

# THE STATE OF HIV PREVENTION IN BARINGO 2022



Total Population<sup>1</sup>  
**666,763**

**336,322**

**330,428**

Sex Ratio **1,018** / 1000

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.6** / 1000 population

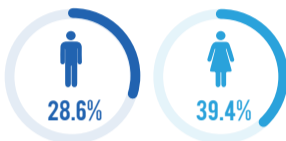
Estimated new infections  
**262**

HIV prevalence  
**1.6%**



Incidence - prevalence ratio (IPR) **0.03**  
20% reduction in IPR will avert **250** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



33.6% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,970**

Female Sex Worker

**568**

Men who have sex with men

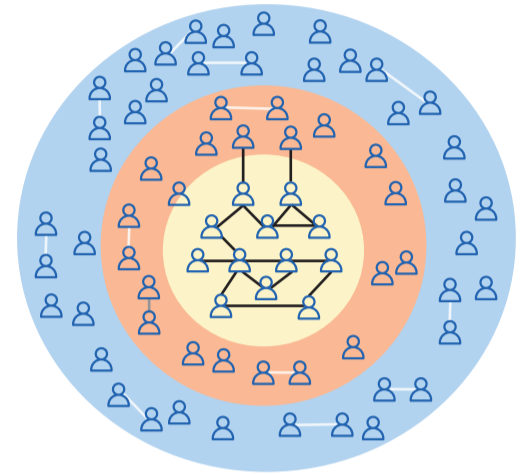
**339**

People who inject drugs

## Epidemic Typology<sup>6</sup>

**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

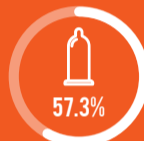
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



42% had sex with a non-marital, non-cohabiting partner



57.3% used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**89%**



89% adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**5,214**



5,214 girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **27%** girls and women who attended ANC

## Education<sup>8</sup>



**73,472**

73,472 girls enrolled in public primary school

**22,164**

22,164 girls enrolled in public secondary school

**70%** drop

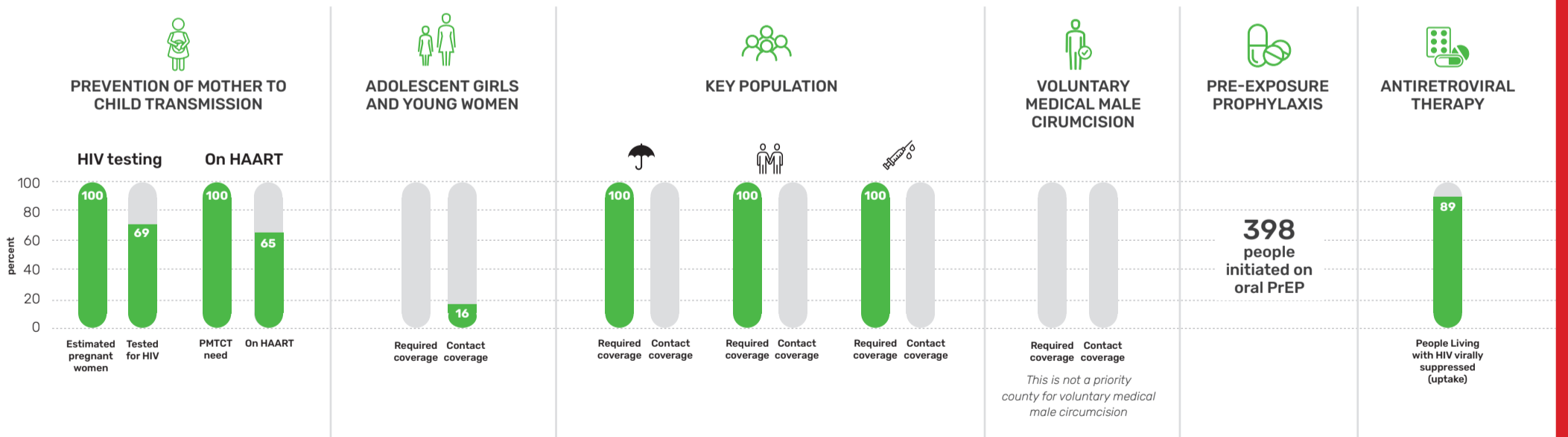
## Experience of Violence<sup>4</sup>

**19%**



19% women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Immediately scale up coverage of pregnant women with HIV testing and saturate coverage of pregnant women living with HIV on HAART
- Initiate and scale up coverage of estimated populations of female sex workers, men who have sex with men and people who inject drugs with prevention programmes
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like pre-exposure prophylaxis, especially among priority populations
- Retain people living with HIV on treatment to keep them virally suppressed
- Address structural barriers like violence, school dropout to improve access to services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med. 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL



# THE STATE OF HIV PREVENTION IN BOMET 2022



Total Population<sup>1</sup>  
**875,689**



**434,287**



**441,379**

Sex Ratio

**984**



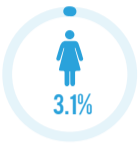
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.7** / 1000 population

Estimated new infections  
**457**

HIV prevalence  
**2.4%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **431** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



42.5% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,603**



Female Sex Worker

**409**



Men who have sex with men

**582**

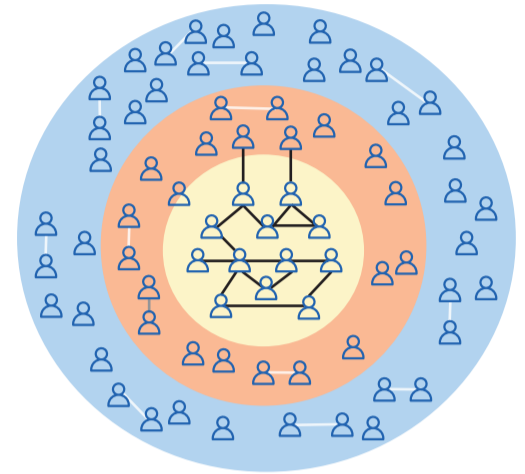


People who inject drugs

## Epidemic Typology<sup>6</sup>

**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

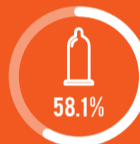
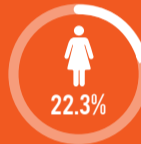
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**95.8%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**10,147**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **37%** girls and women who attended ANC

## Education<sup>8</sup>



**96,453**

girls enrolled in public primary school

**42,020**

girls enrolled in public secondary school

**56%** drop

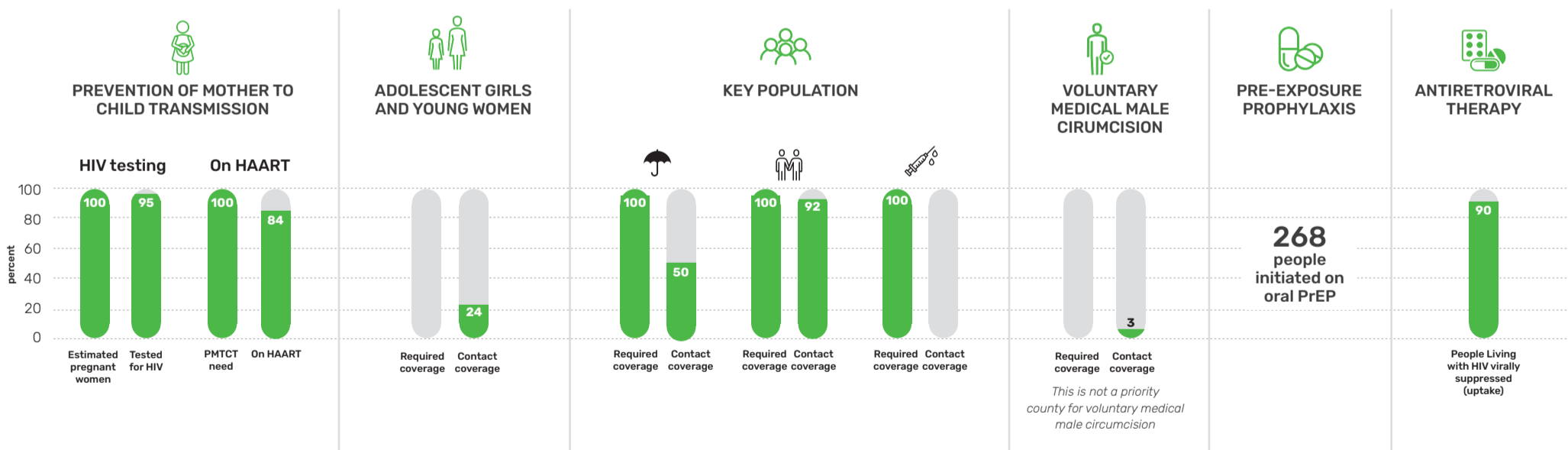
## Experience of Violence<sup>4</sup>

**9%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and men who have sex with men with prevention programmes
- Initiate prevention programmes for people who inject drugs
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN BUNGOMA 2022



Total Population<sup>1</sup>  
**1,670,570**

**812,146**

**858,389**

Sex Ratio **946** / 1000

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.6** / 1000 population

Estimated new infections  
**796**

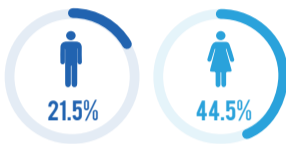
HIV prevalence  
**2.5%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **755** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



33.1% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,716**

Female Sex Worker

**1353**

Men who have sex with men

**413**

People who inject drugs

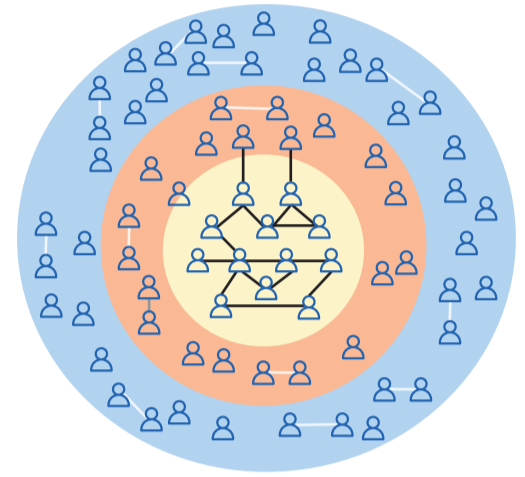
**518**

Transgender population

## Epidemic Typology<sup>6</sup>

**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

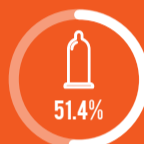
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**97.3%**

adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**14,054**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **23%** girls and women who attended ANC

## Education<sup>8</sup>



**246,863**

girls enrolled in public primary school

**73,973**

girls enrolled in public secondary school

**70%** drop

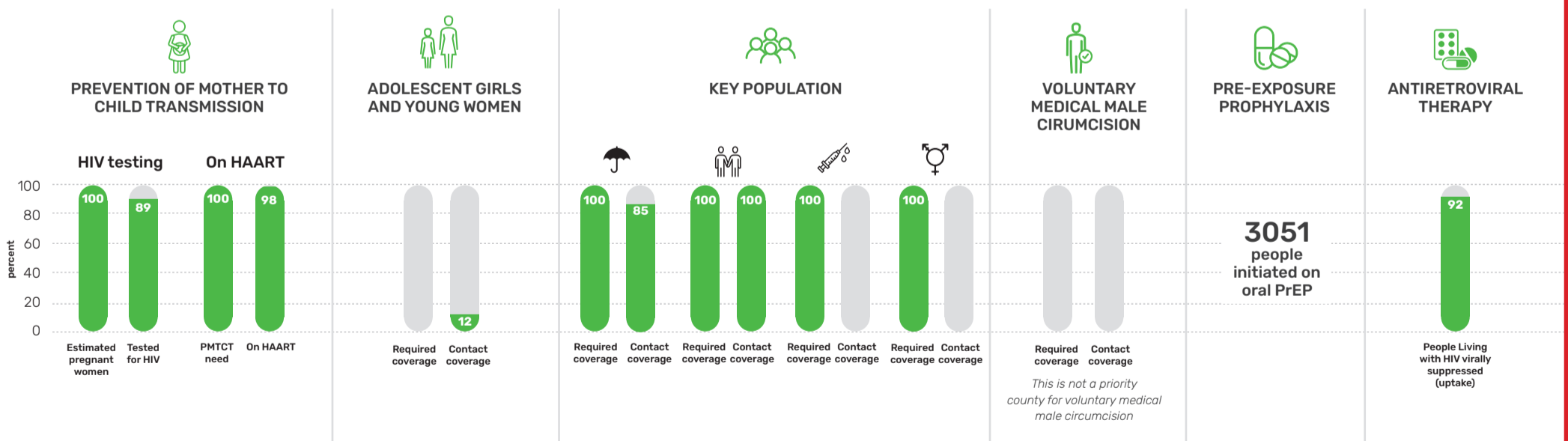
## Experience of Violence<sup>4</sup>

**21%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and men who have sex with men with prevention programmes
- Initiate prevention programmes for people who inject drugs and transgender people
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
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<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI. 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI; 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN BUSIA 2022



Total Population<sup>1</sup>  
**893,681**



**426,252**



**467,401**

Sex Ratio

**912**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.2** / 1000 population

Estimated new infections  
**828**

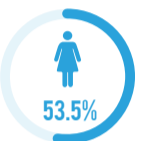
HIV prevalence  
**5.4%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **747** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



45.4% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,421**



Female Sex Worker

**550**



Men who have sex with men

**281**

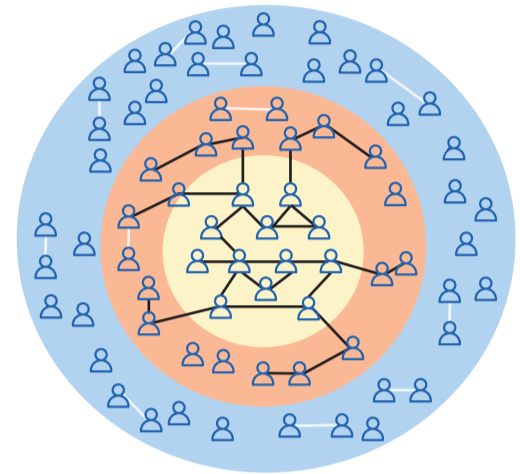


People who inject drugs

## Epidemic Typology<sup>6</sup>

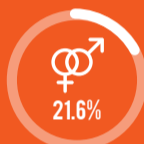
**MIXED:** HIV transmission is sustained by substantial contribution from sub-populations at higher risk and sub-populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

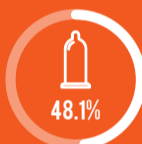
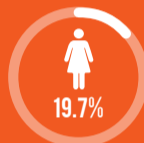
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse before the age of 15 years**



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**81.6%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**6,003**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **21%** girls and women who attended ANC

## Education<sup>8</sup>



**116,580**

girls enrolled in public primary school

**31,292**

girls enrolled in public secondary school

**73%** drop

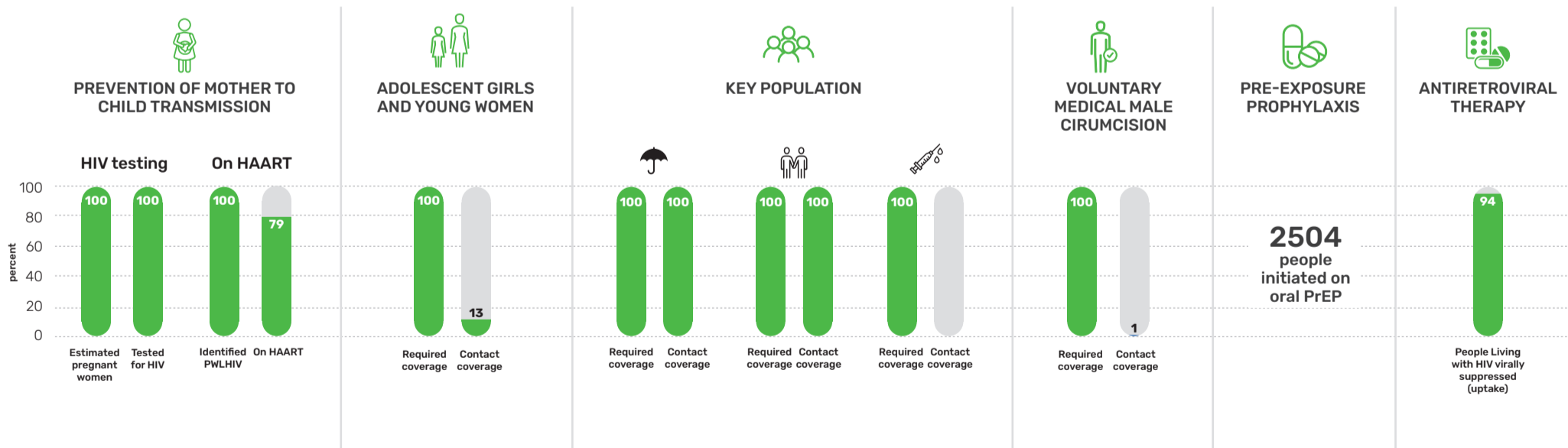
## Experience of Violence<sup>4</sup>

**32.1%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and saturate coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and men who have sex with men with prevention programmes
- Initiate prevention programmes for people who inject drugs
- Allocate resources to scale up prevention programs for adolescent girls and young women
- Allocate resources and scale up coverage of VMMC
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
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<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN ELGEYO-MARAKWET 2022



Total Population<sup>1</sup>  
**454,480**



**227,317**



**227,151**

Sex Ratio

1001



1000

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.7** / 1000 population

Estimated new infections  
**218**

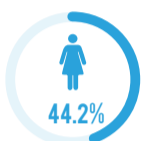
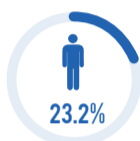
HIV prevalence  
**2.0%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **207** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



33.8% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,268**



Female Sex Worker

**186**



Men who have sex with men

**291**

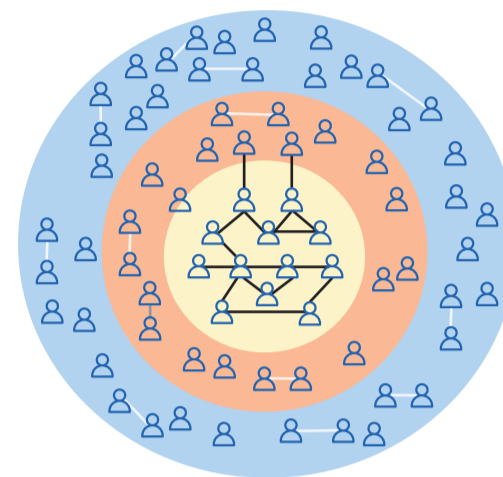


People who inject drugs

## Epidemic Typology<sup>6</sup>

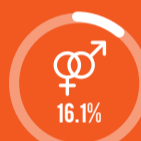
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks

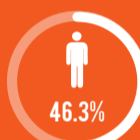


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

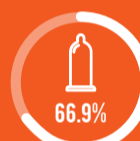
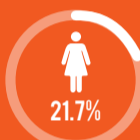
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



46.3% had sex with a non-marital, non-cohabiting partner



66.9% used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**87.9%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**3,757**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **25%** girls and women who attended ANC

## Education<sup>8</sup>



**53,187**

girls enrolled in public primary school

**20,232**

girls enrolled in public secondary school

**62%** drop

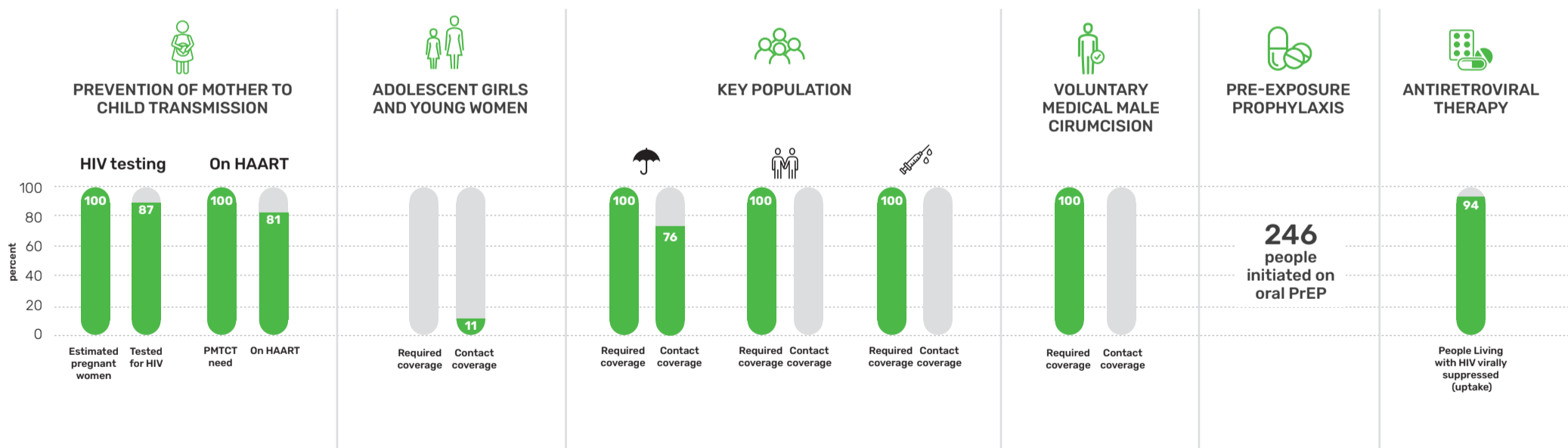
## Experience of Violence<sup>4</sup>

**18%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and scale up programme for men who have sex with men and people who inject drugs with prevention programmes
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among the FSW populations
- Address structural barriers like violence to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
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<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN EMBU 2022



Total Population<sup>1</sup>  
**608,599**



**304,208**



**304,367**

Sex Ratio

**999** /

**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.5** / 1000 population

Estimated new infections  
**230**

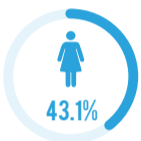
HIV prevalence  
**2.2%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **222** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



34.5% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,850**



Female Sex Worker

**427**

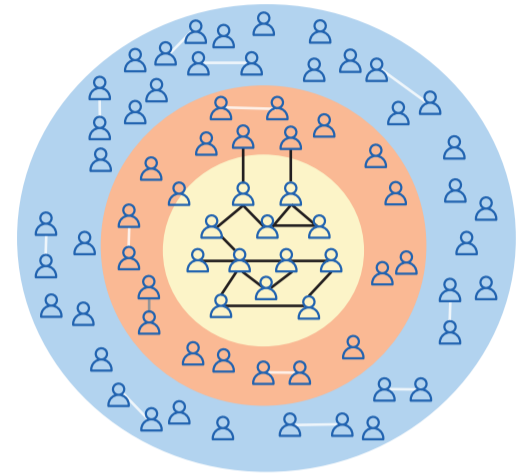


Men who have sex with men

## Epidemic Typology<sup>6</sup>

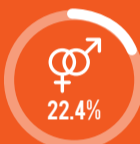
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

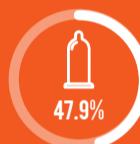
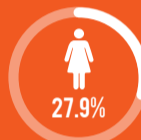
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**94.4%**

adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**2,416**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **16%** girls and women who attended ANC

## Education<sup>8</sup>



**96,916**

girls enrolled in public primary school

**27,831**

girls enrolled in public secondary school

**71%**

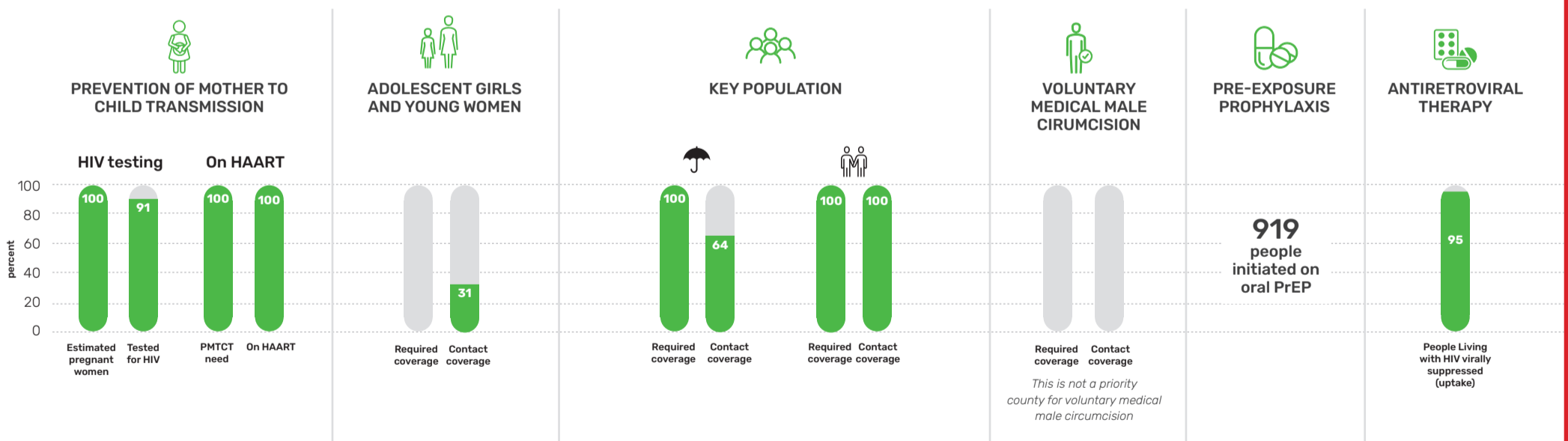
drop

## Experience of Violence<sup>4</sup>

**22%**

women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and scale up coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and men who have sex with men with prevention programmes
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN GARISSA 2022



Total Population<sup>1</sup>  
**841,353**



**458,975**



**382,344**

Sex Ratio

**1200**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.0** / 1000 population

Estimated new infections  
**38**

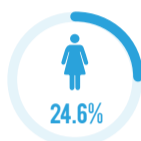
HIV prevalence  
**0.2%**



Incidence - prevalence ratio (IPR)  
**0.01**

20% reduction in IPR will avert **38** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



