

# USAID TUJENGE JAMII

## Aging Population HIV Care Needs Assessment

FY 24 (Oct 2023 – Jan 2024)



**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

**GoldStar** Kenya  
Empowering communities for better health

**By: Stephen Ajuoga- Community Services**



# Differentiated Service Delivery (DSD) for People Living with HIV/AIDS (PLHIV)

---

DSD Webinar Series  
July 9, 2024

# DIFFERENTIATED SERVICE DELIVERY(DSD)

# WEBINAR SERIES

*Presented by Adult Clinical Branch & Pediatric Maternal Branch*



# USAID HQ DSD Webinar Series:

*To facilitate learning and exchange of best practices in scaling up DSD models*



[DSD Webinar Speaker Interest Form](#)

# Agenda

## Welcome

Jessica Ejike, USAID/Washington

## Framing Remarks

Deborah Goldstein, USAID/Washington

## Presentations

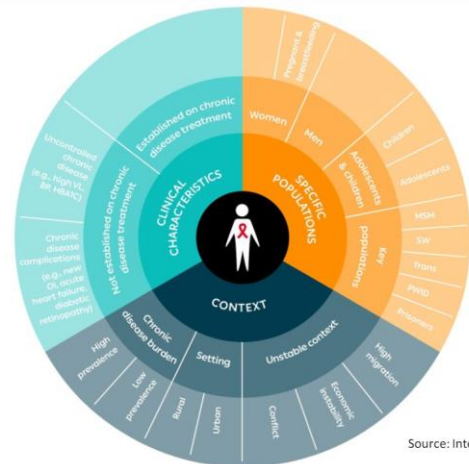
### Aging Population HIV Care Needs Assessment

An assessment of aging PLHIV DSD and health ne  
in Acholi, Uganda

## Discussion

Dina Patel, USAID/Washington

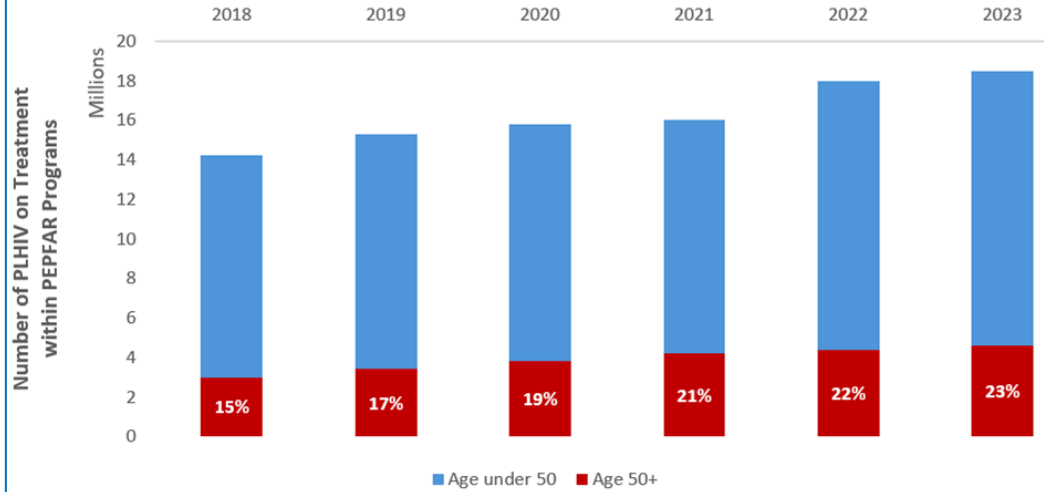
## Closing Remarks



# Differentiated Service Delivery for Older People Living with HIV

Dr. Deborah Goldstein, Medical Officer  
Office of HIV/AIDS  
USAID

Rising Proportion of Aging Populations in the PEPFAR Program  
(2018-2023)



**-PEPFAR's population is aging: of 19 million beneficiaries, 23% are  $\geq 50$  yrs old**

- Few screening tools, few validated treatments/interventions for older PLHIV
- Need for global/national guidelines, medical protocols, trained providers, dedicated funding for holistic care for older PLHIV

## Person Centered-care for Older PLHIV ( $\geq 50$ yrs old)

-Older PLHIV have different health needs than younger populations

-**They are disproportionately impacted by:**

Multimorbidity:  $\geq 2$  chronic medical conditions

NCDs: hypertension, diabetes, kidney disease, cancer

**Frailty:** weakness, exhaustion,  $\uparrow$  risk of fall/fracture/death

**Polypharmacy:** taking multiple medications

**Cognitive impairment**  
**Depression**

# THE LANCET HIV

## Person-centred care for older adults living with HIV in sub-Saharan Africa

*Deborah Goldstein, Jepchirchir Kiplagat, Charlotte Taderera, Erin R Whitehouse, Cleophas Chimbetete, Sylvester Kimaiyo, Sarah Urasa, Stella-Maria Paddick, Catherine Godfrey*

- DSD models should take into account unique health needs of older women with HIV.
- Women living with HIV aged 50 years and older represent the largest group of individuals supported by PEPFAR with 1.4 times as many women  $\geq 50$ yo than men (2,744,326 women vs 1,998,201).
- Older women with HIV are disproportionately impacted by aging comorbidities and have higher risk of **frailty, depression, cognitive impairment, and NCDs** than older men with HIV.
- Globally, older women are **more vulnerable to poverty** than older men.
- Older women with HIV are **more likely to have caregiving responsibilities** than men.



# Older PLHIV need person-centered models for DSD

*“It is time for HIV programming to include specific DSD for HIV treatment models to address the needs of an ageing HIV cohort.”*

- South Africa, Eswatini:** integrated, decentralised drug distribution with coordinated MMD for ART and NCD meds for all PLHIV
- Uganda:** home ART delivery for older people; relatives may retrieve ART from community distribution points for older family members
- Nigeria:** home ART delivery and prepared pill boxes for older, disabled PLHIV
- No published data on client outcomes, client satisfaction, or cost-effectiveness of emerging models**
- Consider:** integration of HIV and comorbidity care (in the clinic, lab, and pharmacy); remote clinical monitoring/telehealth; removal of fees for NCD medications....

[Godfrey C et al. Providing DSD for the ageing population of PLHIV, JIAS, 2022](#)



# Kenya



Stephen Omondi Ajuoga is a distinguished behavioral scientist with over 18 years of extensive experience in HIV programming, prevention, and treatment. Renowned for his contributions to the field, Ajuoga has been instrumental in shaping innovative strategies and interventions that have significantly advanced HIV care in Kenya and beyond.

