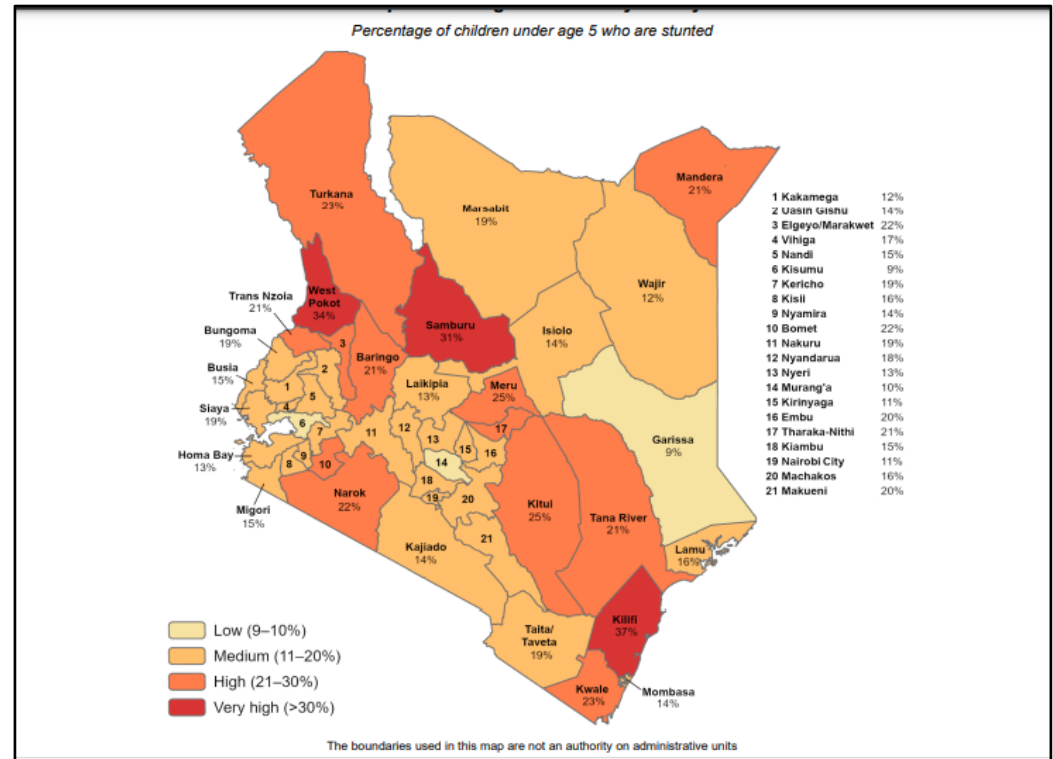


# The cost per person for HIV programs is relatively high

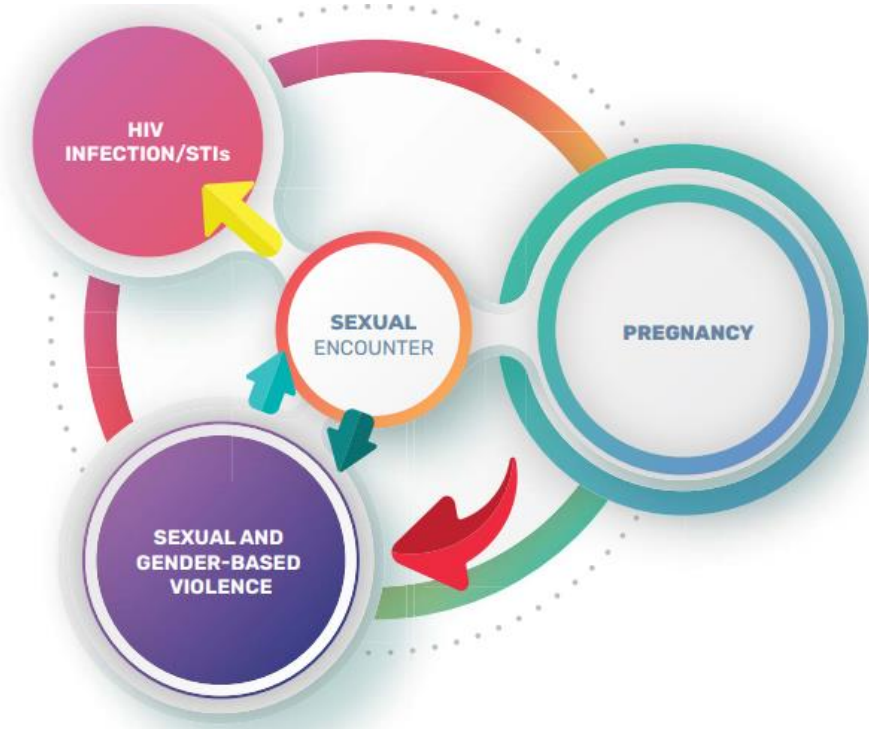
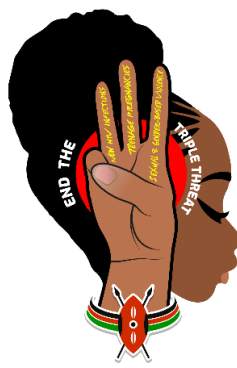
Populations	Essential Package (USD) per person per year (2021)	Comprehensive package (USD) per person per year (2021)
People who inject drugs	277.55	923.97
Female sex workers	242.76	315.11
Transgender people	169.87	169.87
Men who have sex with men	152.35	228.34
Pregnant Women	294.19	294.19
Adolescent boys and young men (ABYM)	152.72	152.72
Adolescent girls and young women (AGYW)	186.56	186.56