21.4% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,149**



Female Sex Worker

**1,285**



Men who have sex with men

**299**

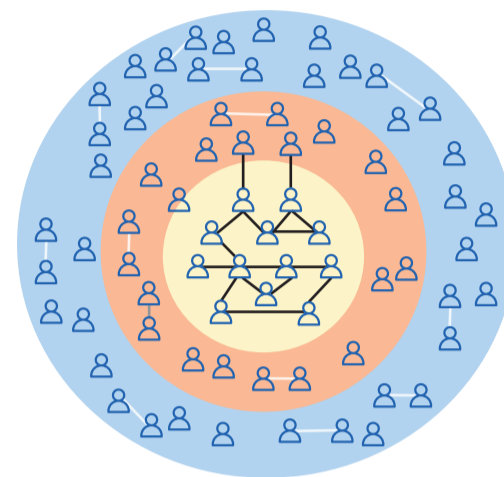


People who inject drugs

## Epidemic Typology<sup>6</sup>

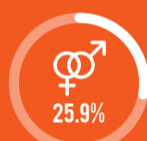
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner

Condom Use:  
No data

## Circumcision<sup>4</sup>

**98.9%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**6,033**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **17%** girls and women who attended ANC

## Education<sup>8</sup>



**20,804**

girls enrolled in public primary school

**8,061**

girls enrolled in public secondary school

**61%**

drop

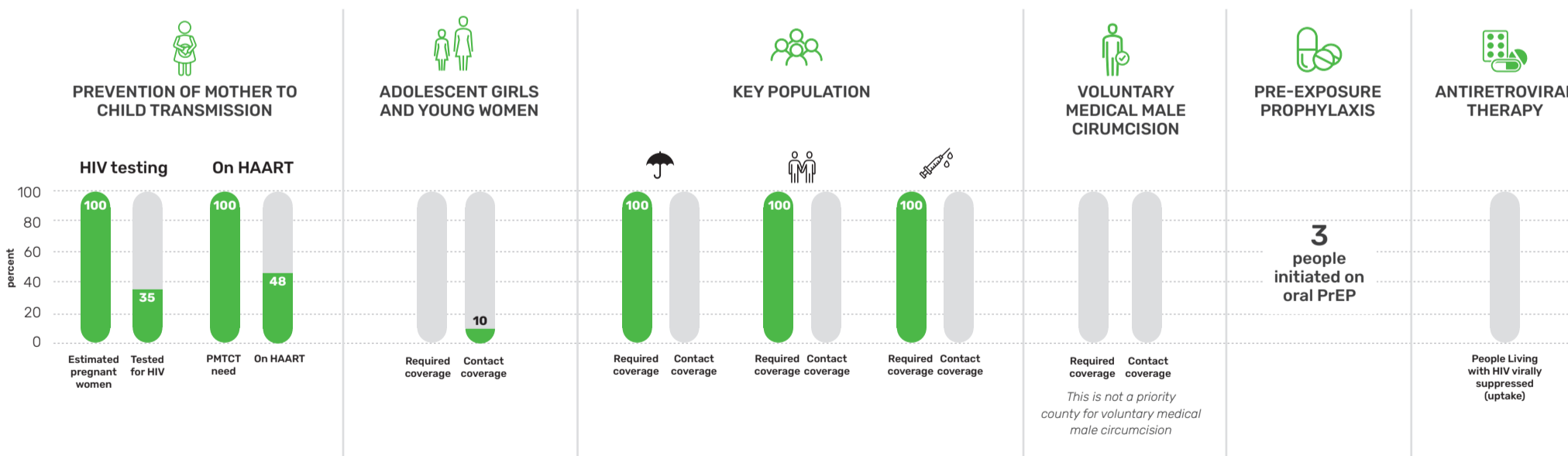
## Experience of Violence<sup>4</sup>

**3%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Immediately scale up coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Initiate and scale up coverage of female sex workers, men who have sex with men, people who inject drugs with prevention programmes
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN HOMABAY 2022



Total Population<sup>1</sup>  
**1,131,950**



**539,560**



**592,367**

Sex Ratio

**911**



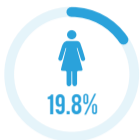
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**4.1** / 1000 population

Estimated new infections  
**2695**

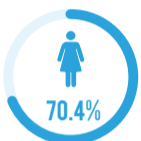
HIV prevalence  
**16.2%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **1816** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



65.6% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,823**



Female Sex Worker

**983**



Men who have sex with men

**55**



People who inject drugs

**85**

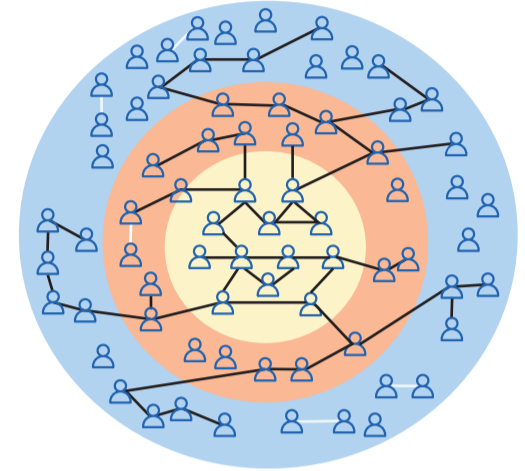


Transgender population

## Epidemic Typology<sup>6</sup>

**GENERALISING:** HIV transmission is mostly sustained by high risk sexual behaviours in the population, without any substantial contribution by defined sub population at risk.

Key population networks  
Priority and vulnerable population networks  
General population networks

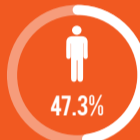


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

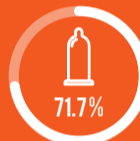
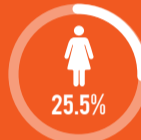
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**59.1%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**10,116**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **25%** girls and women who attended ANC

## Education<sup>8</sup>



**137,462**

girls enrolled in public primary school

**54,242**

girls enrolled in public secondary school

**61%**

drop

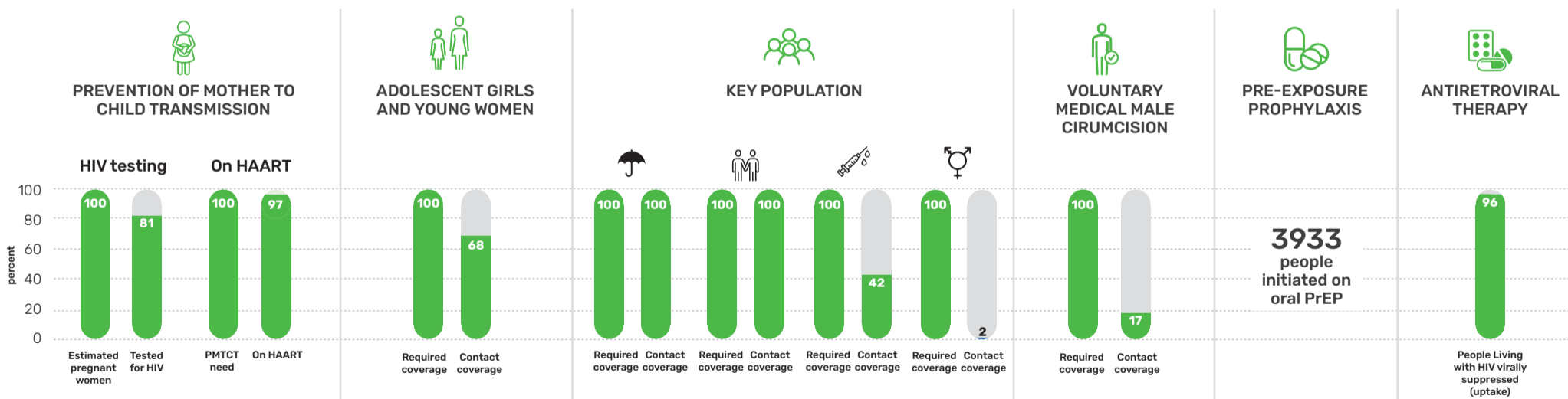
## Experience of Violence<sup>4</sup>

**30%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Allocate resources for AGYW programming and scale up coverage of AGYW with prevention programmes
- Maintain high coverage of female sex workers, men who have sex with men and people who inject drugs with prevention programmes
- Initiate prevention programmes for transgender people
- Allocate resources and scale up VMMC among uncircumcised men
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services
- Ensure other high risk networks within general population like fisher folk are covered with HIV prevention programmes

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCCOP). Preliminary KENPHIA 2018 Report. Nairobi: NASCCOP, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCCOP). Key Population Size Estimation - Phase II Report. Nairobi: NASCCOP, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCCOP). KHIS data December 2021. Nairobi: NASCCOP, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**





# THE STATE OF HIV PREVENTION IN ISIOLO 2022



Total Population<sup>1</sup>  
**268,002**

**139,510**

**128,483**

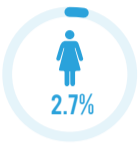
Sex Ratio **1086** / **1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.5** / 1000 population

Estimated new infections  
**98**

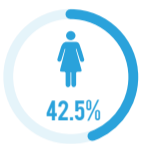
HIV prevalence  
**1.8%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **94** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



37.4% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**688**



Female Sex Worker

**346**



Men who have sex with men

**817**

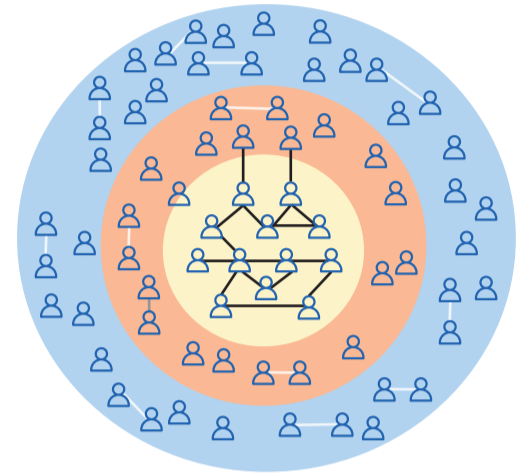


People who inject drugs

## Epidemic Typology<sup>6</sup>

**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

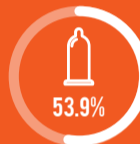
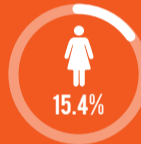
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**92.9%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**2,256**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **27%** girls and women who attended ANC

## Education<sup>8</sup>



**14,721**

girls enrolled in public primary school

**2,974**

girls enrolled in public secondary school

**80%** drop

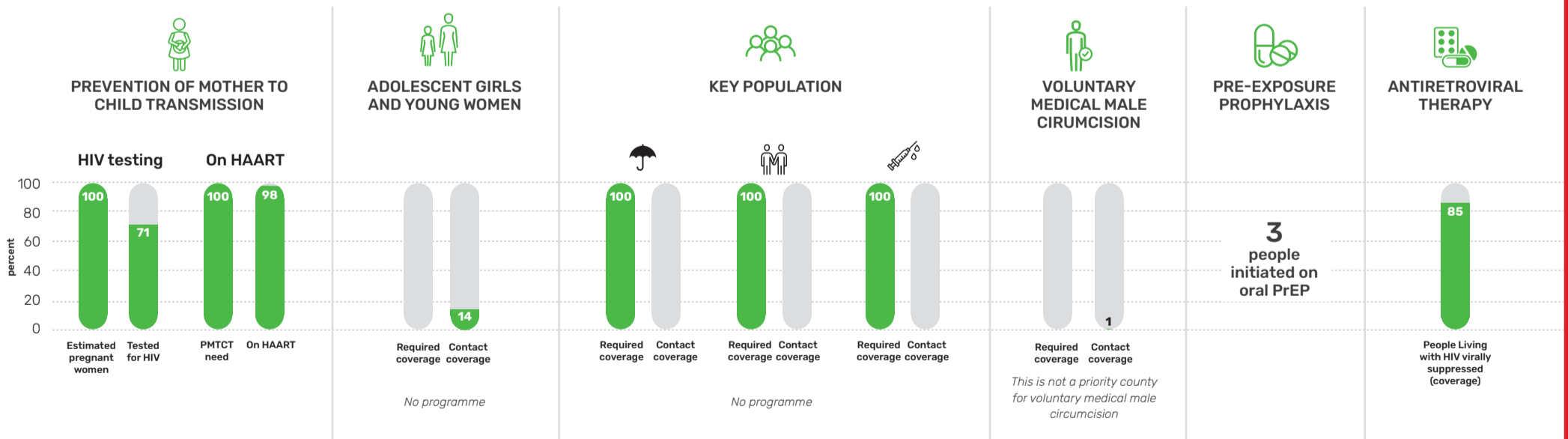
## Experience of Violence<sup>4</sup>

**5%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Initiate prevention programmes with female sex workers, men who have sex with men and people who inject drugs
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med. 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI. 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI. 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI; 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KAJIADO 2022



Total Population<sup>1</sup>  
**1,117,840**



**557,098**



**560,704**

Sex Ratio

**994**



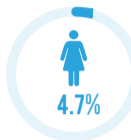
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.1** / 1000 population

Estimated new infections  
**966**

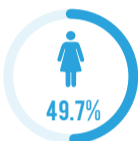
HIV prevalence  
**3.5%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **878** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



44.6% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**7,645**



Female Sex Worker

**1,759**



Men who have sex with men

**436**



People who inject drugs

**112**

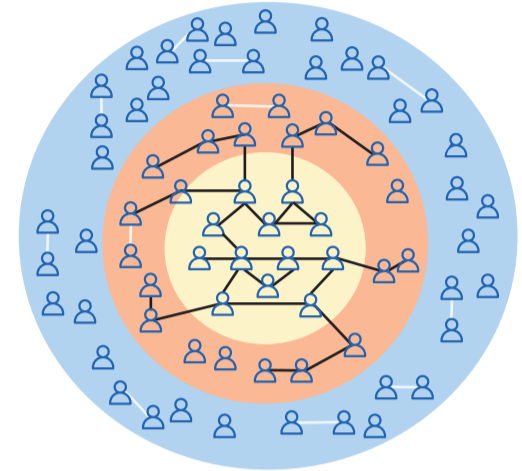


Transgender population

## Epidemic Typology<sup>6</sup>

**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

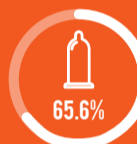
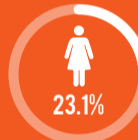
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**96.1%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**11,084**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **25%** girls and women who attended ANC

## Education<sup>8</sup>



**66,538**

girls enrolled in public primary school

**15,196**

girls enrolled in public secondary school

**77%** drop

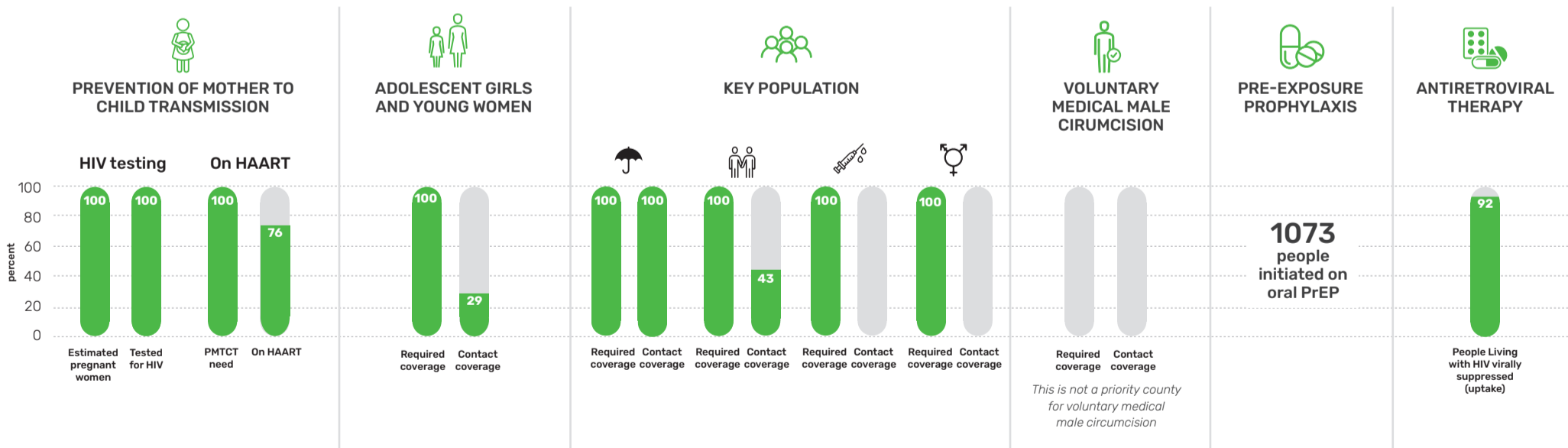
## Experience of Violence<sup>4</sup>

**18%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Initiate and scale up prevention programmes for adolescent girls and young women
- Scale up coverage of female sex workers and men who have sex with men and initiate prevention programmes for people who inject drugs and transgender people
- Allocate resources for condom promotion and distribution
- Ensure all people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC), HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO), Preliminary KENPHIA 2018 Report, Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO), Key Population Size Estimation - Phase II Report, Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC), HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO), KHIS data December 2021, Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KAKAMEGA 2022



Total Population<sup>1</sup>  
**1,867,579**



**897,133**



**970,406**

Sex Ratio

**924**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.8** / 1000 population

Estimated new infections  
**1198**

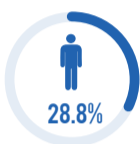
HIV prevalence  
**3.6%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **1,117** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



38.4% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,525**



Female Sex Worker

**1378**



Men who have sex with men

**329**



People who inject drugs

**91**

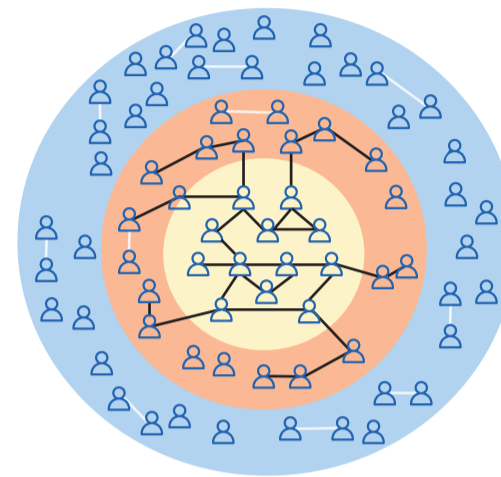


Transgender population

## Epidemic Typology<sup>6</sup>

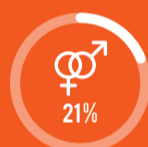
**MIXED:** HIV transmission is sustained by substantial contribution from sub-populations at higher risk and sub-populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

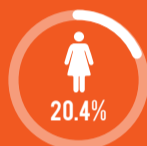
## Sexual Debut and Condom Use<sup>4</sup>



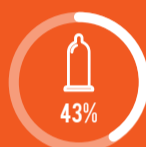
older adolescents and young adults had **sexual intercourse** before the age of 15 years



39.4% had sex with a non-marital, non-cohabiting partner



20.4%



43% used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**99.7%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**15,116**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **25%** girls and women who attended ANC

## Education<sup>8</sup>



**261,637**

girls enrolled in public primary school

**77,356**

girls enrolled in public secondary school

**70%** drop

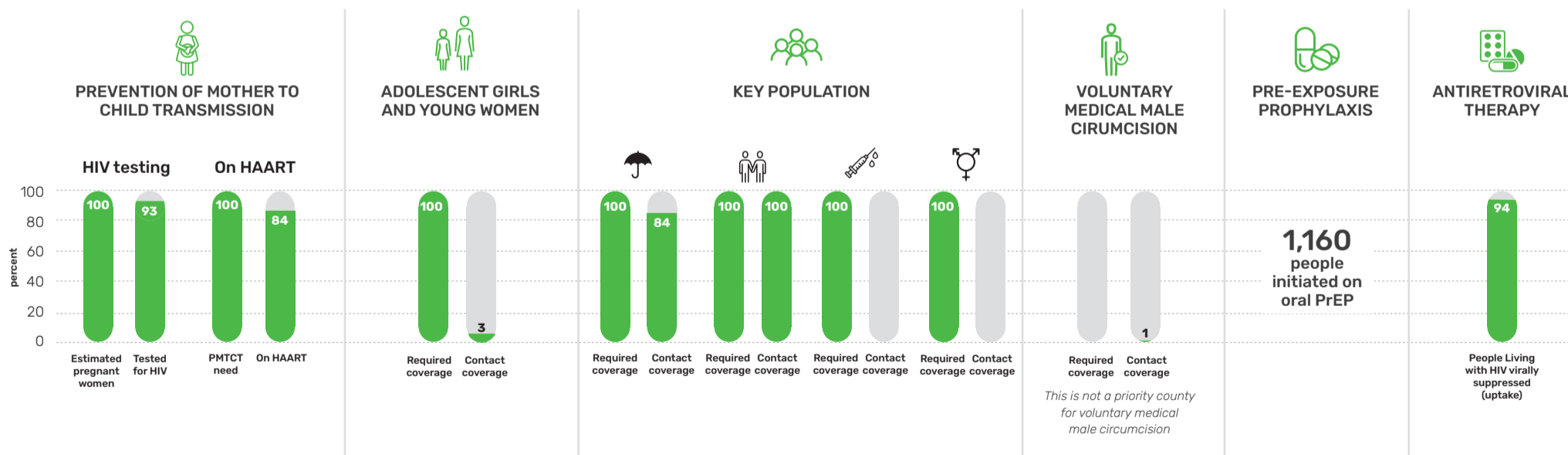
## Experience of Violence<sup>4</sup>

**20%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and men who have sex with men with prevention programmes
- Initiate prevention programmes for people who inject drugs and transgender people
- Allocate resources to scale up prevention programs for adolescent girls and young women
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KERICHO 2022



Total Population<sup>1</sup>  
**901,777**

**450,741**

**451,008**

Sex Ratio **999** / **1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1/1000**  
population

Estimated new infections  
**666**

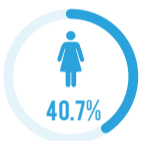
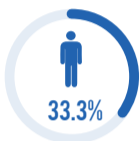
HIV prevalence  
**3.2%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **613** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



36.8% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,333**



Female Sex Worker

**605**



Men who have sex with men

**180**



People who inject drugs

**10**

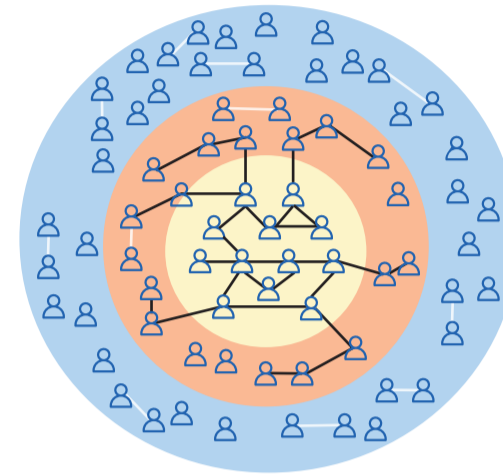


Transgender population

## Epidemic Typology<sup>6</sup>

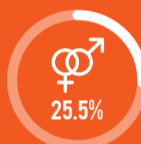
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

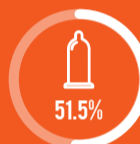
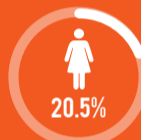
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**96.1%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**7,150**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **27%** girls and women who attended ANC

## Education<sup>8</sup>



**87,322**

girls enrolled in public primary school

**39,554**

girls enrolled in public secondary school

**55%** drop

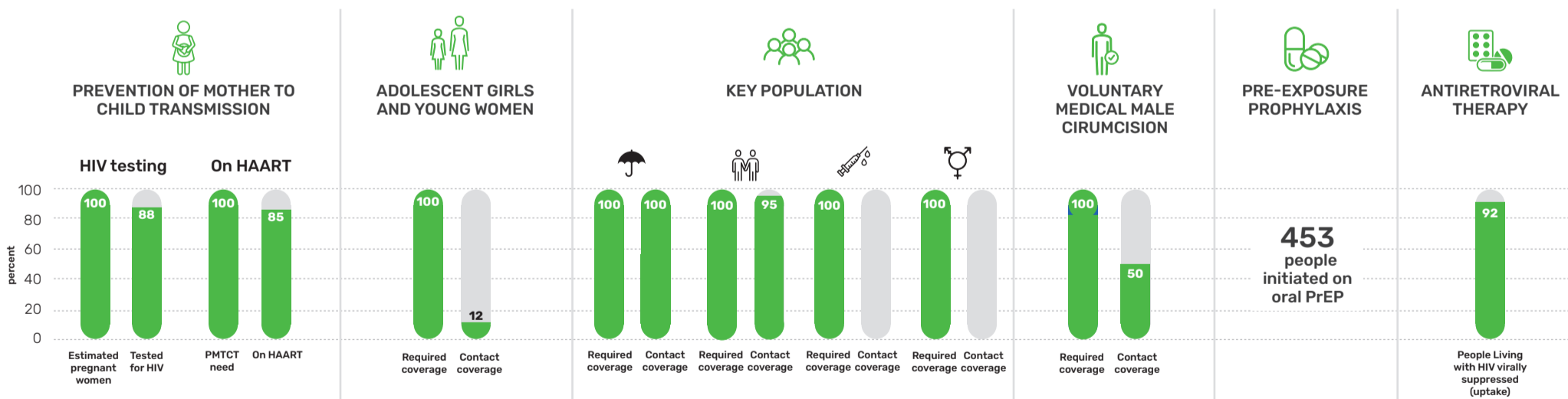
## Experience of Violence<sup>4</sup>

**12%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Scale up coverage of adolescent girls and young women with HIV prevention programmes
- Maintain high coverage of female sex workers and men who have sex with men and initiate programmes for people who inject drugs
- Scale up VMMC among uncircumcised high risk men
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KIAMBU 2022



Total Population<sup>1</sup>  
**2,417,735**



**1,187,146**



**1,230,454**

Sex Ratio

**965**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3** / 1000 population

Estimated new infections  
**729**

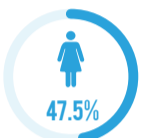
HIV prevalence  
**2.3%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **709** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



40% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**5,809**



Female Sex Worker

**2,580**



Men who have sex with men

**1,045**



People who inject drugs

**104**

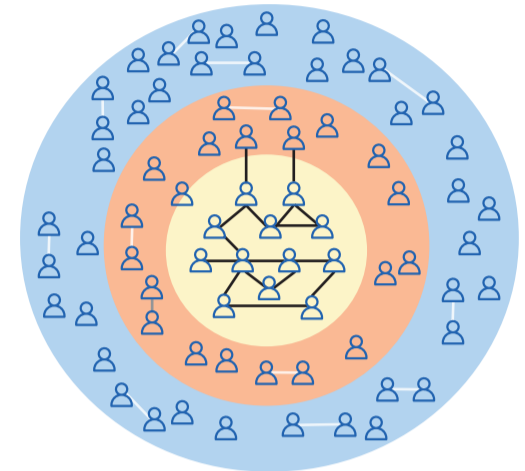


Transgender population

## Epidemic Typology<sup>6</sup>

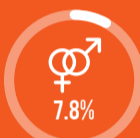
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks

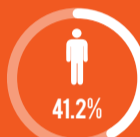


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

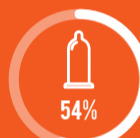
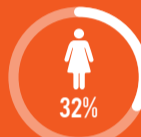
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**96.7%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**8,330**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **12%** girls and women who attended ANC

## Education<sup>8</sup>



**109,153**

girls enrolled in public primary school

**62,890**

girls enrolled in public secondary school

**42%** drop

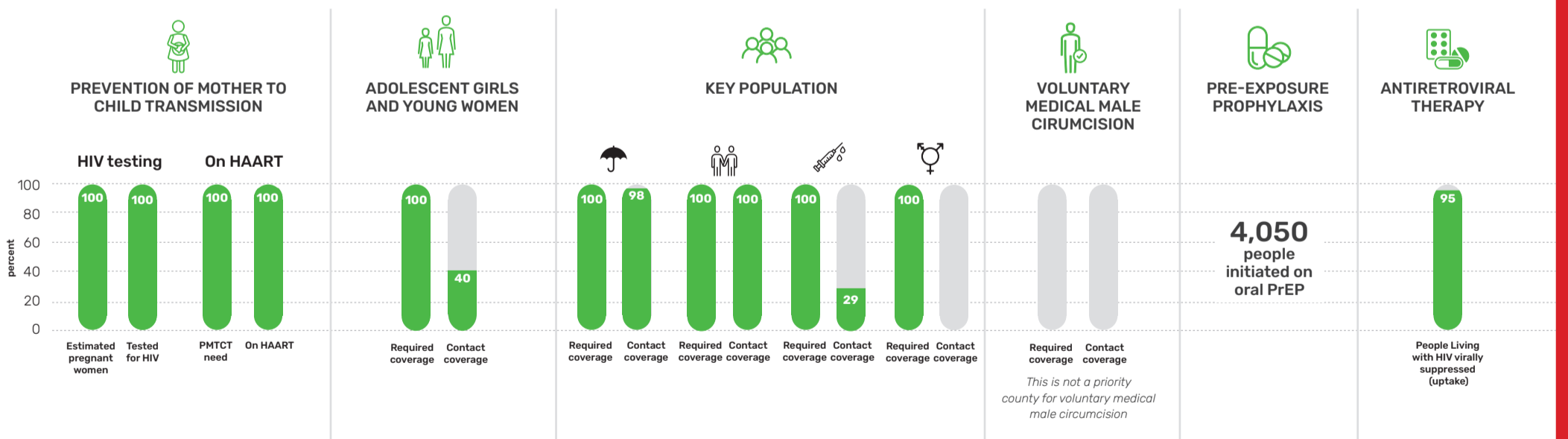
## Experience of Violence<sup>4</sup>

**15%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and men who have sex with men with prevention programmes
- Scale up prevention programmes for people who inject drugs
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCCOP). Preliminary KENPHIA 2018 Report. Nairobi: NASCCOP, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCCOP). Key Population Size Estimation - Phase II Report. Nairobi: NASCCOP, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCCOP), KHIS data December 2021. Nairobi: NASCCOP, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KILIFI 2022



Total Population<sup>1</sup>  
**1,453,787**



**704,089**



**749,673**

Sex Ratio

**939**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.7** / 1000 population

Estimated new infections  
**713**

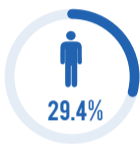
HIV prevalence  
**2.8%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **672** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



35.6% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**6,696**



Female Sex Worker

**4,589**



Men who have sex with men

**3,168**



People who inject drugs

**341**

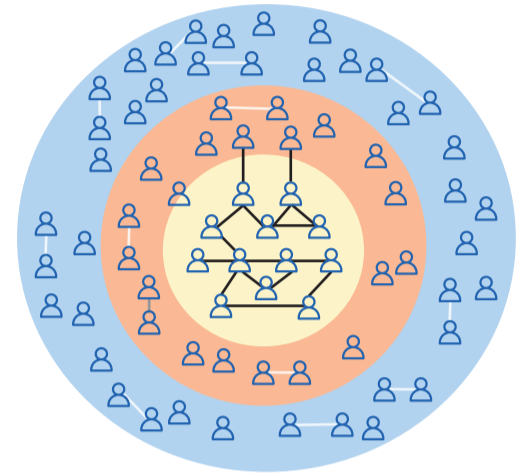


Transgender population

## Epidemic Typology<sup>6</sup>

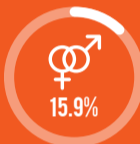
**MIXED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

- Key population networks
- Priority and vulnerable population networks
- General population networks

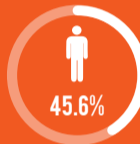


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**99.2%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**7,440**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **14%** girls and women who attended ANC

## Education<sup>8</sup>



**153,477**

girls enrolled in public primary school

**36,208**

girls enrolled in public secondary school

**76%**

drop

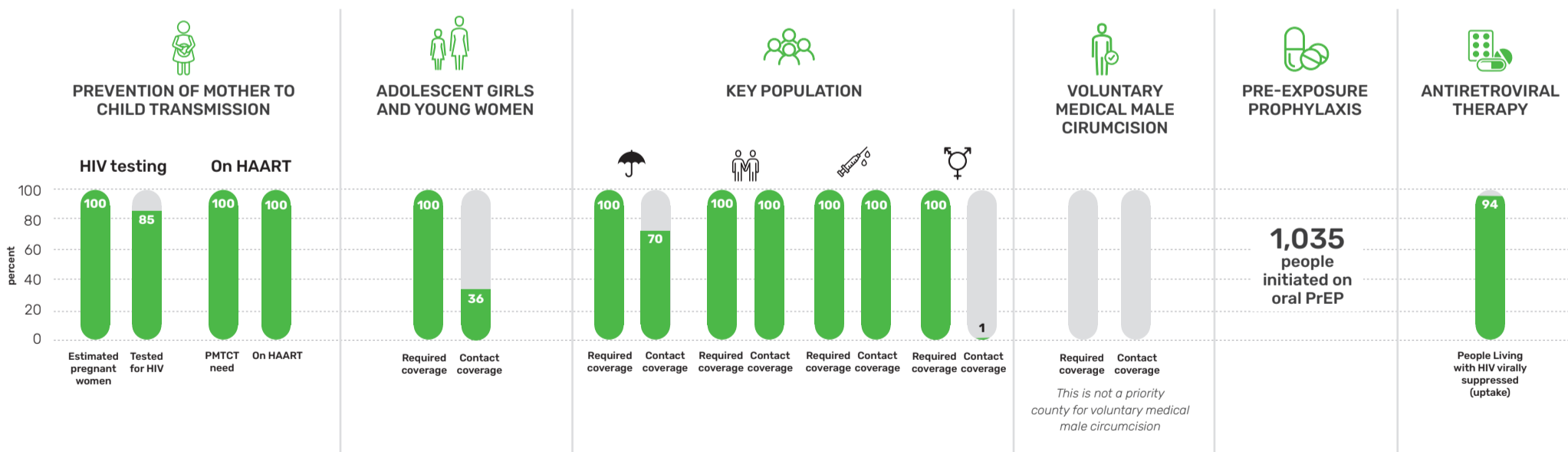
## Experience of Violence<sup>4</sup>

**16%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers, men who have sex with men and people who inject drugs with prevention programmes
- Initiate prevention programmes for transgender people
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services
- Initiate programmes for AGYW

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI. 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI. 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI; 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KIRINYAGA 2022



Total Population<sup>1</sup>  
**610,411**



**302,011**



**308,369**

Sex Ratio

**979**



**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3** / 1000 population

Estimated new infections  
**157**

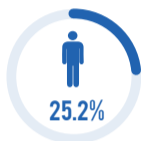
HIV prevalence  
**2.5%**



Incidence - prevalence ratio (IPR)  
**0.01**

20% reduction in IPR will avert **154** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



37.8% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,497**



Female Sex Worker

**437**



Men who have sex with men

**381**

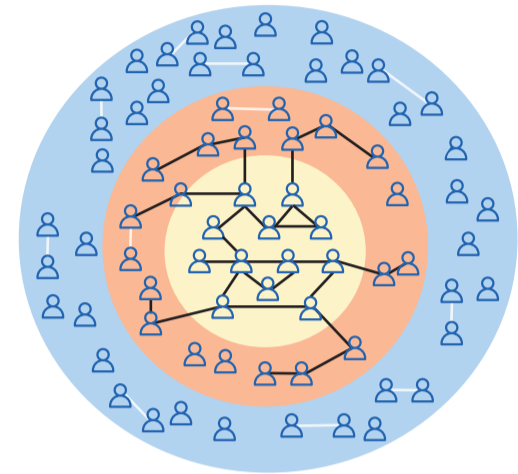


People who inject drugs

## Epidemic Typology<sup>6</sup>

**MIXED:** HIV transmission is sustained by substantial contribution from sub-populations at higher risk and sub-populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

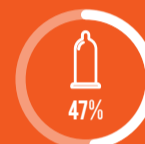
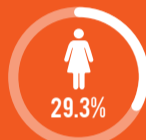
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**96.4%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**2,347**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **16%** girls and women who attended ANC

## Education<sup>8</sup>



**36,911**

girls enrolled in public primary school

**24,870**

girls enrolled in public secondary school

**33%** drop

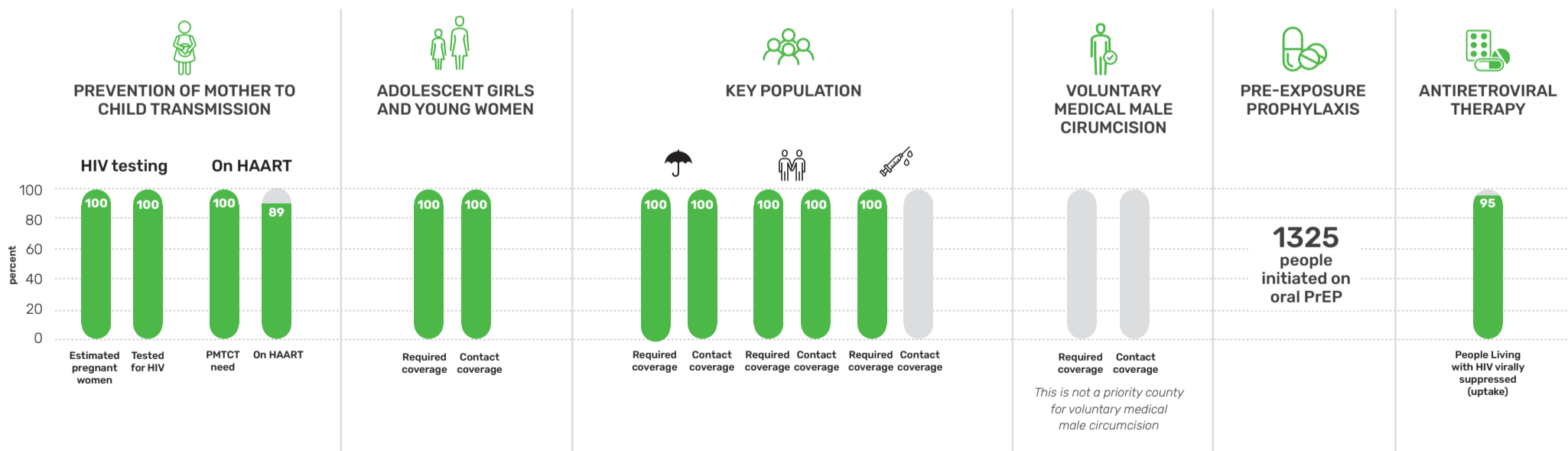
## Experience of Violence<sup>4</sup>

**17%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Allocate resources for prevention programmes with adolescent girls and young women
- Maintain high coverage of female sex workers, men who have sex with men
- Initiate prevention programmes for people who inject drugs
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med. 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI. 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI. 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI; 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KISII 2022



Total Population<sup>1</sup>  
**1,266,860**



**605,784**



**661,038**

Sex Ratio

**916**



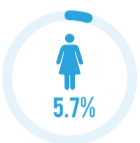
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.3** / 1000 population

Estimated new infections  
**1,065**

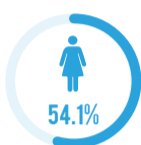
HIV prevalence  
**4.7%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **958** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



49.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**6,538**



Female Sex Worker

**885**



Men who have sex with men

**29**



People who inject drugs

**63**

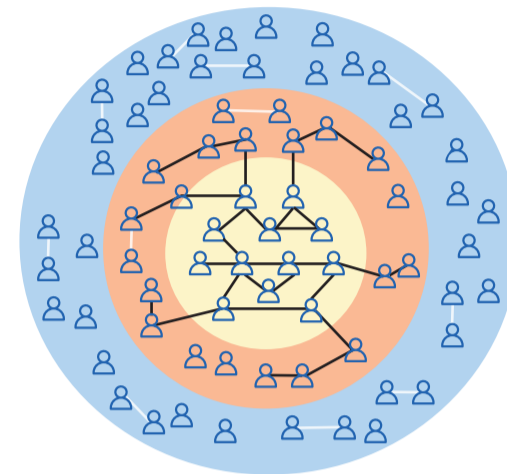


Transgender population

## Epidemic Typology<sup>6</sup>

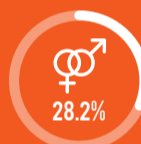
**MIXED:** HIV transmission is sustained by substantial contribution from sub-populations at higher risk and sub-populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

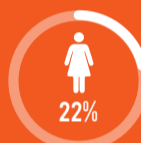
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**98.5%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**10,149**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **28%** girls and women who attended ANC

## Education<sup>8</sup>



**130,259**

girls enrolled in public primary school

**65,932**

girls enrolled in public secondary school

**49%** drop

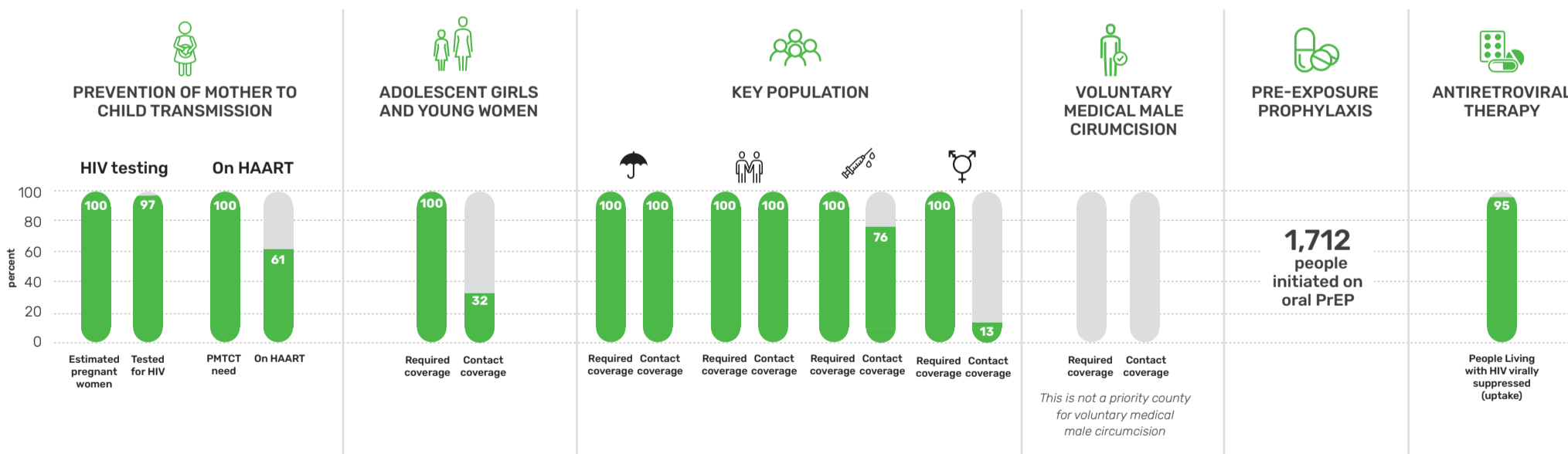
## Experience of Violence<sup>4</sup>

**17%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Maintain high coverage of adolescent girls and young women in prevention programmes
- Maintain high coverage of female sex workers, men who have sex with men and people who inject drugs with prevention programmes
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**





# THE STATE OF HIV PREVENTION IN KISUMU 2022



Total Population<sup>1</sup>  
**1,155,574**



**560,942**



**594,609**

Sex Ratio

**943**



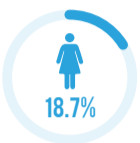
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**4.4** / 1000 population

Estimated new infections  
**3117**

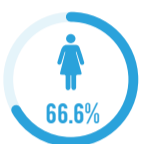
HIV prevalence  
**15.5%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **2,031** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



61.6% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**5,277**



Female Sex Worker

**4025**



Men who have sex with men

**390**



People who inject drugs

**220**

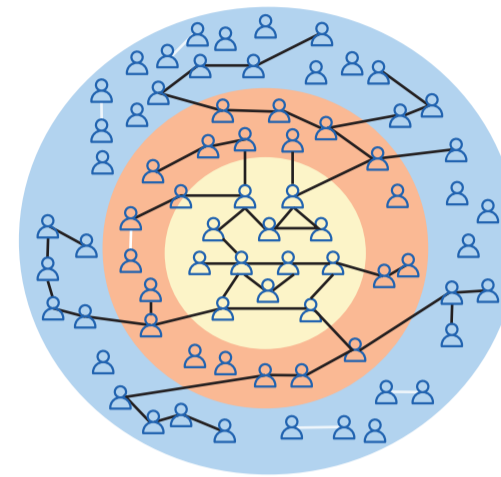


Transgender population

## Epidemic Typology<sup>6</sup>

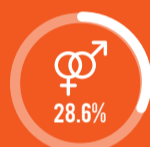
**GENERALISING:** HIV transmission is mostly sustained by high risk sexual behaviours in the population, without any substantial contribution by defined sub population at risk.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

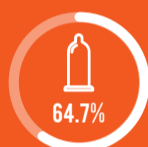
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**53.3%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**6,763**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **17%** girls and women who attended ANC

## Education<sup>8</sup>



**125,627**

girls enrolled in public primary school

**43,219**

girls enrolled in public secondary school

**66%** drop

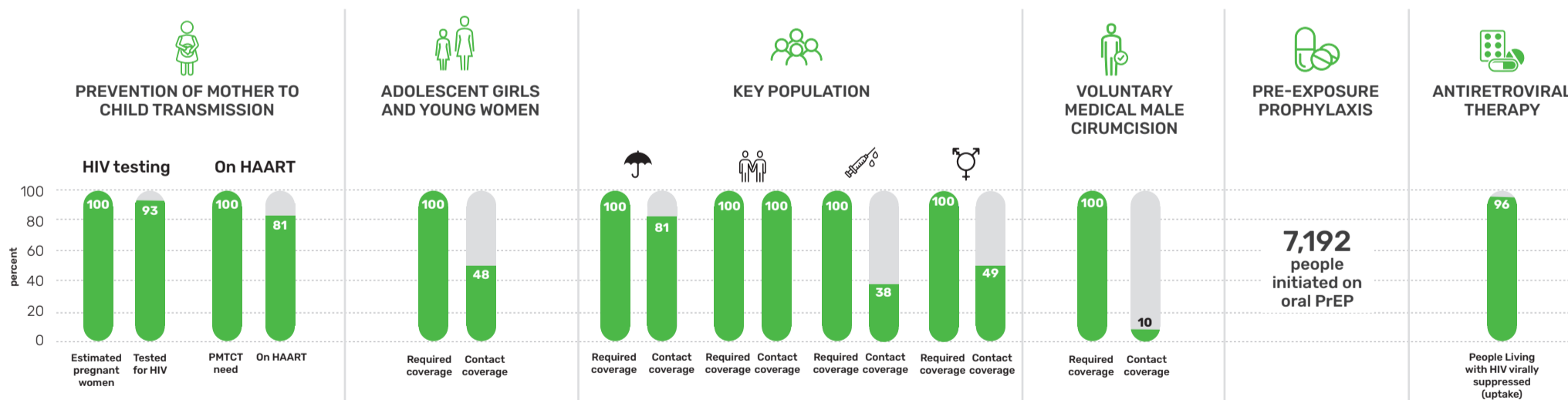
## Experience of Violence<sup>4</sup>

**34%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers, men who have sex with men and people who inject drugs with prevention programmes
- Initiate prevention programmes for transgender people
- Allocate resources and increase reach of adolescent girls and young women with prevention programmes
- Scale up VMMC among uncircumcised high risk men
- Scale up HIV prevention programmes for other vulnerable groups like fisherfolk
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KITUI 2022



Total Population<sup>1</sup>  
**1,136,187**



**549,003**



**587,151**

Sex Ratio

**935**



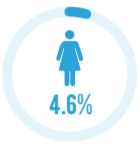
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.7** / 1000 population

Estimated new infections  
**614**

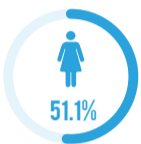
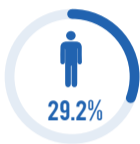
HIV prevalence  
**3.3%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **578** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



40.7% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,972**



Female Sex Worker

**500**



Men who have sex with men

**387**



People who inject drugs

**37**

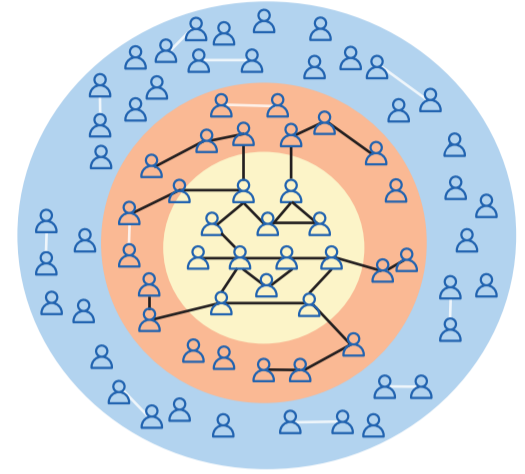


Transgender population

## Epidemic Typology<sup>6</sup>

**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

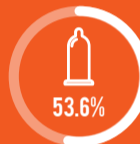
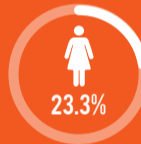
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**98.9%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**7,666**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **24%** girls and women who attended ANC

## Education<sup>8</sup>



**145,983**

girls enrolled in public primary school

**47,654**

girls enrolled in public secondary school

**67%**

drop

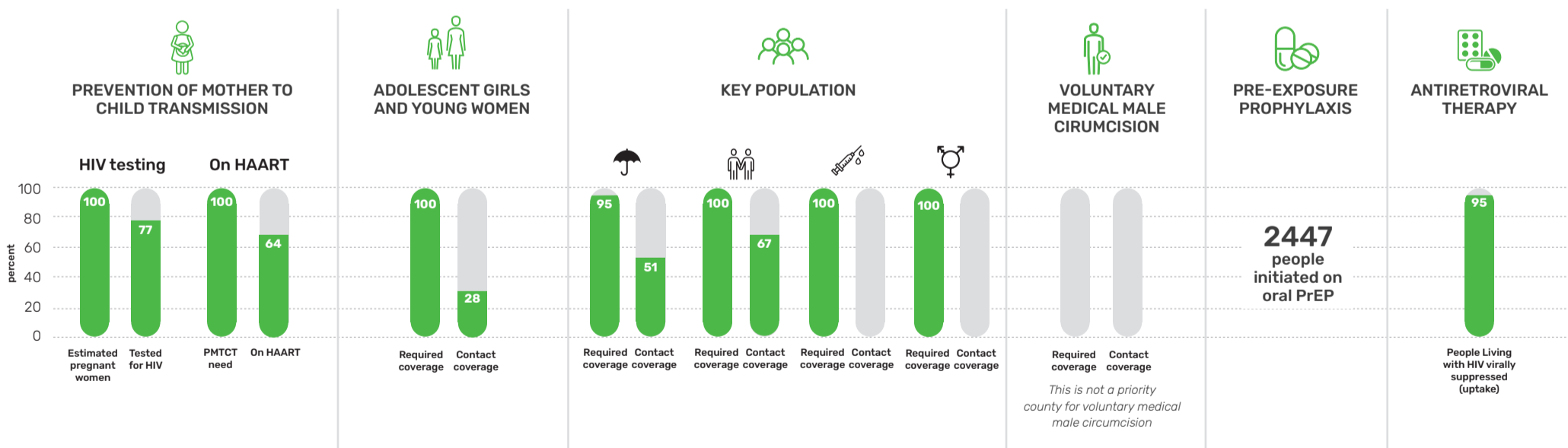
## Experience of Violence<sup>4</sup>

**19%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Initiate HIV prevention programmes for adolescent girls and young women
- Scale up coverage of female sex workers and maintain high coverage of men who have sex with men
- Initiate HIV prevention programmes for people who inject drugs and transgender people
- Allocate resources for condom promotion and distribution
- Ensure people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN KWALE 2022