Currently, Stephen works for USAID Tujenge Jamii Project as a Performance Improvement Specialist - Community Services Delivery Advisor. He has played a pivotal role in numerous groundbreaking projects under the support of PEPFAR and USAID funding, with a particular focus on Differentiated Service Delivery (DSD) models for care. These models have been critical in improving the quality of life for people living with HIV by tailoring services to meet diverse needs, reducing the burden on healthcare systems, and enhancing treatment outcomes.

# USAID TUJENGE JAMII

## Aging Population HIV Care Needs Assessment

FY 24 (Oct 2023 – Jan 2024)



**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

**GoldStar** Kenya  
Empowering communities for better health

**By: Stephen Ajuoga- Community Services**

# Why the Assessment



TX\_CURR of the  
program, 60,208



Targeted clients 50+  
on ART- 18,426



N=6,245 from 66 health  
facilities (contributing 34%)

## Why was the DSD Model Assessment Done .?

- 31% of the TX-CURR is Ageing Pop
- Most of the Ageing Pop has an NCD related Condition

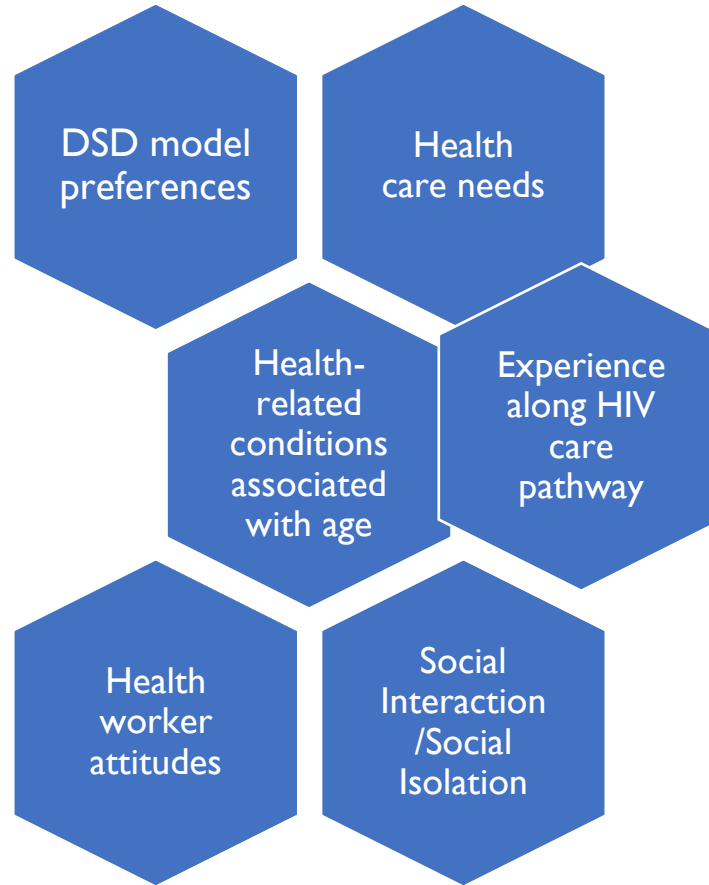
## How was the assessment conducted.

- Developed a questionnaire with 6 thematic areas
- We developed a soft copy [ODK-Tool]
- The questionnaire was administered by the help of the Expert clients in the selected clinics

## What were the results.

- Analysis was conducted in all the 6 thematic areas as per the presentation

# The 6 Thematic Areas for Assessment





# Demographics



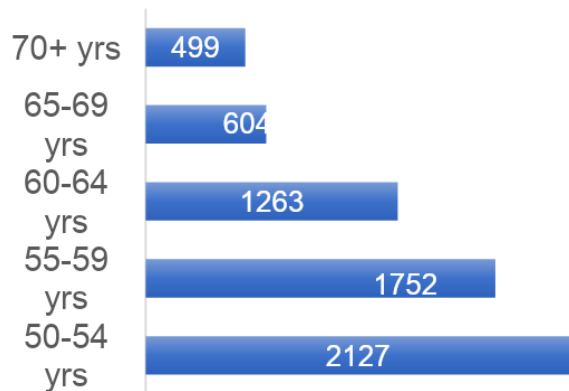
**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

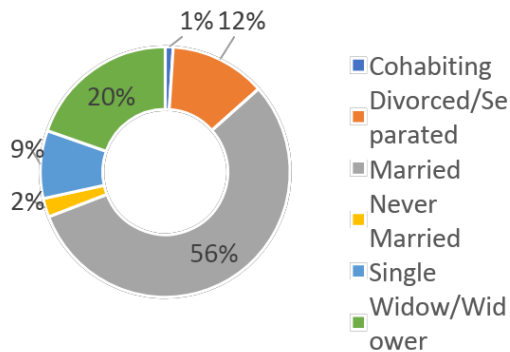
**GoldStarKenya**  
Empowering communities for better health

# Clients surveyed aged 50+ (34%), Female (60%), Married (56%), and Nakuru county with Majority of the clients reached, 69%. N=6,245