# The HIV epidemic re-enforcement factors

- Food insecurity
- Sexual and gender-based violence
- Stigma
- Alcohol, drugs, and Substance abuse
- Poverty
- Access to healthcare
- Education levels



# The Triple Threat



ADOLESCENTS AGED 10-19 ACCOUNT FOR;

 **99** new HIV infections that occur every week

 **18%** of all ante-natal care attendances

 **36%** of all sexual gender-based violence cases

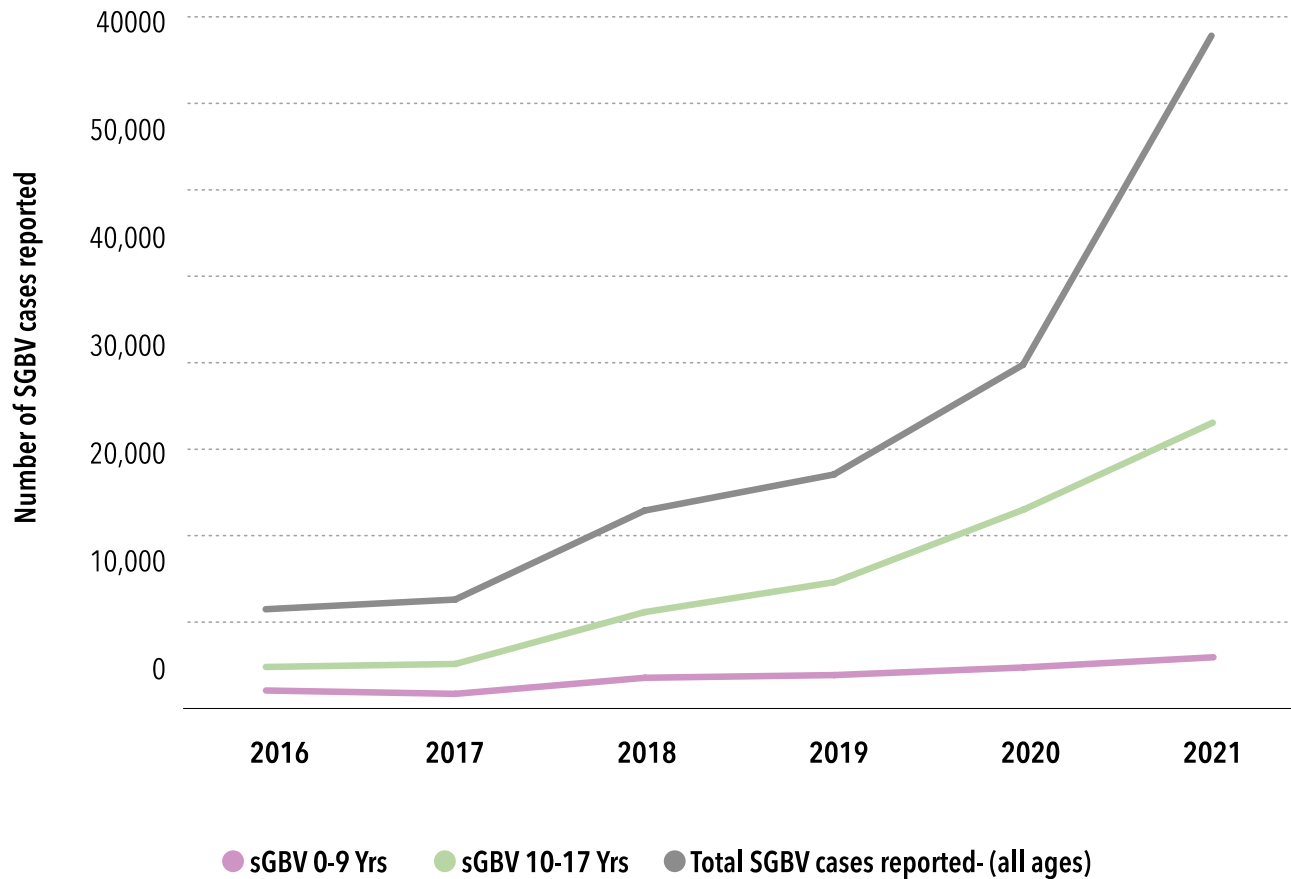
Data Source: 2022 HIV Estimates/ KHIS 2022