Total Population<sup>1</sup>  
**866,820**

**425,121**

**441,681**

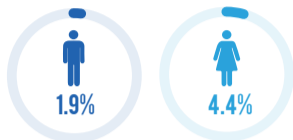
Sex Ratio  
**963** / **1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.8** / 1,000 population

Estimated new infections  
**453**

HIV prevalence  
**3.1%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **425** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



46% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,833**

Female Sex Worker

**1,026**

Men who have sex with men

**1,127**

People who inject drugs

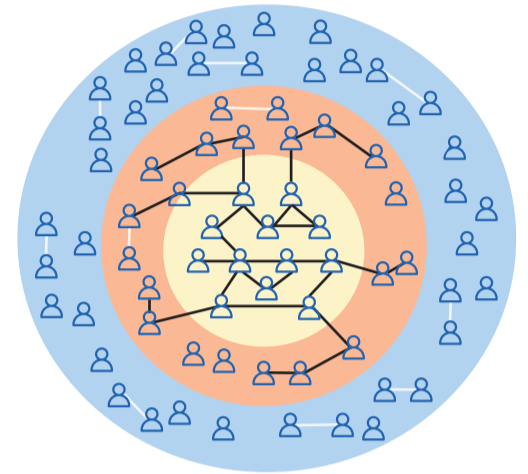
**68**

Transgender population

## Epidemic Typology<sup>6</sup>

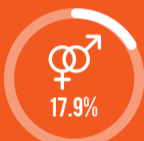
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

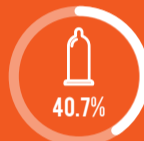
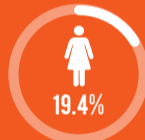
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



40.2% had sex with a non-marital, non-cohabiting partner



40.7% used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**96.1%**

adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**6,640**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **21%** girls and women who attended ANC

## Education<sup>8</sup>



**90,819**

girls enrolled in public primary school

**16,232**

girls enrolled in public secondary school

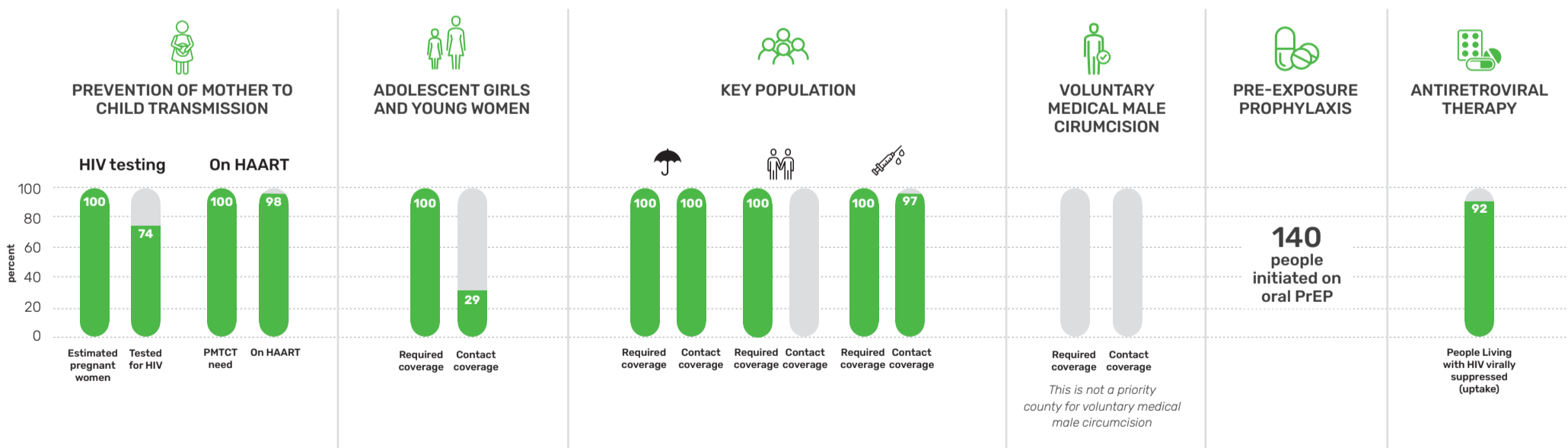
**82%** drop

## Experience of Violence<sup>4</sup>

**21%**

women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Initiate HIV prevention programmes for adolescent girls and young women
- Maintain high coverage of female sex worker and people who inject drugs, scale up coverage of men who have sex with men with prevention programmes
- Allocate resources for condom promotion and distribution
- Ensure people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCCOP). Preliminary KENPHIA 2018 Report. Nairobi: NASCCOP, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCCOP). Key Population Size Estimation - Phase II Report. Nairobi: NASCCOP, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCCOP). KHIS data December 2021. Nairobi: NASCCOP, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN LAIKIPIA 2022



Total Population<sup>1</sup>  
**518,560**



**259,440**



**259,102**

Sex Ratio

**1,001**



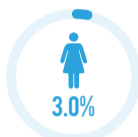
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.6** / 1,000 population

Estimated new infections  
**243**

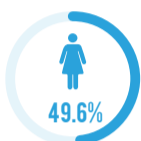
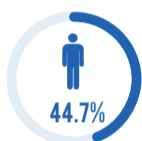
HIV prevalence  
**2.2%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **231** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



47.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,182**



Female Sex Worker

**231**



Men who have sex with men

**375**



People who inject drugs

**171**

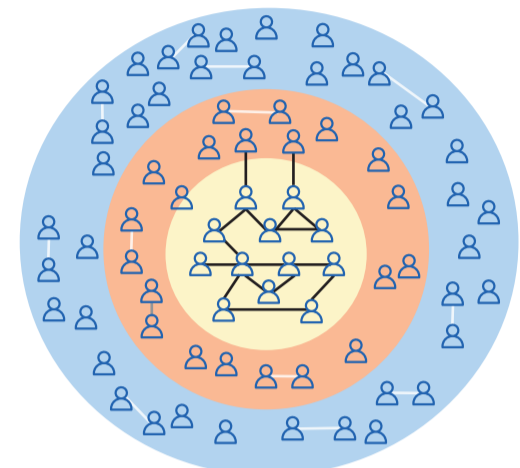


Transgender population

## Epidemic Typology<sup>6</sup>

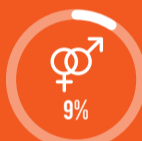
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks

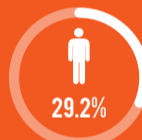


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

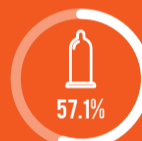
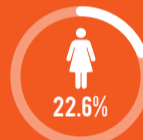
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**97.7%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**4,030**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **23%** girls and women who attended ANC

## Education<sup>8</sup>



**41,600**

girls enrolled in public primary school

**18,385**

girls enrolled in public secondary school

**56%** drop

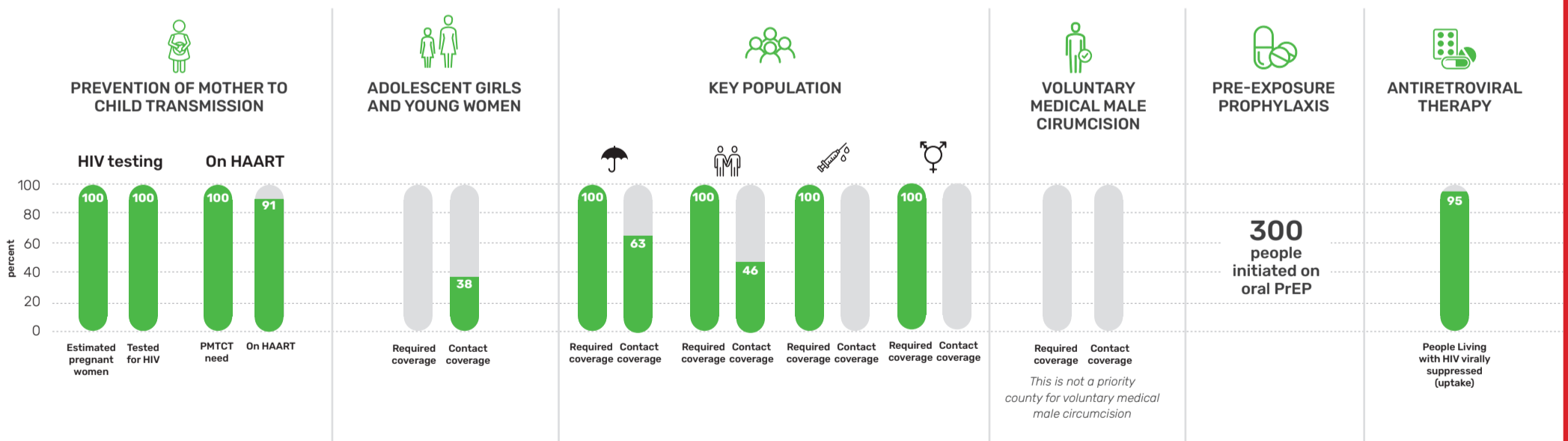
## Experience of Violence<sup>4</sup>

**20%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Scale up coverage of female sex worker and men who have sex with men with prevention programmes
- Initiate programmes for people who inject drugs and transgender people
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI), KHIS data December 2021. Nairobi: NASCOPI, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN LAMU 2022



Total Population<sup>1</sup>  
**143,920**



**76,103**



**67,813**

Sex Ratio

**1,122**



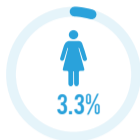
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.6** / 1,000 population

Estimated new infections  
**58**

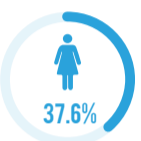
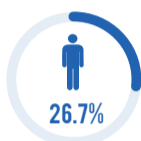
HIV prevalence  
**2.3%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **55** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



32.6% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**749**



Female Sex Worker

**211**



Men who have sex with men

**450**

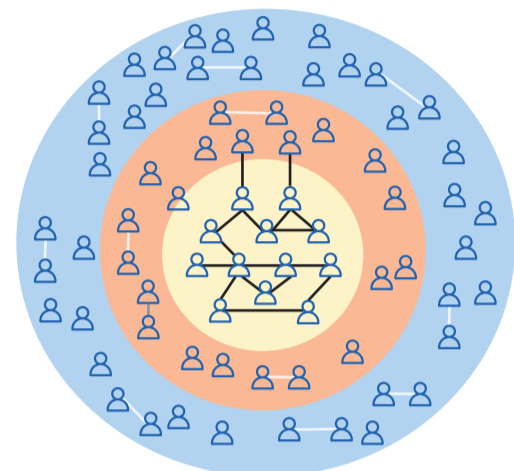


People who inject drugs

## Epidemic Typology<sup>6</sup>

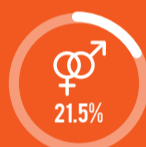
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks

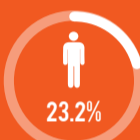


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

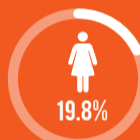
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom** at last sex with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**91.7%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**871**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **16%** girls and women who attended ANC

## Education<sup>8</sup>



**13,144**

girls enrolled in public primary school

**3,887**

girls enrolled in public secondary school

**70%**

drop

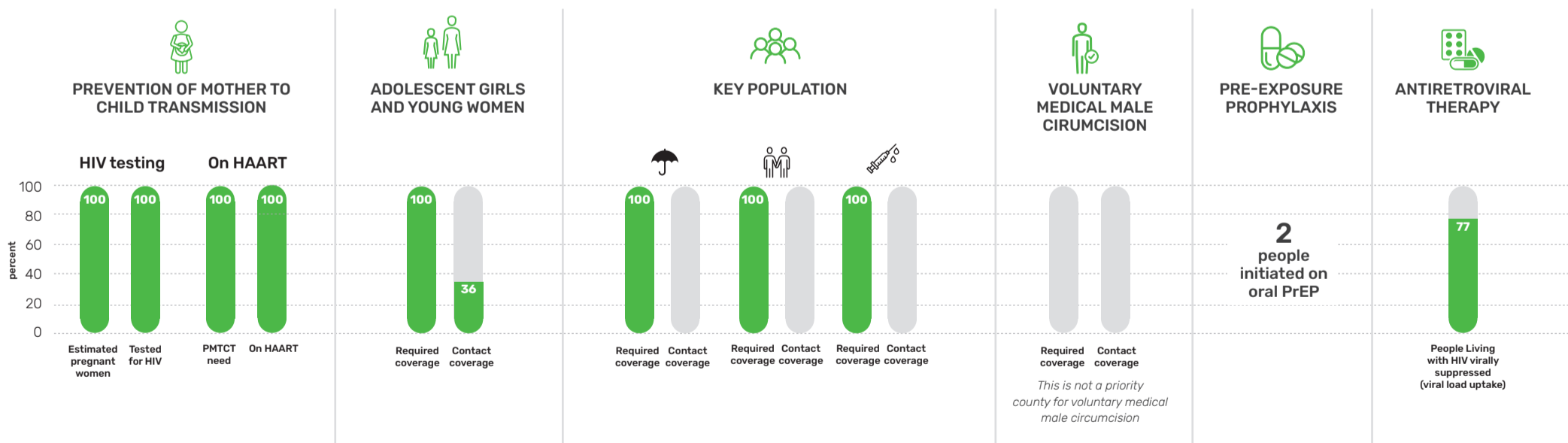
## Experience of Violence<sup>4</sup>

**8%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and scale up coverage of pregnant women living with HIV on HAART
- Initiate prevention programmes for female sex workers, men who have sex with men and people who inject drugs.
- Allocate resources for condom promotion and distribution
- Ensure people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
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<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI. 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI; 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN MACHAKOS 2022



Total Population<sup>1</sup>  
**1,421,932**



**710,707**



**711,191**

Sex Ratio

**999**



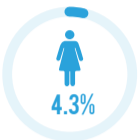
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.7** / 1,000 population

Estimated new infections  
**821**

HIV prevalence  
**3.0%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **774** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



41.9% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**4,932**



Female Sex Worker

**2,811**



Men who have sex with men

**40**



People who inject drugs

**277**

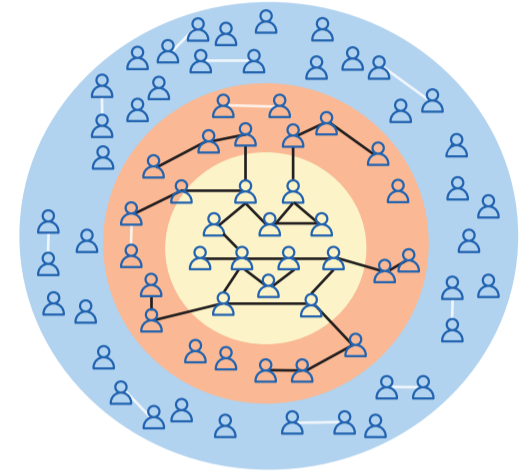


Transgender population

## Epidemic Typology<sup>6</sup>

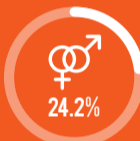
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

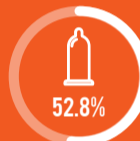
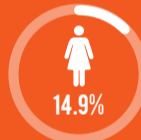
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**98.5%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**5,857**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **16%** girls and women who attended ANC

## Education<sup>8</sup>



**116,869**

girls enrolled in public primary school

**51,524**

girls enrolled in public secondary school

**56%**

drop

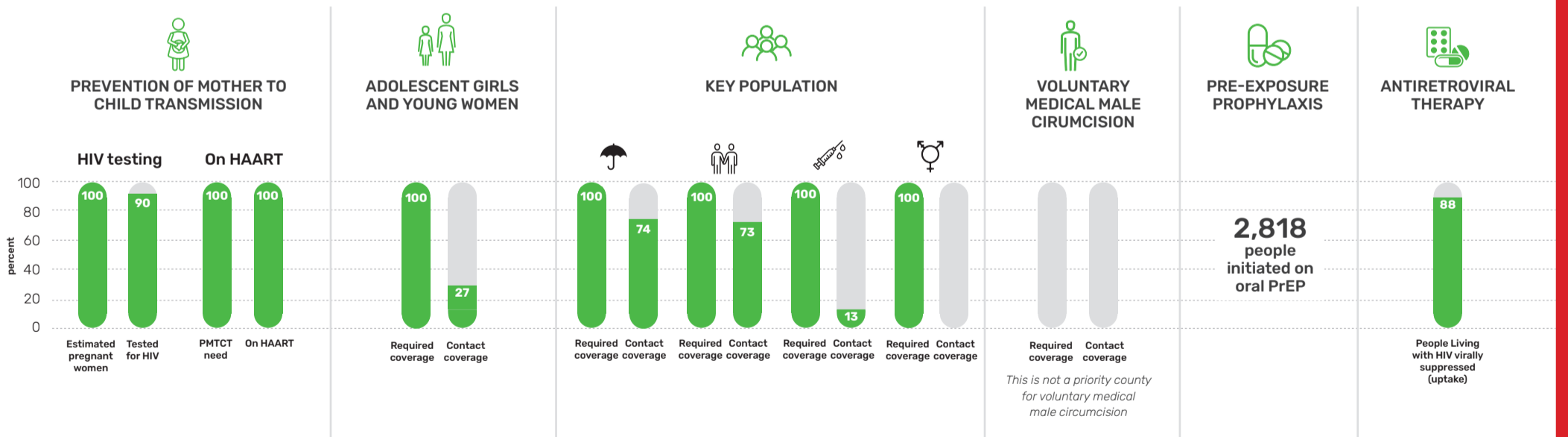
## Experience of Violence<sup>4</sup>

**16%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Scale up coverage of adolescent girls and young women with HIV prevention programmes
- Maintain high coverage of female sex workers and people who inject drugs and scale up prevention programmes with men who have sex with men
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN MAKUENI 2022



Total Population<sup>1</sup>  
**987,653**



**489,691**



**497,942**

Sex Ratio

**983**



**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.6** / 1,000 population

Estimated new infections  
**464**

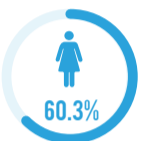
HIV prevalence  
**2.8%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **441** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



49.7% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,743**



Female Sex Worker

**893**



Men who have sex with men

**399**

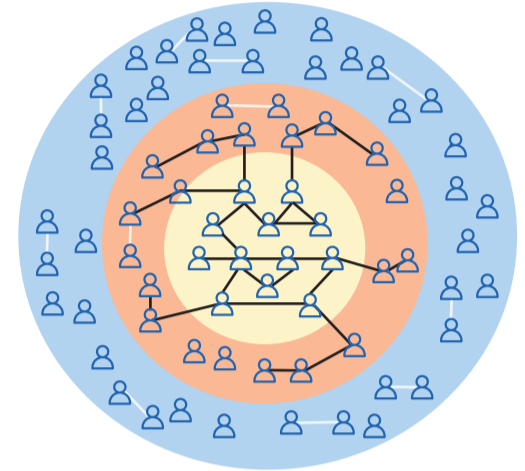


People who inject drugs

## Epidemic Typology<sup>6</sup>

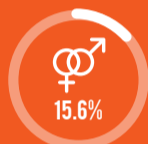
**CONCENTRATED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks

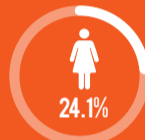


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

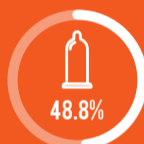
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**98.8%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**4,724**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **19%** girls and women who attended ANC

## Education<sup>8</sup>



**114,963** girls enrolled in public primary school

**54,969** girls enrolled in public secondary school

**52%** drop

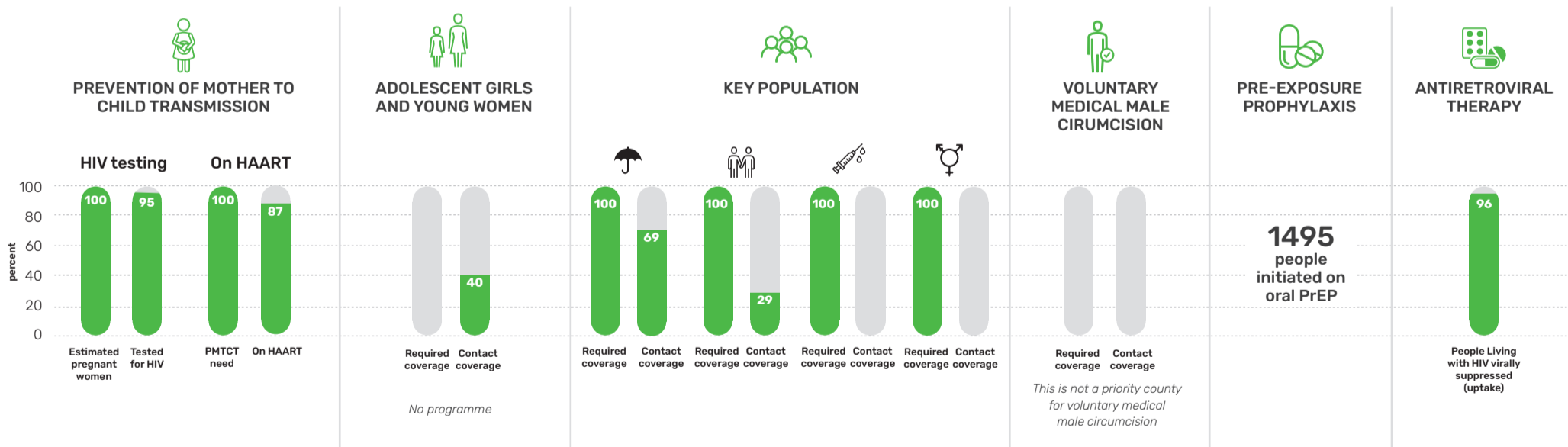
## Experience of Violence<sup>4</sup>

**14%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers, scale up programmes with men who have sex with men and initiate programmes for people who inject drugs
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN MANDERA 2022



Total Population<sup>1</sup>  
**867,457**



**434,976**



**432,444**

Sex Ratio

**1,006** / **1,000**

**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.1** / 1,000 population

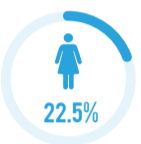
Estimated new infections  
**88**

HIV prevalence  
**0.4%**



Incidence - prevalence ratio (IPR) **0.02**  
20% reduction in IPR will avert **87** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



20.7% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,952**



Female Sex Worker

**1,052**



Men who have sex with men

**519**

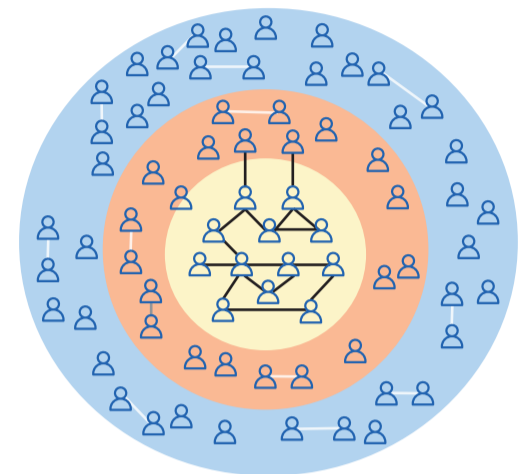


People who inject drugs

## Epidemic Typology<sup>6</sup>

**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse before the age of 15 years**



had sex with a non-marital, non-cohabiting partner

Condom Use:  
No data

## Circumcision<sup>4</sup>

**96.6%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**7,481**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **29%** girls and women who attended ANC

## Education<sup>8</sup>



**34,421**

girls enrolled in public primary school

**10,358**

girls enrolled in public secondary school

**70%** drop

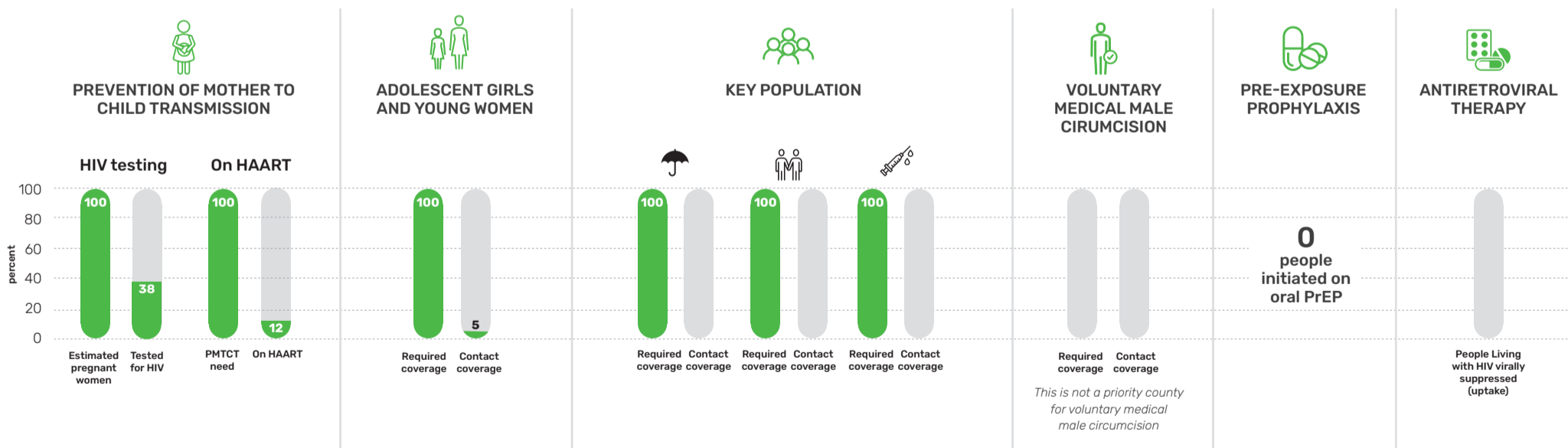
## Experience of Violence<sup>4</sup>

**3%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Initiate prevention programmes with female sex workers, men who have sex with men and people who inject drugs
- Allocate resources for condom promotion and distribution
- Ensure all people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDemic DISEASES  
CONTROL COUNCIL**





# THE STATE OF HIV PREVENTION IN MARSABIT 2022



Total Population<sup>1</sup>  
**459,785**



**243,548**



**216,219**

Sex Ratio

**1,126**



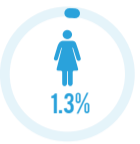
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3** / 1,000 population