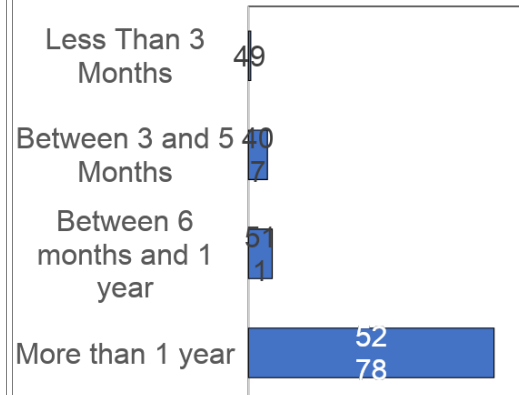
## Age Distribution



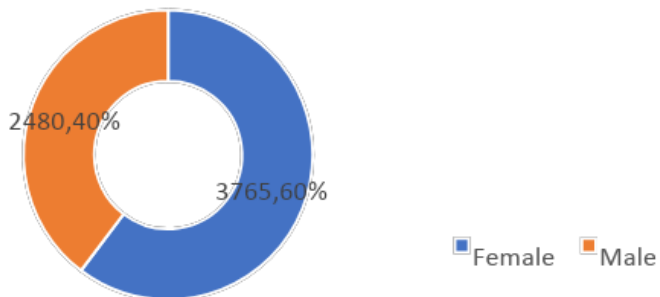
## Marital status



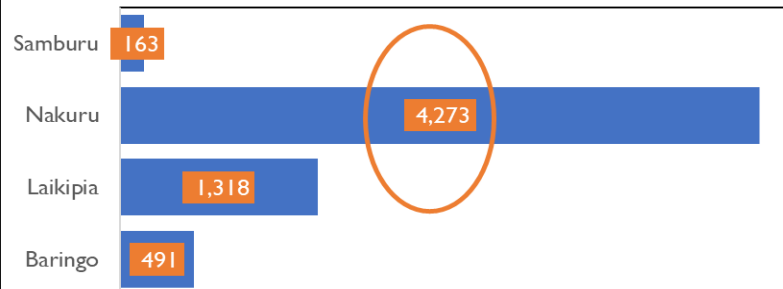
## Duration on ART



## Gender of the respondents



## County distribution





# DSD Model Preferences



**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

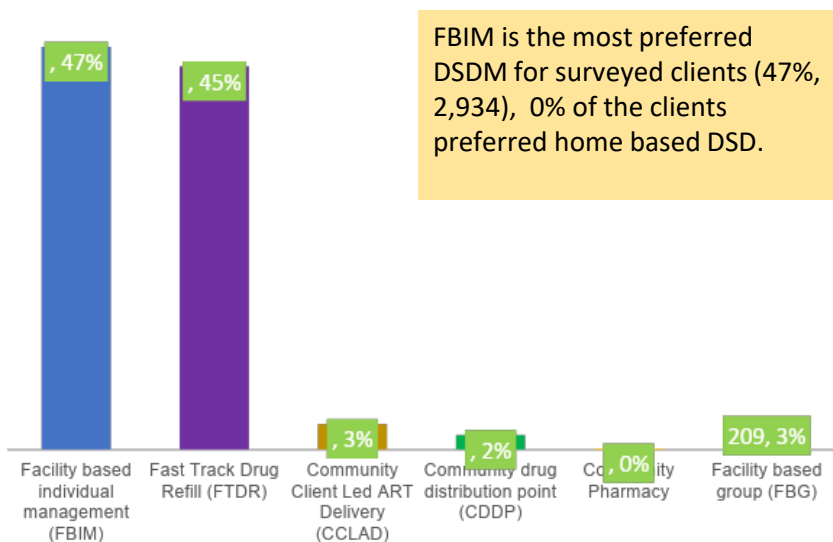
**GoldStarKenya**  
Empowering communities for better health



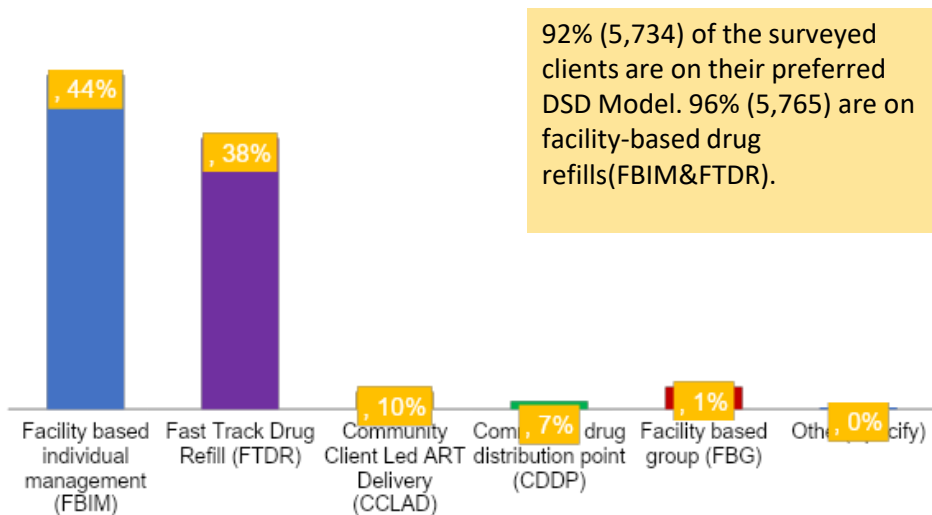
# Distribution of clients by DSD Models for Against their Preference N=6,245

DSD Model	Preferred DSD Method	Current DSD Model	Clients' preference Met (%)
Community Client Led ART Delivery (CCLAD)	185	168	91%
Community drug distribution point (CDDP)	105	79	75%
Community Pharmacy	8	0	0%
Facility based group (FBG)	209	216	103%
Facility based individual management (FBIM)	2934	3182	108%
Fast Track Drug Refill (FTDR)	2792	2583	93%
Other(Specify)	12	17	142%

**Distribution by clients' preferred DSD Model**



**Distribution of surveyed clients by DSD model,**





# Health Care Needs



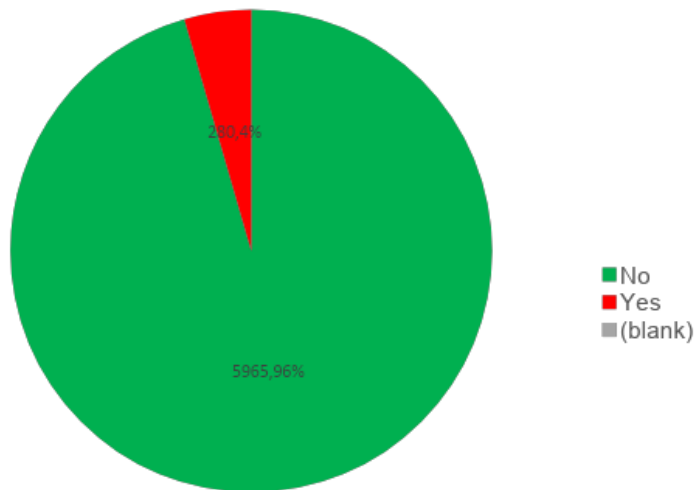
**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

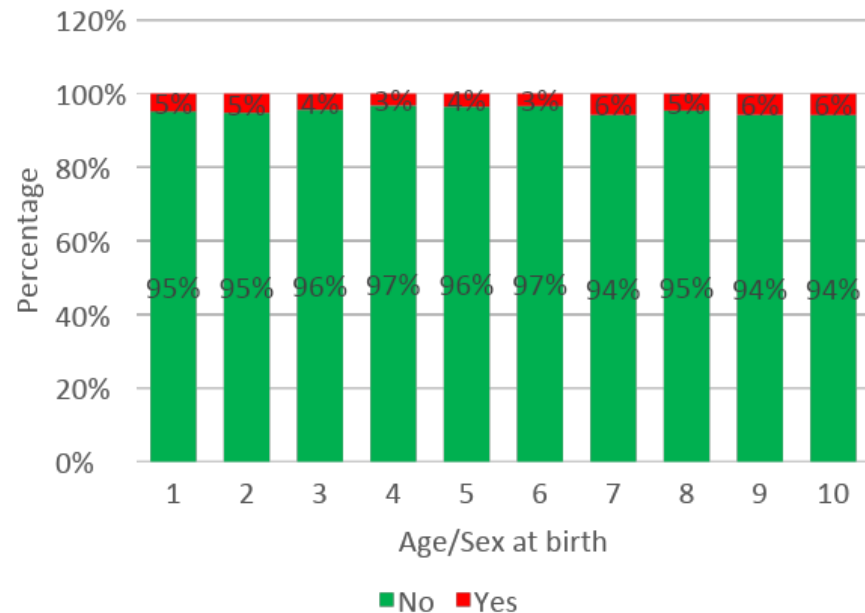
**GoldStarKenya**  
Empowering communities for better health