# Trends of adolescent pregnancies

Year	10-14 years	15-19 years	Total adolescent pregnancies	Antenatal clinic clients	Proportion of adolescents attending antenatal clinic
2016	23,356	252,277	275,633	1,296,168	21%
2017	23,516	316,160	339,676	1,223,317	28%
2018	22,451	404,684	427,135	1,435,246	30%
2019	20,121	376,719	396,840	1,429,951	28%
2020	16,956	314,593	331,549	1,465,589	23%
2021	21,823	294,364	316,187	1,547,656	20%

Source: Ministry of Health Kenya Health Information System

# Reported Cases of Sexual and Gender Based Violence among children and adolescents are on the increase



	0-9 Yrs	10-17 Yrs	Total (all ages)
2016	1,113	2,466	5,810
2017	886	2,613	6,340
2018	1,793	5,587	11,456
2019	1,931	7,293	13,516
2020	2,348	11,465	19,839
2021	2,912	16,476	38,842

# IMPLEMENTING LOCAL INNOVATIONS SUSTAINED THROUGH ENTERPRISE NETWORKS (LISTEN) IN KENYA

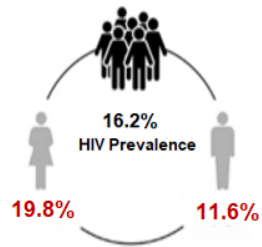
Strengthen community-led efforts for HIV prevention, care and treatment

1. **Strengthen technical capacities and leadership for sustained and scaled community-led interventions** ( Human Centered Design) in HIV response.
2. Utilise the LISTEN model as a structured approach to sustain platforms for scaling up **community-led solutions** for the HIV response
3. Sustain an enabling environment between duty-bearers and empowered communities to **implement community-driven** collective actions for HIV prevention, treatment, and support

# LISTEN was introduced as a 5-year project in April of 2018 modeled in two devolved governance units (Kiambu and Homabay)



# Homabay County has the highest HIV prevalence. The epidemic is generalized –mostly rural populations



County	Prevalence
Kenya	4.0%
Homa Bay	16.2%
Rangwe	18.8%
Mbita	18.0%
Homa Bay Town	17.9%
Kabondo Kasipul	16.9%
Karachuonyo	16.8%
Ndhiwa	15.9%
Suba South	14.5%
Rachuonyo South	11.2%

**Adolescents and young people**

**42% adult new HIV infections occur among Adolescents and Young people (15-24 Years)**

**Adolescents (10-19 Years)**

PLHIV

**8,842**

**New Infections 462**

**Young Adults (15-24 Years)**

PLHIV

**15,759**

**New Infections 948**

**8,391**

Children living with HIV (0-14)

**114,562**

Adults living with HIV (15+)

**New HIV Infections**

All ages

**2,696**

Adults (15+)