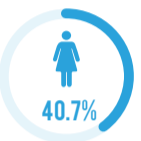
Estimated new infections  
**89**

HIV prevalence  
**0.9%**



Incidence - prevalence ratio (IPR) **0.03**  
20% reduction in IPR will avert **87** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



37.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,530**



Female Sex Worker

**476**



Men who have sex with men

**392**

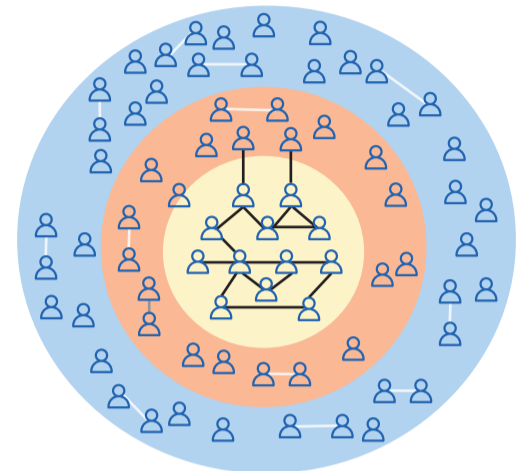


People who inject drugs

## Epidemic Typology<sup>6</sup>

**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse before the age of 15 years**



had sex with a non-marital, non-cohabiting partner



Condom Use:  
No data

## Circumcision<sup>4</sup>

**97.7%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**3,799**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **25%** girls and women who attended ANC

## Education<sup>8</sup>



**25,754**

girls enrolled in public primary school

**4,284**

girls enrolled in public secondary school

**83%** drop

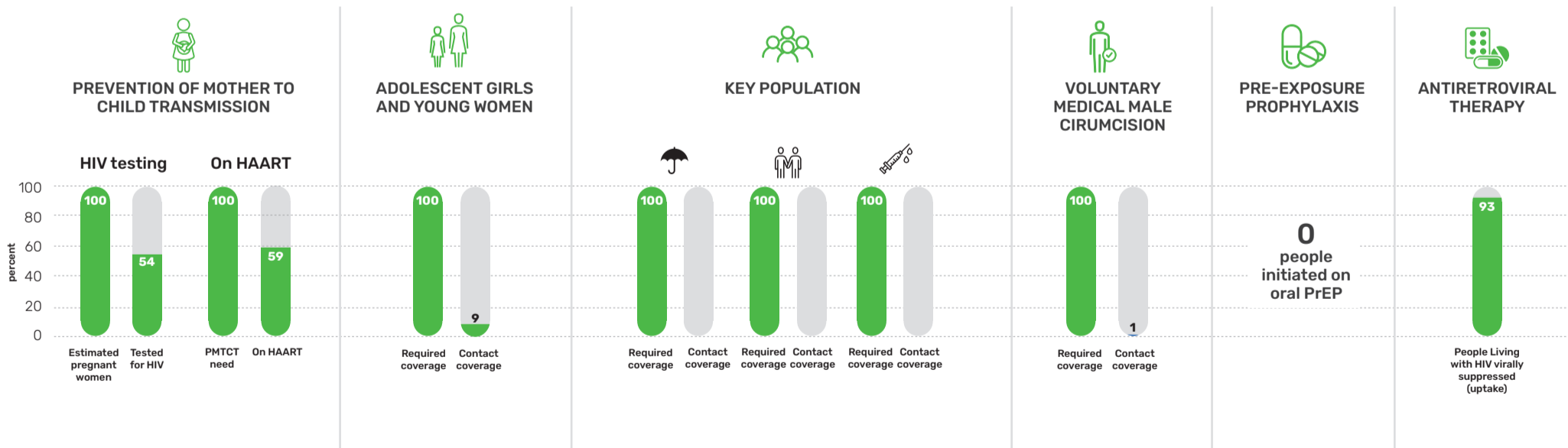
## Experience of Violence<sup>4</sup>

**2%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Initiate prevention programmes for female sex workers, men who have sex with men and people who inject drugs
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN MERU 2022



Total Population<sup>1</sup>  
**1,545,714**



**767,698**



**777,975**

Sex Ratio



## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.6** / 1000 population

Estimated new infections  
**782**

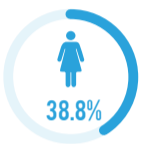
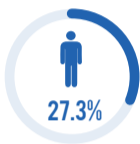
HIV prevalence  
**2.5%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **742** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



33% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,743**



Female Sex Worker

**1,026**



Men who have sex with men

**60**



People who inject drugs

**122**

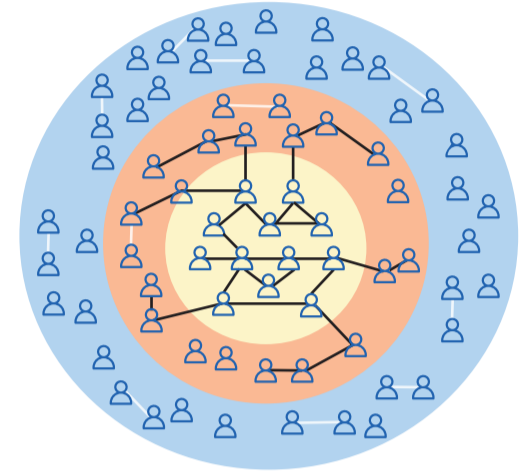


Transgender population

## Epidemic Typology<sup>6</sup>

**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**93.0%**

adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**14,417**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **38%** girls and women who attended ANC

## Education<sup>8</sup>



**124,979**

girls enrolled in public primary school

**53,299**

girls enrolled in public secondary school

**57%** drop

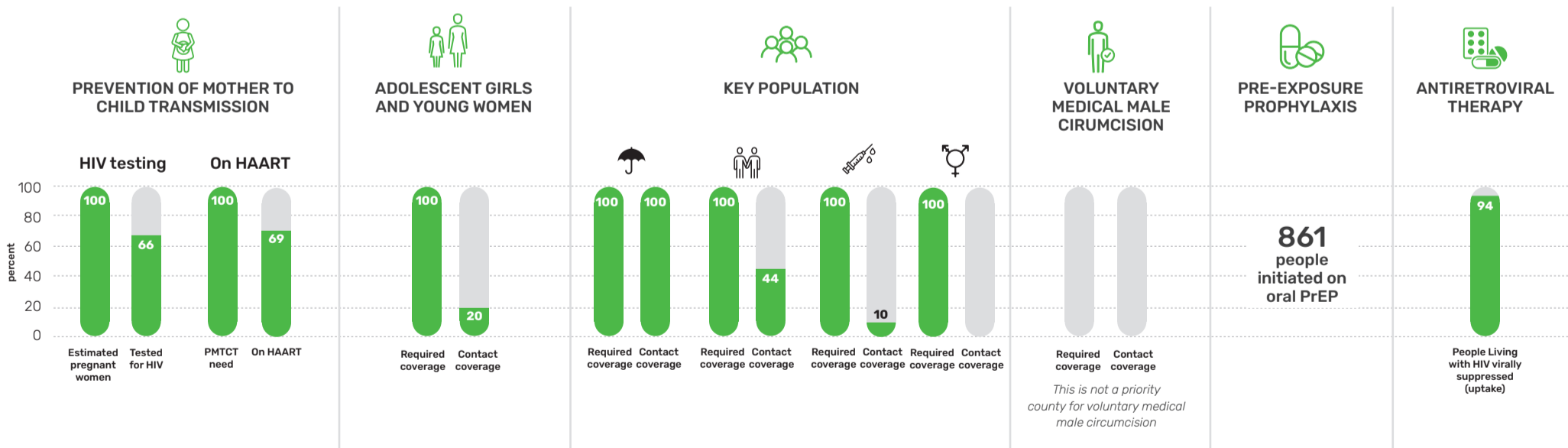
## Experience of Violence<sup>4</sup>

**21%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers with prevention programmes
- Scale up prevention programmes with men who have sex with men and people who inject drugs
- Allocate resources and ensure coverage of adolescent girls and young women with HIV prevention programmes
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI. 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI. 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI; 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN MIGORI 2022



Total Population<sup>1</sup>  
1,116,436

536,187

580,214

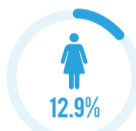
Sex Ratio 924 / 1000

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
2.8 / 1000 population

Estimated new infections  
1,943

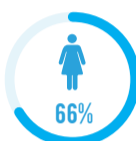
HIV prevalence  
10.4%



Incidence - prevalence ratio (IPR) 0.03

20% reduction in IPR will avert 1,504 new infections<sup>3</sup>

HIV Testing<sup>4</sup>



62.5% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

5,238



Female Sex Worker

782



Men who have sex with men

153



People who inject drugs

183

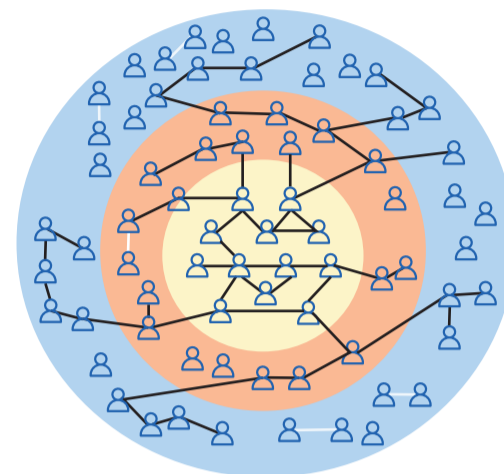


Transgender population

## Epidemic Typology<sup>6</sup>

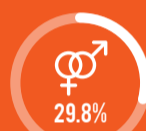
GENERALISING: HIV transmission is mostly sustained by high risk sexual behaviours in the population, without any substantial contribution by defined sub population at risk.

Key population networks  
Priority and vulnerable population networks  
General population networks

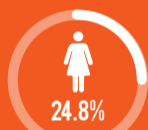


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had sexual intercourse before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a condom at last sex with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

## Teenage Pregnancies<sup>7</sup>

10,107



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for 21% girls and women who attended ANC

## Education<sup>8</sup>



132,841 girls enrolled in public primary school

45,961 girls enrolled in public secondary school

65% drop

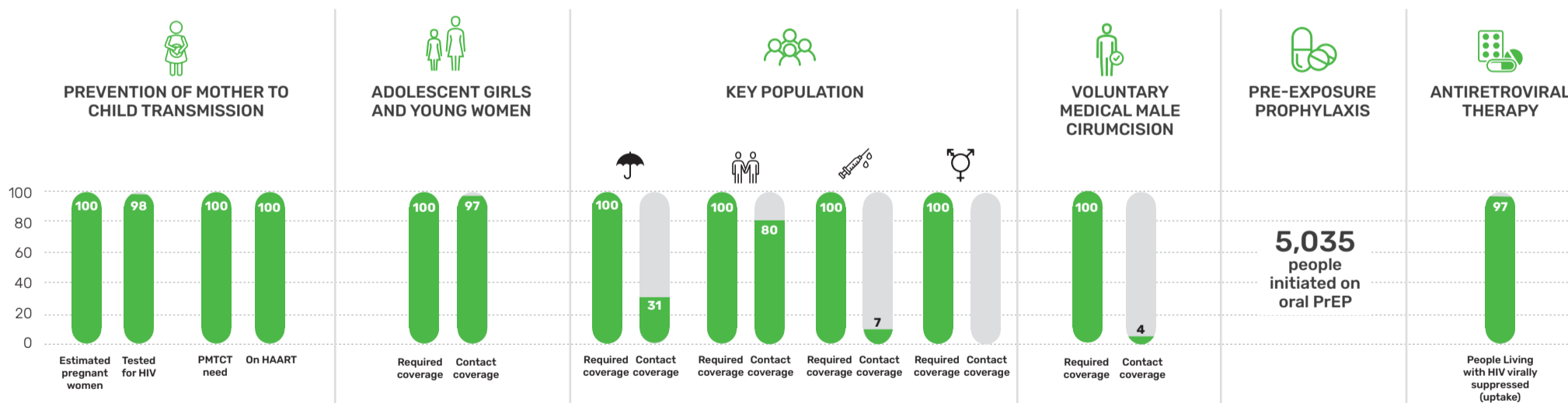
## Experience of Violence<sup>4</sup>

28%



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers with prevention programmes
- Scale up prevention programmes with men who have sex with men and people who inject drugs
- Allocate resources and ensure coverage of adolescent girls and young women with HIV prevention programmes
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019

# THE STATE OF HIV PREVENTION IN MOMBASA 2022



Total Population<sup>1</sup>  
**1,208,333**



**610,257**



**598,046**

Sex Ratio **1,020**



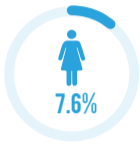
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.4** / 1,000 population

Estimated new infections  
**1,241**

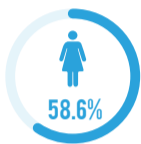
HIV prevalence  
**5.4%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **1,105** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



47.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**8,187**



Female Sex Worker

**3,117**



Men who have sex with men

**1,992**



People who inject drugs

**435**

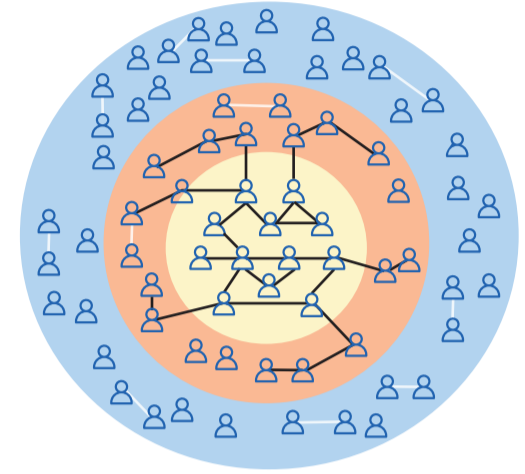


Transgender population

## Epidemic Typology<sup>6</sup>

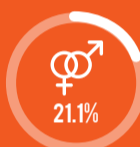
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks

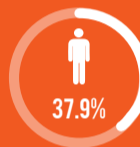


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

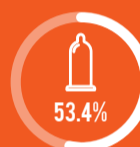
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**95.8%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**3,358**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **9%** girls and women who attended ANC

## Education<sup>8</sup>



**36,367**

girls enrolled in public primary school

**12,227**

girls enrolled in public secondary school

**66%** drop

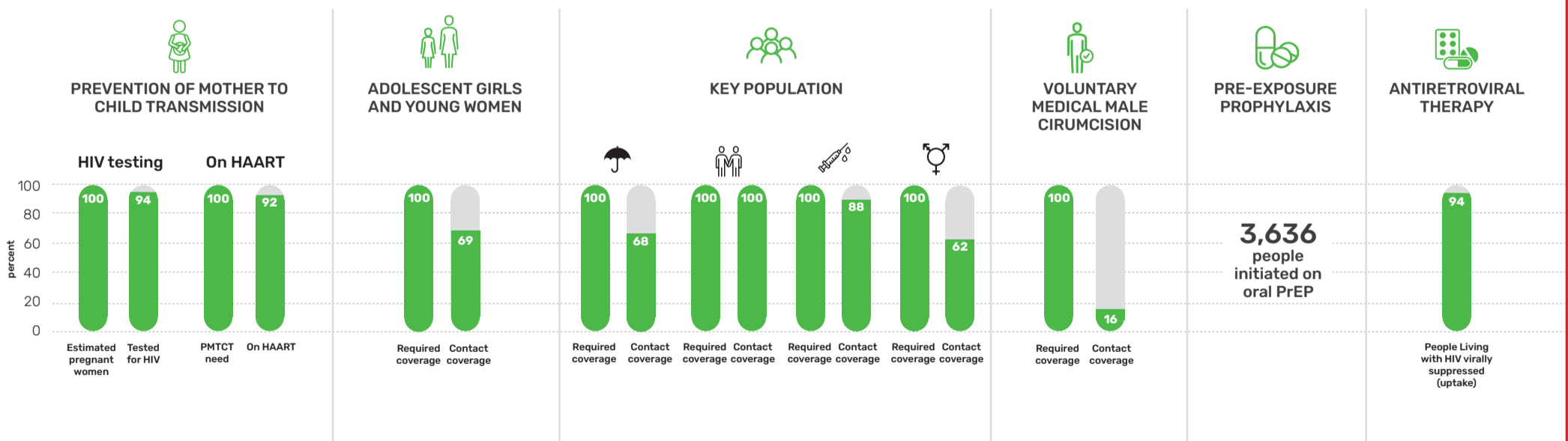
## Experience of Violence<sup>4</sup>

**18%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Scale up coverage of adolescent girls and young women with prevention programmes
- Maintain high coverage of female sex workers, men who have sex with men and people who inject drugs and transgender people with prevention programmes
- Scale up voluntary medical male circumcision with high risk men
- Ensure all people living with HIV are virally suppressed
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC), HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO), Preliminary KENPHIA 2018 Report, Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO), Key Population Size Estimation - Phase II Report, Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC), HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO), KHIS data December 2021, Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN MURANG'A 2022



Total Population<sup>1</sup>  
**1,056,640**

**523,940**

**532,669**

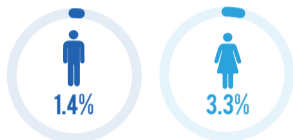
Sex Ratio **984** / 1000

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3** / 1,000 population

Estimated new infections  
**239**

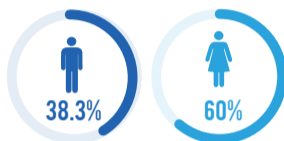
HIV prevalence  
**2.4%**



Incidence - prevalence ratio (IPR)  
**0.01**

20% reduction in IPR will avert **234** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



48.7% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,532**

Female Sex Worker

**904**

Men who have sex with men

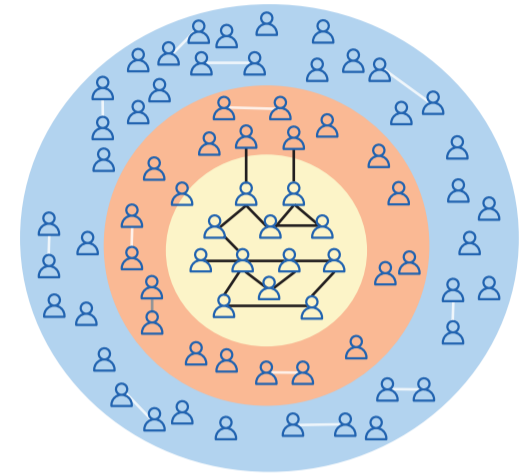
**412**

People who inject drugs

## Epidemic Typology<sup>6</sup>

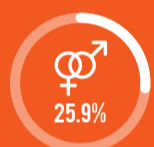
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks

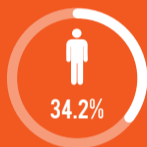


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

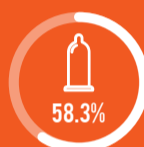
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**94.4%**

adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**4,195**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **18%** girls and women who attended ANC

## Education<sup>8</sup>



**83,785** girls enrolled in public primary school  
**57,015** girls enrolled in public secondary school

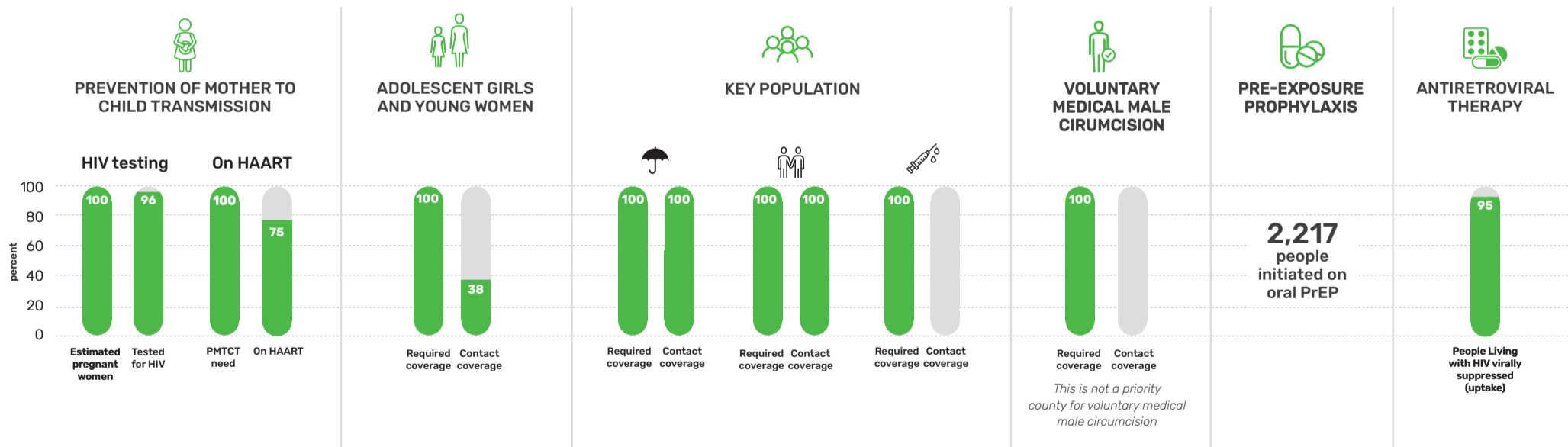
**32%** drop

## Experience of Violence<sup>4</sup>

**13%**

women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and scale up coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers and men who have sex with men with prevention programmes
- Initiate prevention programmes for people who inject drugs
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO), Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO), KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN NAIROBI 2022



Total Population<sup>1</sup>  
**4,397,073**



**2,192,452**



**2,204,376**

Sex Ratio

**995**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.2** / 1000 population

Estimated new infections  
**3,828**

HIV prevalence  
**4.3%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **3,475** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



52% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**39,227**



Female Sex Worker

**15,271**



Men who have sex with men

**4,198**



People who inject drugs

**1,064**

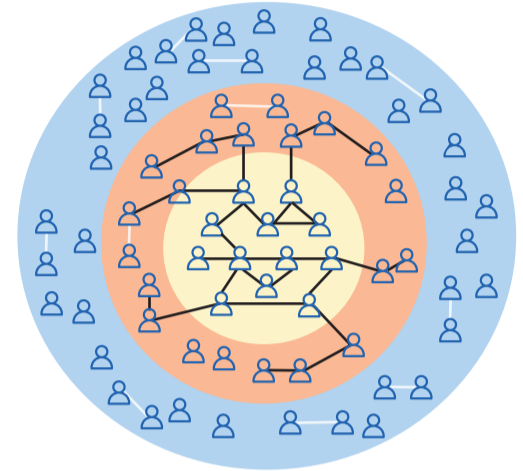


Transgender population

## Epidemic Typology<sup>6</sup>

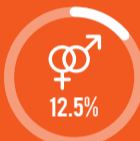
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

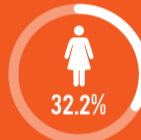
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse before the age of 15 years**



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**94.1%**

adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**17,990**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **11%** girls and women who attended ANC

## Education<sup>8</sup>



**113,428**

girls enrolled in public primary school

**32,920**

girls enrolled in public secondary school

**71%**

drop

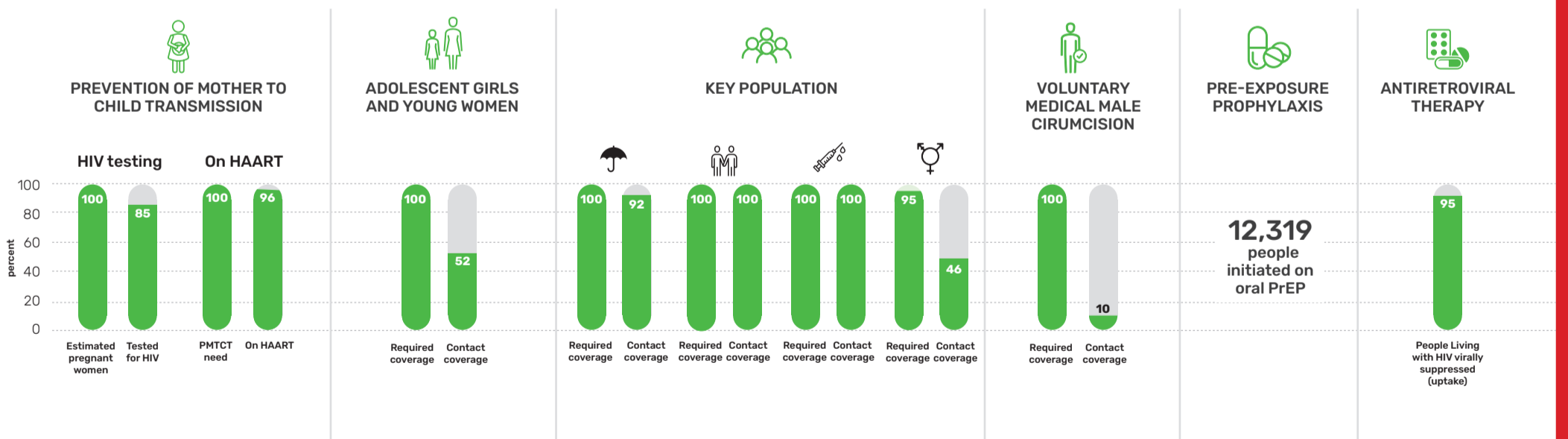
## Experience of Violence<sup>4</sup>

**20%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Scale up HIV prevention programme for adolescent girls and young women
- Maintain high coverage of female sex workers, men who have sex with men and people who inject drugs with prevention programmes
- Scale up prevention programmes for transgender people
- Scale up the VMMC programme with high risk uncircumcised men
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN NAKURU 2022



Total Population<sup>1</sup>  
**2,162,202**



**1,077,272**



**1,084,835**

Sex Ratio

**993**



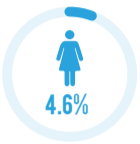
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.9** / 1000 population

Estimated new infections  
**1,496**

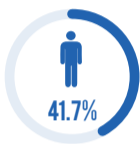
HIV prevalence  
**3.5%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **1,391** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