# 4% (280) of clients have health needs NOT being addressed by health workers in routine HIV care

Proportion clients with health needs NOT being addressed by health workers in routine HIV care, N = 6,245



Distribution of clients with health needs not being addressed by health workers in routine HIV care, N=6,245





# Health-related conditions associated with age



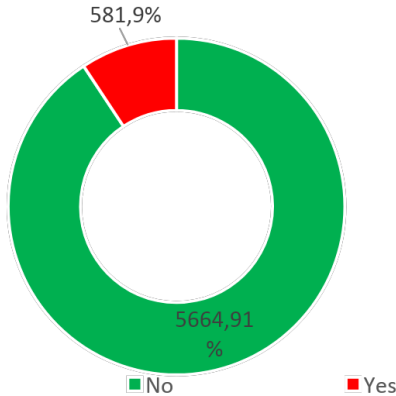
**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

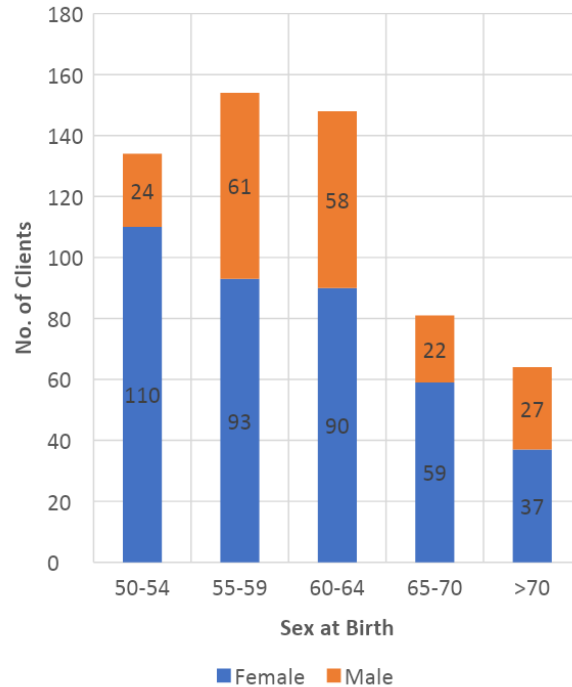
**GoldStarKenya**  
Empowering communities for better health

# 9% (581) of clients have other health-related conditions associated with age. 71% were female

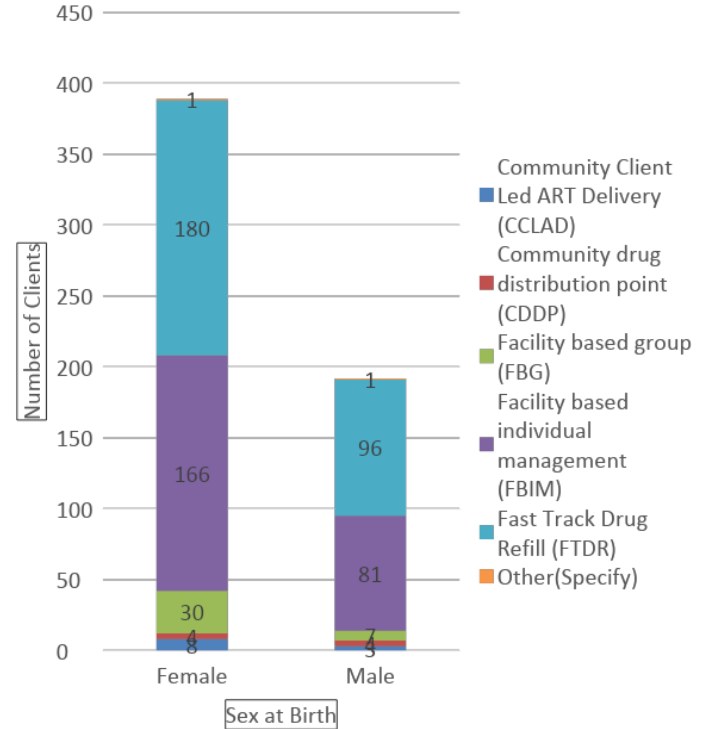
Proportion receiving treatment for other health conditions other than HIV, N = 6,245