**2,245**

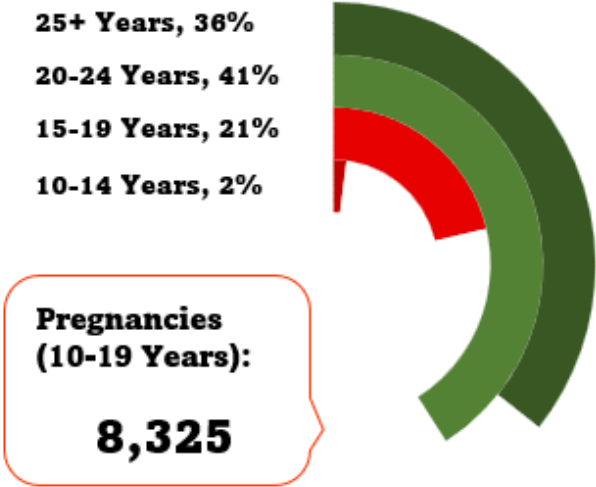
Children (0-14)

**450**

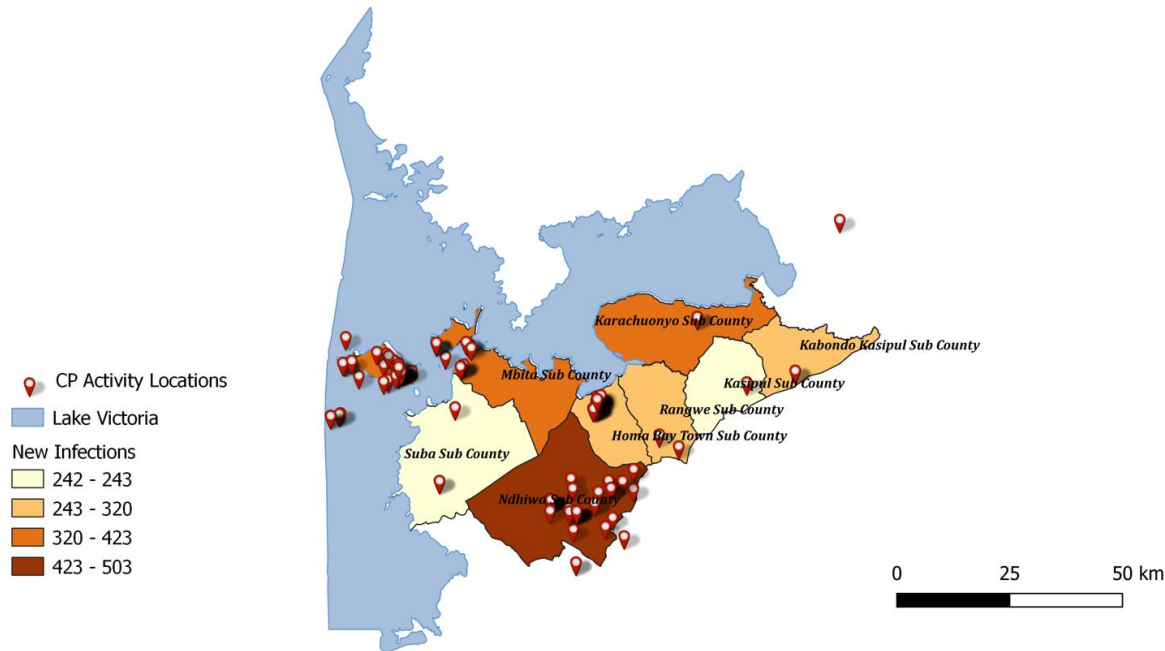


# 21% of antenatal clients in Homabay County are adolescents aged 10-19

PERCENTAGE OF TOTAL PREGNANCIES BY AGE GROUP (HOMABAY)



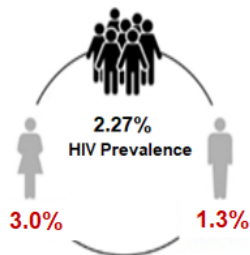
# LISTEN Project in Homabay County



## Active Communities of Practice

- Commercial Motorcycle transport riders (Boda boda)
- Fisherfolk
- Adolescents and Young People

# Kiambu County HIV epidemic is mixed with significant contributions from key populations (mix of urban and rural populations).