46.6% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**17,708**



Female Sex Worker

**2,706**



Men who have sex with men

**9**



People who inject drugs

**82**

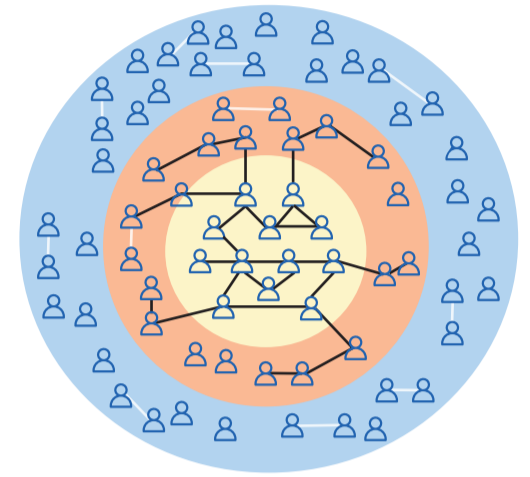


Transgender population

## Epidemic Typology<sup>6</sup>

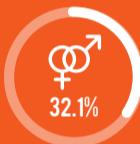
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

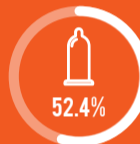
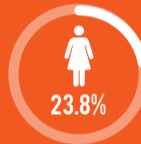
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**92.5%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**11,469**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **16%** girls and women who attended ANC

## Education<sup>8</sup>



**184,999**

girls enrolled in public primary school

**71,221**

girls enrolled in public secondary school

**62%** drop

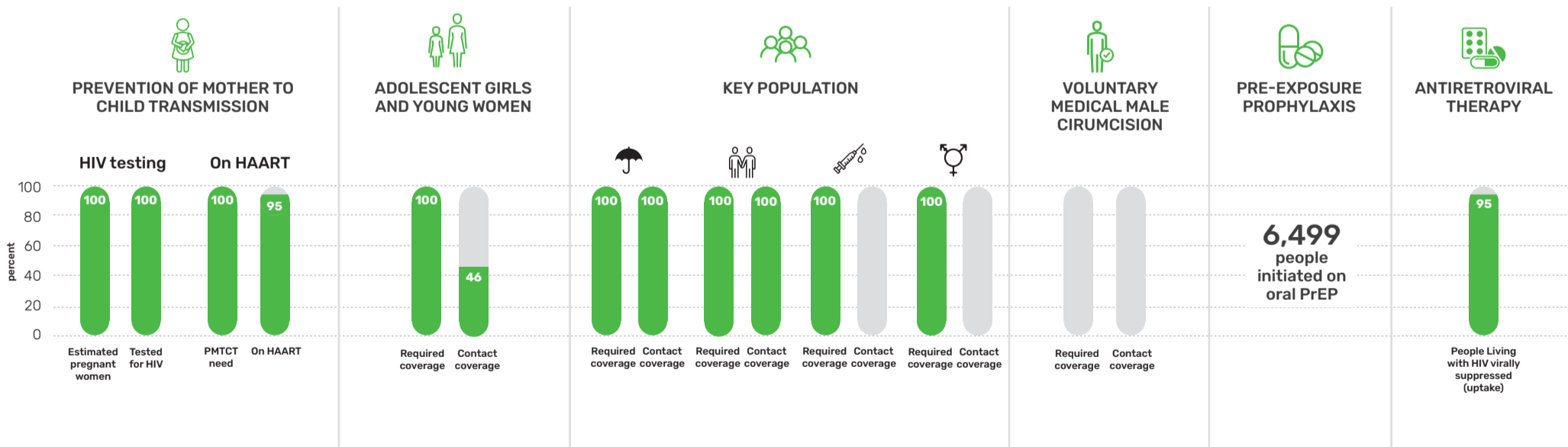
## Experience of Violence<sup>4</sup>

**13%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Scale up coverage of female sex workers and men who have sex with men with prevention programmes
- Initiate prevention programmes for people who inject drugs and transgender people
- Allocate resources and scale up HIV prevention programmes with adolescent girls and young women
- Scale up the VMMC programmes with high risk uncircumcised men
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med. 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN NANDI 2022



County Government  
of Nandi



Total Population<sup>1</sup>  
**885,711**



**441,259**



**444,430**

Sex  
Ratio

**993**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.8** / 1000 population

Estimated new infections  
**555**

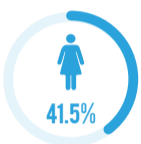
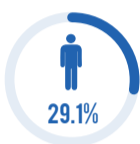
HIV prevalence  
**2.8%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **518** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



35.1% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,957**



Female Sex Worker

**514**



Men who have sex with men

**661**

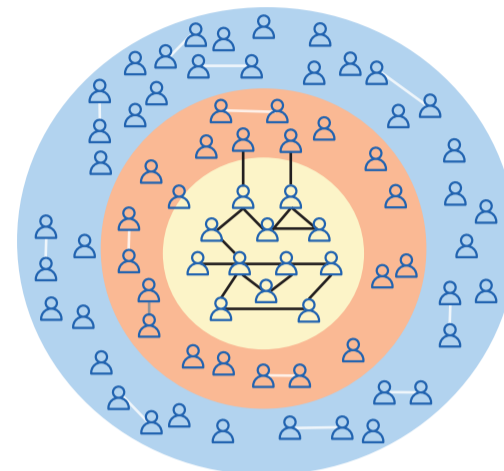


People who inject drugs

## Epidemic Typology<sup>6</sup>

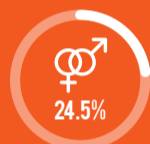
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

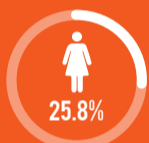
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**90.5%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**5,781**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **24%** girls and women who attended ANC

## Education<sup>8</sup>



**99,734**

girls enrolled in public primary school

**37,783**

girls enrolled in public secondary school

**62%** drop

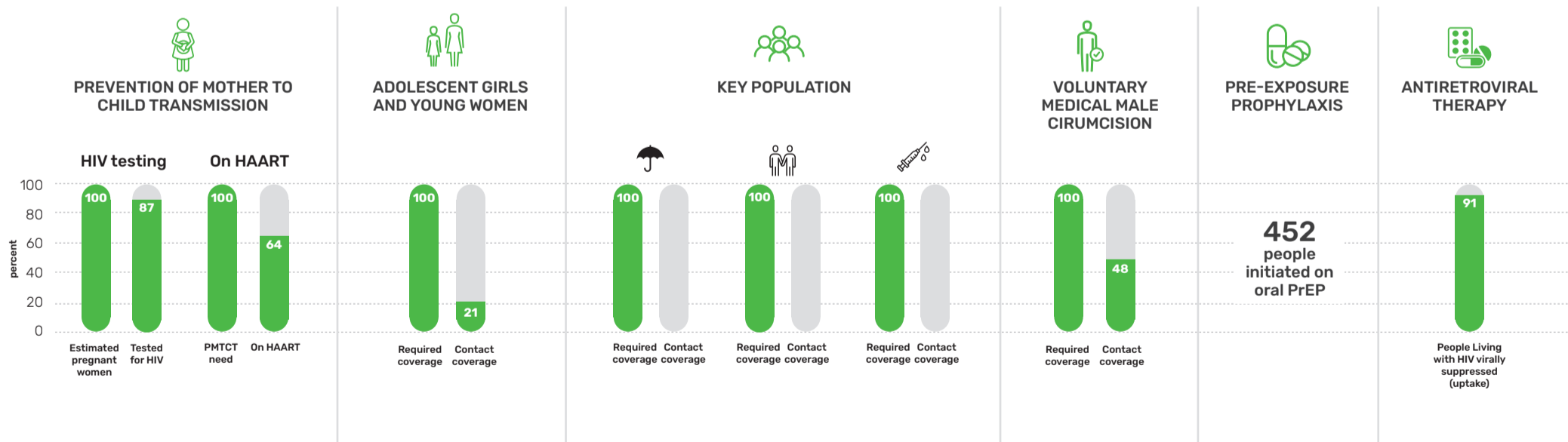
## Experience of Violence<sup>4</sup>

**16%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Immediately saturate coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Initiate HIV prevention programmes for female sex workers, men who have sex with men and people who inject drugs
- Scale up VMMC programme with high risk uncircumcised men
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL





# THE STATE OF HIV PREVENTION IN NAROK 2022



Total Population<sup>1</sup>  
**1,157,873**



**579,042**



**578,805**

Sex Ratio

1000



1000

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.9** / 1000 population

Estimated new infections  
**725**

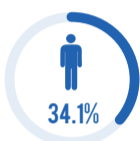
HIV prevalence  
**2.9%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **671** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



45.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,107**



Female Sex Worker

**704**



Men who have sex with men

**403**



People who inject drugs

**11**

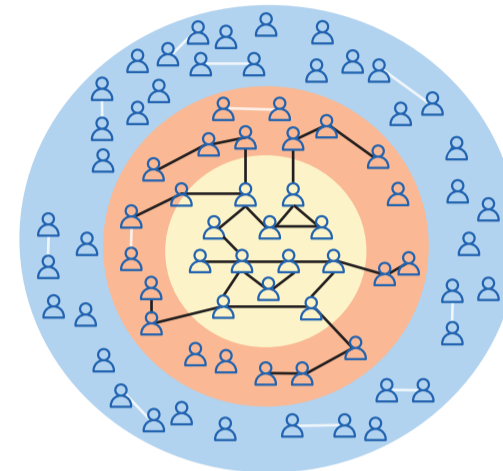


Transgender population

## Epidemic Typology<sup>6</sup>

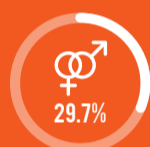
**CONCENTRATED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

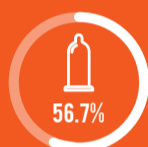
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**86.8%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**13,593**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **31%** girls and women who attended ANC

## Education<sup>8</sup>



**132,198** girls enrolled in public primary school

**21,485** girls enrolled in public secondary school

**84%** drop

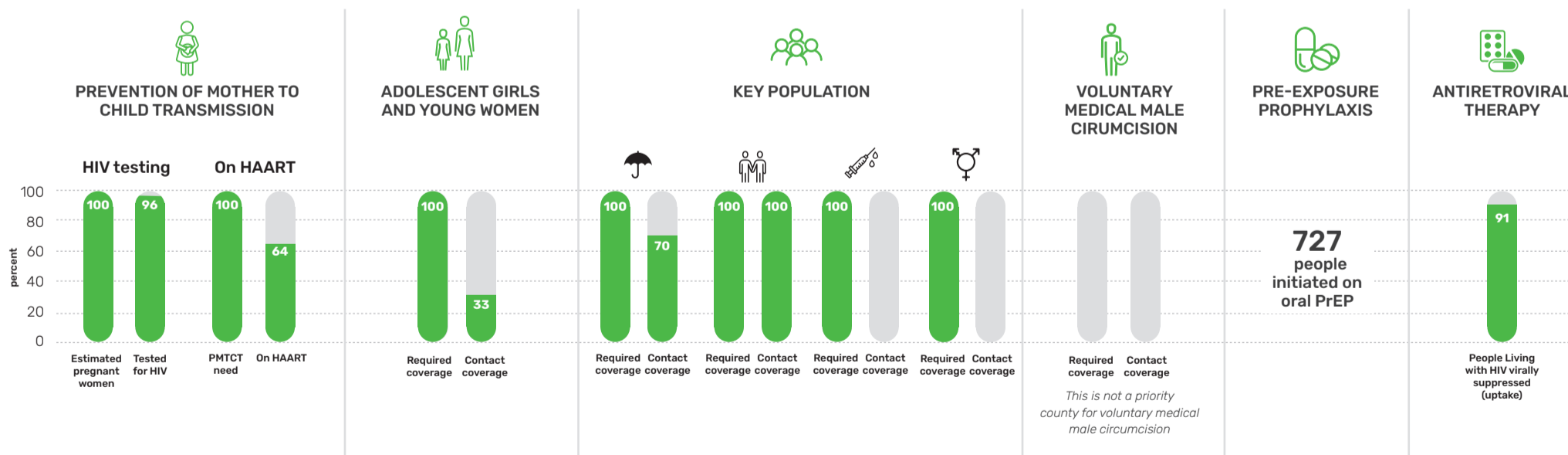
## Experience of Violence<sup>4</sup>

**13%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- There is a need to prioritise HIV prevention responses with high coverage of priority populations
- Scale up HIV testing among priority populations in the county
- Saturate coverage of pregnant women with HIV testing and scale up coverage of pregnant women living with HIV on HAART
- Allocate resources and scale up prevention programming with adolescent girls and young women
- Maintain high coverage of FSW and MSM with prevention programmes and initiate programmes for PWID to cover all estimated key populations
- Allocate resources for condom promotion and distribution
- Ensure that people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN NYAMIRA 2022



Total Population<sup>1</sup>  
**605,576**



**290,907**



**314,656**

Sex Ratio

**925**



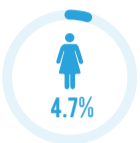
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.9** / 1000 population

Estimated new infections  
**391**

HIV prevalence  
**3.7%**



Incidence - prevalence ratio (IPR) **0.03**  
20% reduction in IPR will avert **361** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



56.4% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,999**



Female Sex Worker

**193**



Men who have sex with men

**654**

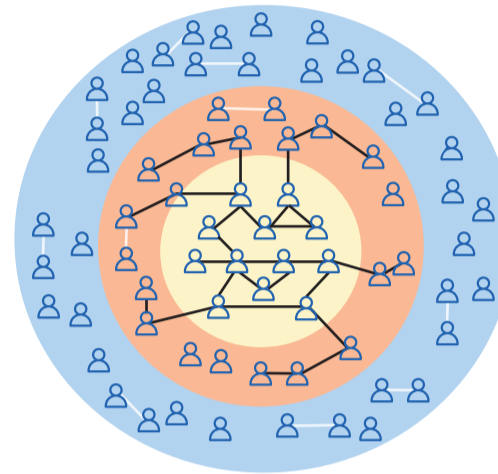


People who inject drugs

## Epidemic Typology<sup>6</sup>

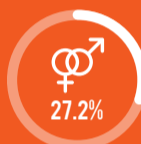
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

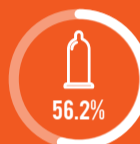
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**97.6%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**4,446**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **24%** girls and women who attended ANC

## Education<sup>8</sup>



**61,998**

girls enrolled in public primary school

**28,199**

girls enrolled in public secondary school

**55%** drop

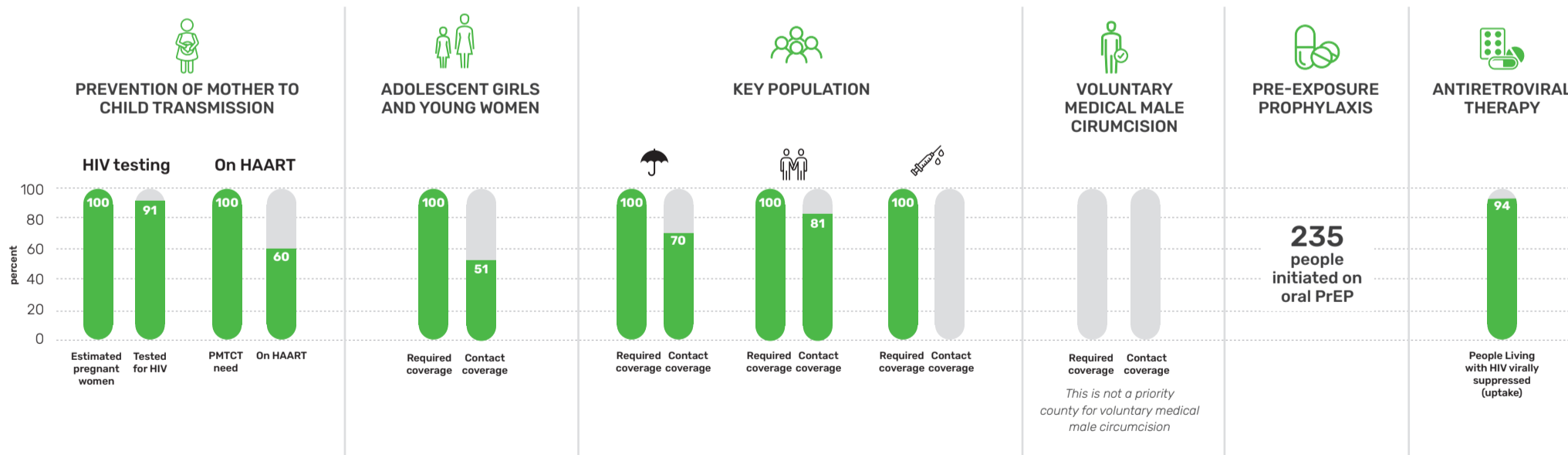
## Experience of Violence<sup>4</sup>

**21%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and of pregnant women living with HIV on HAART
- Allocate resources and scale up HIV prevention programmes with adolescent girls and young women
- Scale up prevention programmes for female sex workers, men who have sex with men and initiate programmes with people who inject drugs
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN NYANDARUA 2022



Total Population<sup>1</sup>  
**638,289**



**315,022**



**323,247**

Sex Ratio

**975**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3/1000**  
population

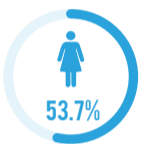
Estimated new infections  
**137**

HIV prevalence  
**2.0%**



Incidence - prevalence ratio (IPR)  
**0.01**  
20% reduction in IPR will avert **135** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



45% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,785**



Female Sex Worker

**403**



Men who have sex with men

**257**

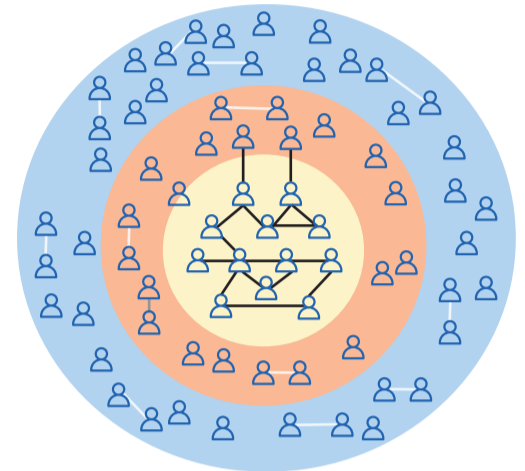


People who inject drugs

## Epidemic Typology<sup>6</sup>

**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

- Key population networks
- Priority and vulnerable population networks
- General population networks

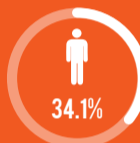


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

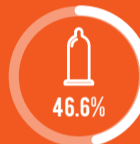
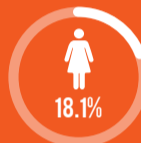
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**96%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**2,497**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **16%** girls and women who attended ANC

## Education<sup>8</sup>



**55,706**

girls enrolled in public primary school

**30,491**

girls enrolled in public secondary school

**45%** drop

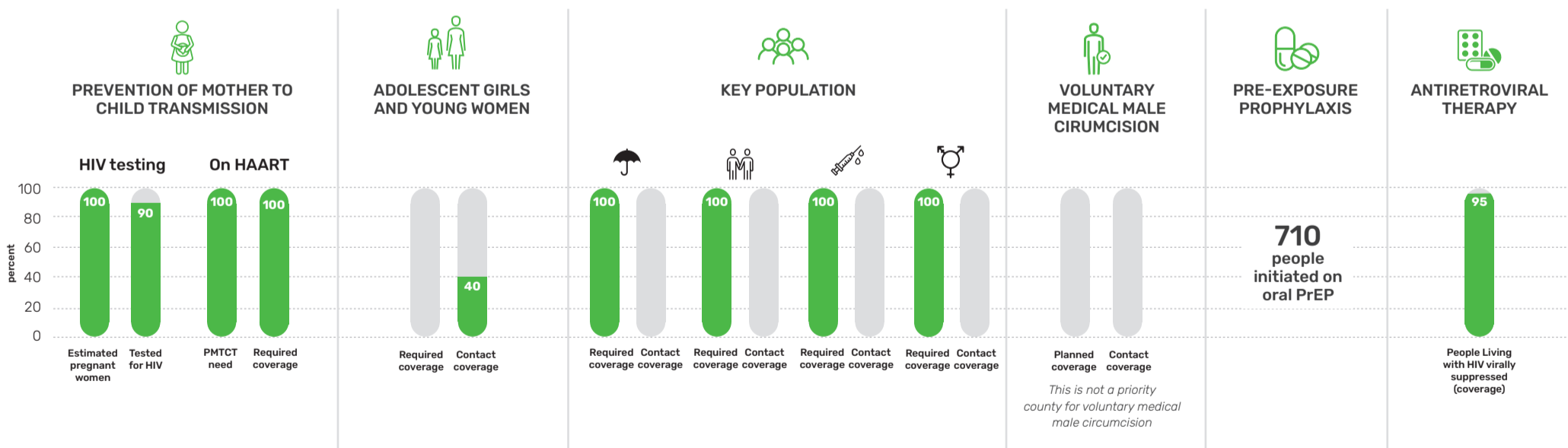
## Experience of Violence<sup>4</sup>

**21%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Initiate prevention programmes for female sex workers, men who have sex with men and people who inject drugs
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO), Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO), KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN NYERI 2022



Total Population<sup>1</sup>  
**759,164**



**374,288**



**384,845**

Sex Ratio

**973**



**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3/1000**  
population

Estimated new infections  
**193**

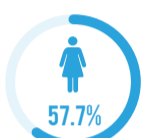
HIV prevalence  
**3%**



Incidence - prevalence ratio (IPR)  
**0.01**

20% reduction in IPR will avert **188** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



46.7% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,317**



Female Sex Worker

**406**

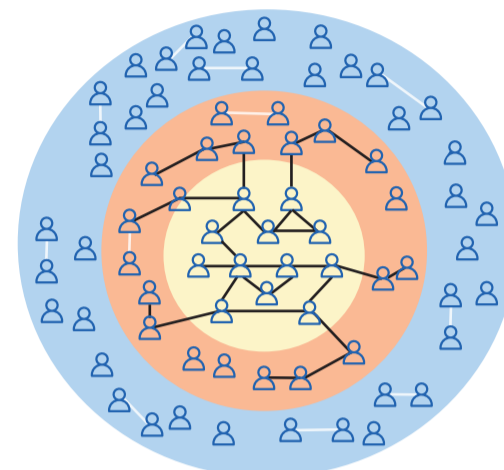


Men who have sex with men

## Epidemic Typology<sup>6</sup>

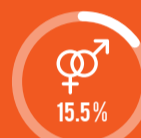
**MIXED:** HIV transmission is sustained by substantial contribution from sub-populations at higher risk and sub-populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

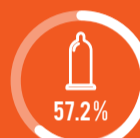
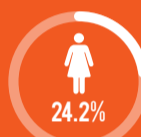
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**95.3%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**1,898**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **12%** girls and women who attended ANC

## Education<sup>8</sup>



**48,502**

girls enrolled in public primary school

**36,678**

girls enrolled in public secondary school

**24%** drop

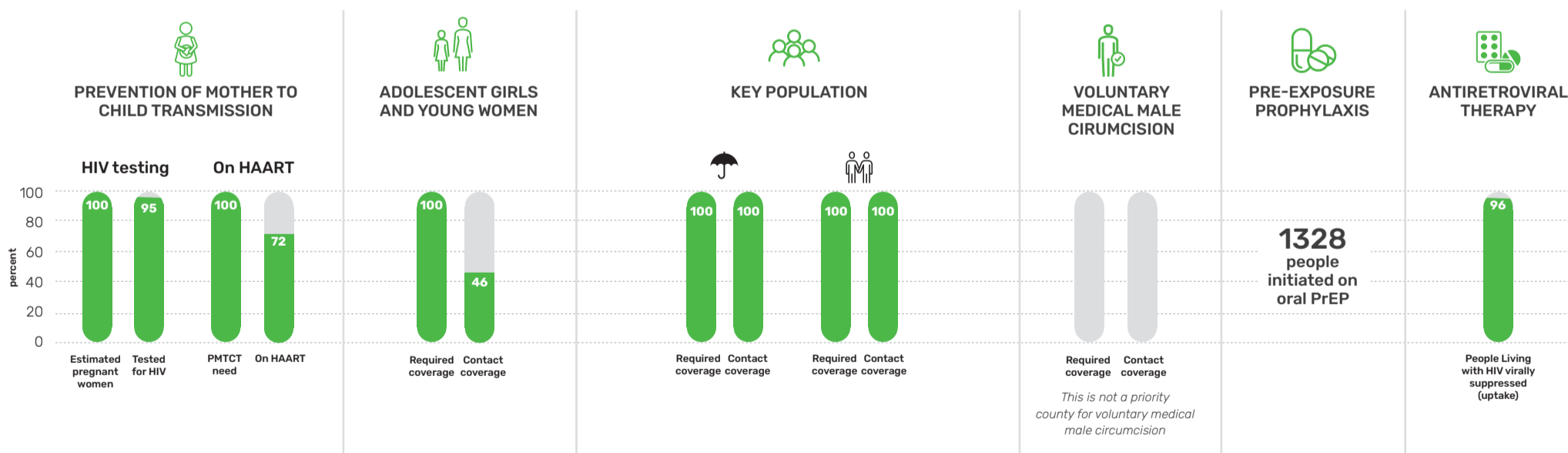
## Experience of Violence<sup>4</sup>

**17%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Initiate HIV prevention programmes for adolescent girls and young women
- Maintain high coverage of prevention programmes with female sex workers and men who have sex with men
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL



# THE STATE OF HIV PREVENTION IN SAMBURU 2022



Total Population<sup>1</sup>  
**310,327**

**156,774**

**153,546**

Sex Ratio **1021** / **1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence **1.5** / 1000 population  
Estimated new infections **307**

HIV prevalence **4.6%**  
2.6% (men) / 6.4% (women)

Incidence - prevalence ratio (IPR) **0.03**  
20% reduction in IPR will avert **271** new infections<sup>3</sup>

HIV Testing<sup>4</sup>  
30.3% (men) / 39.3% (women)  
35.1% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,500**  
Female Sex Worker