**Distribution of clients with other health-related conditions, N= 581**

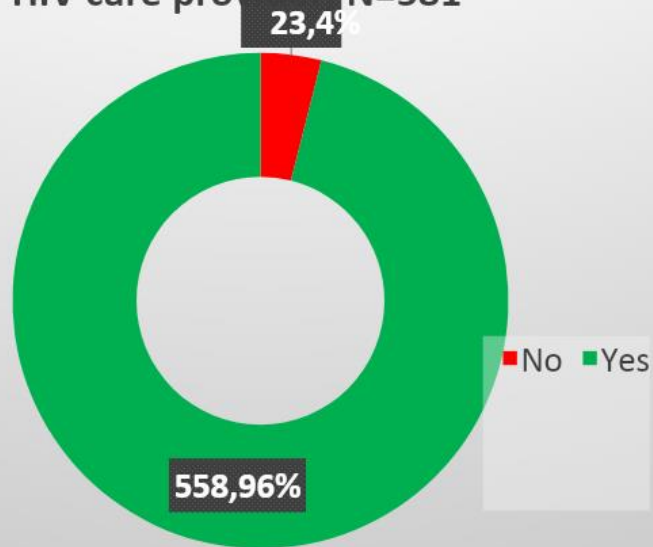


**Distribution of patient receiving treatment by modality and gender, N =581**

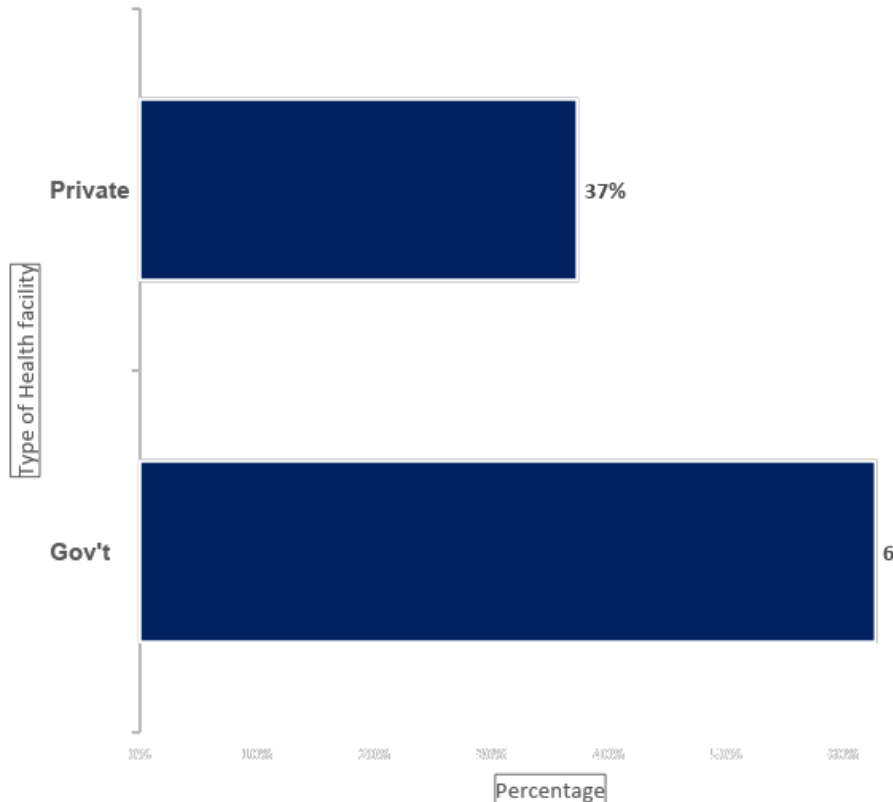


# 96% of clients have health-related conditions that are Known to the HIV care provider. 37% prefer receiving treatment in private health facilities

Proportion of clients with health related conditions that are known by HIV care provider, N=581



37% of clients with health-related conditions are receiving treatment from private health facilities, N = 581





# Care pathway experience



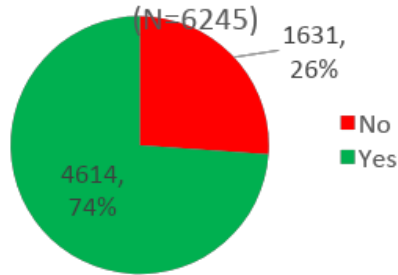
**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

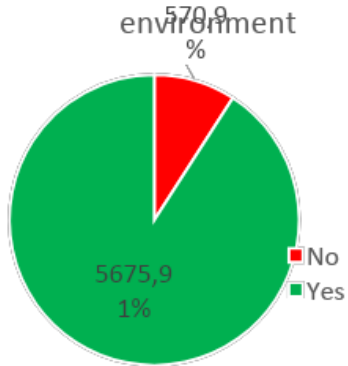
**GoldStarKenya**  
Empowering communities for better health

# 74% (4,614) of clients receiving special care from health workers along pathway of services due their age

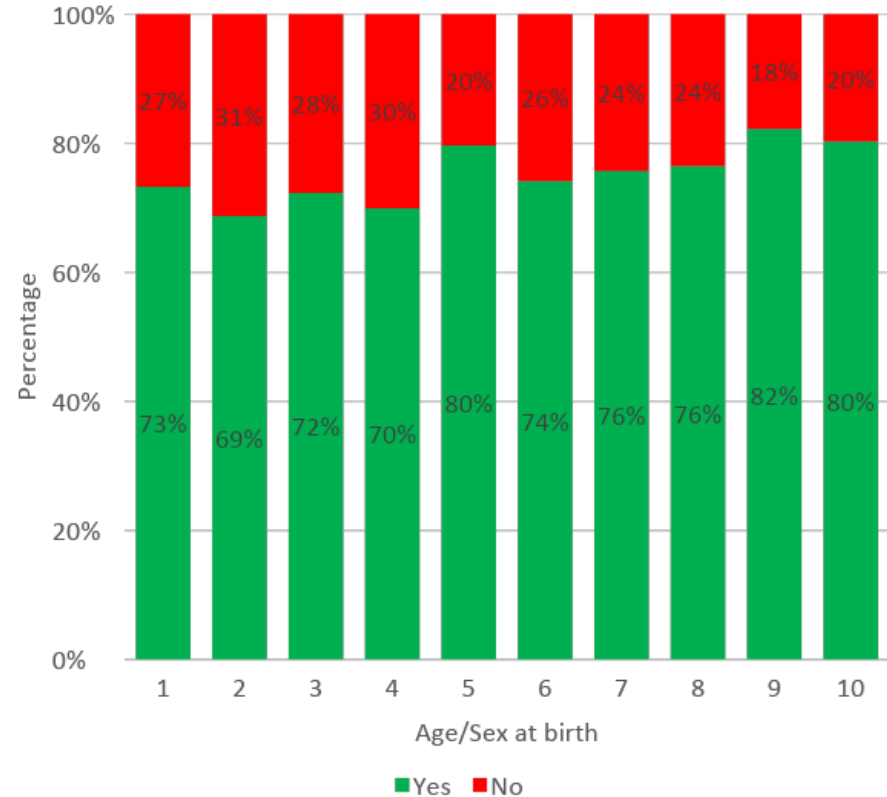
Proportion of clients receiving special care from health workers along the path way of services due their age



Proportion attended by the provider in a confidential environment



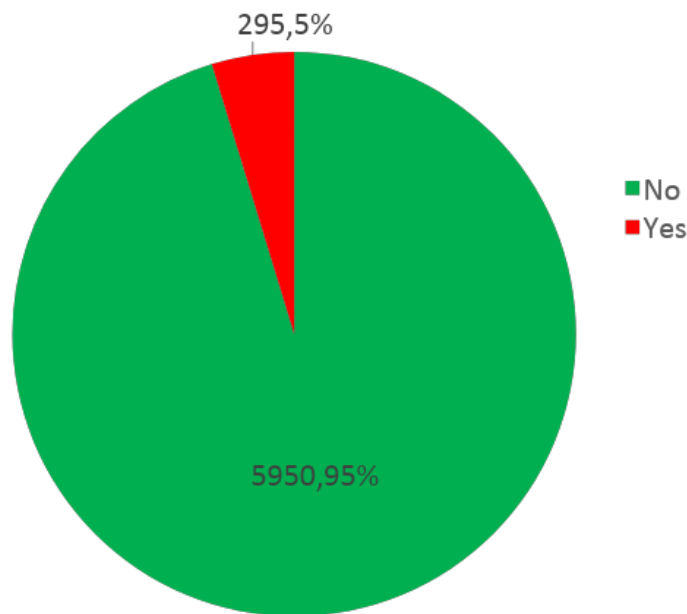
Distribution of clients receiving special care by health workers along the path way of services due their age