County	Prevalence
Kenya	4.0%
Kiambu	2.3%
Kiambaa	3.0%
Limuru	2.6%
Kikuyu	2.6%
Kabete	2.4%
Gatundu North	2.4%
Ruiru	2.2%
Lari	2.2%
Githunguri	2.1%
Juja	2.1%
Thika Town	1.9%
Kiambu Town	1.8%

## Adolescents and young people

**37%** adult new HIV infections occur among Adolescents and Young people (15-24 Years)



Adolescents  
(10-19 Years)

PLHIV

**3,465**

New Infections

**86**



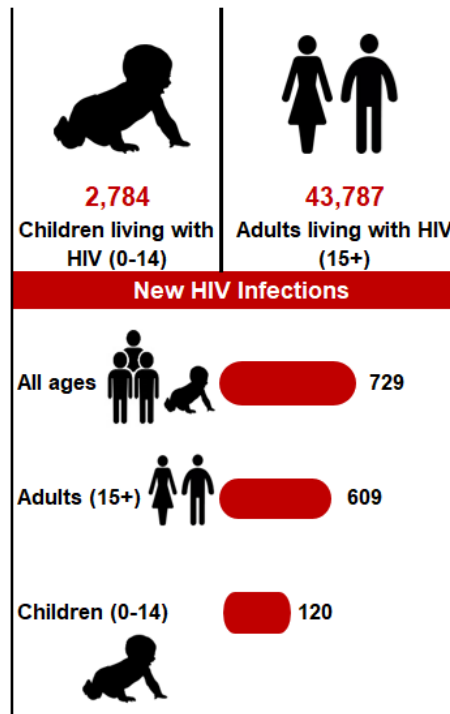
Young Adults  
(15-24 Years)

PLHIV

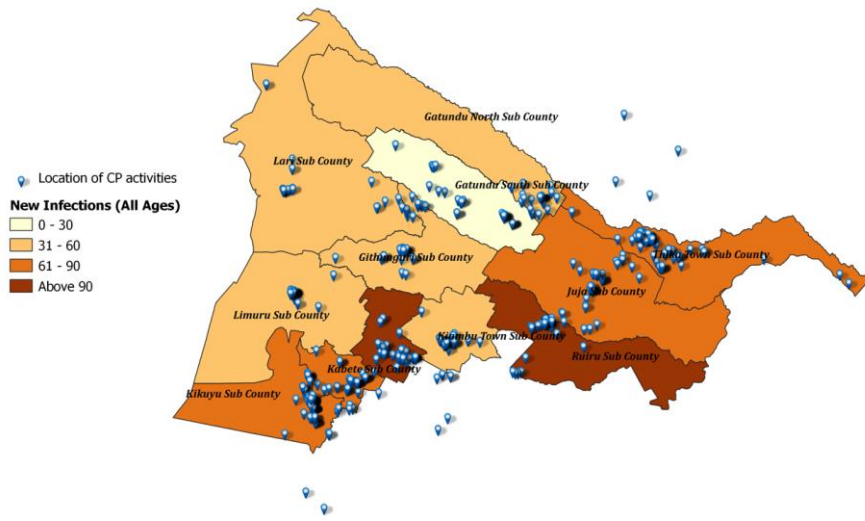
**5,075**

New Infections

**228**



# LISTEN IN KIAMBU COUNTY



## Communities of practice

- Male Champions
- Commercial motorcycle Boda boda,
- Adolescents and Young People
  - Youth Advisory Champions for Health
  - Maisha Youth
  - Teenage mothers

## Capacity Development for Application of Human Centered Design

- 195 staff trained on the Human-Centered design approaches at the national and sub-national levels
- 80 Community level personnel trained as champions for the application of the HCD model.
- HCD training resources adopted for capacity development approach in other projects funded by the Government of Kenya and the Global Fund for HIV, Tuberculosis, and Malaria





# Communities of Practice actively support demand generation for HIV services

## Youth Friendly Center in Kiambu County opened



CPs facilitate more than 10,000 households to register for social health insurance