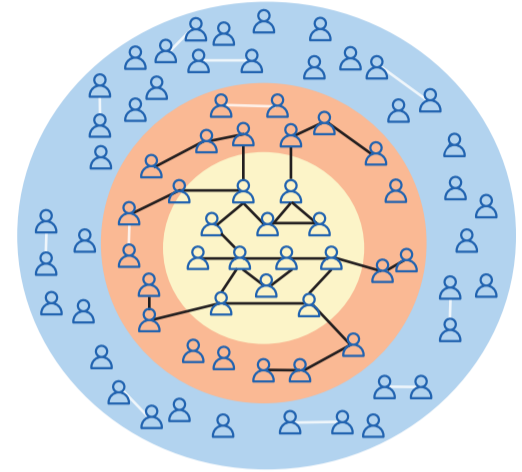
**150**  
Men who have sex with men

**488**  
People who inject drugs

## Epidemic Typology<sup>6</sup>

**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>

**38.9%**  
older adolescents and young adults had sexual intercourse before the age of 15 years

**25.3%** (men) / **11.9%** (women)  
had sex with a non-marital, non-cohabiting partner

Condom Use:  
No data

## Circumcision<sup>4</sup>

**89.8%**  
adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**4,201**  
girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **35%** girls and women who attended ANC

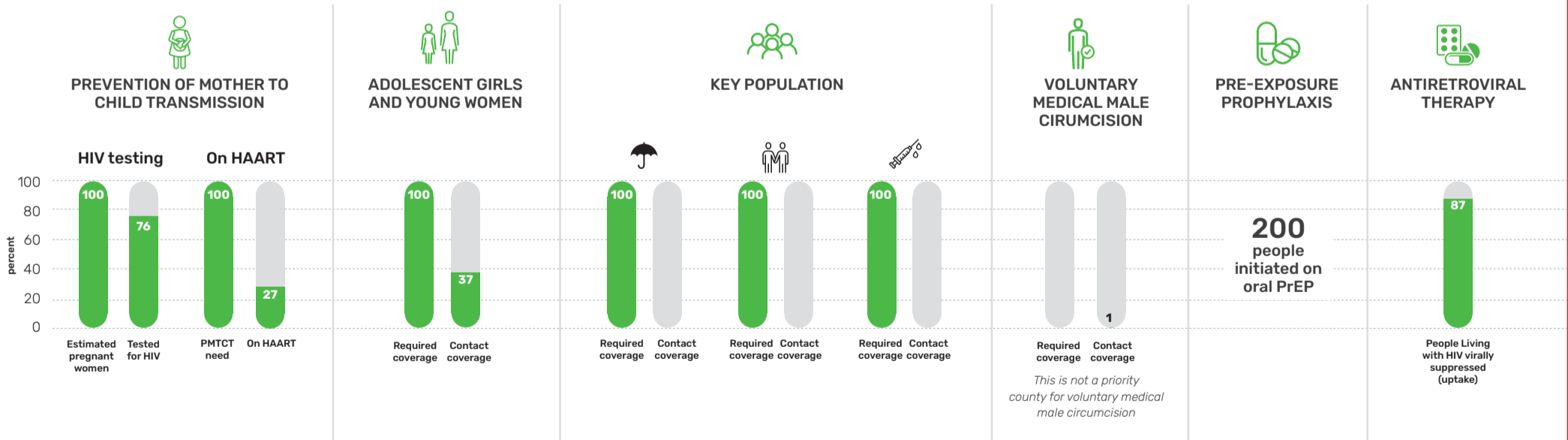
## Education<sup>8</sup>

**24,903** girls enrolled in public primary school  
**6,487** girls enrolled in public secondary school  
**74%** drop

## Experience of Violence<sup>4</sup>

**3%**  
women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Initiate HIV prevention programmes for female sex workers, men who have sex with men and people who inject drugs
- Allocate resources for condom promotion and distribution
- Initiate and retain people living with HIV on ART
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services
- Initiate programmes to reach AGYW populations

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med. 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NAS COP). Preliminary KENPHIA 2018 Report. Nairobi: NAS COP, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NAS COP). Key Population Size Estimation - Phase II Report. Nairobi: NAS COP, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NAS COP). KHIS data December 2021. Nairobi: NAS COP, 2021  
<sup>8</sup>Ministry of Education, 2019



NATIONAL SYNDEMIC DISEASES CONTROL COUNCIL



# THE STATE OF HIV PREVENTION IN SIAYA 2022



Total Population<sup>1</sup>  
**993,183**



**471,669**



**521,496**

Sex Ratio

**904**



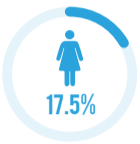
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**3.6** / 1000 population

Estimated new infections  
**2,180**

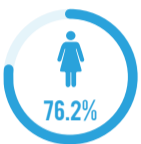
HIV prevalence  
**14.1%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **1,552** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



70.4% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,724**



Female Sex Worker

**593**



Men who have sex with men

**567**



People who inject drugs

**73**

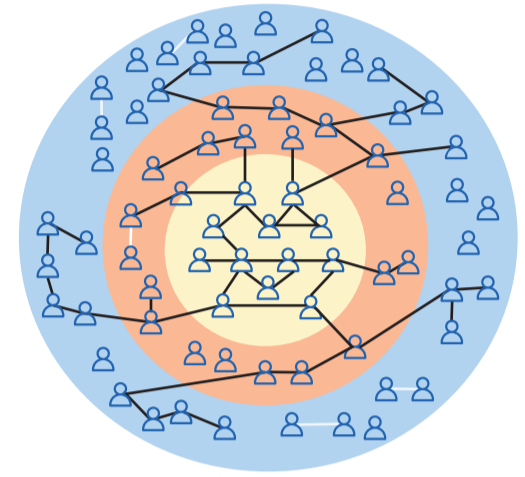


Transgender population

## Epidemic Typology<sup>6</sup>

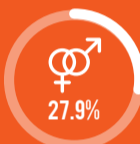
**GENERALISING:** HIV transmission is mostly sustained by high risk sexual behaviours in the population, without any substantial contribution by defined sub population at risk.

- Key population networks
- Priority and vulnerable population networks
- General population networks

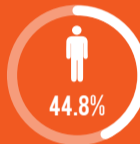


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

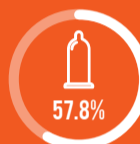
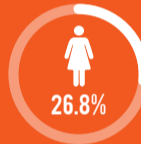
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**61.2%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**7,161**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **20%** girls and women who attended ANC

## Education<sup>8</sup>



**124,400**

girls enrolled in public primary school

**46,517**

girls enrolled in public secondary school

**63%**

drop

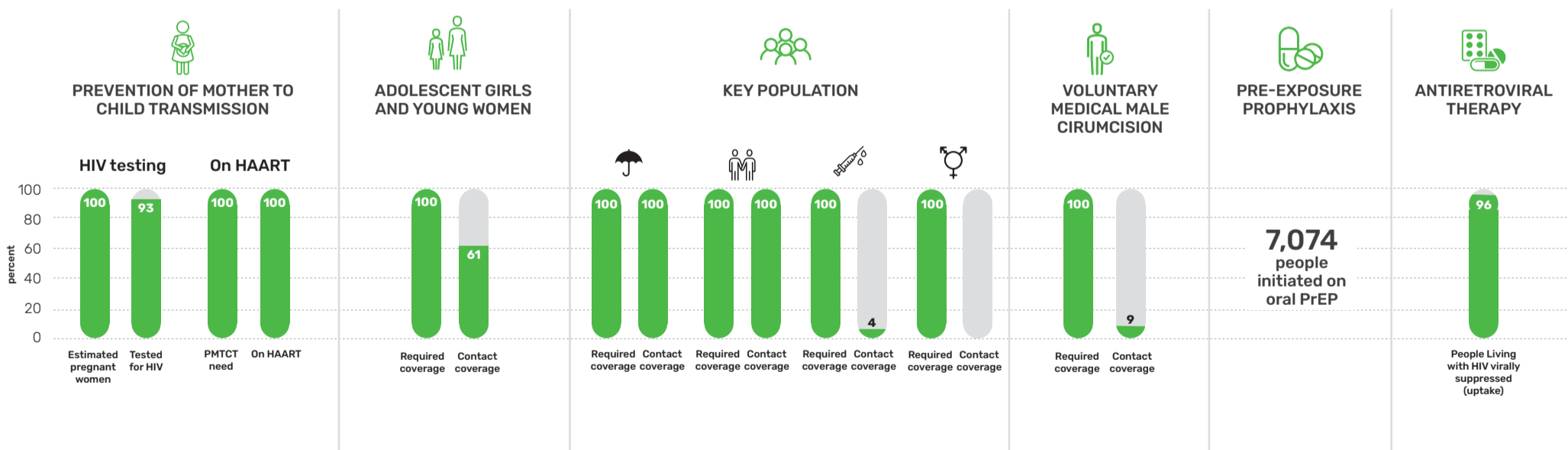
## Experience of Violence<sup>4</sup>

**30%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of adolescent and young women with prevention programmes
- Maintain high coverage of female sex workers, men who have sex with men and initiate programmes with people who inject drugs and transgender people
- Allocate resources and scale up VMMC among uncircumcised men
- Maintain high coverage of adolescent girls and young women with HIV prevention programmes
- Ensure coverage of other high risk networks within general population like fisher folk, with HIV prevention programmes
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med. 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NAS COP). Preliminary KENPHIA 2018 Report. Nairobi: NAS COP, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NAS COP). Key Population Size Estimation - Phase II Report. Nairobi: NAS COP, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NAS COP), KHIS data December 2021. Nairobi: NAS COP, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN TAITA TAVETA 2022



Total Population<sup>1</sup>  
**340,671**



**173,337**



**167,327**

Sex Ratio **1,036**



**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.8** / 1,000 population

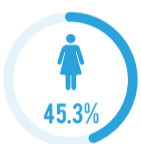
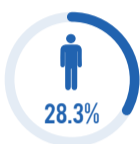
Estimated new infections  
**209**

HIV prevalence  
**3.5%**



Incidence - prevalence ratio (IPR) **0.02**  
20% reduction in IPR will avert **195** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



36.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,843**



Female Sex Worker

**219**



Men who have sex with men

**514**



People who inject drugs

**15**

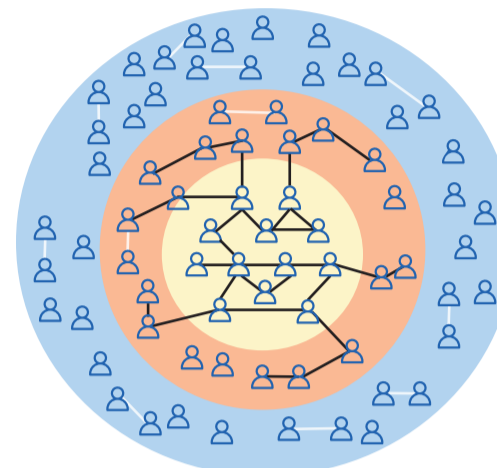


Transgender population

## Epidemic Typology<sup>6</sup>

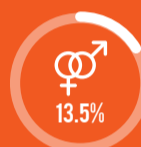
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks

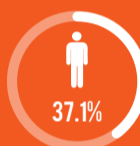


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

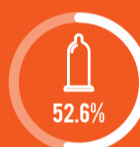
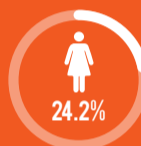
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**99.6%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**1,421**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **15%** girls and women who attended ANC

## Education<sup>8</sup>



**29,090**

girls enrolled in public primary school

**11,981**

girls enrolled in public secondary school

**59%** drop

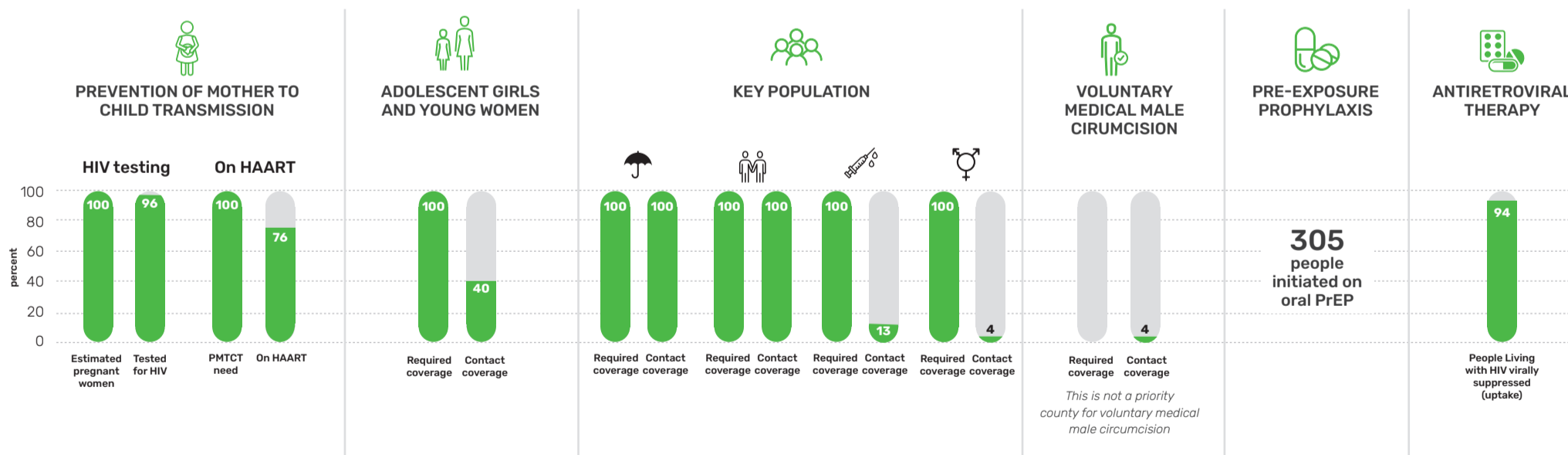
## Experience of Violence<sup>4</sup>

**16%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Allocate resources to initiate prevention programmes with adolescent girls and young women
- Maintain high coverage of prevention programmes for female sex workers, men who have sex with men and initiate programmes for people who inject drugs
- Allocate resources for condom promotion and distribution
- Ensure people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN TANA RIVER 2022



Total Population<sup>1</sup>  
**315,943**

**158,550**

**157,391**

Sex Ratio **1,007** / **1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3** / 1000 population

Estimated new infections  
**65**

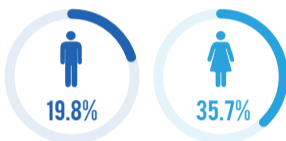
HIV prevalence  
**1.1%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **64** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



28.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,798**

Female Sex Worker

**212**

Men who have sex with men

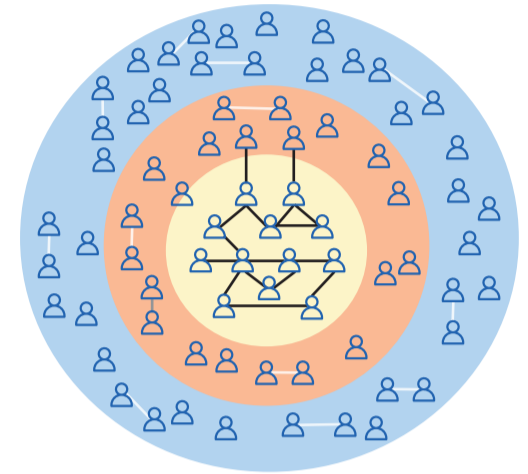
**524**

People who inject drugs

## Epidemic Typology<sup>6</sup>

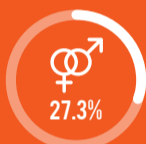
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner

Condom Use:  
No data

## Circumcision<sup>4</sup>

**97.8%**

adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**4,712**

girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **37%** girls and women who attended ANC

## Education<sup>8</sup>



**25,196**

girls enrolled in public primary school

**4,805**

girls enrolled in public secondary school

**81%**

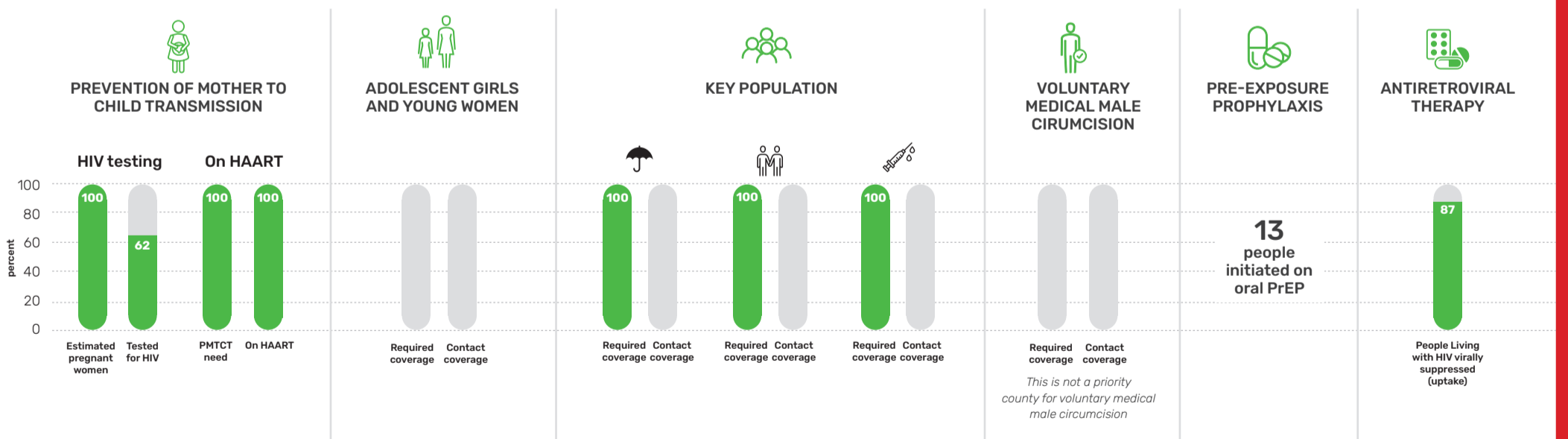
drop

## Experience of Violence<sup>4</sup>

**13%**

women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Initiate prevention programmes for female sex workers, men who have sex with men and people who inject drugs
- Allocate resources for condom promotion and distribution
- Ensure people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**





# THE STATE OF HIV PREVENTION IN THARAKA-NITHI 2022



Total Population<sup>1</sup>  
**393,177**



**193,764**



**199,406**

Sex Ratio

**972**



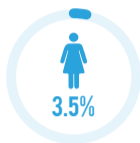
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.6** / 1,000 population

Estimated new infections  
**175**

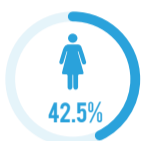
HIV prevalence  
**2.5%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **167** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



32.7% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,594**



Female Sex Worker

**219**



Men who have sex with men

**568**



People who inject drugs

**15**

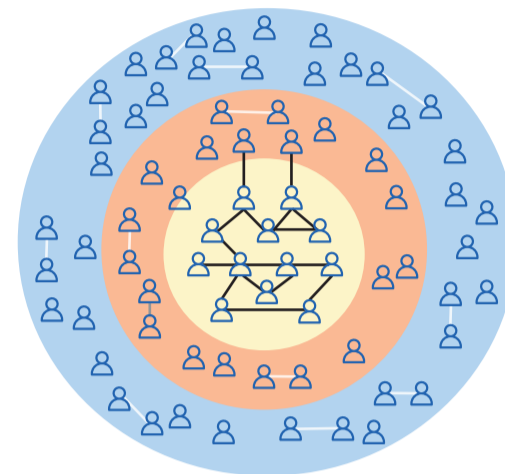


Transgender population

## Epidemic Typology<sup>6</sup>

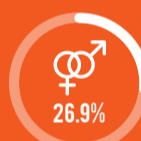
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

Key population networks  
Priority and vulnerable population networks  
General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

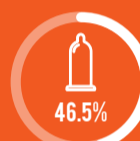
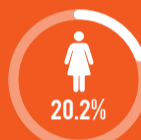
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**91.5%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**2,767**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **23%** girls and women who attended ANC

## Education<sup>8</sup>



**42,256**

girls enrolled in public primary school

**23,065**

girls enrolled in public secondary school

**45%** drop

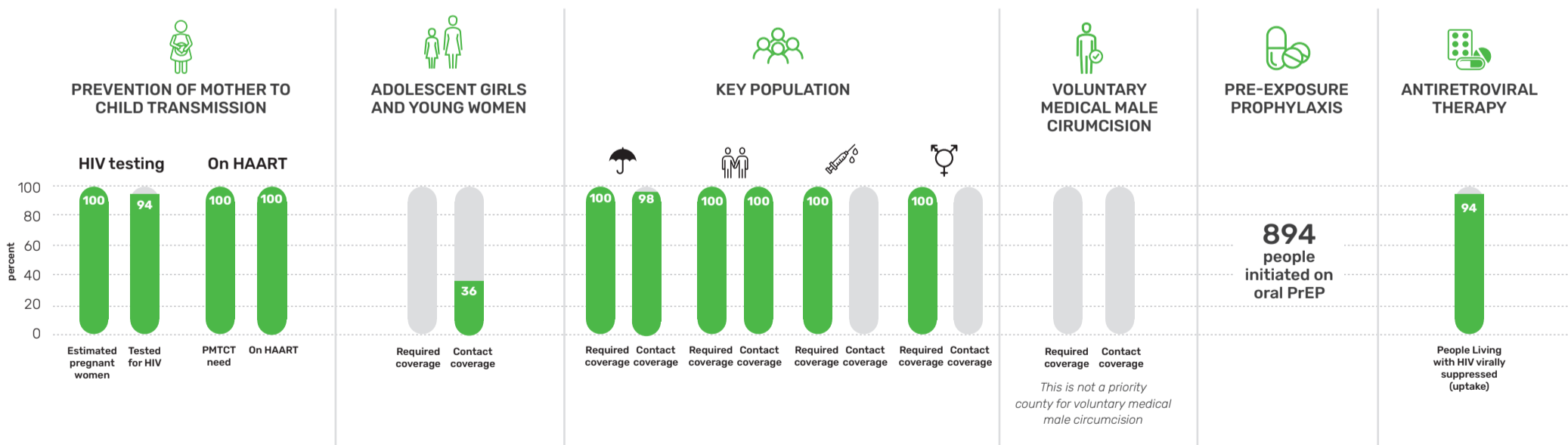
## Experience of Violence<sup>4</sup>

**23%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Maintain high coverage of female sex workers, men who have sex with men and initiate programmes with people who inject drugs and transgender people
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020

<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022

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<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020

<sup>5</sup>National AIDS and STI Control Programme (NASCO), Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021

<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022

<sup>7</sup>National AIDS and STI Control Programme (NASCO), KHIS data December 2021. Nairobi: NASCO, 2021

<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN TRANS NZOIA 2022



Total Population<sup>1</sup>  
**990,341**



**489,107**



**501,206**

Sex Ratio

**976**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.0** / 1000 population

Estimated new infections  
**709**

HIV prevalence  
**3.4%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **653** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



37.5% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,147**



Female Sex Worker

**1,114**



Men who have sex with men

**180**

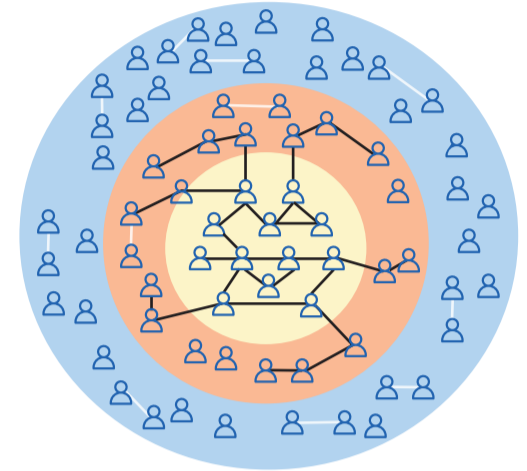


People who inject drugs

## Epidemic Typology<sup>6</sup>

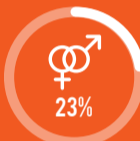
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

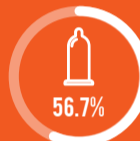
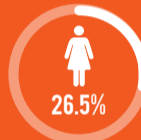
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



46.9% had sex with a non-marital, non-cohabiting partner



56.7% used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**97.8%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**7,413**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **26%** girls and women who attended ANC

## Education<sup>8</sup>



**108,075**

girls enrolled in public primary school

**43,302**

girls enrolled in public secondary school

**60%** drop

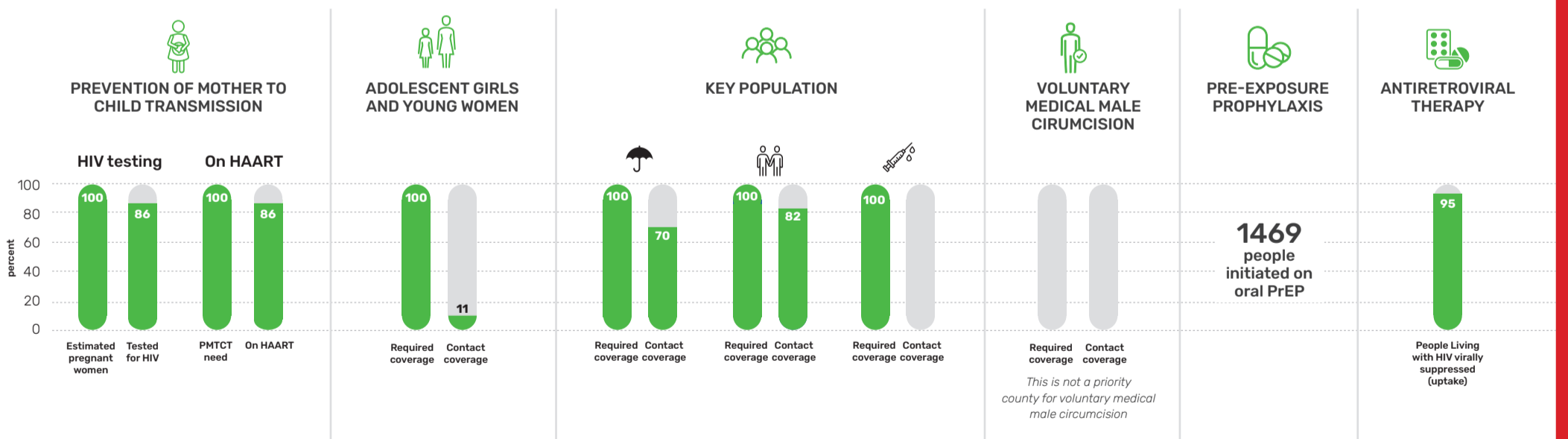
## Experience of Violence<sup>4</sup>

**25%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Allocate resources to initiate prevention programmes with adolescent girls and young women
- Allocate resources and scale up programmes for female sex workers, men who have sex with men and initiate programmes for people who inject drugs
- Allocate resources for condom promotion and distribution
- Ensure people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census, Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO), Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO), KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN TURKANA 2022