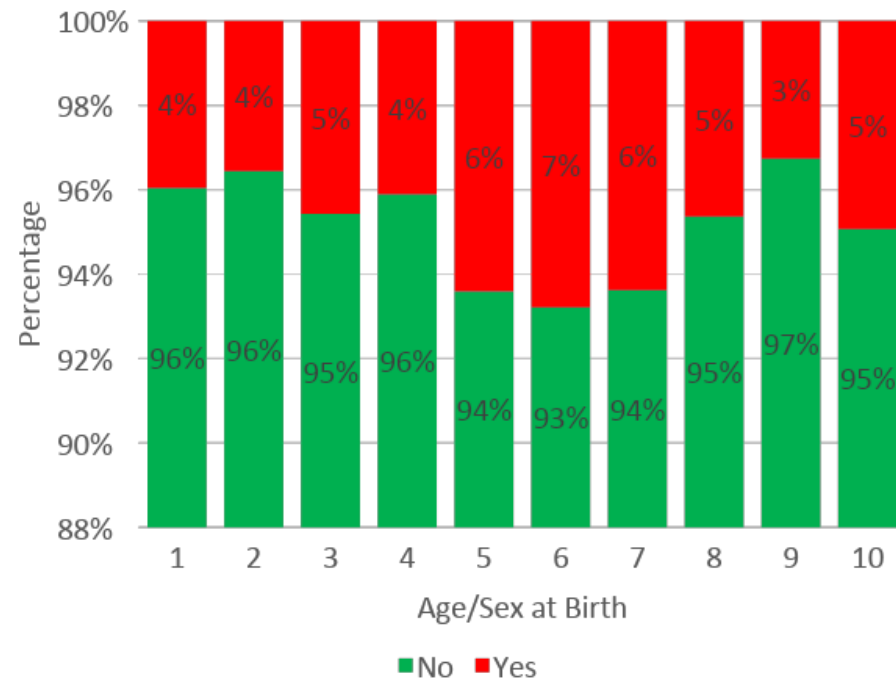


**95% (5,950) of clients have no challenge being attended by health providers not of their age category. 97% of clients with challenges being attended by HWs not of their age are in CDDP and FTDR and 61% are female**

Proportion of clients having limitations/challenges being attended by health care providers not of their age category , N = 6,245

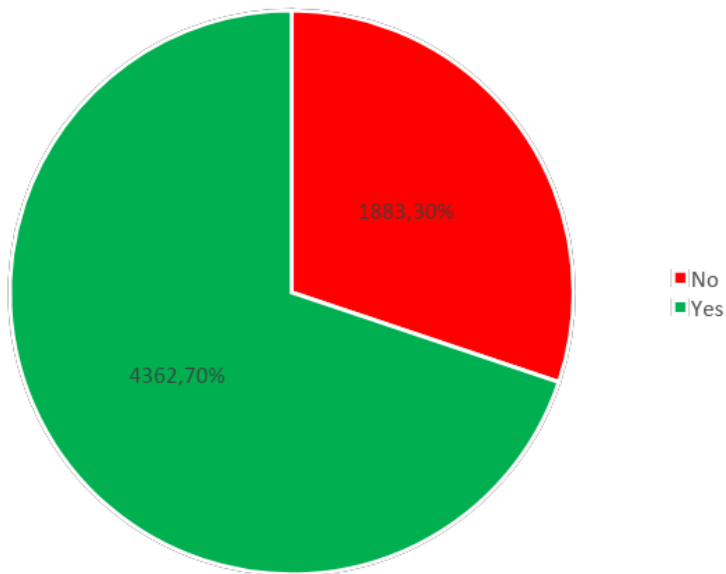


Distribution of clients having limitations/challenges being attended by health care providers not of their age category, N = 1172

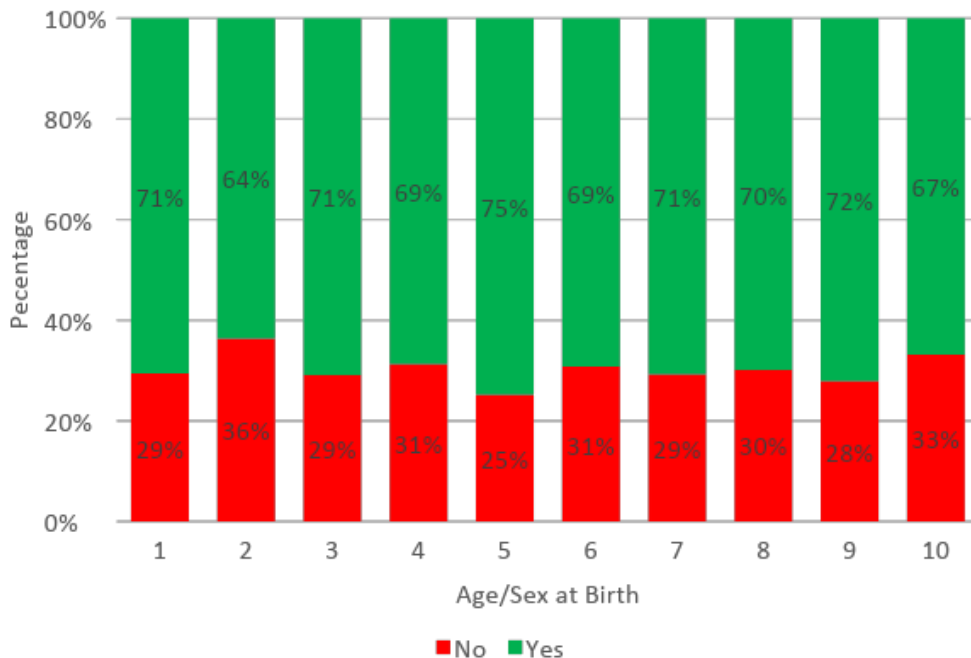


**70% (4,362)** of clients receiving information on how to cope with emotional difficulties faced living with chronic illnesses as an adult. **76%** of those not receiving information are in CDDP and FTDR. 56% are female

Proportion of clients provided information on how to cope with emotional difficulties living with chronic illnesses faced due their age (N=6,245)



Distribution of clients who are provided information on how to cope with emotional difficulties faced living with chronic illnesses at their age