## Members of a CP volunteer to refill condoms in hot spots areas



## Young people in a Community of Practice in an outreach event

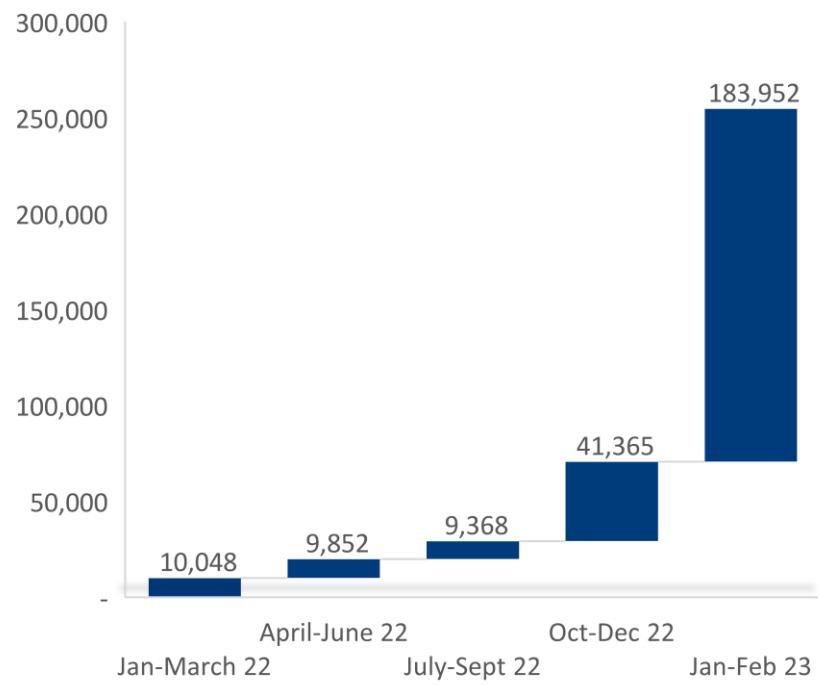


# Communities of Practice effectively mobilize communities to access condoms and enrollment to social health insurance

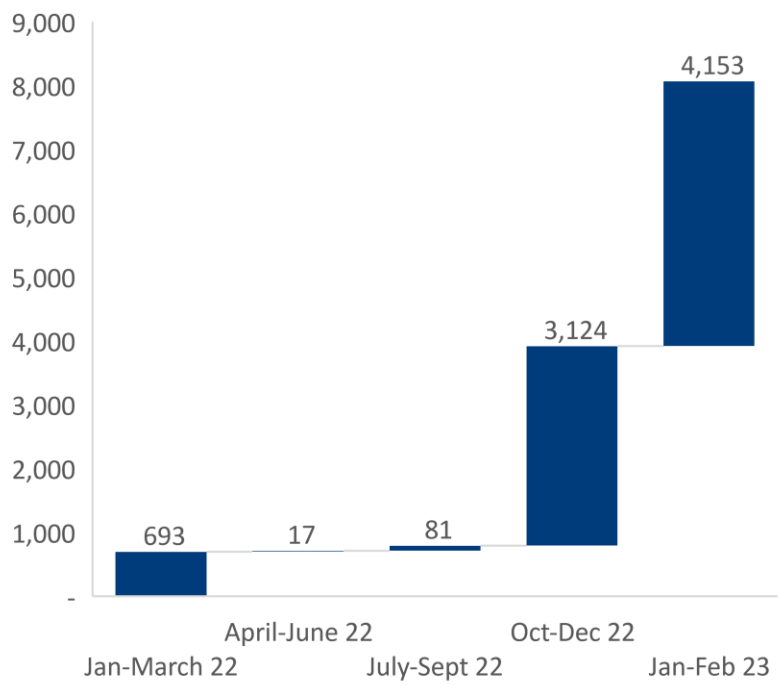
Condom distribution: 520,543 condoms distributed, 254,585 in high-risk settings

8,068 (51% males) linked to the National Hospital Insurance Fund (NHIF)