Total Population<sup>1</sup>  
**926,976**



**478,087**



**448,868**

Sex Ratio

**1,065**



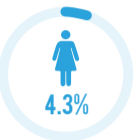
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.0** / 1000 population

Estimated new infections  
**665**

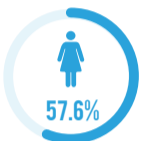
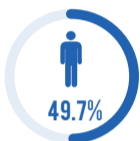
HIV prevalence  
**3.1%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **611** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



53.9% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,722**



Female Sex Worker

**515**



Men who have sex with men

**609**



People who inject drugs

**173**

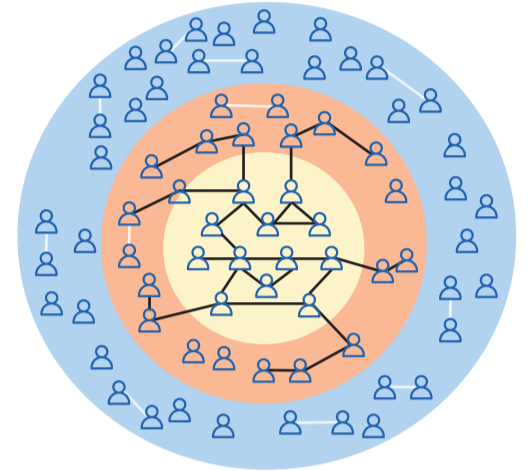


Transgender population

## Epidemic Typology<sup>6</sup>

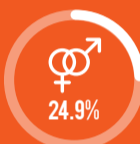
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks

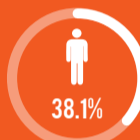


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

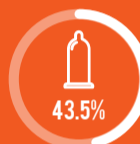
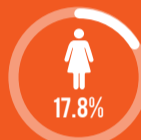
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**56.4%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**6,973**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **17%** girls and women who attended ANC

## Education<sup>8</sup>



**71,208**

girls enrolled in public primary school

**12,067**

girls enrolled in public secondary school

**83%** drop

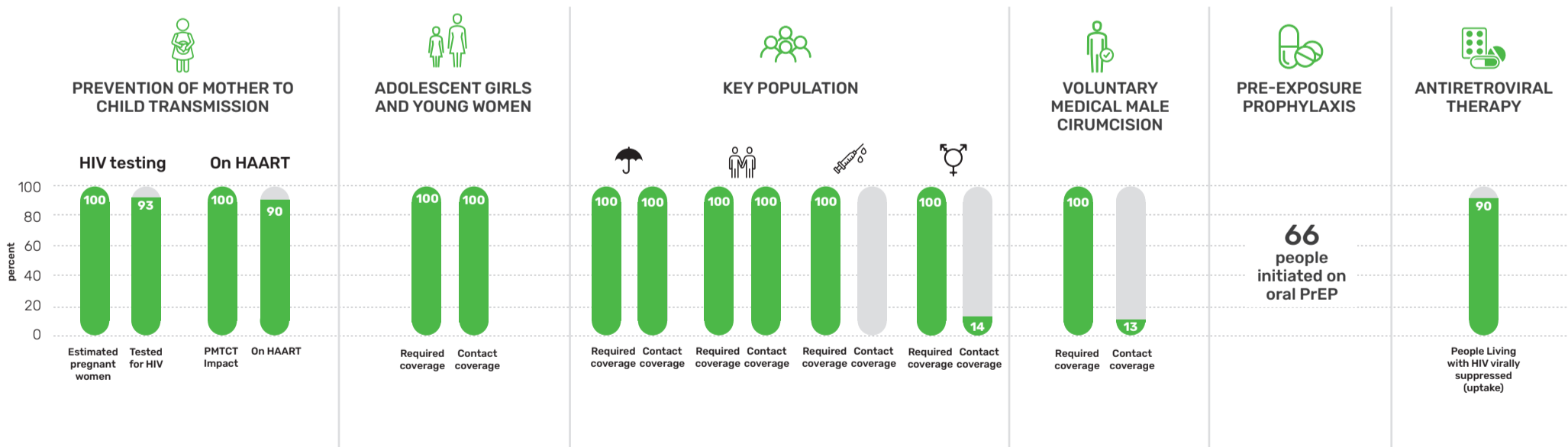
## Experience of Violence<sup>4</sup>

**5%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and scaleup coverage of pregnant women living with HIV on HAART
- Scale up prevention programmes with adolescent girls and young women
- Maintain high coverage of female sex workers, men who have sex with men and initiate prevention programmes with people who inject drugs and transgender people
- Scale up coverage of high risk uncircumcised men with voluntary medical male circumcision
- Allocate resources for condom promotion and distribution
- Ensure people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya. 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med. 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NAS COP). Preliminary KENPHIA 2018 Report. Nairobi: NAS COP, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NAS COP). Key Population Size Estimation - Phase II Report. Nairobi: NAS COP, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NAS COP), KHIS data December 2021. Nairobi: NAS COP, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN UASIN GISHU 2022



Total Population<sup>1</sup>  
**1,163,186**



**580,269**



**582,889**

Sex Ratio

**996**



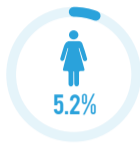
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.2** / 1,000 population

Estimated new infections  
**1,048**

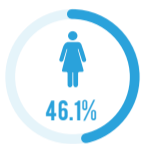
HIV prevalence  
**4.0%**



Incidence - prevalence ratio (IPR)  
**0.03**

20% reduction in IPR will avert **950** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



38.5% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,886**



Female Sex Worker

**1,693**



Men who have sex with men

**676**



People who inject drugs

**41**

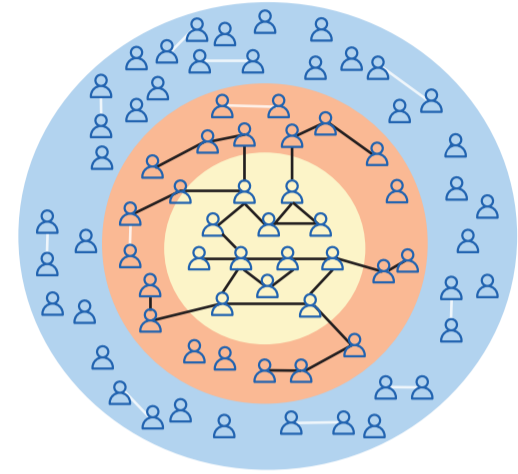


Transgender population

## Epidemic Typology<sup>6</sup>

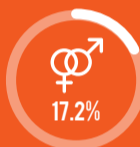
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks

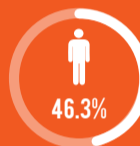


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

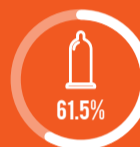
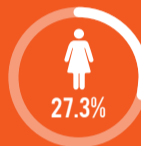
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse before the age of 15 years**



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**95.5%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**5,258**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **14%** girls and women who attended ANC

## Education<sup>8</sup>



**82,998**

girls enrolled in public primary school

**29,181**

girls enrolled in public secondary school

**65%** drop

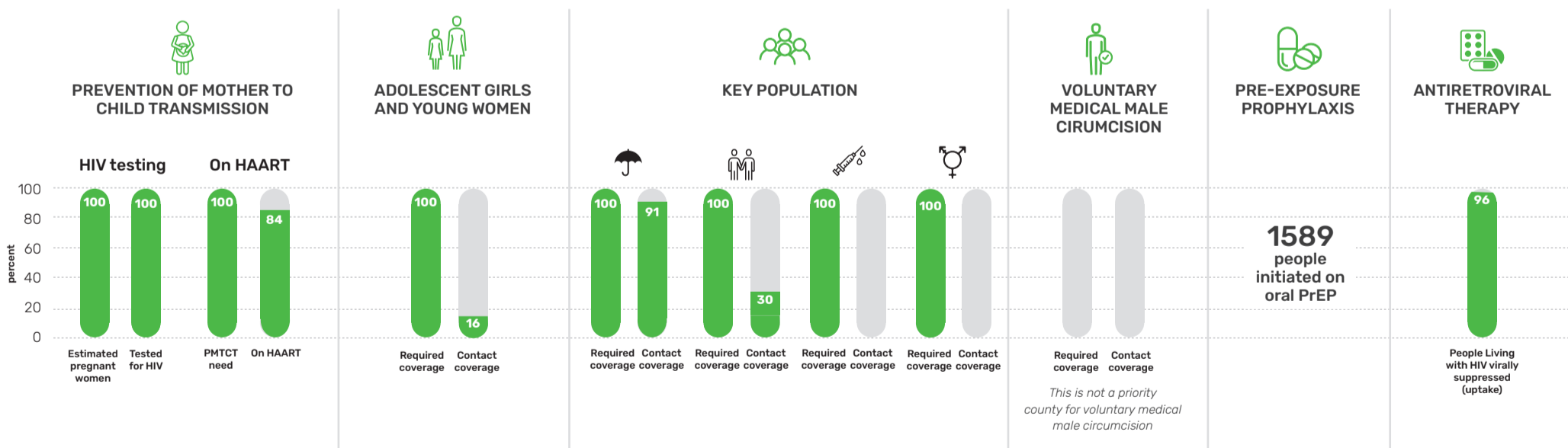
## Experience of Violence<sup>4</sup>

**16%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Maintain high coverage of pregnant women with HIV testing and pregnant women living with HIV on HAART
- Allocate resources to initiate prevention programmes with adolescent girls and young women
- Maintain high coverage of prevention programmes for female sex workers and scale up programmes for men who have sex with men, people who inject drugs and transgender people
- Allocate resources for condom promotion and distribution
- Ensure all people who are living with HIV virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN VIHIGA 2022



Total Population<sup>1</sup>  
**590,013**



**283,678**



**306,323**

Sex Ratio

**926**



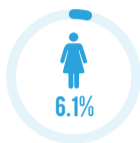
**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**1.0** / 1,000 population

Estimated new infections  
**434**

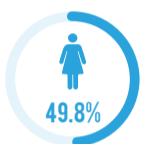
HIV prevalence  
**4.6%**



Incidence - prevalence ratio (IPR)  
**0.02**

20% reduction in IPR will avert **400** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



43.1% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**1,940**



Female Sex Worker

**203**



Men who have sex with men

**407**



People who inject drugs

**40**

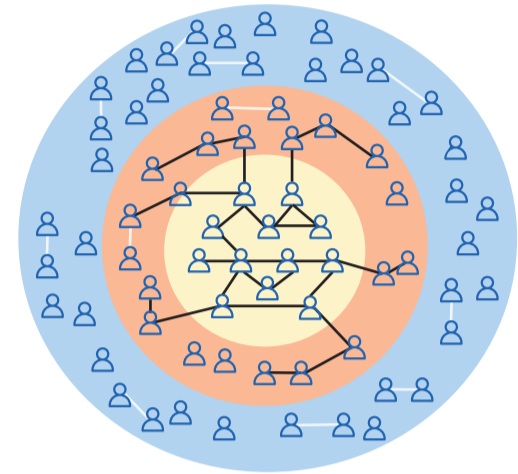


Transgender population

## Epidemic Typology<sup>6</sup>

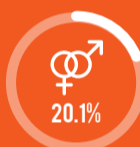
**MIXED:** HIV transmission is sustained by substantial contribution from sub populations at higher risk and sub populations within general population due to shared networks.

- Key population networks
- Priority and vulnerable population networks
- General population networks

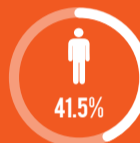


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

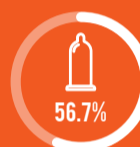
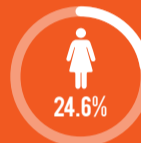
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**98.4%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**4,674**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **27%** girls and women who attended ANC

## Education<sup>8</sup>



**76,513**

girls enrolled in public primary school

**30,563**

girls enrolled in public secondary school

**60%** drop

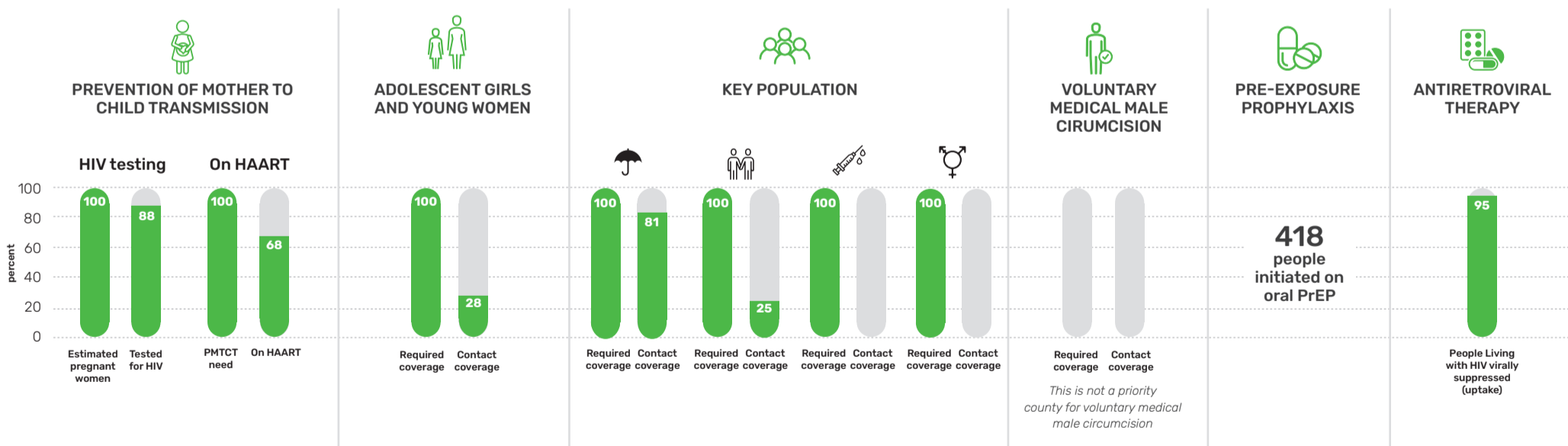
## Experience of Violence<sup>4</sup>

**22%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Allocate resources to initiate prevention programmes with adolescent girls and young women
- Scale up prevention programmes for female sex workers and initiate programmes for people who inject drugs and transgender people
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCOPI). Preliminary KENPHIA 2018 Report. Nairobi: NASCOPI, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCOPI). Key Population Size Estimation - Phase II Report. Nairobi: NASCOPI, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCOPI). KHIS data December 2021. Nairobi: NASCOPI, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN WAJIR 2022



Total Population<sup>1</sup>  
**781,263**



**415,374**



**365,840**

Sex Ratio

**1,135**



**1000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.0** / 1,000 population

Estimated new infections  
**27**

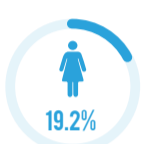
HIV prevalence  
**0.2%**



Incidence - prevalence ratio (IPR)  
**0.01**

20% reduction in IPR will avert **27** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



14.1% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**3,139**



Female Sex Worker

**860**

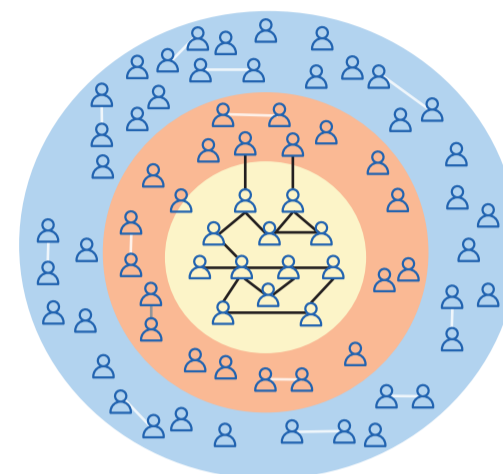


Men who have sex with men

## Epidemic Typology<sup>6</sup>

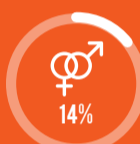
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

- Key population networks
- Priority and vulnerable population networks
- General population networks



Black coloured lines indicate high risk sexual or needle sharing contact between individuals

## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse before the age of 15 years**



had sex with a non-marital, non-cohabiting partner

Condom Use:  
No data

## Circumcision<sup>4</sup>

**97.5%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**3,253**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **17%** girls and women who attended ANC

## Education<sup>8</sup>



**26,223**

girls enrolled in public primary school

**11,438**

girls enrolled in public secondary school

**56%** drop

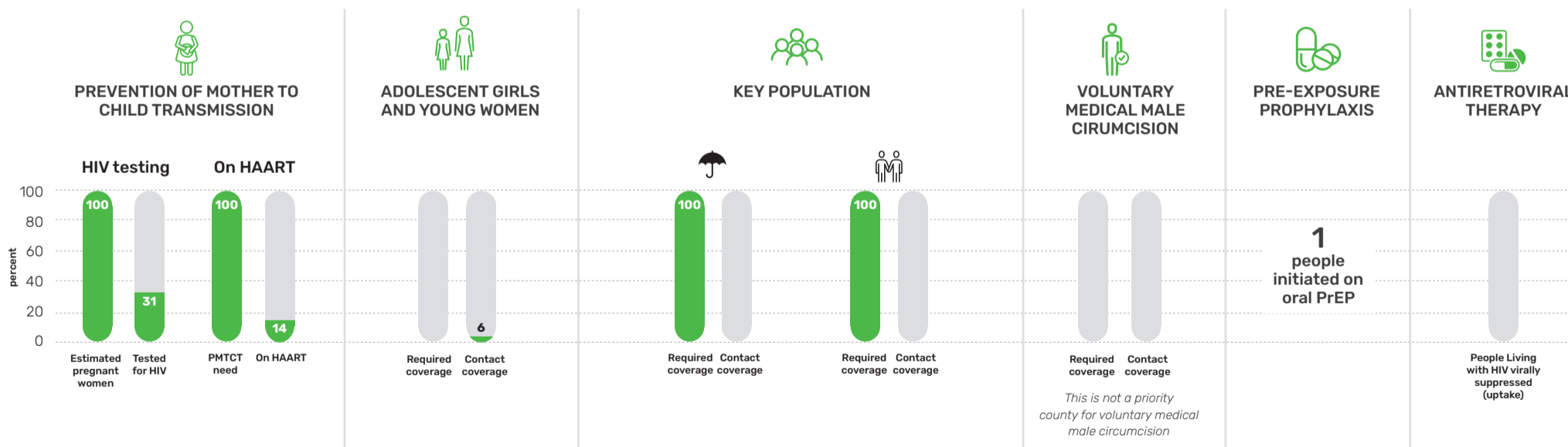
## Experience of Violence<sup>4</sup>

**5%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Immediately scale up coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Initiate prevention programmes for female sex workers and men who have sex with men
- Ensure all people living with HIV are virally suppressed
- Allocate resources for condom promotion and distribution
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**



# THE STATE OF HIV PREVENTION IN WEST POKOT 2022



Total Population<sup>1</sup>  
**621,241**



**307,013**



**314,213**

Sex Ratio

**977**



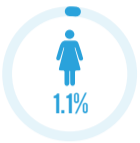
**1,000**

## HIV incidence and prevalence among adults aged 15+<sup>2</sup>

HIV incidence  
**0.3** / 1,000 population

Estimated new infections  
**126**

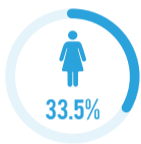
HIV prevalence  
**0.8%**



Incidence - prevalence ratio (IPR)  
**0.04**

20% reduction in IPR will avert **123** new infections<sup>3</sup>

## HIV Testing<sup>4</sup>



29.2% of men and women aged 15-64 years received an HIV test within the last 12 months

## Key Population Size Estimates<sup>5</sup>

**2,304**



Female Sex Worker

**281**



Men who have sex with men

**617**

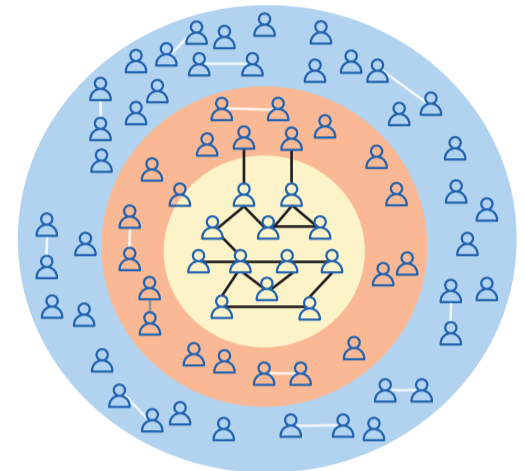


People who inject drugs

## Epidemic Typology<sup>6</sup>

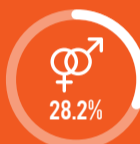
**CONCENTRATED:** HIV transmission is sustained by ongoing transmissions within sub population at higher risk

- Key population networks
- Priority and vulnerable population networks
- General population networks

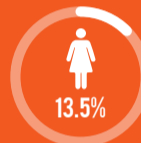


Black coloured lines indicate high risk sexual or needle sharing contact between individuals

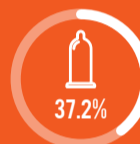
## Sexual Debut and Condom Use<sup>4</sup>



older adolescents and young adults had **sexual intercourse** before the age of 15 years



had sex with a non-marital, non-cohabiting partner



used a **condom at last sex** with a non-marital, non-cohabiting partner

## Circumcision<sup>4</sup>

**92.7%**



adult men (15-64 years) circumcised

## Teenage Pregnancies<sup>7</sup>

**9,111**



girls (10-19 yrs) pregnant at 1<sup>st</sup> ANC visit

Accounts for **29%** girls and women who attended ANC

## Education<sup>8</sup>



**89,569**

girls enrolled in public primary school

**20,018**

girls enrolled in public secondary school

**78%** drop

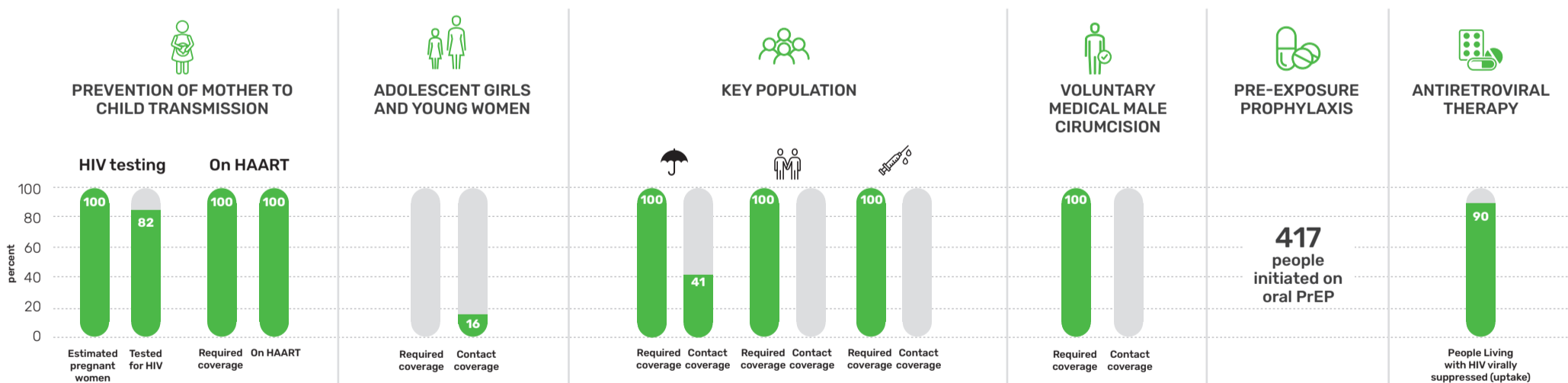
## Experience of Violence<sup>4</sup>

**13%**



women (15-64 years) experienced physical/sexual violence

## Programme Coverage<sup>7</sup>



## Prevention Priorities

- Scale up HIV testing among priority populations
- Saturate coverage of pregnant women with HIV testing and maintain high coverage of pregnant women living with HIV on HAART
- Scale up coverage of female sex workers and initiate prevention programmes for men who have sex with men and people who inject drugs
- Initiate and saturate VMMC programming for the County
- Allocate resources for condom promotion and distribution
- Ensure all people living with HIV are virally suppressed
- Take advantage of new prevention technologies like PrEP, especially among priority populations
- Address structural barriers like violence, school drop out to improve access to prevention services

<sup>1</sup>2019 Census. Kenya National Bureau of Statistics, Nairobi, Kenya, 2020  
<sup>2</sup>National Syndemic Disease Control Council (NSDCC). HIV estimates, 2022  
<sup>3</sup>A global benchmark value of approximately 0.03 is used as a threshold considering the replacement level for the infection (Ghys et al., PLoS Med, 2018).  
<sup>4</sup>National AIDS and STI Control Programme (NASCO). Preliminary KENPHIA 2018 Report. Nairobi: NASCO, 2020  
<sup>5</sup>National AIDS and STI Control Programme (NASCO). Key Population Size Estimation - Phase II Report. Nairobi: NASCO, 2021  
<sup>6</sup>National Syndemic Diseases Control Council (NSDCC). HIV Epidemic Appraisal, 2022  
<sup>7</sup>National AIDS and STI Control Programme (NASCO). KHIS data December 2021. Nairobi: NASCO, 2021  
<sup>8</sup>Ministry of Education, 2019



**NATIONAL SYNDEMIC DISEASES  
CONTROL COUNCIL**