# Social Interaction/Social Isolation



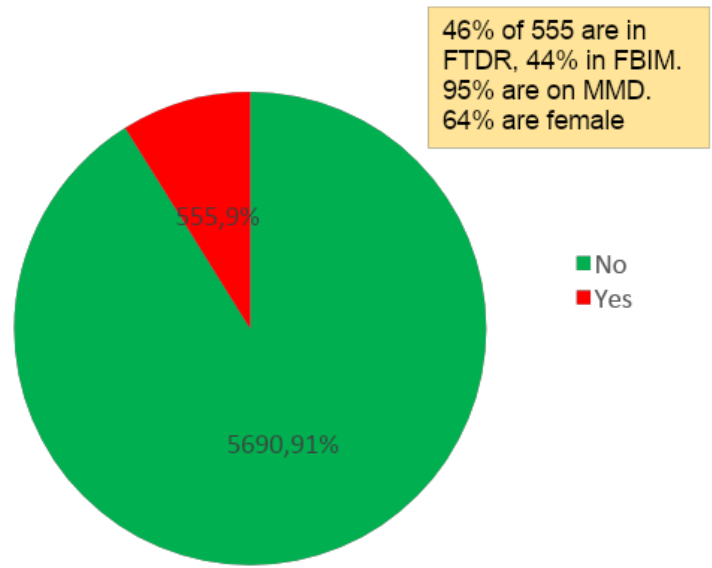
**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

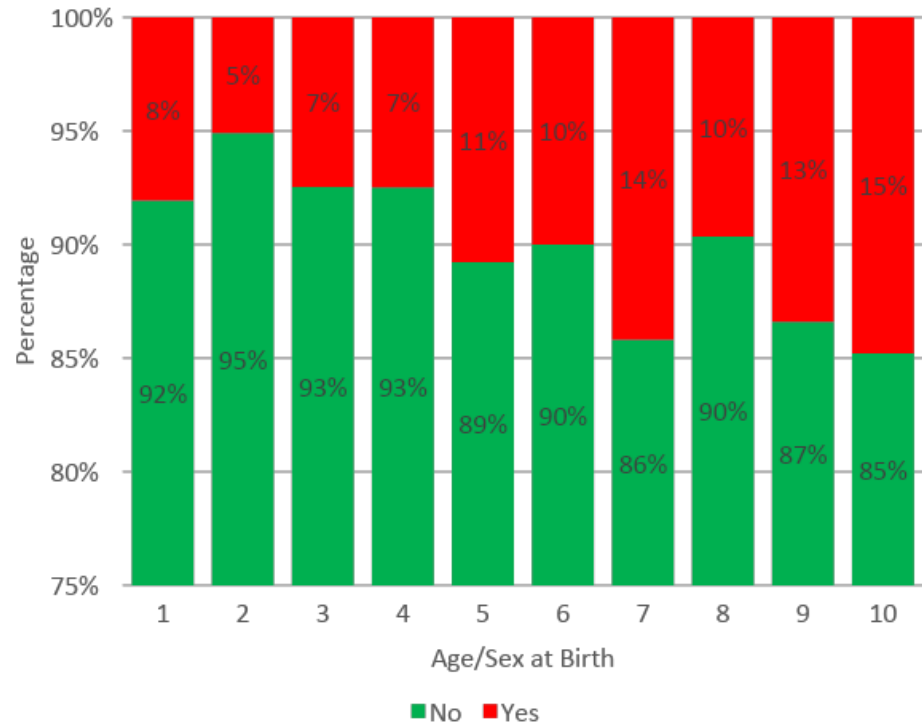
**GoldStarKenya**  
Empowering communities for better health

91% of clients have no challenges receiving HIV care and treatment services with younger people. 86% with challenges receiving care and treatment with younger people are on FTDR and CDDP and 64% are female.  
N=6,2,45

Proportion of clients having challenges receiving HIV care and treatment services with younger people

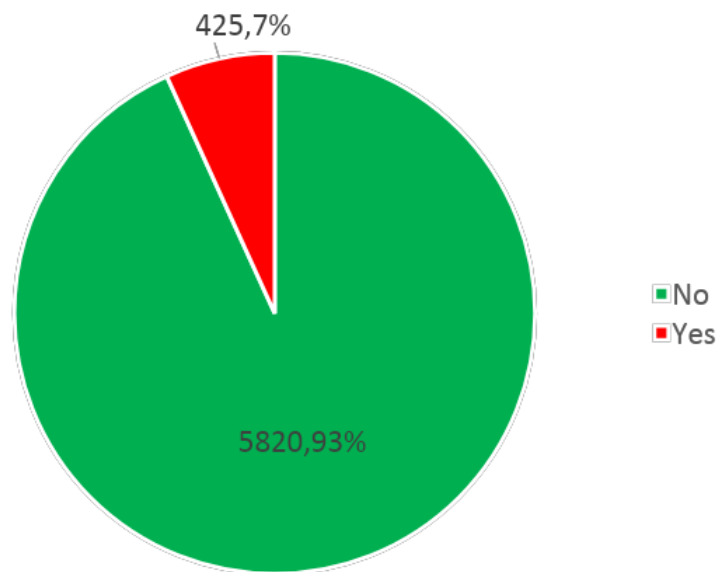


Distribution of clients having challenges receiving HIV care and treatment services with younger people

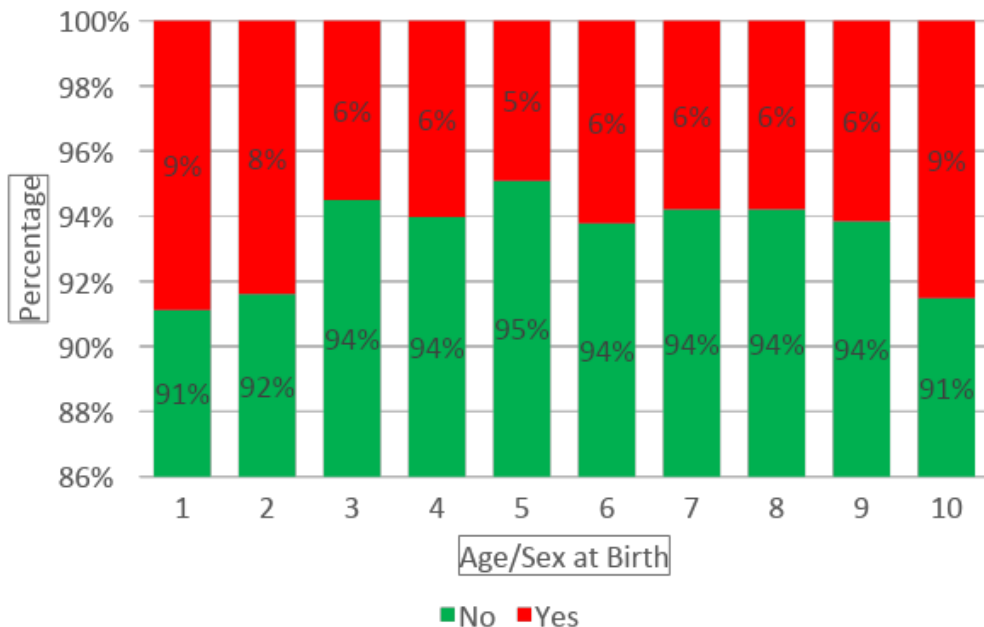


# 93% (5820) of clients have no challenges interacting with other clients in care, particularly in group interactions, N = 6,245