Condoms Distributed

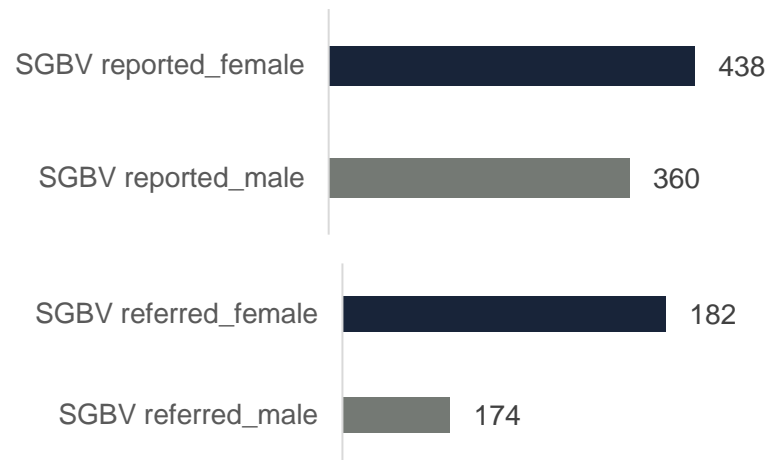
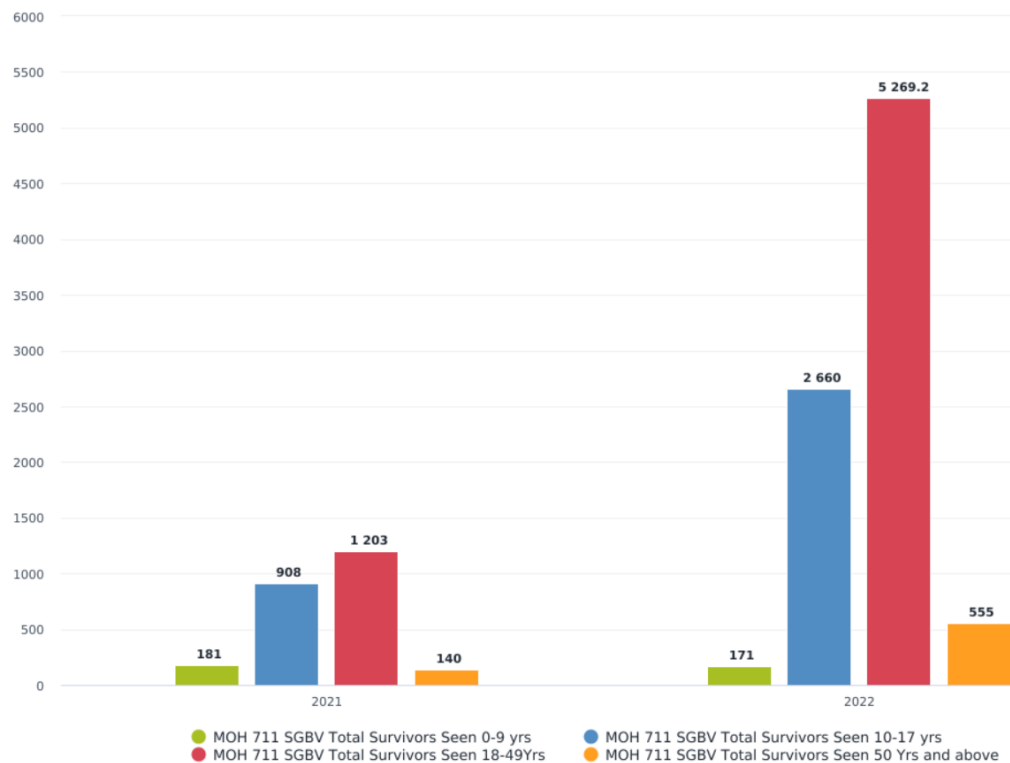


NHIF



# Communities of Practice refer 11,0987 for health Care services including 798 sexual and gender based violence cases

Homa Bay County, Kiambu County





## **LISTEN model is an efficient model for sustaining community-led solutions in the HIV if linkages are maintained**

- ✓ Horizontal linkages are critical
- ✓ Economic empowerment –Groups are pre-occupied with income-generating activities
- ✓ Health insurance
- ✓ Require LISTEN champions across multiple –government agencies
- ✓ Support collaborative interventions such as water and sanitation, Tree Planting, table banking through horizontal linkages

## Sustainable platforms for Community-led solutions -Vertical and Horizontal linkages –Case of Kiambu County

- ✓ Ministry of Interior and Government coordination partner to sensitize 1,806 commercial motorbike rider riders on road safety -January 2022-February 2023,
- ✓ The Community of Practice members establish a savings association members established a [Savings and Credit Cooperative Society \(SACCO \)](#)
- ✓ Over 2,200 linked to microfinance and 1,200 licensed.