Proportion having challenges interacting with other clients in care, particularly in group interactions

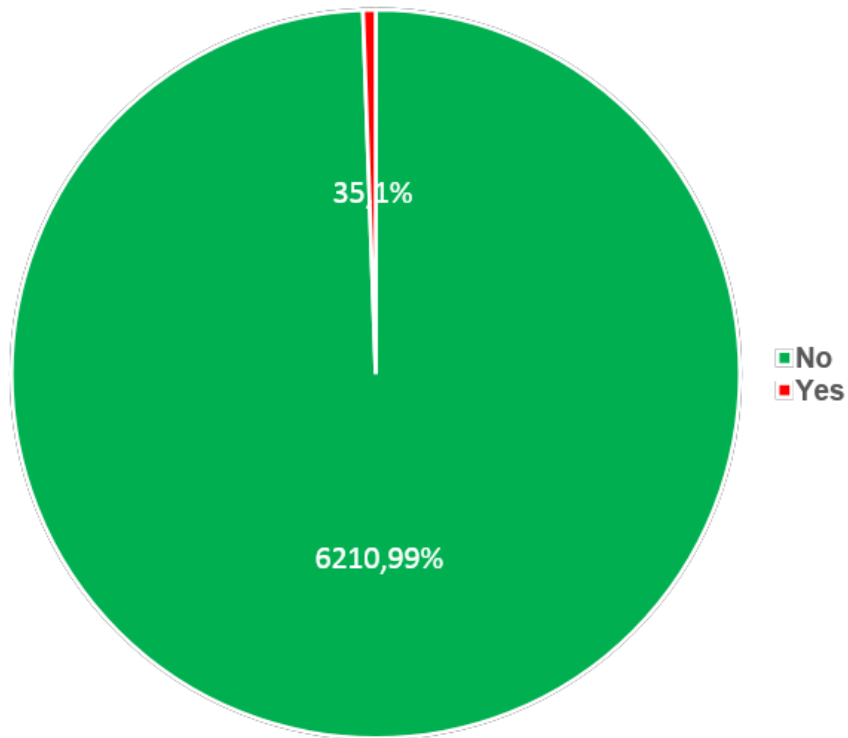


Distribution of clients having challenges interacting with other clients in care, particularly in group interactions

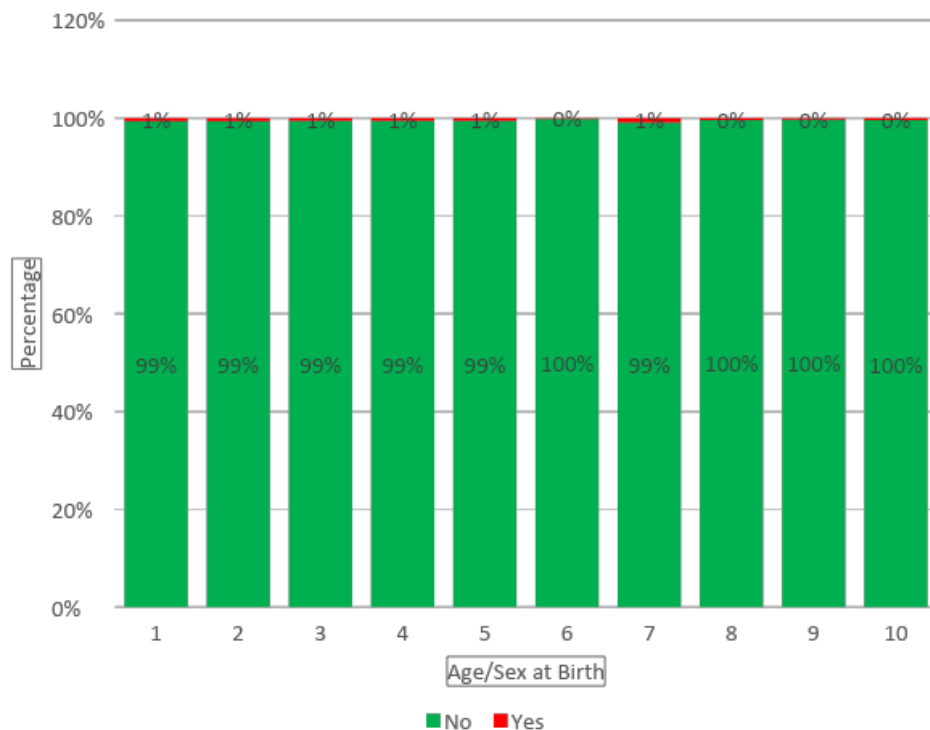


**99% (6,210) of clients report NO denial of access to health services by virtue of their age.**

Proportion of clients reporting being denied access to health services due to their age



Distribution of clients reporting denial of access to health services by virtue of their age



## Detailed focus areas from the survey

### Possible Gaps

#### Communications Barriers

#### Real Issues for review

Language barriers between HCWs and the patients  
Health Literacy amongst ROCs

#### Recommendations

Patient Education and empowerment.  
The use of CHPs to support the Language barriers

#### Stigma and Discrimination

ROCs may be reluctant to disclose other conditions

Use the already existing platforms like PSSGs to address stigma related issues

#### Training and Awareness

HCWs maybe struggling in handling the ageing population

HCWs training/Sensitization on the bare minimum package for the ageing population [ Mental Health Assessment, Linkage to other services]

#### Limited Resources

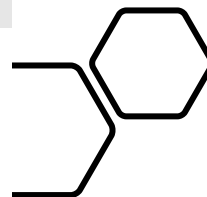
Most of the other conditions are charged while HIV Services are free

Championing for SHIF to help reduce the burden.  
Lobby for waivers on vulnerable Populations

#### Clinical Integration

Most clinics are not integrated

Clinical Integration  
The use of hub and spokes to support clinics







# Thank You!



**USAID**  
KUTOKA KWA WATU  
WA MAREKANI

**Deloitte.**

**GoldStar** Kenya  
Empowering communities for better health