- *“We started by saving Ksh 50 a day excluding Sundays, coming to Ksh 300 per week. That money has enabled us to own our land,” noted the group’s chairman, Lawrence Kariuki.*
- *Each member faithfully set aside Ksh 50 six days a week towards the project, enabling their [Savings and Credit Cooperative Society \(SACCO\)](#) to achieve the milestone.*
- *According to the Kenya Property Centre, an acre of land in Ruiru is worth about Ksh 8.5 million making 5 acres to cost Ksh42.5 million*
- *In the ceremony that was graced by Ruiru Member of Parliament Simon Ng’ang’a King’ara, the group motivated other boda boda riders to follow their lead*

## **Boda Boda Riders Buy Ksh 42M Land From Ksh 50 Bob Contributions**

by [STEVEN THUKU](#) on Friday, 7 April 2023 - 6:43 pm



*An undated photo of boda boda riders in Nairobi. TWITTER*

**Ruiru Boda Boda Association inspired many when they acquired a 5-acre plot of land in Ruiru, Kiambu County on Friday, April 7, 2023.**

# Mentorship and horizontal linkages is key for young people to sustain a community of practice

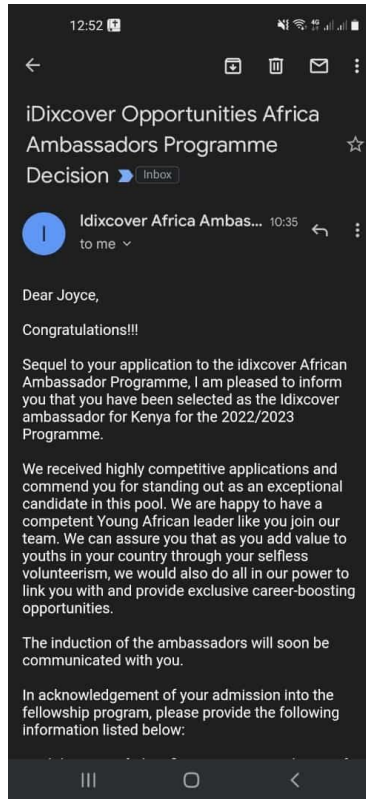


**Adolescents and young people trained on HCD linked to University Scholarships and other projects:**

Joyce Muranga-iDixcover Amb.-  
Kiambu

Vincent Ochieng-(USIU  
Scholarship)-Homa Bay

Rogers Omollo- (Activate Action)-  
Homa Bay



## Key Lessons

1. **Leadership and Governance:** Invest in CPs that include both senior and mid-level personnel to mitigate resilience during staffing transitions
2. **Invest in simplified tools for documentation of results –**
3. **Horizontal linkages:** Facilitate knowledge transfer between communities of practice Boda Boda to Fisherfolk
4. **Support CPs to conduct partner mapping to minimize duplication of efforts and for efficiency gains**



## Systemize the use of simplified tools to collate qualitative and quantitative data from Communities of Practice –Example of demand generation interventions

- **24,786** Sensitized on sexual reproductive health,
- **14,384** sensitized on stigma and discrimination,
- **17,668** provided with HIV treatment literacy education
- **20,920** sensitized on mental health.
- **21,301** reached with one on one and HIV prevention messages
- **13,244** were provided with NCD information,

### Outreach services Offered

- **1,086** self-test kits
- **650** men mobilized and accessed VMMC
- 4,783 referred, and 1,143 screened for NCDS
- **8,419** referred for HTS and 2,334 tested.
- **5,423** referred for STI screening and 1,232 were screened.



# Sustaining LISTEN model in Kenya

1. The need for continued efforts to mobilise resources to leverage on the infrastructure of Communities of Practice in the two geographical locations-
2. **Mainstream and bring to SCALE LISTEN as a Government approach to sustained community led solutions in the health sector** : NSDCC committed \$260,000 to implement LISTEN in 11 Arid and Semi-Arid sub-national government areas in the FY 2021/2022
3. Utilise the CPs infrastructure for other partnerships such as Global Fund for HIV, TB and Malaria and PEPFAR partners
4. **Document, Disseminate results and build capacities in other sectors** partners to support the already such transport, security, metrology, finance institutions for the implementation of non-health CP priorities.



NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL

GEORGETOWN UNIVERSITY